AT&T System 75 and System 75 XE

Implementation
Release 1 Version 3

555-200-652
Issue 3, September 1988

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CHAPTER 1. INTRODUCTION

Overview

This manual provides the procedures and associated forms for collecting system and voice terminal features. This information is used with *AT&T System 75—Administration,* 555-200-500, to initialize the AT&T System 75 and System 75 XE using the System Access Terminal.

In the planning process, system requirements were identified by the AT&T Account Team and the customer. Those requirements were converted into orderable system hardware when the Account Team configured the system.

This manual is solely concerned with AT&T System 75 implementation; that is, the completion of paper records and forms that are used to initialize and administer the System 75 Release 1 Version 3 or the System 75 XE.

This manual explains the forms required to implement the various system and voice terminal features. Instructions on how to complete each paper record and form are also provided. *AT&T System 75—Administration,* 555-200-500, explains how to use the paper records to initialize and administer the system.

The chart in Figure 1-1 depicts work activities and relative time frames.

This manual provides the forms and instructions required to implement a System 75 Release 1 Version 3 (RlV3) or a System 75 XE. All forms and features described in this manual apply to a Release 1 Version 3 System 75 and a System 75 XE unless otherwise noted as V3 or System 75 XE.

This manual is being reissued to include the following information.

- **Add V3 enhancements**
- **Add information for the Hospitality Parameter Reduction feature**
- **Add 7309H voice terminal**
- **Provide detailed information on how to implement AUDIX in a DCS or non-DCS environment.**

To complete this manual, you must:

- **Have hardware and feature knowledge (consult *AT&T System 75—System Description,* 555-200-200, and *AT&T System 75—Feature Description,* 555-200-201 *)***
- **Know what system and terminal hardware has been ordered [refer to the Delivery Operations Support System (DOSS) order]**

Organization

The other chapters in this manual are:

Chapter 2—ARS and Trunks—Instructions and Forms—Lists the forms required to implement Automatic Route Selection and System 75 trunks.

Chapter 3—Optional Features—Lists the optional features available to System 75 users. These features are not part of the standard system capabilities and must be purchased separately.

Chapter 4—Communications Survey—Describes the Communications Survey. This information is essential to get started with system implementation.

Chapter 5—System Features, Functions, and Services—Provides the instructions required to implement the system and voice terminal features. Included in each feature description is a table listing the feature forms required to implement that feature and the page numbers where they can be found. The blank form page number is also provided.

Chapter 6—System Forms—Contains the feature forms and instructions for completing each field on the forms. The forms in this part provide an accurate representation of the screen forms that are displayed on the System Access Terminal (SAT) during system initialization and on-going administration.

Chapter 7—Blank Forms—Contains a complete set of blank forms. Reproduce these forms as needed to implement the system.

Chapter 8—References—Provides a list of System 75 reference documentation. A brief description of each document is included.

Chapter 9—Index—Contains a permuted index.

The information in Chapters 2, 5, and 6 of this manual is valid for adding and changing features after the system has been initialized. This manual is the only source of a detailed description of the screen forms and a list of the forms that can be completed for a given feature.

To use this manual after initialization, the following items should be followed:

1. **Certain identifiers, such as hunt group number, may be part of the administrative command instead of an assignable field. For example, assume hunt group 4 is established (on form for Hunt Group 4) during implementation. The "4" is entered on the form to identify the hunt group. However, when the system is initialized, the command add hunt-group 4 is used to access the appropriate screen form for adding Hunt Group 4. The "4" is already stored in translation for that hunt group. Similarly, the change hunt-group 4 command is used to make changes on hunt group 4. A complete list of administrative commands is given in *AT&T System 75—Administration,* 555-200-500.**

2. Some of the forms listed in Chapter 5 should not be changed frequently. Specifically, the Dial Plan Record, Feature Related System Parameters, and Feature Access Codes forms normally do not require changes after initialization. When making additions or changes to the system, verify the required forms and/or fields have been completed. Specify the additional data needed to add or change the desired feature.

Many of the forms that appear on the SAT contain dynamic fields. Dynamic fields appear or disappear on the form depending on how another field is assigned. Dynamic fields are identified by implementation notes below the form.

How to Use

The procedural checklist in the following steps should be followed to complete the forms in this manual.

1. Become familiar with the contents of this manual.

2. Conduct a Communications Survey. Instructions for completing a Communications Survey are in Chapter 4.

3. Using Chapter 5 of this manual as a guide for implementing the desired features available to System 75 users, complete the forms as shown in Chapters 2 and 6. Blank forms are in Chapter 7. After these forms have been completed, they should be used with *AT&T System 75—Administration,* 555-200-500, to initialize the system.

After initialization, all completed forms should be maintained as a permanent record.

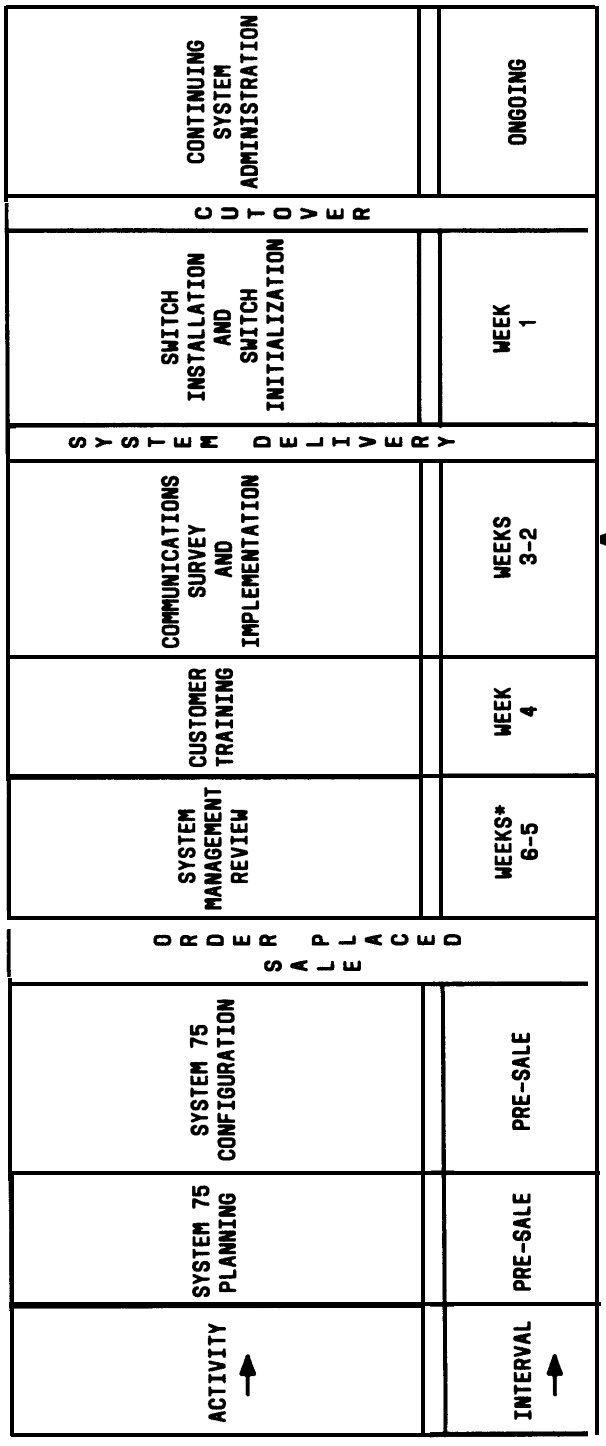

Figure 1-1. System 75 Activities Schedule

CHAPTER 2. ARS AND TRUNKS—INSTRUCTIONS AND FORMS

Overview

This chapter contains the forms and instructions required to assign Automatic Route Selection (ARS) and System 75 trunks.

The first part of this chapter covers ARS. The second part covers the System 75 trunks. The blank forms for ARS and trunks are in Chapter 7. Reproduce a blank form for the ARS and trunk forms being used.

Automatic Route Selection

ARS routes calls over the public network based on the preferred (normally the least expensive) route available at the time the call is placed. ARS provides a choice of up to six routes from any given public network call. The following types of trunk groups can be accessed by ARS:

- Local central office—Used for local calls and to provide access to long-distance carrier. Access to the long-distance carrier can be provided automatically by the central office or by a carrier access code.
- Foreign exchange—Used to emulate local calling in an area served by the local central office.
- Wide Area Telecommunications Service (WATS)—Used to provide calling to predefine geographic areas at a rate based on expected usage.
- Tie trunks—Used to provide access to an Electronic Tandem Network (ETN), or to an Enhanced Private Switched Communications Service (EPSCS) or Common Control Switching Arrangement (CCSA) office.

The following forms are used to assign ARS features:

Ž ARS Foreign Numbering Plan Area (FNPA)

• ARS Home Numbering Plan Area (HNPA)

Ž ARS Remote Home Numbering Plan Area (RHNPA)

• ARS Toll Table

• Code Restriction FNPA

Ž Code Restriction HNPA

- Dial Plan
- Feature Access Codes
- RNX Translation Table
- Routing Patterns

Automatic Route Selection—Foreign Numbering Plan Area (FNPA)

Purpose

This form is used to assign the routing pattern associated with each FNPA. The ARS FNPA table points to the appropriate Routing Pattern for each nonlocal NPA or points to a 6-digit translator so the call will be routed on both the NPA and the office code.

Although they are not FNPAs, the codes 00x, 01x, 10x, and 11x (where x is a number 0 through 9) can be assigned for routing calls beginning with these digits.

The system recognizes certain types of dialing patterns on outgoing calls and routes these calls via special entries in the FNPA or HNPA table. Table 2-A lists the special dialing patterns along with the associated FNPA or HNPA table entry through which that type of call is routed.

Table 2-A. ARS Routing Table

CALL TYPE	DIGITS DIALED	ROUTES ON PATTERN ASSIGNED FOR	TRANSLATOR TABLE
OPERATOR	0	000	FNPA
INTERNATIONAL-DIRECT DIAL	O11X...X	011	FNPA
INTERNATIONAL-OPERATOR ASSIST	O1X...X	010	FNPA
OPERATOR ASSIST	OX...X	001	FNPA
LONG DISTANCE SERVICE	(1)N11	N11	FNPA
LONG DISTANCE IN NPA	(1)NXX-XXXX	NXX	HNPA
LONG DISTANCE-TOLL FREE	(1)800-NXX-XXXX	800	FNPA
LONG DISTANCE-DIRECTORY ASSIST	(1)NIX-555-XXXX	005	FNPA
LONG DISTANCE IN HOME NPA	(1)HNPA-NXX-XXXX	NXX	HNPA
LONG DISTANCE OUT SIDE OF NPA	(1)NIX-NXX-XXXX	NIX	FNPA
LDC-ACCESS CODE	10XXX	100	FNPA
LDC-OPERATOR	10XXX-0	100	FNPA
LDC-INTERNATIONAL DIRECT DIAL	10XXX-011X...X	111	FNPA
LDC-INTERNATIONAL-OPERATOR ASSIST	10XXX-01X...X	110	FNPA
LDC-OPERATOR ASSIST	10XXX-0X...X	101	FNPA
LDC-DIRECTORY ASSISTANCE	10XXX (1)555-XXXX	555	HNPA
LDC-LOCAL TOLL CALL	10XXX (1)NXX-XXXX	NXX	HNPA
LDC-TOLL FREE LONG DISTANCE	10XXX(1)800-NXX-XXXX	800	FNPA
LDC-TOLL CALL WITHIN HOME NPA	10XXX (1)HNPA-NXX-XXXX	NXX	HNPA
LDC-LONG DISTANCE DIRECTORY ASSIST	10XXX (1)NIX-555-XXXX	005	FNPA
LDC-LONG DISTANCE OUTSIDE OF NPA	10XXX(1)NIX-NXX-XXXX	NIX	FNPA

Legend: N — any digit 2-9
I — digit 0-1
X — any digit 0-9
( ) — an optional digit
LDC — Long Distance Carrier

Note: ARS ignores the IXC access code unless it is followed by a "0."

Typical assignments for the FNPA Table are as follows:

- **"H"—pattern/table assignment for the HNPA**
- **"R"(1-32)—office code translation of a given NPA and Pattern Numbers**

Patterns should be created to accommodate individual customer needs. Careful application of this table permits Automatic Route Selection for all types of calling including IDDD (International Direct Distance Dialing) and carriers other than AT&T.

Instructions

Make assignments as required for the following fields:

- **Partitioned Group Number—Enter a group number from 1 through 4.**
- **Pattern Choice Assignments—For the *x00 through x19* fields in each FNPA block (000-019 through 900-919), enter a number from 1 through 254 for the desired pattern number or a number from 1 through 32 preceded by "r" (for example, r1, r15, r32) for the desired RHNPA Table Number. Enter "h" or "H" as the pattern number for the local(home) NPA to indicate that this NPA is the HNPA rather than an FNPA.**

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ARS FNPA TABLE

Partitioned Group Number: 1

Pattern Choice Assignment

000-019		100-119		200-219		300-319		400-419	
00: 2	10: 2	00:2	10:2	00:2	10:2	00:2	10:2	00:2	10:2
01:1	11:1	01:1	11:1	01:2	11:2	01:2	11:2	01:2	11:2
02:1	12:1	02:1	12:1	02:2	12:2	02:2	12:2	02:2	12:2
03:1	13:1	03:1	13:1	03:2	13:2	03:2	13:2	03:2	13:2
04:1	14:1	04:1	14:1	04:2	14:2	04:2	14:2	04:2	14:2
05:1	15:1	05:1	15:1	05:2	15:2	05:2	15:2	05:2	15:2
06:1	16:1	06:1	16:1	06:2	16:2	06:2	16:2	06:2	16:2
07:1	17:1	07:1	17:1	07:2	17:2	07:2	17:2	07:2	17:2
08:1	18:1	08:1	18:1	08:2	18:2	08:2	18:2	08:2	18:2
09:1	19:1	09:1	19:1	09:2	19:2	09:2	19:2	09:2	19:2

Page 1 of 1

ARS FNPA TABLE

Partitioned Group Number: 1
Pattern Choice Assignments

500-519		600-619		700-719		800-819		900-919	
00:2	10:2	00:2	10:2	00:2	10:2	00:2	10:2	00:2	10:2
01:2	11:2	01:2	11:2	01:2	11:2	01:2	11:2	01:2	11:2
02:2	12:2	02:2	12:2	02:2	12:2	02:2	12:2	02:2	12:2
03:2	13:2	03:2	13:2	03:2	13:2	03:2	13:2	03:2	13:2
04:2	14:2	04:2	14:2	04:2	14:2	04:2	14:2	04:2	14:2
05:2	15:2	05:2	15:2	05:2	15:2	05:2	15:2	05:2	15:2
06:2	16:2	06:2	16:2	06:2	16:2	06:2	16:2	06:2	6:2
07:2	17:2	07:2	17:2	07:2	17:2	07:2	17:2	07:2	7:2
08:2	18:2	08:2	18:2	08:2	18:2	08:2	18:2	08:2	8:2
09:2	19:2	09:2	19:2	09:2	19:2	09:2	19:2	09:2	19:2

Automatic Route Selection—Home Numbering Plan Area (HNPA)

Purpose

This form is used to assign the routing pattern associated with each of the 800 office codes in the local area code. The ARS HNPA Table points to the appropriate routing pattern for each office code within the home NPA.

The default value for all 800 office codes is pattern 1. Normally, pattern 1 should be used as the HNPA toll pattern because in most NPAs there are more toll offices than local office codes. This will minimize the number of changes required to complete the form.

Instructions

Make assignments, as required, for the following fields:

- OFFICE CODE—Enter a hundreds block; that is, 200-299 through 900-999.
- Partitioned Group Number—Enter a group number from 1 through 4.
- Pattern Choice Assignments—Enter a pattern number from 1 through 254.

ARS HNPA TABLE

OFFICE CODE: x00 - x99

Partitioned Group Number: 1

Pattern Choice Assignments

00: 1	10: 1	20: 1	30: 1	40: 1	50: 1	60: 1	70: 1	80: 1	90: 1
01: 1	11: 1	21: 1	31: 1	41: 1	51: 1	61: 1	71: 1	81: 1	91: 1
02: 1	12: 1	22: 1	32: 1	42: 1	52: 1	62: 1	72: 1	82: 1	92: 1
03: 1	13: 1	23: 1	33: 1	43: 1	53: 1	63: 1	73: 1	83: 1	93: 1
04: 1	14: 1	24: 1	34: 1	44: 1	54: 1	64: 1	74: 1	84: 1	94: 1
05: 1	15: 1	25: 1	35: 1	45: 1	55: 1	65: 1	75: 1	85: 1	95: 1
06: 1	16: 1	26: 1	36: 1	46: 1	56: 1	66: 1	76: 1	86: 1	96: 1
07: 1	17: 1	27: 1	37: 1	47: 1	57: 1	67: 1	77: 1	87: 1	97: 1
08: 1	18: 1	28: 1	38: 1	48: 1	58: 1	68: 1	78: 1	88: 1	98: 1
09: 1	19: 1	29: 1	39: 1	49: 1	59: 1	69: 1	79: 1	89: 1	99: 1

Note: System 75 recognizes the service codes 411, 611, and 911 as area codes because of the middle digit, 1. Therefore, these codes must be assigned in the FNPA table.

Automatic Route Selection—Remote Home Numbering Plan Area (RHNPA)

Purpose

This form is used to assign office codes and the associated routing pattern number for 32 selected RHNPAs. One form is required for each block of 100 central office codes. RHNPAs are referenced from the FNPA Table and are commonly referred to as "6-digit translators."

The RHNPA Table provides a choice of up to 12 routing patterns for each block of 100 central office codes, whereas the HNPA Table provides a choice of 254 routing patterns for each office code.

Instructions

Make assignments as required for the following fields:

- ARS RHNPA TABLE—Enter the applicable table number from 1 through 32. Up to eight forms may be required for each table, one for each hundreds block, 2 through 9.
- OFFICE CODE—Enter the desired hundreds block; that is, 200-299 through 900-999. A separate form is required for each hundreds block.
- Pattern Choices—Enter a pattern number from 1 through 254 representing the Routing Patterns that can be accessed by the RHNPAs identified on this screen form only. Each screen form on each RHNPA table may have 12 different Pattern Choices. Patterns listed on one screen form do not automatically default to the other forms of the same table. If one pattern will be used most often (that is, accessed by the greatest number of office codes in this block), assign that pattern as choice 1. Otherwise, the correlation between Pattern Choice numbers and Patterns is completely arbitrary.
- Office Code—Pattern Choice Assignments (from 1-12 above)—Enter a Pattern Choice number from the list above in the field associated with each Office Code. The Office Code fields represent the last two digits of the codes within the hundreds block. The Pattern Choice Assignment points to the Pattern Choice, above, that contains the Routing Pattern to be used.

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ARS RHNPA TABLE:____

OFFICE CODEx00 - x99

Pattern Choices

1: 3: 5: 7: 9: 11:
2: 4: 6: 8: 10: 12:

Office Code-Pattern Choice Assignments (from 1-12 above)

00: 1	10: 1	20: 1	30: 1	40: 1	50: 1	60: 1	70: 1	80: 1	90: 1
01: 1	11: 1	21: 1	31: 1	41: 1	51: 1	61: 1	71: 1	81: 1	91: 1
02: 1	12: 1	22: 1	32: 1	42: 1	52: 1	62: 1	72: 1	82: 1	92: 1
03: 1	13: 1	23: 1	33: 1	43: 1	53: 1	63: 1	73: 1	83: 1	93: 1
04: 1	14: 1	24: 1	34: 1	44: 1	54: 1	64: 1	74: 1	84: 1	94: 1
05: 1	15: 1	25: 1	35: 1	45: 1	55: 1	65: 1	75: 1	85: 1	95: 1
06: 1	16: 1	26: 1	36: 1	46: 1	56: 1	66: 1	76: 1	86: 1	96: 1
07: 1	17: 1	27: 1	37: 1	47: 1	57: 1	67: 1	77: 1	87: 1	97: 1
08: 1	18: 1	28: 1	38: 1	48: 1	58: 1	68: 1	78: 1	88: 1	98: 1
09: 1	19: 1	29: 1	39: 1	49: 1	59: 1	69: 1	79: 1	89: 1	99: 1

Automatic Route Selection—Toll Table

Purpose

This form is used to assign the Toll Tables required for ARS. One form is required for each block of 100 office codes.

Instructions

Make assignments as required for the following fields:

- ARS TOLL TABLE—Enter the Toll Table number from 1 through 32. Up to eight forms may be required for each table, one for each hundreds block, 2 through 9.
- OFFICE CODES—Enter a hundreds block; that is, 200-299 through 900-999. A separate form is required for each hundreds block.
- 00: through 99:—Enter "n" for each nontoll code. These fields represent the last two digits of the codes within the hundreds block and whether or not the code is a toll code. If no changes are made, the codes are implemented as toll codes.

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ARS TOLL TABLE: ____

OFFICE CODES: x00-x99

00: y	10: y	20: y	30: y	40: y	50: y	60: y	70: y	80: y	90: y
01: y	11: y	21: y	31: y	41: y	51: y	61: y	71: y	81: y	91: y
02: y	12: y	22: y	32: y	42: y	52: y	62: y	72: y	82: y	92: y
03: y	13: y	23: y	33: y	43: y	53: y	63: y	73: y	83: y	93: y
04: y	14: y	24: y	34: y	44: y	54: y	64: y	74: y	84: y	94: y
05: y	15: y	25: y	35: y	45: y	55: y	65: y	75: y	85: y	95: y
06: y	16: y	26: y	36: y	46: y	56: y	66: y	76: y	86: y	96: y
07: y	17: y	27: y	37: y	47: y	57: y	67: y	77: y	87: y	97: y
08: y	18: y	28: y	38: y	48: y	58: y	68: y	78: y	88: y	98: y
09: y	19: y	29: y	39: y	49: y	59: y	69: y	79: y	89: y	99: y

Code Restriction FNPA

Purpose

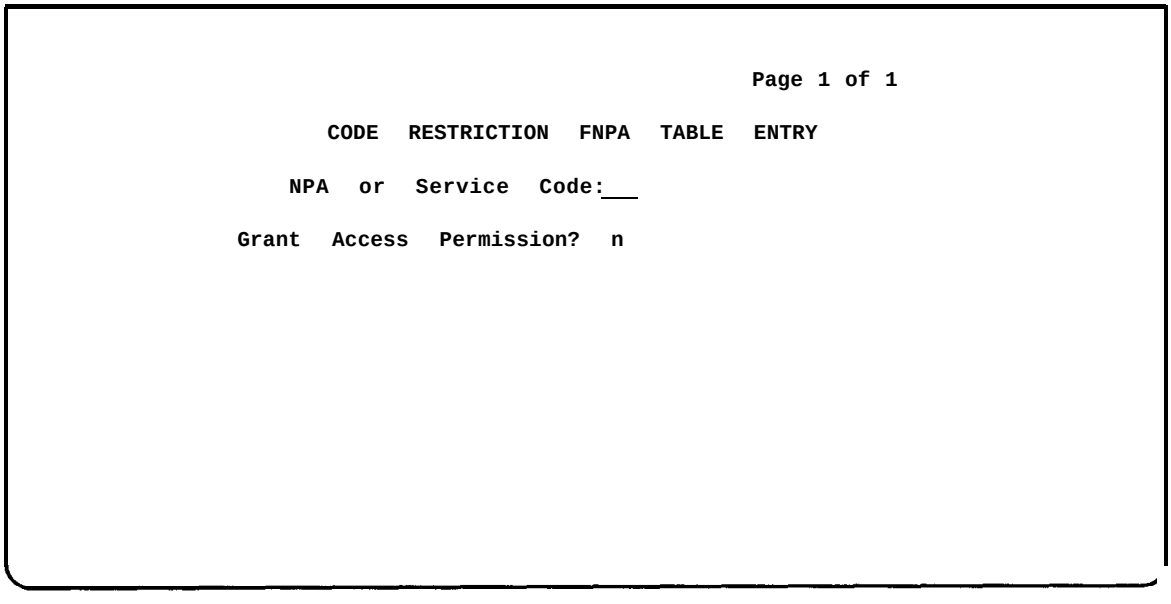
This form is used to specify the code restriction for FNPA Table entries.

Instructions

The default value for the Grant Access Permission field is “n” for all entries which means that the specified NPA or Service Code is code restricted. Rather than reproduce 800 copies of this form, simply list all Office Codes with access permission granted on a single form and only change the value on those forms.

Make assignments as required for the following fields:

- NPA or Service Code—Enter the area or Service Code that is not to be restricted.
- Grant Access Permission—Enter “v” if access permission is to be allowed (that is, the specified NPA or Service Code is not code restricted).



Code Restriction HNPA

Purpose

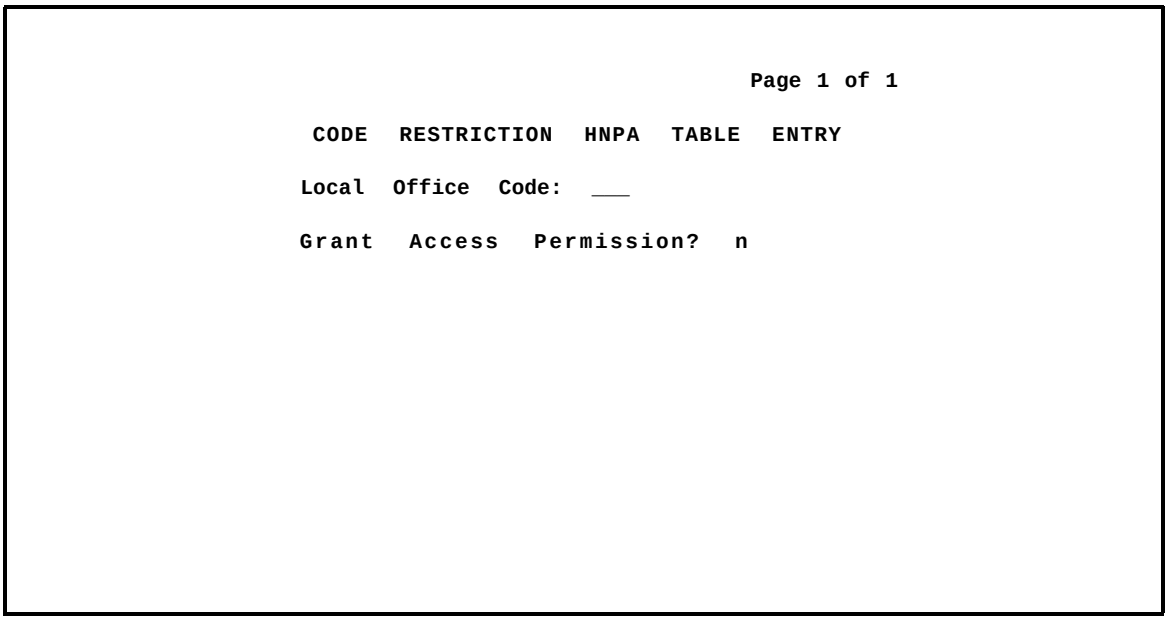
This form is used to specify the code restriction for HNPA Table entries.

Instructions

The default value for all entries is "n," which means that the specified office code is code restricted. Rather than reproduce this form 800 times, simply list all Office Codes to be granted access permission and only change the value on those forms.

Make assignments as required for the following fields:

- Local Office Code—Enter an HNPA Central Office Code (200 through 999) that is not to be restricted.
- Grant Access Permission—Enter "y" if access permission is to be allowed (that is, the specified office code is not code restricted).



Dial Plan

Purpose

The Dial Plan is the system's guide to digit translation.

Instructions

Make assignments as required for the following fields:

- Area Code—Enter the Home Numbering Plan Area of the PBX,
- ARS Prefix 1 Required—Enter "y" if the user is required to dial 1 to indicate a 10-digit toll call. This is required when the PBX is located within an area code that contains a Central Office Code resembling an area code. These are the following:
  - 201 in New Jersey
  - 212 in New York
  - 213 in Los Angeles
  - 312 in Chicago
  - 706 in Northwest Mexico
  - 905 in Mexico City

  The following paragraphs show how dialed numbers are interpreted by the system if `"y" is assigned` to the ARS Prefix 1 Required, field. The number 9 represents the ARS Access Code.

  - *9+1+(212)-201-1234* infers a 10-digit toll call.
  - *9+(212)-201-1234* infers that 212 is a Central Office Code. The system accepts only the first seven digits following the ARS Access Code. The number 212-2011 is sent to the Central Office.
  - *9+201-1234* infers a 7-digit call within the HNPA.
  - *9+1+201-1234* infers the first seven digits of a 10-digit toil call and waits for the remaining three digits. The number being outpulsed is (201)-123-4xxx.

    If the number being dialed is a toll call within the HNPA and the Central Office Code resembles an area code as in the example above, then the HNPA must also be included in the number dialed (refer to the first example).
  - *9+922-1234* or *9+1+922-1234* infers a 7-digit call (or toll call) within the HNPA. This example differs from the preceding example in that the Central office Code (922) does not resemble an area code.

- **Uniform Dialing Plan—Allows the system to have a Uniform Dialing Plan (UDP). This feature can only be assigned if UDP or DCS is provided. If this feature is activated, the Dial Plan becomes 6 pages. Enter "y" if DCS is used.**

- **Plan Length—Enter the number of digits in the UDP (valid entries are "4" or "5"). These numbers are used to signify the user of a 4- or 5-digit Dial Plan.**

- **FIRST DIGIT TABLE—Assign "fac" as the Identification for the Digit 9.**

The remaining fields are on pages 2 through 6 of this form.

- **CODE—Enter a PBX Code number (1 through 9999) representing the first one, two, three, or four digits of a 4- or 5-digit extension. Each PBX Code will have an associated LCL, RNX, and ID field. Fields are provided for up to 240 PBX Codes. It is possible that the code could be the same as a local extension number. In this case, the UDP PBX Code overrides the extension number at the local switch.**

- **LCL—Enter "y" if the associated PBX Code is local to the System 75 being administered. Enter "n" if it is located on a remote switch or PBX.**

- **RNX—Enter the RNX assigned to the associated PBX. In the System 75 UDP, the PBX code yields the associated RNX and this RNX is then used to select a Routing Pattern for the call.**

- **ID—Enter a number from 1 through 63 representing a specific switch. At present, this field is used only with DCS. If DCS is not used, leave this field blank.**

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DIAL PLAN RECORD

Area Code: ___

ARS Prefix 1 Required? y

Uniform Dialing Plan? n

FIRST DIGIT TABLE

Length 4

First Digit	-1-	-2-	-3-	-4-	-5-	-6.
1:						
2:						
3:						
4:						
5:						
6:						
7:						
8:						
9:						
0:attendant						
*:						
#:						

Note: **This is a 1-page form if Uniform Dialing Plan is answered “n.”**

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DIAL PLAN RECORD

Area Code:

Prefix 1 Required?

Uniform Dialing Plan? Plan Length: 4

FIRST DIGIT TABLE

First Digit	Length -1.	-2-	-3-	-4-	-5-	- 6 -
1:						
2:						
3:						
4:						
5:						
6:						
7:						
8:						
9:						
0:						
*:						
#:						

Note: This form becomes six pages if Uniform Dialing Plan is answered "y."

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

Feature Access Codes

Purpose

The field below must be used to assign the ARS Access Code.

- **Auto Route Selection (ARS) Access Code—Assign an access code to ARS. The usual entry is "9."**

RNX Translation Table

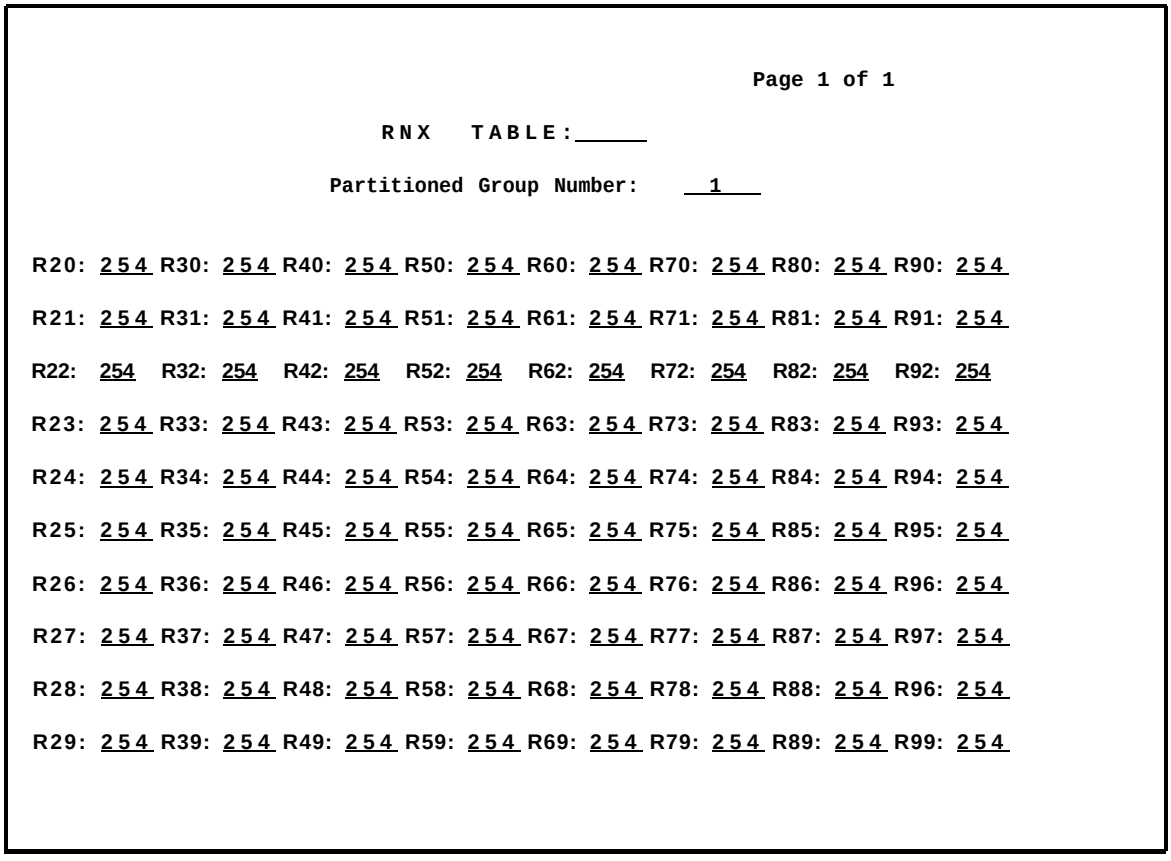
Purpose

This form is used to assign routing patterns to up to 640 RNXs.

Instructions

Make assignments as required for the following fields:

- RNX Table—Enter a number within the hundreds group to be accessed. Eight groups are allowed, 220-299 through 920-999.
- Partitioned Group Number—Enter a number from 1 through 4. A partitioned group number consists of those that are grouped together and share the same COR.
- R20 through R99—Enter “h” or “H” for Home RNX, a pattern number (1 through 254), or “r1” through “r32” for a Remote HNPA Table.



Page 1 of 1

RNX TABLE: _____

Partitioned Group Number: 1

R20: 254 R30: 254 R40: 254 R50: 254 R60: 254 R70: 254 R80: 254 R90: 254

R21: 254 R31: 254 R41: 254 R51: 254 R61: 254 R71: 254 R81: 254 R91: 254

R22: 254 R32: 254 R42: 254 R52: 254 R62: 254 R72: 254 R82: 254 R92: 254

R23: 254 R33: 254 R43: 254 R53: 254 R63: 254 R73: 254 R83: 254 R93: 254

R24: 254 R34: 254 R44: 254 R54: 254 R64: 254 R74: 254 R84: 254 R94: 254

R25: 254 R35: 254 R45: 254 R55: 254 R65: 254 R75: 254 R85: 254 R95: 254

R26: 254 R36: 254 R46: 254 R56: 254 R66: 254 R76: 254 R86: 254 R96: 254

R27: 254 R37: 254 R47: 254 R57: 254 R67: 254 R77: 254 R87: 254 R97: 254

R28: 254 R38: 254 R48: 254 R58: 254 R68: 254 R78: 254 R88: 254 R96: 254

R29: 254 R39: 254 R49: 254 R59: 254 R69: 254 R79: 254 R89: 254 R99: 254

Routing Patterns

Purpose

This form is used for Automatic Route Selection (ARS) and Automatic Alternate Routing (AAR) to implement up to 254 routing patterns. Each pattern can contain up to six alternate routes.

Instructions

Make assignments as required for the following fields:

- Pattern Number—Enter a Pattern Number from 1 through 254.

Ž Grp. No.—Enter the desired trunk group number from 1 through 99.

- FRL—Enter the Facility Restriction Level (FRL) 0 through 7 ("0" being the least restrictive and "7" being the most restrictive) for this trunk group as it will be used by this pattern only. Trunk group FRLs are changeable from pattern to pattern. The FRL assigned to the trunk group when the class of restriction (COR) is defined is not used on ARS calls.

- NPA—Enter the NPA of the distant end. For WATS trunks, the term NPA is the same as the home NPA. For Tie trunks, the NPA field is left blank.

Ž Prefix Mark—Enter a number from 0 through 3 as indicated below. This determines the outpulsing of the Prefix digit 1.

  — 0—indicates that the Prefix digit 1 is never outpulsed.

  — 1—indicates that the Prefix digit 1 is outpulsed if and *only if* the call is a 10-digit call. Prefix Mark 1 should be selected for those HNPAs that require users to dial "1" to indicate a toll call.

  — 2—indicates that the Prefix digit 1 is outpulsed for ***all*** toll calls, 7- and 10-digit.

  — 3—indicates that the Prefix digit 1 is outpulsed for ***all*** toll calls. These calls are always outpulsed as 10-digit numbers, even those within the HNPA.

  Note: Prefix Marks 2 and 3 must refer to a Toll Table (see next entry).

- Toll List—Enter a number, 1 through 32, that references the ARS Toll Table assigned to this trunk group. This field must be completed if the Prefix Mark is 2 or 3.

- No. Del Digits—Enter the total number of digits (0 through 11) to be deleted when this trunk group is selected for use within this pattern.

- Inserted Digits—Enter the actual digits to be inserted, 0 to 36. The digits may be divided into groups separated by a wait for dial tone separator. "Wait" takes two digit places. The "," is used for pause, "+" for the second dial tone, and "%" for end-to-end signaling.

ROUTING PATTERN

Pattern Number: ___

Pattern Assignments (Enter Up To 6)

	Grp. No.	FRL	NPA	Prefix Mark	Toll List	No. Del Digits	Inserted Digits
1.	___	_	___	_	_	_	_____
2.	___	_	___	_	_	_	_____
3.	___	_	___	_	_	_	_____
4.	___	_	___	_	_	_	_____
5.	___	_	___	_	_	_	_____
6.	___	_	___	_	_	_	_____

Trunks

General

This part contains the forms and instructions required to implement the System 75 trunk groups. A blank form for each trunk group is in Part 7. Reproduce a copy of the appropriate blank form for each trunk group to be implemented. Up to 99 trunk groups can be assigned. If the Hospitality Parameter Reduction feature is used, up to fifty trunk groups maximum can be assigned.

The following forms are used to assign the trunk groups.

- **Access Trunk Group**
- **APLT Trunk Group**
- **Central Office Trunk Group**
- **CPE Trunk Group**
- **Direct Inward Dialing Trunk Group**
- **DMI Trunk Group**
- **Foreign Exchange Trunk Group**
- **Personal Central Office Line Groups (PCOLGS)**
- **Release Link Trunk Group**
- **Tandem Trunk Group**
- **Tie Trunk Group**
- **Wide Area Telecommunications Service Trunk Group (WATS)**

The following paragraphs provides a reference source for various trunk-related terms. Refer to this material for additional information when using the system's trunk group forms or when reading associated trunk group field descriptions.

Trunk Characteristics

A trunk is named for its transmission characteristics and can be analog or digital depending on the type of signals it carries. One transmission characteristic is signaling. Signaling is the transmission of supervision, address, alerting, or other switching information between switches.

A trunk is further classified as one of the following:

- 1-way incoming trunk—A local trunk that can be selected (seized) by the far-end connected switch.
- 1-way outgoing trunk—A trunk that can be seized by the local switch to call the far-end switch.
- 2-way trunk—A trunk that can be seized at either end of the connected switches.

Transmission of Supervision

One of four types of supervision signaling is used in trunks. These four types are:

- E & M (Ear & Mouth) supervision—A symmetric signaling scheme used on private network trunks in which dc voltage levels are sent over E and M leads. The E and M leads are separate from the transmission path (T & R leads). E & M signals indicate on-/off-hook states of each end of the connection path. E & M signaling is further divided into types (Type I through V). DIMENSION® PBX systems use only Type I and System 75 and System 85 can use Type I or V. Type I is signaling from the trunk interface to the far-end over the M lead using nominal -48 volts for off-hook and local ground for on-hook. Signaling from the far-end is over the E lead using far-end ground for off-hook and open for on-hook. Type V is signaling in both directions by means of open for on-hook and ground for off-hook.
- GS (Ground Start) supervision—A supervisory signaling scheme used on public network trunks in which ground is applied on the Tip (T) lead by the CO, and on the Ring (R) lead by the PBX. For example, the calling PBX on a call to a central office using an outgoing trunk interface seizes the outgoing trunk by placing a ground on the trunk interface R lead. The CO recognizes the trunk seizure as a request for service and grounds the trunk T lead to indicate to the calling PBX that the CO is ready to receive digits.
- LS (Loop Start) supervision—A supervisory signaling scheme used between a voice terminal and a PBX in which the voice terminal completes the loop current path. The loop current path is completed with the addition of battery polarity reversal used for answer supervision and a positive/negative 130-V dc signal applied from ground to both tip and ring conductors.
- RB (Reverse Battery) supervision—A supervisory technique on 1-way trunks that uses open and closure signals from the originating end and reversals of battery and ground from the terminating end (normally used on direct inward dialing trunks).

Transmission of Address

With signaling there are three types of transmission of address. Transmission of address is the method of signaling used to represent digits and/or characters for called numbers, calling numbers, etc. The methods of addressing are dial pulse (DP), dual tone multifrequency (DTMF), and multifrequency (MF) addressing.

- **DP addressing—A means of signaling that consists of regular momentary interruptions of a direct or alternating current at the sending end in which the number of interruptions corresponds to the value of a digit or character (alternating current is not used by PBXs). The interruptions are usually produced by a rotary telephone dial, or may be produced by a sender in a switching system.**

Ž **DTMF addressing—Signaling arrangements (commonly known as touch-tone) consist of dialing signals of two simultaneous tones. One tone from a low group of four frequencies and the other from a high group of four frequencies correspond to digits, letters, or characters (0 through 9, A through Y, or * and #). One of the tones (1633 Hz) from the high group is a spare.**

- **MF addressing—Signaling arrangements that make use of two frequencies, and only two, out of six to represent ten decimal digits (0 through 9) and five auxiliary signals. MF signals are used for called number addressing, calling number identification, ringback, and coin control.**

Transmission of Alerting

Network trunks operate as automatic, immediate start, dial tone, wink start, or delay dial according to the type of start dial signal (alerting) the switch sends out or expects to receive. The different transmissions of alerting are as follows:

- **Automatic—The originating switch sends no digits or start dial signal, expecting the terminating switch to complete the call. The call is usually completed by the attendant or other service such as Centralized Attendant Service (CAS).**

- **Immediate start-The originating switch sends digits immediately, without waiting for a start dial signal from the terminating switch.**

- **Dial tone—The terminating switch sends precise dial tone to the originating switch, indicating that the terminating switch is ready to receive digits.**

Ž **Wink start-The terminating switch sends a wink start (momentary off-hook) signal to the originating switch, indicating that the terminating switch is ready to receive digits.**

- **Delay dial—The terminating switch sends a delay dial signal (an off-hook signal followed by an on-hook signal) to the originating switch, indicating that the terminating switch is ready to receive digits.**

With digital trunks, signaling schemes are basically the same as for analog trunks when establishing a call. Supervisory, addressing, and alerting have been carried over to the digital trunks. These schemes are handled in a variety of ways to indicate particular calling states, such as on-hook, off-hook, ringing, not ringing, etc., by using "A" and "B" bit timed signaling. "A" and "B" bits carry a 0 or 1 depending on the type of trunk, the near-end channel unit type, far-end channel type, trunk condition (open loop, loop closure, reverse battery, etc.), and whether it is transmit or receive signaling.

In addition to the preceding, refer to the DS1 Circuit Pack coverage (Chapter 5) for trunk-related terms associated with DS1 trunk interfaces.

Private *Network Trunks*

Priate network trunks are referred to as tie trunks. The tie trunks that interconnect the switches of a private network are "universal" which means that the trunks can be administered with a variety of translation encodes. The originating switch can recognize any start dial signal (precise dial tone, wink start, or delay dial) that the terminating switch sends. If the originating switch does not receive one of these start dial signals, it can be administered to send digits after an administered time-out interval. The time-out interval is the amount of time the originating switch waits before sending digits.

Tie trunks are further classified according to the type of signal (analog or digital) they carry.

Analog Tie Trunks

Analog tie trunks are communications paths that carry voice and voiceband data communication. The term voice implies that sound is transferred into electrical form and transmitted within an approximate voiceband of 300 Hz to 3400 Hz. Voiceband data implies that data is transmitted within the voiceband and requires a conversion resource (modem) at both ends of the connection. The data transmission rate for analog tie trunks depends on the data-handling capability of the modems in the connection. Other factors that affect the data rate are the number of tie trunks in the connection and the technology of any multiplex systems used in the facilities. Generally, for data rates up to 300 bps, a connection can have five tie trunks in tandem. For data rates greater than 300 bps up to 2400 bps, a connection can have up to three tie trunks in tandem. For data rates greater than 2400 bps up to 4800 bps, a connection can have up to two tie trunks in tandem.

Analog tie trunks used in unstitched connections can support up to 9600 bps.

A special type of private network tie trunk is a Release Link Trunk. The Release Link Trunk (RLT) is used between a central or main location and a branch location to provide Centralized Attendant Service (CAS). It functions as a 1-way outgoing circuit from the branch locations and a 1-way incoming to the main location. RLTs participate in the redirection of incoming calls originally directed to the branch location to attendants at the main location and handle call completion back to the branch location.

Another special type of trunk is the Advanced Private Line Termination (APLT) trunk. APLT provides access to and termination from central office based private networks, namely, Common Control Switching Arrangements (CCSA) and Enhanced Private Switched Communications Service (EPSCS). APLT trunks are physically the same as those used for analog tie trunks where the trunk signaling is compatible with EPSCS and CCSA network switches. The outgoing APLT trunk repeats any number of digits to the private network as dialed. APLT trunks can tandem through the PBX from EPSCS network only, whereas CCSA networks require an attendant to complete the call.

Digital Tie Trunk (DS1)

The digital tie trunk is a high-speed and a high-volume trunk interface to T1 carrier. It uses digital signal (DS1) on the T1 carrier. By multiplexing twenty-four 64-kbps digital channels onto a single 1.544-Mbps T1 carrier, DS1 offers an economical alternative to the analog tie trunk as well as a high-speed fully digital (without modems) connection between the switches.

The maximum per-channel data rate for DS1 is 64 kbps, and it can carry voice, voiceband data, or high-speed data communications.

The DS1 tie trunk is also used for Digital Multiplexed Interface (DMI). DMI provides high-speed communications over digital transmission facilities between a host computer and System 75 or System 85. The DMI trunk uses the "A" bit for signaling to provide wink-start dial-repeating into the switch and automatic out or 2-way wink start.

Public Network Trunks

Public network trunks are classified according to the type of signal (analog or digital) they carry. Public network trunks are used to connect a private network switch to a public network switch (central office). In reference to a central office, the term "local" applies to a switch within the local exchange area. An exchange area has a single uniform set of charges for telephone service and may be served by more than one central office (CO). Within an exchange area, a call between any two points is a local call.

Public network trunks also function as "special access" to AT&T Communications (AT&T-C) toll network. AT&T-C provides such services as MEGACOM@ service, MEGACOM 800 service, and ACCUNET® digital service.

Analog Trunks

Analog public network trunks are as follows:

- Central Office (CO) Trunk—A 1-way outgoing, 1-way incoming, or 2-way trunk connecting the switch to a CO within the local exchange area.
- Foreign Exchange (FX) Trunk—A 1-way outgoing, 1-way incoming, or 2-way trunk connecting the switch to a CO that is outside the local exchange area. These trunks give a caller direct access to a CO outside the local exchange area without having to use the public network.
- Wide Area Telecommunications Service (WATS) Trunk—A 1 -way outgoing or 1 -way incoming trunk connecting the switch to a CO equipped to handle WATS calls. The outgoing trunks allow a customer, for a monthly charge, to place outgoing station-to-station calls to telephones in a defined service area. The service area has one or more geographic areas known as WATS bands. Incoming trunk calls are completed by the attendant or other service.

- **800 Service Trunk—A 1-way incoming trunk connecting the switch to a CO equipped to handle 800 Service calls (also known as Inward WATS). These trunks allow a customer, for a monthly charge, to receive incoming station-to-station calls from telephones in a defined service area without charge to the caller.**
- **Direct Inward Dialing (DID) Trunk—A 1-way incoming trunk connecting the switch to a local CO. These trunks allow calls from the public network to complete to terminals (stations) assigned to a private network switch without attendant assistance.**
- **Direct Outward Dialing (DOD) Trunk—A 1-way outgoing trunk for outgoing calls connecting the switch to a CO. These trunks allow voice terminal (station) users to place calls to a public network CO directly (without attendant assistance).**

Digital Trunks

The digital public network trunk provides a DS1 interface to the CO over T1 carrier. The DS1 public network trunk provides an interface to CO, FX, WATS, and DID. These trunks provide loop-start and ground start switch CO, FX, and WATS incoming/outgoing type trunks, and reverse battery DID trunks. The DS1 interface also allows the assignment of several trunk types with varying characteristics to the same trunk interface. Therefore, it may also connect the switch to a toll office directly using wink start tie trunks for 2-way access to the toll network.

Access Trunk Group

Purpose

This form is used to assign Access Trunk Groups and Trunk Ports. Access trunks allow the System 75 to communicate with another PBX as a main or tandem switch. This trunk group will not transmit or receive Traveling Class Marks (TCMs).

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameter Reduction feature, enter a trunk group number from 1 through 50.
- Group Type—Enter the type of trunk group, in this case: access.
- SMDR Reports—Enter "y" to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are "y" or "n."
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. This TAC must be entered on the form. Allowable entries are TACs that are compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group on the associated SMDR reports.
- Direction—Identify whether the trunk group is incoming, outgoing, or two-way. If "two-way" or "outgoing" is entered, the Auth Code field may be filled in.
- Outgoing Display—Specify whether or not the trunk group name is displayed on outgoing calls. Allowable entries are "y" or "n."
- Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are "y" or "n."
- MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are "y" or "n."
- Dial Access—Indicate if the trunk group can be accessed via a trunk access code. Allowable entries are "y" or "n."
- Busy Threshold—Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console.

- **Night Service—Enter the extension number assigned to Night Service. The extension number entered will receive all incoming calls when Night Service is activated. Allowable entries are an extension number, 0 (attendant), *or* blank.**

- **Queue Length—Enter a number from 0 through 100 that indicates the number of outgoing calls that can be held waiting. A 0 indicates no calls will be held in queue. Enter 0 for DCS trunks.**

- **Incoming Destination—Indicate where incoming calls will terminate. Allowable entries are a remote access extension number, 0 (attendant), *or* blank. If 0 is entered, the call is treated as a Listed Directory Number (LDN) call. This field must be left blank if the trunk is automatic on the incoming side.**

Ž **Comm Type—Indicate if the trunk is to be used for voice, data, or alternate voice-data calls. Allowable entries are avd, voice, or data.**

- **Auth Code—Enter "y" if an authorization code must be dialed to complete incoming calls on the trunk group; otherwise, enter "n. " This field is displayed if "two-way" or "outgoing" is entered in the Direction field on the trunk group.**

Ž **Trunk Type (in/out)—Identify the physical type of incoming and outgoing trunks. Allowable entries are listed below.**

auto/auto	auto/delay	auto/immed	auto/wink
delay/auto	delay/delay	delay/immed	delay/wink
immed/auto	immed/delay	immed/immed	immed/wink
wink/auto	wink/delay	wink/immed	wink/wink

- **Incoming Rotary Timeout—Enter the timing interval required by the central office that the System 75 is connected to. If the System 75 is connected to a step-by-step office, 18 or more seconds must be used; if the System 75 is not connected to a step-by-step office, 5 or more seconds may be used. The maximum value is 99 seconds. Allowable entries are 5 through 99.**

- **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are automatic, tone, or rotary.**

- **Incoming Dial Type—Indicate the type of pulses required on an incoming trunk group. Allowable entries are tone or rotary.**

- **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it 'receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 to 2550 milliseconds).**

- **Digit Treatment—Indicate if the digits entered are to be absorbed or inserted. No entry indicates no digit absorption or insertion is done. See Digits. Allowable entries are absorption or insertion. This field must be left blank for auto/auto type trunks.**

- **Digits—Enter the number of digits to be inserted or the number of digits to be absorbed. This field is used with the Digit Treatment field. No entry indicates no digit absorption or insertion is done. See Digit Treatment. Allowable entries are 1**

through 5 *or* the digit string to be inserted.

- Used for DCS?—indicate whether or not the trunk will send and receive messages on a DCS Signaling Link. Allowable entries are "y" or "n. " If "y" is entered, complete the PBX ID field.

- PBX lD—identify the remote PBX within the network that the trunk will communicate with on a DCS Signaling Link. Allowable entries are 1 through 63.

- ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are "y" or "n. " If "y" is entered, complete the next three fields.

Ž Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 through 10.

- Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.

- Short Holding Threshold—Enter the number of times that the system will record a short holding call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.

Ž Incoming Dial Tone—Indicate whether or not there is an incoming dial tone. Allowable entries are "y" or "n."

Ž Maintenance Tests—Indicate if maintenance tests will be performed on an hourly basis for this trunk group. Allowable entries are "y" or "n. "

- Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision.

- Suppress # Outpulsing—Enter "y" to indicate end-to-end signaling begins with (and includes) the "#. "

Ž Port-Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.

Ž Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members starting with an "N" followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.

- **Mode—Specify the mode used on Tie Trunks with TN722A, TN722B, or TN760B circuit packs. Allowable entries are “e&m” (interface), “simplex” (phantomed), or “protected.”**

Ž **Type—Specify the type of trunk used. Allowable entries are “t1 stan” (Type 1 Standard), “t1 comp” (Type 1 Compatible), or “type 5.”**

- **Answer Delay—Specify the length of the answer delay in milliseconds for DS1 or Tie Trunks using the TN722A, TN722B, or TN760B, C, or D circuit packs. Allowable entries are 20 through 5100 in increments of 20. Used to delay the up-link Answer message. This serves three functions: (1) to assure that the answer supervision signal is valid and not a secondary delay-dial or wink-start signal, (2) to bridge over momentary off-hook signals resulting from connections made off-network through certain crossbar switches as the connection is being established, and (3) to delay cut through in release link trunk applications so the central attendant does not miss call progress tones.**

TRUNK GROUP   Page 1 of 5

Group Number: ___   Group Type: access   SMDR Reports? y

Group Name: OUTSIDE CALL   COR: 1   TAC: __

Direction: two-way   Outgoing Display? n   Data Restriction? n

MIS Measured? n

Dial Access? y   Busy Threshold: 60   Night Service: _____

Queue Length: 0   Incoming Destination: __

Comm Type: voice   Auth Code? n

TRUNK PARAMETERS

Trunk Type (in/out): _________   Incoming Rotary Timeout: 5

Outgoing Dial Type: tone   Incoming Dial Type: tone

Disconnect Timing(msec): 500

Digit Treatment: ________   Digits: _____

Used for DCS? y   PBX ID: 1

ACA Assignment? n   Long Holding Time(hours): 1

Short Holding Time(secs.): 10   Short Holding Threshold: 15

Incoming Dial Tone? y   Maintenance Tests? y

Answer Supervision Timeout? __   Suppress # Outpulsing? n

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- Long Holding Time (hours)
- Short Holding Time (secs.)
- Short Holding Threshold

The PBX ID field only appears on this form if y is assigned to the Used for DCS field.

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

APLT Trunk Group

Purpose

This form is used to assign APLT Trunk Groups and Trunk Ports. APLT Trunk Groups provide access between the System 75 and another PBX or Centrex office.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameter Reduction feature, enter a trunk group number from 1 through 5.
- Group Type—Enter the type of trunk group, in this case: aplt.
- SMDR Reports—Enter "y" to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are "y" or "n. "
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.

Ž TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. This TAC must be entered on the form. Allowable entries are TACs that are compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.

- Direction—identify whether the trunk group is incoming, outgoing, or two-way. If "two-way" or "outgoing" is entered, the Auth Code field may be filled in.

Ž Outgoing Display—Specify whether or not the trunk group name is displayed on outgoing calls. Allowable entries are "y" or "n. "

Ž Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are "y" or "n."

Ž MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are "y" or "n."

Ž Dial Access—Indicate if the trunk group can be accessed via a trunk access code. Allowable entries are "y" or "n."

- Busy Threshold—Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console.

- **Night Service—Enter the extension number assigned to Night Service. The extension number entered will receive all incoming calls when Night Service is activated. Allowable entries are an extension number, 0 (attendant), *or* blank.**

- **Queue Length—Enter a number from 0 through 100 that indicates the number of outgoing calls that can be held waiting. A 0 indicates no calls will be held in queue.**

Ž **Internal Alert—Indicate whether or not internal ringing and coverage will be used for incoming calls on this trunk group. Allowable entries are "y" or "n".**

- **Incoming Destination—Indicate where incoming calls will terminate. Allowable entries are a remote access extension number, 0 (attendant), *or* blank. If 0 is entered, the call is treated as a Listed Directory Number (LDN) call. This field must be left blank if the trunk is automatic on the incoming side.**

- **Auth Code—Enter "y" if an authorization code must be dialed to access the trunks in a trunk group; otherwise, enter "n. " This field is displayed if "two-way" or "outgoing" is entered in the Direction field on the trunk group.**

Ž **Trunk Type (in/out)—Identify the physical type of incoming and outgoing trunks. Allowable entries are listed below.**

auto/auto	auto/delay	auto/immed	auto/wink
delay/auto	delay/delay	delay/immed	delay/wink
immed/auto	immed/delay	immed/immed	immed/wink
wink/auto	wink/delay	wink/immed	wink/wink

- **Incoming Rotary Timeout (sec)—Enter the timing interval required by the central office that the System 75 is connected to. If the System 75 is connected to a step-by-step office, 18 or more seconds must be used; if the System 75 is not connected to a step-by-step office, 5 or more seconds may be used. The maximum value is 99 seconds. Allowable entries are 5 through 99.**

- **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are tone or rotary.**

Ž **Incoming Dial Type—Indicate the type of pulses required on an incoming trunk group. Allowable entries are tone or rotary.**

Ž **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2550 milliseconds).**

- **ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are "y" or "n. " If "y" is entered, complete the next three fields.**

- **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 through 10.**

- **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.**

- **Short Holding Threshold—Enter the number of times that the system will record a short holding call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

Ž **Incoming Dial Tone—Indicate whether or not there is an incoming dial tone. Allowable entries are "y" or "n."**

Ž **Maintenance Tests—Indicate if maintenance tests will be made on an hourly basis for this trunk group. Allowable entries are "y" or "n."**

Ž **Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision.**

Ž **Suppress # Outpulsing—Enter "y" to indicate end-to-end signaling begins with (and includes) the "#."**

Ž **Port—Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.**

Ž **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members starting with an "N" followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.**

- **Mode—Specify the mode used on Tie Trunks with TN722A, TN722B, or TN760B circuit packs. Allowable entries are "e&m" (interface), "simplex" (phantomed), or "protected."**

- **Type—Specify the type of trunk used. Allowable entries are "t1 stan" (Type 1 Standard), "t1 comp" (Type 1 Compatible), or "type 5."**

Ž **Answer Delay—Specify the length of the answer delay in milliseconds for Tie Trunks using the TN722A, TN722B, or TN760B circuit packs. Allowable entries are 20 through 5100 in increments of 20. Used to delay the up-link Answer message. This serves three functions: (1) to assure that the answer supervision signal is valid and not a secondary delay-dial *or* wink-start signal, (2) to bridge over momentary off-hook signals resulting from connections made off-network through certain crossbar switches as the connection is being established, and (3) to delay cut through in release link trunk applications so the central attendant does not miss call progress tones.**

```
                         TRUNK GROUP                Page 1 of 5

   Group Number: __          Group Type: aplt      SMDR Reports? y
    Group Name: OUTSIDE CALL      COR: 1                 TAC: __
     Direction: two-way Outgoing Display? n    Data Restriction? n
   MIS Measured? n
    Dial Access? y        Busy Threshold: 60     Night Service: ___
   Queue Length: 0        Internal Alert? n Incoming Destination: ___
                           Auth Code? n

  TRUNK PARAMETERS
   Trunk Type(in/out): ________     Incoming Rotary Timeout(sec): 5
   Outgoing Dial Type: tone              Incoming Dial Type: tone
                                  Disconnect Timing(msec): 500
      ACA Assignment? n              Long Holding Time(hours): 1
 Short Holding Time(secs.): 10       Short Holding Threshold: 15
    Incoming Dial Tone? y                Maintenance Tests? y
   Answer Supervision Timeout: ______   Suppress # Outpulsing? n
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

```
GROUP MEMBER ASSIGNMENTS                    Page 2 of 5

     Port   Name      Mode      Type      Answer  Delay

 1:
 2:
 3:
 4:
 5:
 6:
 7:
 8:
 9:
10:
11:
12:
13:
14:
15:
```

```
GROUP  MEMBER  ASSIGNMENTS                  Page 3 of 5

     Port   Name      Mode      Type      Answer  Delay

16:
17:
18:
19:
20:
21:
22:
23:
24:
25:
26:
27:
28:
29:
30:
```

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Central Office Trunk Group

Purpose

This form is used to assign Central Office (CO) Trunk Groups and Trunk Ports. CO Trunk Groups connect the System 75 to a local central office.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. Allowable entries are 1 through 99. For the Hospitality Parameter Reduction feature, enter a trunk group number from 1 through 50.
- Group Type—Identify the type of trunk group, in this case: co.
- SMDR Reports-Enter "y" to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are "y" or "n. "
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. This TAC must be entered on the form. Allowable entries are TACs compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.
- Direction—Identify whether the trunk group is incoming, outgoing, or two-way. If "two-way" or "outgoing" is entered, the Auth Code field may be filled in.
- Outgoing Display—Specify whether or not the trunk group name is displayed on outgoing calls. Allowable entries are "y" or "n. "
- Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are "y" or "n."
- MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are "y" or "n."
- Dial Access—Indicate if the trunk group can be accessed via a trunk access code. Allowable entries are "y" or "n."
- Busy Threshold—Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console.

- **Night Service—Enter the extension number assigned to Night Service. The extension number entered will receive all incoming calls when Night Service is activated. Allowable entries are an extension number, 0 (attendant), or blank.**

Ž **Queue Length—Enter a number from 0 through 100 that indicates the number of outgoing calls that can be held waiting. A 0 indicates no calls will be held in queue.**

- **Abandoned Call Search—Indicate if the trunk group will conduct an Abandoned Call Search (ACS) to identify a ghost call on a ground-start trunk group. Allowable entries are "y" or "n. "**

- **Incoming Destination—Indicate where incoming calls will terminate. Allowable entries are a remote access extension number, 0 (attendant), blank, regular extension number, announcement, or extension number. If 0 is entered, the call is treated as a Listed Directory Number (LDN) call. This field must be left blank if the trunk is automatic on the incoming side.**

Ž **Comm Type—Indicate if the trunk group is to be used for voice, data, or alternate voice data calls. Allowable entries are avd, voice, or data. AVD means the trunk group can be used for both voice and digital applications.**

Ž **Auth Code—Enter "y" if an authorization code must be dialed to complete incoming calls on the trunk group; otherwise, enter "n." This field is displayed if "two-way" or "outgoing" is entered in the Direction field on the trunk group.**

- **Digit Absorption List—Enter a list number from 0 through 4 that is required when the trunk group terminates at a step-by-step central office. One list is used for each trunk group that is connected to a step-by-step office.**

Ž **Prefix-1 —Indicate if the prefix 1 is required for area code calls. The prefix 1 distinguishes between area and local office codes. Allowable entries are "y" or "n."**

- **Restriction—Each CO trunk group may be assigned as toll or code. Toll Restriction restricts callers at specified voice terminals from placing toll calls without attendant assistance. An Allowed Calls List is associated with Toll Restriction. Up to 10 Area codes and/or Central Office codes can be allowed. Code Restriction allows voice terminal users to place calls from authorized extension numbers to specified Central Office numbers, Area codes, and special Service codes. Toll Restriction and Code Restriction cannot be used together in the same trunk group. Leave this field blank for automatic CO trunks. Allowable entries are toll, code, *or* blank. This field should be left blank for automatic CO trunks.**

Ž **Allowed Calls List—Contains the Central Office codes, Foreign Exchange codes, and Service codes that can be dialed independently of the 0/1 toll restriction. Allowable entries are "y" or "n. " This field appears if "toll" is entered in the restriction field.**

Ž **Trunk Type—Identify the physical type of trunk. Allowable entries are ground-start, loop-start, auto/immed, auto/wink, auto/delay, and auto/auto.**

- **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are tone, rotary, or automatic.**

Ž **Trunk Termination—Define how the trunk group is terminated. The System 75 trunk group can terminate in a resistance of 600 ohms, or a resistor capacitor (rc) network. Allowable entries are 600ohm or rc; rc is used for long loops and 600ohm is used for short loops. Resistor Capacitor (rc) is the recommended entry. The 600ohm value is necessary for connection to Customer Premises Facility Terminating equipment (short loop) and for voice transmission associated with low frequency return loss requirements.**

Ž **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2550 milliseconds). Enter 500 unless the trunk is connected to a step-by-step office. Enter 200 if the trunk is connected to a step-by-step office.**

- **ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are y or n. If "y" is entered, complete the next three fields.**

- **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If "0" is entered, the system will not consider long holding calls. Allowable entries are 0 through 10.**

- **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If "0" is entered, the system will not consider short holding calls. Allowable entries are 0 through 160.**

- **Short Holding Threshold—Enter the number of times that the system will record a short holding call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

Ž **Maintenance Tests—Indicate if maintenance tests will be made on this trunk group. Allowable entries are "y" or "n".**

Ž **Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision. For ground-start or loop-start trunks, the Answer Supervision Timeout field will set the firmware answer supervision time-out. If this field is left blank, the firmware answer supervision time-out will be set to a default time of 10 seconds.**

- **Suppress # Outpulsing—Enter "y" to indicate end-to-end signaling begins with (and includes) the "#."**

- **Port-Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.**

- **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members starting with an "N" followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.**

- **Mode—Specify the mode used on the trunk. Allowable entries are "e&m" (interface), "simplex" (phantomed), or "protected."**

Ž **Type—Specify the type of trunk used. Allowable entries are "t1 stan" (Type 1 Standard), "t1 comp" (Type 1 Compatible), or "type 5."**

- **Answer Delay—Specify the length of the answer delay in milliseconds. Allowable entries are 20 through 5100 in increments of 20. Used to delay the up-link Answer message. This serves three functions: (1) to assure that the answer supervision signal is valid and not a secondary delay-dial or wink-start signal, (2) to bridge over momentary off-hook signals resulting from connections made off-network through certain crossbar switches as the connection is being established, and (3) to delay cut through in release link trunk applications so the central attendant does not miss call progress tones.**

```
                              TRUNK GROUP                    Page 1 of 5
    Group Number:_              Group Type: co       SMDR Reports? y
     Group Name: OUTSIDE CALL      COR: 1                 TAC : _
      Direction: two-way Outgoing Display? n   Data Restriction? n

    MIS Measured? n
     Dial Access? y        Busy Threshold: 60     Night Service: ____
    Queue Length: 0  Abandoned Call Search? n  Incoming Destination: _
      Comm Type: voice         Auth Code? n   Digit Absorption List: _

       Prefix-1? n      Restriction: code  Allowed Calls List? n
    TRUNK PARAMETERS
          Trunk Type:__________
    Outgoing Dial Type: tone
     Trunk Termination: rc           Disconnect Timing(msec): 500
       ACA Assignment? n            Long Holding Time(hours): 1
Short Holding Time(secs.): 10      Short Holding Threshold: 15
                                           Maintenance Tests? y
Answer Supervision Timeout: _          Suppress # Outpulsing? n
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- Long Holding Time (hours)
- Short Holding Time (secs.)
- Short Holding Threshold

The Allowed Calls List field appears if ''toll'' is entered in the Restriction field.

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

CPE Trunk Group

Purpose

This form is used to assign CPE Trunk Groups and Trunk Ports. CPE Trunk Groups provide access between the System 75 and customer provided equipment.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameter Reduction feature, enter a trunk group number from 1 through 50.
- Group Type—Identify the type of trunk group, in this case: cpe.
- SMDR Reports—Enter "y" to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are "y" or "n. "
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. This must be entered on the form. Allowable field entries are TACs compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.
- Outgoing Display—Specify whether or not the trunk group name is displayed on outgoing calls. Allowable entries are "y" or "n. "
- Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are "y" or "n."
- MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are "y" or "n."
- Dial Access—Indicate if the trunk group can be accessed via a trunk access code. Allowable entries are "y" or "n."
- Busy Threshold—Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console.
- Queue Length—Enter a number from 0 through 100 which indicates the number of outgoing calls that can be held waiting. A 0 indicates no calls will be held in queue.

- **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2500 milliseconds).**

- **End-to-End Signaling—Used to pass control signals to the customer-provided equipment. The timing values for end-to-end signaling range from 60 through 360 milliseconds. This timing should be used with Recorded Telephone Dictation and other applications where the transmitted signals might compete with noise or other voice signals for recognition by the receiving device. Allowable entries are 60 through 360 in increments of 10.**

- **ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are "y" or "n. " If "y" is entered, complete the next three fields.**

- **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 through 10.**

- **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.**

- **Short Holding Threshold—Enter the number of times that the system will record a short holding call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

- **Maintenance Tests—Indicate if maintenance tests will be made on an hourly basis for this trunk group. Allowable entries are "y" or "n".**

- **Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision.**

- **Suppress # Outpulsing—Enter "y" to indicate end-to-end signaling begins with (and includes) the "#."**

- **Port-Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.**

- **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members starting with an "N" followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.**

```
                         TRUNK GROUP                    Page 1 of 5
    Group Number: __           Group Type:  cpe      SMDR Reports? y
     Group Name: OUTSIDE CALL      COR: 1_                 TAC : __
                        Outgoing Display? n     Data Restriction? _
    MIS Measured? n
     Dial Access? y        Busy Threshold: _60
    Queue Length: 0

    TRUNK PARAMETERS
                                      Disconnect  Timing(msec)500
    End-to-End  Signaling60
         ACA Assignment?y             Long Holding Time(hours): 1_
 Short Holding Time(secs.): 10        Short Holding Threshold: 15
                                            Maintenance Tests? y
   Answer Supervision Timeout: _        Suppress # Outpulsing? n
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- Long Holding Time (hours)
- Short Holding Time (secs.)
- Short Holding Threshold

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name
1:		
2:		
3:		
4:		
5:		
6:		
7:		
8:		
9:		
10:		
11:		
12:		
13:		
14:		
15:		

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name
16:		
17:		
18:		
19:		
20:		
21:		
22:		
23:		
24:		
25:		
26:		
27:		
28:		
29:		
30:		

```
  GROUP  MEMBER  ASSIGNMENTS                    Page 4 of 5

      Port   Name

31:
32:
33:
34:
35:
36:
37:
38:
39:
40:
41:
42:
43:
44:
45:
```

```
  GROUP  MEMBER  ASSIGNMENTS                    Page 5 of 5

      Port   Name

31:
32:
33:
34:
35:
36:
37:
38:
39:
40:
41:
42:
43:
44:
45:
```

Direct Inward Dialing Trunk Group

Purpose

This form is used to assign Direct Inward Dialing (DID) Trunk Groups and Trunk Ports. DID trunks allow an incoming call from the exchange network to reach a specific extension number in the System 75 without attendant help.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameters Reduction feature, enter a trunk group number from 1 through 50.
- Group Type—Enter the type of trunk group, in this case: did.
- SMDR Reports—Enter ‘‘ y“ to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are “y” or “n. ”
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. Allowable entries are TACs compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.
- MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are “y” or “n.”
- Auth Code—Enter “y” if an authorization code must be dialed to complete incoming calls on the trunk group; otherwise, enter “n. ” This field is displayed if “two-way” or “outgoing” is entered in the Direction field on the trunk group.
- Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are “y” or “n.”
- Trunk Type—Identify the physical type of trunk. Allowable entries are “immed-start” or “wink-start.”
- Incoming Rotary Timeout—Enter the timing interval required by the central office that the System 75 is connected to. If the System 75 is connected to a step-by-step office, 18 or more seconds must be used; if the System 75 is not connected to a step-by-step office, 5 or more seconds may be used. The maximum value is 99 seconds. Allowable entries are 5 through 99.

- **Incoming Dial Type—Indicate the type of pulses required on an incoming trunk group. Allowable entries are tone or rotary.**

- **Trunk Termination—Define how the trunk group is terminated. The System 75 trunk group can terminate in a resistance of 600 ohms, or a resistor capacitor (rc) network. Allowable entries are 600ohm or rc.**

- **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2550 milliseconds). Enter 500 if the trunk is connected to a step-by-step office. Enter 200 if the trunk is not connected to a step-by-step office.**

- **Digit Treatment—Indicate if the digits entered are to be absorbed or inserted. No entry indicates no digit absorption or insertion is done. See Digits. Allowable entries are absorption or insertion. This field must be left blank for auto/auto type trunks.**

- **Digits—Enter the actual number of digits to be inserted or the number of digits to be absorbed. This field is used with the Digit Treatment field. No entry indicates no digit absorption or insertion is done. See Digit Treatment. Allowable entries are 1 to 5 *or* the digit string to be inserted.**

- **Expected Digits—Enter the number of digits to be sent from the central office on a call.**

- **ACA Assignment?—Specify if Automatic Circuit Assurance measurements will be taken for this trunk group. Allowable entries are "y" or "n." If "y" is entered, complete the next three fields.**

- **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 through 10.**

- **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.**

- **Short Holding Threshold—Enter the number of times that the system will record a short holding time call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

- **Maintenance Tests—Indicate if maintenance tests will be made on an hourly basis for this trunk group. Allowable field entries are "y" or "n."**

- **Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision.**

- **Port-Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.**

- **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number.**

```
                         TRUNK GROUP                  Page 1 of 5

    Group Number:               Group Type: did       SMDR Reports? y
     Group Name: OUTSIDE CALL      COR: 1                  TAC : ___
    MIS Measured: n              Auth Code: n     Data Restriction? n

    TRUNK PARAMETERS
          Trunk Type: _____          Incoming Rotary Timeout: 5
                                        Incoming Dial Type: tone
     Trunk Termination: rc           Disconnect Timing(msec): 500
       Digit Treatment: ______                  Digits: _____
       Expected Digits: _____
       ACA Assignment?  y           Long Holding Time(hours): 1
  Short Holding Time(secs.): 10      Short Holding Threshold: 15
                                          Maintenance Tests? y
 Answer Supervision Timeout: ___
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name
1:		
2:		
3:		
4:		
5:		
6:		
7:		
8:		
9:		
10:		
11:		
12:		
13:		
14:		
15:		

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name
16:		
17:		
18:		
19:		
20:		
21:		
22:		
23:		
24:		
25:		
26:		
27:		
28:		
29:		
30:		

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name
31:		
32:		
33:		
34:		
35:		
36:		
37:		
38:		
39:		
40:		
41:		
42:		
43:		
44:		
45:		

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name
46:		
47:		
48:		
49:		
50:		
51:		
52:		
53:		
54:		
55:		
56:		
57:		
58:		
59:		
60:		

Digital Multiplexed Interface (DMI) Trunk Group

Purpose

This form is used to assign DMI Trunk Groups and Trunk Ports. DMI trunks allow communications to and/or from the System 75 using DMI protocol.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameter Reduction feature, enter a trunk group number from 1 through 50.
- Group Type—Enter the type of trunk group, in this case: dmi.
- SMDR Reports—Enter "y" to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are "y" or "n. "
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. Allowable entries are trunk codes. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.
- Direction—Specify if the trunk group is incoming, outgoing, or two-way. If "two-way" or "outgoing" is entered, the Auth Code field may be filled in.
- Outgoing Display—Specify whether or not the trunk group name is displayed on outgoing calls. Allowable entries are "y" or "n. "
- MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are "y" or "n."
- Dial Access—Indicate if the trunk group can be accessed via a trunk access code. Allowable entries are "y" or "n."
- Busy Threshold—Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console.
- Night Service—Enter the extension number assigned to Night Service. The extension number entered will receive all incoming calls when Night Service is activated. Allowable entries are an extension number, 0 (attendant), *or* blank.

- **Queue Length—Enter a number from 0 through 100 that indicates the number of outgoing calls that can be held waiting. A "0" indicates no calls will be held in queue.**

- **Auth Code—Enter "y" if an authorization code must be dialed to complete incoming calls on the trunk group; otherwise, enter "n. " This field is displayed if "two-way" or "outgoing" is entered in the Direction field on the trunk group.**

Ž **Incoming Destination—Indicate where incoming calls will terminate. Allowable entries are a remote access extension number, 0 (attendant), or blank. If 0 is entered, the call is treated as a Listed Directory Number (LDN) call. This field must be left blank if the trunk is automatic on the incoming side.**

Ž **Trunk Type (in/out)—Identify the physical type of incoming and outgoing trunks. Allowable entries are listed below.**

auto/auto	auto/delay	auto/immed	auto/wink
delay/auto	delay/delay	delay/immed	delay/wink
immed/auto	immed/delay	immed/immed	immed/wink
wink/auto	wink/delay	wink/immed	wink/wink

- **Incoming Rotary Timeout— Enter the timing interval required by the central office that the System 75 is connected to. If the System 75 is connected to a step-by-step office, 18 or more seconds must be used; if the System 75 is not connected to a step-by-step office, 5 or more seconds may be used. The maximum value is 99 seconds. Allowable entries are 5 through 99.**

- **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are tone or rotary.**

Ž **Incoming Dial Type—Indicate the type of pulses required on an incoming trunk group. Allowable entries are tone or rotary.**

- **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2550 milliseconds).**

- **Digit Treatment—Indicate if the digits entered are to be absorbed or inserted. No entry indicates no digit absorption or insertion is done. See Digits. Allowable entries are absorption or insertion. This field must be left blank for auto/auto type trunks.**

- **Digits—Enter the number of digits to be inserted or the number of digits to be absorbed. This field is used with the Digit Treatment field. No entry indicates no digit absorption or insertion is done. See Digit Treatment. Allowable entries are 1 through 5 *or* the digit string to be inserted.**

Ž **ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are "y or n." If "y" is entered, complete the next three fields.**

- **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 through 10.**

- **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.**

- **Short Holding Threshold—Enter the number of times that the system will record a short holding time call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

- **Baud Rate—Enter the bit rate to be used for the pooled modems in the DMI feature. Allowable entries are 300, 1200, 2400, 4800, 9600, or 19200.**

- **Synchronization—Specify if DMI will use synchronous or asynchronous communications. Allowable entries are sync or async.**

- **Duplex—Enter "full" or "half" duplex for the DMI feature,**

- **Incoming Dial Tone—Indicate whether or not there is an incoming dial tone. Allowable entries are "y" or "n."**

- **Maintenance Tests—Indicate if maintenance tests will be made on this trunk group. Allowable entries are "y" or "n."**

- **Answer Supervision Tlmeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision.**

- **Suppress # Outpulsing—Enter "y" to indicate end-to-end signaling begins with (and includes) the "#. "**

- **Port-Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.**

- **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members starting with an "N" followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.**

- **Mode—Specify the mode used on Tie Trunks with TN722B circuit pack. Allowable entries are "e&m" (interface), "simplex" (phantomed), or "protected."**

- **Type—Specify the type of trunk used. Allowable entries are "t1 stan" (Type 1 Standard), "t1 comp" (Type 1 Compatible), or "type 5."**

- **Answer Delay—Specify the length of the answer delay in milliseconds for DS1 or Tie Trunks using the TN722B circuit pack. Allowable entries are 20 through 5100 in increments of 20. Used to delay the up-link Answer message. This serves three functions: (1) to assure that the answer supervision signal is valid and not a secondary delay-dial or wink-start signal, (2) to bridge over momentary off-hook signals resulting from connections made off-network through certain crossbar switches as the connection is being established, and (3) to delay cut through in release link trunk applications so the central attendant does not miss call progress tones.**

TRUNK GROUP Page 1 of 5

Group Number: ____ Group Type: dmi SMDR Reports? y

Group Name: OUTSIDE CALL COR: 1 TAC: _

Direction: two-way Outgoing Display? n

MIS Measured? n

Dial Access? y Busy Threshold: 60 Night Service: ___

Queue Length: 0 Auth Code? n Incoming Destination: 0

TRUNK PARAMETERS

Trunk Type(in/out): ________ Incoming Rotary Timeout: 5

Outgoing Dial Type: tone Incoming Dial Type: tone

Disconnect Timing(msec): 500

Digit Treatment: ______ Digits: _____

ACA Assignment? y Long Holding Time(hours): 1

Short Holding Time(secs.): 10 Short Holding Threshold: 15

Baud Rate: 1200 Synchronization: async Duplex: full

Incoming Dial Tone? y Maintenance Tests? y

Answer Supervision Timeout: _ Suppress # Outpulsing? n

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer	Delay
1:						
2:						
3:						
4:						
5:						
6:						
7:						
8:						
9:						
10:						
11:						
12:						
13:						
14:						
15:						

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer	Delay
16:						
17:						
18:						
19:						
20:						
21:						
22:						
23:						
24:						
25:						
26:						
27:						
28:						
29:						
30:						

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer	Delay
31:						
32:						
33:						
34:						
35:						
36:						
37:						
38:						
39:						
40:						
41:						
42:						
43:						
44:						
45:						

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer	Delay
46:						
47:						
48:						
49:						
50:						
51:						
52:						
53:						
54:						
55:						
56:						
57:						
58:						
59:						
60:						

Foreign Exchange Trunk Group

Purpose

This form is used to assign Foreign Exchange (FX) Trunk Groups and Trunk Ports. The FX Trunk Group connects the System 75 to a distant central office.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameter Reduction feature, enter a trunk group number from 1 through 50.
- Group Type—Enter the type of trunk group, in this case: fx.
- SMDR Reports—Enter “y” to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are “y” or “n. ”
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. Allowable entries are TACs compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.
- Direction—Identify whether the trunk group is incoming, outgoing, or two-way. If “two-way” or “outgoing” is entered, the Auth Code field may be filled in.
- Outgoing Display—Specify whether or not the trunk group name is displayed on outgoing calls. Allowable entries are “y” or “n. ”
- Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are “y” or “n.”
- MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are “y” or “n.”
- Dial Access—Indicate if the trunk group can be accessed via a trunk access code. Allowable entries are “y” or “n.”
- Busy Threshold—Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console.

- **Night Service—Enter the extension number assigned to Night Service. The extension number entered will receive all incoming calls when Night Service is activated. Allowable entries are an extension number, 0 (attendant), *or* blank.**

- **Queue Length—Enter a number from 0 through 100 which indicates the number of outgoing calls that can be held waiting. A 0 indicates no calls will be held in queue.**

- **Abandoned Call Search—Indicate if the trunk group will conduct an Abandoned Call Search (ACS) to identify a ghost call on a ground-start trunk group. Allowable entries are "y" or "n."**

- **Incoming Destination—Indicate where incoming calls will terminate. Allowable entries are a remote access extension number, 0 (attendant), blank, or announcement extension. If 0 is entered, the call is treated as a Listed Directory Number (LDN) call. This field must be left blank if the trunk is automatic on the incoming side.**

- **Comm Type—indicate if the trunk to be used is for voice, data, or alternate voice-data calls. Allowable entries are avd, voice, or data.**

- **Auth Code—Enter "y" if an authorization code must be dialed to complete incoming calls on the trunk group; otherwise, enter "n. " This field is displayed if "two-way" or "outgoing" is entered in the Direction field on the trunk group.**

- **Digit Absorption List—Enter a list number from 0 through 4 that is required when the trunk group terminates at a step-by-step central office. One list is used for each trunk group that is connected to a step-by-step office.**

- **Prefix-1—Indicate if the prefix 1 is required for area code calls. The prefix 1 distinguishes between area and local office codes. Allowable entries are "y" or "n."**

- **Restriction—Each FX trunk group must be assigned as toll or code. Toil Restriction restricts callers at specified voice terminals from placing toll calls without attendant assistance. An allowed calls list is associated with Toll Restriction. Up to ten Area Codes and/or Central Office Codes can be allowed. Code Restriction allows voice terminal users to place calls from authorized extension numbers to specified Central Office numbers, Area Codes, and special Service Codes. Toll Restriction and Code Restriction cannot be used together in the same trunk group. Allowable entries are toll, code, *or* blank.**

- **Allowed Calls List—Contains the Central Office codes, Foreign Exchange codes, and Service codes that can be dialed independently of the 0/1 toll restriction. Allowable entries are "y" or "n. "**

- **Trunk Type—Identify the physical type of trunk. Allowable entries are ground-start, loop-start, auto/immed, auto/wink, auto/delay, and auto/auto.**

- **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are tone, rotary, or automatic.**

- **Trunk Termination—Define how the trunk group is terminated. The System 75 trunk group can terminate in a resistance of 600 ohms, or a resistor capacitor (rc) network. Allowable entries are 600ohm or rc. Resistor Capacitor (rc) is the recommended entry. The 600ohm value is necessary for connection to Customer Premises Facility Terminating equipment (short loop) and for voice transmission associated with low frequency return loss requirements.**

- **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2550 milliseconds).**

Ž **ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are "y" or "n." If "y" is entered, complete the next three fields.**

Ž **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 through 10.**

Ž **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.**

Ž **Short Holding Threshold—Enter the number of times that the system will record a short holding time call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

- **Maintenance Tests—Indicate if maintenance tests will be made on this trunk group. Allowable entries are "y" or "n."**

- **Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision. For ground-start or loop-start trunks, the Answer Supervision Timeout field will set the firmware answer supervision time-out. If this field is left blank, the firmware answer supervision time-out will be set to a default time of 10 seconds.**

Ž **Suppress # Outpulsing—Enter "y" to indicate end-to-end signaling begins with (and includes) the "#."**

- **Port—Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.**

- **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members**

starting with an “N” followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.

- **Mode—Specify the mode used on the trunk. Allowable entries are “e&m” (interface), “simplex” (phantomed), or “protected.”**
- **Type—Specify the type of trunk used. Allowable entries are “t1 stan” (Type 1 Standard), “t1 comp” (Type 1 Compatible), or “type 5.”**
- **Answer Delay—Specify the length of the answer in milliseconds. Allowable entries are 20 through 5100 in increments of 20 or leave blank. Used to delay the up-link Answer message. This serves three functions: (1) to assure that the answer supervision signal is valid and not a secondary delay-dial or wink-start signal, (2) to bridge over momentary off-hook signals resulting from connections made off-network through certain crossbar switches as the connection is being established, and (3) to delay cut through in release link trunk applications so the central attendant does not miss call progress tones.**

TRUNK GROUP Page 1 of 5

Group Number: __ Group Type: fx SMDR Reports? y

Group Name: OUTSIDE CALL COR: 1 TAC : ___

Direction: two-way Outgoing Display? n Data Restriction? n

MIS Measured? n

Dial Access? y Busy Threshold: 60 Night Service: ____

Queue Length: 0 Abandoned Call Search? n Incoming Destination: 0

Comm Type: voice Auth Code? n Digit Absorption List: _

Prefix-1? n Restriction: code Allowed Calls List: n

TRUNK PARAMETERS
Trunk Type: ___________

Outgoing Dial Type: tone

Trunk Termination: rc Disconnect Timing(msec): 500

ACA Assignment? n Long Holding Time(hours): 1

Short Holding Time(secs.): 10 Short Holding Threshold: 15

Maintenance Tests? ___

Answer Supervision Timeout: _ Suppress # Outpulsing? n

Implementation Notes:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- Long Holding Time (hours)
- Short Holding Time (secs.)
- Short Holding Threshold

The Allowed Calls List field appears if “toll’’ is entered in the Restriction field.

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

Implementation Note:

Mode, Type, and Answer Delay appear if auto/axxxx is entered in the Trunk Type field.

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Personal Central Office Line Groups (PCOLGS)

Purpose

These forms are used to implement the three different types of Personal Central Office Line Groups (PCOLGs) which can be a CO, FX, or WATS. A blank form is provided for each type of PCOLG. Up to 40 PCOLGs can be implemented.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 40 to identify the PCOLG,
- Group Type—Enter the type of PCOLG, as follows:
  - Central Office (co)
  - Foreign Exchange (fx)
  - Wide Area Telecommunications Service (wats)
- SMDR Reports—Enter “y” to provide a detailed recording of calls made on the PCOLG. Allowable entries are “y” or “n.”
- Group Name—Enter a unique name that identifies the PCOLG. Up to 15 characters can be used (all forms).
- Coverage Path—Enter the number of the Call Coverage Path (1 through 400) used to redirect the incoming calls to this PCOLG.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the PCOLG. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.
- Security Code—Enter a 4-digit security code used for the AP Demand Print messages. This field may be left blank.
- Outgoing Display—Enter “y” to display the PCOLG name on outgoing calls. This applies to voice terminals that have a display. Allowable entries are “y” or “n. ”
- Data Restriction—Use this field to restrict system features from causing overriding tones on a PCOLG. This provides permanent protection. Allowable entries are “y” or “n. ”
- Trunk Type (in/out)—Identify the type of PCOLG as ground-start or loop-start.
- Trunk Direction—Identify the type of PCOLG. Allowable entries are incoming, outgoing, two-way for co and fx, or incoming or outgoing two-way only for WATS.

- **Trunk Port—Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. (Refer to Port Assignment Record.)**

Ž **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2550 milliseconds).**

- **Trunk Name—Enter a 7-character name that identifies the PCOLG.**

- **Trunk Termination—Define how the PCOLG is terminated. The PCOLG can terminate in a resistance of 600 ohms, or a resistor capacitor (rc) network. The rc network is used to match long loops; 600 ohm is used to match short loops. Allowable entries are 600ohm or rc. Resistor Capacitor (rc) is the recommended entry. The 600ohm value is necessary for connection to Customer Premises Facility Terminating equipment (short loop) and for voice transmission associated with low frequency return loss requirements.**

- **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are tone, rotary, or automatic.**

- **Prefix-1—Indicate if the prefix 1 is required for area code calls. Enter "y" if local central office resembles an area code. Allowable entries are "y" or "n." This field only appears if Group Type is "co" or "fx."**

Ž **Ext—Make no entry in this field. This is the extension number of the voice terminal users assigned as members. The extension number is automatically assigned when a given station is assigned a PCOLG button.**

- **Name—Make no entry in this field. This is the name assigned to this extension number. The system automatically assigns a name when a given station is assigned a PCOLG button.**

Page 1 of 1

PERSONAL CO LINE GROUP

Group Number: __ Group Type: co SMDR Reports? y

Group Name: Outside-Call Coverage Path: __ TAC: __

Security Code: ___ Outgoing Display? n Data Restriction? n

TRUNK PARAMETERS

Trunk Type (in/out): _____ Trunk Direction: two-way

Trunk Port: ____ Disconnect Timing(msec): 500

Trunk Name: _____ Trunk Termination: rc

Outgoing Dial Type: tone

Prefix-1? n

ASSIGNED MEMBERS (Stations with a button for this PCOL Group)

Ext	Name	Ext	Name
1: ____		3: ____	
2: ____		4: ____	

Implementation Note:

The field “Prefix-1” does not appear if wats is entered in “Group Type.”

Release Link Trunk Group

Purpose

This form is used to assign Release Link Trunk (RLT) Groups and Trunk Ports. This trunk group is used to implement the Centralized Attendant Service (CAS).

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameter Reduction feature, enter a trunk group number from 1 through 50.
- Group Type—Identify the type of trunk group, in this case: rlt.
- SMDR Reports—Enter “y” to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are “y” or “n. ”
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. Allowable entries are TACs compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.
- Direction—Identify whether the trunk group is incoming or outgoing. If outgoing is entered, the Auth Code field may be filled in. Enter “outgoing” if a branch PBX or enter “incoming” if a main PBX.
- Outgoing Display—Specify whether or not the trunk group name is displayed on outgoing calls. Allowable entries are “y” or “n.”
- Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are “y” or “n.”
- MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are “y” or “n.”
- Busy Threshold—Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the warning lamp on the Attendant Console.

- **Queue Length—Enter a number from 0 through 100 that indicates the number of outgoing calls that can be held waiting. A 0 indicates no calls will be held in queue. The suggested queue length is 1 for CAS backup. Enter 0 if used for DCS.**

Ž **Auth Code—Enter "y" if an authorization code must be dialed to complete incoming calls on the trunk group; otherwise, enter "n. "**

- **Trunk Type—Identify the physical type of trunk. The RLT in a CAS-Branch should be assigned immed/auto if the Main is a System 85 or DIMENSION® PBX with FP-8 feature package. If the Main is not AT&T equipment, translations must be set up in the System 75 to match what the Main RLTs provide. If the distant end is another System 75, both systems should be translated as delay/delay and normally tone signaling in and out. If the System 75 is replacing another switch, the System 75 translations should match the existing setup. Allowable entries are listed below.**

auto/auto	auto/delay	auto/immed	auto/wink
delay/auto	delay/delay	delay/immed	delay/wink
immed/auto	immed/delay	immed/immed	immed/wink
wink/auto	wink/delay	wink/immed	wink/wink

Ž **Incoming Rotary Timeout (sec)—Enter the timing interval required by the central office that the System 75 is connected to. If the System 75 is connected to a step-by-step office, 18 or more seconds must be used; if the System 75 is not connected to a step-by-step office, 5 or more seconds may be used. The maximum value is 99 seconds. Allowable entries are 5 through 99.**

Ž **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are tone or rotary.**

- **Incoming Dial Type—Indicate the type of pulses required on an incoming trunk group. Allowable entries are tone or rotary.**

- **Used for DCS?—indicate whether or not the trunk will send and receive messages on a DCS signaling link. Allowable entries are "y" or "n."**

- **PBX ID—Identify the PBX within the network that the trunk will communicate with on a DCS signaling link. Allowable entries are 1 through 63.**

- **ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are " y" or "n. " If "y" is entered, complete the next three fields.**

Ž **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 to 10.**

Ž **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.**

- **Short Holding Threshold— Enter the number of times that the system will record a short holding time call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

Ž **Incoming Dial Tone—Indicate whether or not there is an incoming dial tone. Allowable entries are "y" or "n."**

Ž **Maintenance Tests—Indicate if maintenance tests will be made on this trunk group. Allowable entries are "y" or "n."**

- **Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision.**

Ž **Suppress # Outpulsing—Enter "y" to indicate end-to-end siqnaling begins with (and includes) the "#. "**

Ž **Port-Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.**

- **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members starting with an "N" followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.**

- **Mode—Specify the mode used on Tie Trunks with TN722A, TN722B, or TN760B circuit packs. Allowable entries are "e&m" (interface), "simplex" (phantomed), or "protected."**

- **Type—Specify the type of DS1 used. Allowable entries are "t1 stan" (Type 1 Standard), "t1 comp" (Type 1 Compatible), or "type 5."**

- **Answer Delay—Specify the length of the answer delay in milliseconds for DS1 or Tie Trunks using the TN722A, TN722B, or TN760B, C, or D circuit packs. Allowable entries are 20 to 5100 in increments of 20. This field cannot be left blank. Enter 320 as the desired range. Used to delay the up-link Answer message. This serves three functions: (1) to assure that the answer supervision signal is valid and not a secondary delay-dial or wink-start signal, (2) to bridge over momentary off-hook signals resulting from connections made off-network through certain crossbar switches as the connection is being established, and (3) to delay cut through in release link trunk applications so the central attendant does not miss call progress tones.**

```
                    TRUNK GROUP                    Page 1 of 5

   Group Number:__        Group Type: rlt      SMDR Reports? y

   Group Name: OUTSIDE CALL    COR: 1                TAC : __

 Direction: ______ Outgoing Display? n      Data Restriction? n

   MIS Measured? n

                  Busy Threshold: 60

   Queue Length: 0        Auth Code? n


  TRUNK PARAMETERS

     Trunk Type: ______    Incoming Rotary Timeout (sec): 5

Outgoing Dial Type: tone   Incoming Dial Type: tone

          Used for DCS? n     PBX ID: 1

       ACA Assignment? n          Long Holding Time(hours): 1

Short Holding Time(secs.): 10     Short Holding Threshold: 15

   Incoming Dial Tone? y             Maintenance Tests? y

   Answer Supervision Timeout: ___   Suppress # Outpulsing? n
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

The PBX ID field only appears on this form if y is assigned to the Used for DCS field.

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Tandem Trunk Group

Purpose

This form is used to assign Tandem Trunk Groups and Trunk Ports. A tandem trunk group allows the System 75 to communicate with another PBX switch. The trunk group will transmit and receive Traveling Class Marks (TCMs) and outpulse 7-digit RNX-XXXX dialing.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameters Reduction feature, enter a trunk group number from 1 through 50.
- Group Type—Identify the type of trunk group, in this case: tandem.
- SMDR Reports—Enter "y" to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are "y" or "n."
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. Allowable entries are TACs compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.
- Direction—Identify whether the trunk group is incoming, outgoing, or two-way. If two-way or outgoing is entered, the Auth Code field may be filled in.
- Outgoing Display—Specify whether or not the trunk group name is displayed on outgoing calls. Allowable entries are "y" or "n. "
- Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are "y" or "n."
- MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are "y" or "n."
- Dial Access—Indicate if the trunk group can be accessed via a trunk access code. Allowable entries are "y" or "n."
- Busy Threshold— Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console.

- **Night Service—Enter the extension number assigned to Night Service. The extension number entered will receive all incoming calls when Night Service is activated. Allowable entries are an extension number, 0 (attendant), *or* blank.**

- **Queue Length—Enter a number from 0 through 100 that indicates the number of outgoing calls that can be held waiting. A 0 indicates no calls will be held in queue. Enter 0 for DCS.**

Ž **Incoming Destination—Indicate where incoming calls will terminate. Allowable entries are a remote access extension number, 0 (attendant), or blank.**

- **Comm Type—Indicate if the trunk is to be used for voice or alternate voice-data calls. Allowable entries are avd, voice, or data.**

- **Trunk Type (in/out)—Identify the physical type of incoming and outgoing trunks. Allowable entries are:**

auto/auto	auto/delay	auto/immed	auto/wink
delay/auto	delay/delay	delay/immed	delay/wink
immed/auto	immed/delay	immed/immed	immed/wink
wink/auto	wink/delay	wink/immed	wink/wink

- **Incoming Rotary Timeout (sec)—Enter the timing interval required by the central office that the System 75 is connected to. If the System 75 is connected to a step-by-step office, 18 or more seconds must be used; if the System 75 is not connected to a step-by-step office, 5 or more seconds may be used. The maximum value is 99 seconds. Allowable entries are 5 through 99.**

Ž **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are tone or rotary.**

- **Incoming Dial Type—Indicate the type of pulses required on an incoming trunk group. Allowable entries are tone or rotary.**

- **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2550 milliseconds).**

Ž **Digit Treatment—Indicate if the digits entered are to be absorbed or inserted. No entry indicates no digit absorption or insertion is done. See Digits. Allowable entries are absorption or insertion. This field must be left blank for auto/auto type trunks.**

- **Digits—Enter the number of digits to be inserted or the number of digits to be absorbed. This field is used with the Digit Treatment field. No entry indicates no digit absorption or insertion is done. See Digit Treatment. Allowable entries are 1 through 5 or the digit string to be inserted.**

- **Used for DCS?—Indicate whether or not the trunk will send and receive messages on a DCS signaling link. Allowable entries are “y” or “n. ”**

Ž **PBX ID—Identify the PBX within the network that the trunk will communicate with on a DCS signaling link. Allowable entries are 1 through 63.**

Ž **ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are "y" or "n. " If "y" is entered, complete the next three fields.**

- **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 through 10.**

- **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.**

- **Short Holding Threshold—Enter the number of times that the system will record a short holding time call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

- **Incoming Dial Tone—Indicate whether or not there is an incoming dial tone. Allowable entries are "y" or "n".**

Ž **Maintenance Tests—Indicate if maintenance tests will be made on an hourly basis for this trunk group. Allowable entries are "y" or "n."**

- **Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision.**

. **Suppress # Outpulsing—Enter "y" to indicate end-to-end signaling begins with (and includes) the "#. "**

- **Port-Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.**

- **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members starting with an "N" followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.**

  To allow this trunk group to use TT-S, enter a T# at the beginning of the trunk member name, as follows:

1. **B1801 T#**
2. **B1802 T#**
3. **B1803 T#**

- **Mode—Specify the mode used on Tie Trunks with TN722A, TN722B, or TN760B circuit packs. Allowable entries are “e&m” (interface), “simplex” (phantomed), or “protected.”**
- **Type—Specify the type of trunk used. Allowable entries are “t1 stan” (Type 1 Standard), “t1 comp” (Type 1 Compatible), or “type 5.”**

- **Answer Delay—Specify the length of the answer delay in milliseconds for DS1 or Tie Trunks using the TN722A, TN722B, C, or D or TN760B circuit packs. Allowable entries are 20 through 5100 in increments of 20. Used to delay the up-link Answer message. This serves three functions: (1) to assure that the answer supervision signal is valid and not a secondary delay-dial or wink-start signal, (2) to bridge over momentary off-hook signals resulting from connections made off-network through certain crossbar switches as the connection is being established, and (3) to delay cut through in release link trunk applications so the central attendant does not miss call progress tones.**

TRUNK GROUP Page 1 of 5

Group Number: ___ Group Type: tandem SMDR Reports? y

Group Name: OUTSIDE CALL COR: 1 TAC: ___

Direction: two-way Outgoing Display? n Data Restriction? n

MIS Measured? n

Dial Access? y Busy Threshold: 60 Night Service: ___

Queue Length: 0 Incoming Destination: ___

Comm Type: voice

TRUNK PARAMETERS

Trunk Type(in/out): ___ Incoming Rotary Timeout(sec): 5

Outgoing Dial Type: tone Incoming Dial Type: tone

Disconnect Timing(msec): 500

Digit Treatment: ___ Digits: ___

Used for DCS? n PBX ID: 1

ACA Assignment? n Long Holding Time(hours): 1

Short Holding Time(secs.): 10 Short Holding Threshold: 15

Incoming Dial Tone? y Maintenance Tests? y

Answer Supervision Timeout: ___ Suppress # Outpulsing? n

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- Long Holding Time (hours)
- Short Holding Time (secs.)
- Short Holding Threshold

The PBX ID field only appears on this form if y is assigned to the Used for DCS field.

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer	Delay
1:						
2:						
3:						
4:						
5:						
6:						
7:						
8:						
9:						
10:						
11:						
12:						
13:						
14:						
15:						

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer	Delay
16:						
17:						
18:						
19:						
20:						
21:						
22:						
23:						
24:						
25:						
26:						
27:						
28:						
29:						
30:						

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Tie Trunk Group

Purpose

This form is used to assign Tie Trunk Groups and Trunk Ports. Tie trunks provide access between the System 75 and another PBX or Centrex. This form is also used to assign MEGACOM®, MEGACOM 800, and MEGACOM 800 DNIS (Dial Number Identification Service) services.

When MEGACOM service is provided with a No. 4 ESS™ switch, the trunk type is referred to as a PBX (1-way outgoing type of trunk). At the No. 4 ESS, the trunk types are translated as DTMFWK type signaling.

When MEGACOM 800 service is provided with a No. 4 ESS, the trunk type is referred to as PBX (1-way incoming type of trunk). At the No. 4 ESS, the trunks are translated for DTMWFK type signaling.

When MEGACOM 800 DNIS service is provided with a No. 4 ESS, the trunk type is referred to as PBX (1-way incoming type of trunk). At the No. 4 ESS, the trunks are translated as DTMWFK type signaling.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameter Reduction feature, enter a trunk group number from 1 through 50.
- Group Type—Enter the type of trunk group, in this case: tie.
- SMDR Reports-Enter “y” to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are “y” or “n.” Enter “y” if trunk group is used for MEGACOM, MEGACOM 800, and MEGACOM DNIS service.
- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.
- COR—Enter a class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction. Ail tie trunks in a Uniform Dial Plan (UDP) complex should be in CORs that block themselves. If the tie trunk has COR 61, then COR 61 should be denied access to COR 61.
- TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. Allowable entries are TACs compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.
- Direction—Identify whether the trunk group is incoming, outgoing, or two-way. If two-way or outgoing is entered, the Auth Code field may be filled in. Enter outgoing for MEGACOM, incoming for MEGACOM 800, or incoming for MEGACOM 800 DNIS service.

- **Outgoing Display—Specify whether or not the display of the trunk group name is suppressed on outgoing calls. Allowable entries are "y" or "n. " Enter "y" for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are "y" or "n." Enter "n" for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **MIS Measured—Indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are "y" or "n."**

Ž **Dial Access—Indicate if the trunk group can be accessed via a trunk access code. Allowable entries are "y" or "n." Enter "y" for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

Ž **Busy Threshold—Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console. Enter 60 for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Night Service—Enter the extension number assigned to Night Service. The extension number entered will receive all incoming calls when Night Service is activated. Allowable entries are an extension number, 0 (attendant), or blank. If this trunk is used for DCS, enter the extension number assigned to the interface-3 data module. Extension numbers cannot be entered if the trunk type is auto-in. Leave this field blank for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Queue Length—Enter a number from 0 through 100 that indicates the number of outgoing calls that can be held waiting. A 0 indicates no calls will be held in queue. Enter 0 for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Internal Alert-Indicate whether or not internal ringing and coverage will be used for incoming calls on this trunk group. Allowable entries are "y" or "n. " Enter "n" for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Incoming Destination—Indicate where incoming calls will terminate. Allowable entries are a remote access extension number, 0 (attendant), or blank. If this trunk is used for DCS, enter the extension number assigned to the interface data module. Leave this field blank for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

Ž **Comm Type—Indicate if the trunk is to be used for voice, data, or alternate voice-data (avd) calls. Allowable entries are avd, voice, or data. Enter avd if DCS is implemented using a DS1 tie trunk. If avd is entered, the DS1 circuit pack and synchronization form must be completed. Enter voice for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Auth Code—Enter "y" if an authorization code must be dialed to complete incoming calls on the trunk group; otherwise, enter "n." This field is displayed if "two-way" or "outgoing" is entered in the Direction field on the trunk group.**

- **Trunk Type (in/out)—Identify the physical type of incoming and outgoing trunks. Enter auto/auto if the trunk is used for DCS. Enter wink/wink for MEGACOM, auto/wink for MEGACOM 800, or wink/wink for MEGACOM 800 DNIS service. Allowable entries are:**

auto/auto	auto/delay	auto/immed	auto/wink
delay/auto	delay/delay	delay/immed	delay/wink
immed/auto	immed/delay	immed/immed	immed/wink
wink/auto	wink/delay	wink/immed	wink/wink

- **Incoming Rotary Timeout—Enter the timing interval required by the central office that the System 75 is connected to. If the System 75 is connected to a step-by-step office, 18 or more seconds must be used; if the System 75 is not connected to a step-by-step office, 5 or more seconds may be used. The maximum value is 99 seconds. Allowable entries are 5 through 99. Enter 5 for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are tone or rotary. Enter tone for MEGACOM and leave blank for MEGACOM 800 and MEGACOM 800 DNIS service. For MEGACOM service, if this trunk is connected to a No. 4 ESS configured with 4e9 software, rotary must be used instead of tone.**

- **Incoming Dial Type—Indicate the type of pulses required on an incoming trunk group. Allowable entries are tone or rotary. Enter tone for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2550 milliseconds). Enter 500 for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service. Enter 300 if the trunk is connected to a step-by-step office. Enter 200 if the trunk is not connected to a step-by-step office.**

- **Digit Treatment—Indicate if the digits entered are to be absorbed or inserted. No entry indicates no digit absorption or insertion is done. See Digits. Allowable entries are absorption or insertion. Leave blank for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Digits—Enter the number of digits to be inserted or the number of digits to be absorbed. This field is used with the Digit Treatment field. No entry indicates no digit absorption or insertion is done. See Digit Treatment. Allowable entries are 1 to 5 *or* the digit string to be inserted. Leave blank for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

Ž **Used for DCS?—Indicate whether or not the trunk will send and receive messages on a DCS signaling link. Allowable entries are "y" or "n. " Enter "n" if this trunk is used for DCS signaling. Enter "y" if trunk is used for DCS voice tie trunks. Enter "n" for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **PBX ID—Identify the PBX within the network that the trunk will communicate with on a DCS signaling link. Allowable entries are 1 through 63. This field should be left blank if this trunk is used for DCS. To establish trunk group calls between systems, enter the PBX ID number of the far-end system.**

- **ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are "y" or "n. " If "y" is entered, complete the next three fields. Enter "n" for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 through 10.**

- **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.**

- **Short Holding Threshold—Enter the number of times that the system will record a short holding time call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

Ž **Baud Rate—Specify the bit rate used for pooled modems. Allowable entries are 300, 1200, 2400, 4800, 9600, or 19200.**

- **Synchronization—Specify if the trunk group will use synchronous or asynchronous communications. Allowable entries are sync or async.**

- **Duplex—Specify if the trunk group will operate full or half duplex. Allowable entries are full or half.**

Ž **Incoming Dial Tone—Indicate whether or not there is an incoming dial tone. Allowable entries are "y" or "n." Enter "n" for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Maintenance Tests—Indicate whether or not maintenance tests will be made on an hourly basis for this trunk group. Allowable entries are "y" or "n." Enter "y" for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. Leave blank for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision.**

Ž **Suppress # Outpulsing—Enter "y" to indicate end-to-end signaling begins with (and includes) the "#." Enter "n" for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS service.**

- **Port—Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits. To establish trunk group calls between systems, the trunk group member must be the same at both systems.**

- **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members starting with an "N" followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.**

  To allow this trunk group to use TT-S, enter a T# at the beginning of the trunk member name, as follows:

  1. B1801 T#
  2. B1802 T#
  3. B1803 T#

- **Mode—Specify the mode used on Tie Trunks with TN722A, TN722B, or TN760B circuit packs. Allowable entries are "e&m" (interface), "simplex" (phantomed), or "protected."**

Ž **Type—Specify the type of trunk used. Allowable entries are "t1 stan" (Type 1 Standard), "t1 comp" (Type 1 Compatible), or "type 5." Use t1 stan for DS1 or DMI applications.**

- **Answer Delay—Specify the length of the answer delay in milliseconds for DS1 or Tie Trunks using the TN722A, TN722B, or TN760B, C, or D circuit packs. Allowable entries are 20 through 5100 in increments of 20.**

TRUNK GROUP — Page 1 of 5

Group Number: _ Group Type: tie SMDR Reports? y

Group Name: OUTSIDE CALL COR: 1 TAC: _

Direction: two-way Outgoing Display? n Data Restriction? n

MIS Measured? n

Dial Access? y Busy Threshold: 60 Night Service: ____

Queue Length: 0 Internal Alert? n Incoming Destination: ______

Comm Type: voice Auth Code? n

TRUNK PARAMETERS

Trunk Type(in/out): ___________ Incoming Rotary Timeout: 5

Outgoing Dial Type: tone Incoming Dial Type: tone

Disconnect Timing(msec): 500

Digit Treatment: ________ Digits: ____

Used for DCS? y PBX ID: 1

ACA Assignment? n Long Holding Time(hours): 1

Short Holding Time(secs.): 10 Short Holding Threshold: 15

Baud Rate: 1200 Synchronization: async Duplex: full

Incoming Dial Tone? y Maintenance Test? y

Answer Supervision Timeout: 1 Suppress # Outpulsing? n

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

The PBX ID field only appears on this form if y is assigned to the Used for DCS field.

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					20
2:					20
3:					20
4:					20
5:					20
6:					20
7:					20
8:					20
9:					20
10:					20
11:					20
12:					20
13:					20
14:					20
15:					20

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					20
17:					20
18:					20
19:					20
20:					20
21:					20
22:					20
23:					20
24:					20
25:					20
26:					20
27:					20
28:					20
29:					20
30:					20

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					20
32:					20
33:					20
34:					20
35:					20
36:					20
37:					20
38:					20
39:					20
40:					20
41:					20
42:					20
43:					20
44:					20
45:					20

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					20
47:					20
48:					20
49:					20
50:					20
51:					20
52:					20
53:					20
54:					20
55:					20
56:					20
57:					20
58:					20
59:					20
60:					20

Wide Area Telecommunications Service Trunk Group

Purpose

This form is used to assign Wide Area Telecommunications Service (WATS) Trunk Groups and Trunk Ports. WATS trunks provide access to and/or from a portion of the Direct Distance Dialing (DDD) network via dedicated trunks to and/or from a WATS serving office.

Instructions

Make assignments as required for the following fields:

- Group Number—Enter a number from 1 through 99 that identifies the trunk group. For the Hospitality Parameters Reduction feature, enter a trunk group number from 1 through 50.

Ž Group Type—Enter the type of trunk group, in this case: wats.

Ž SMDR Reports—Enter "y" to provide a detailed recording of calls made on all trunks in the trunk group. Allowable entries are "y" or "n. "

- Group Name—Enter a unique name that identifies the trunk group. Up to 15 characters can be used.

- COR—Enter the desired class of restriction (COR) number from 0 through 63 that reflects a desired customer restriction.

Ž TAC—Enter the trunk access code (TAC) that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. Allowable entries are TACs compatible with the system Dial Plan. SMDR uses the TAC number to identify the trunk group number on the associated SMDR reports.

Ž Direction—Identify if the trunk group is incoming or outgoing.

- Outgoing Display—Specify whether or not the trunk group name is displayed on outgoing calls. Allowable entries are "y" or "n,"

Ž Data Restriction—Use this field to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. Allowable entries are "y" or "n."

- MIS Measured—indicate if the System 75 will transmit trunk group data for this trunk group to the Call Management System (CMS). Allowable entries are "y" or "n."

Ž Dial Access—Indicate if the trunk group can be accessed via a trunk access code. Allowable entries are "y" or "n."

Ž Busy Threshold—Enter the number (0 through 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console.

- **Night Service—Enter the extension number assigned to Night Service. The extension number entered will receive all incoming calls when Night Service is activated. Allowable entries are an extension number, 0 (attendant), *or* blank.**

- **Queue Length—Enter a number from 0 through 100 which indicates the number of outgoing calls that can be held waiting. A 0 indicates no calls will be held in queue.**

- **Abandoned Call Search—Indicate if the trunk group will conduct an Abandoned Call Search (ACS) to identify a ghost call on a ground-start trunk group. Allowable entries are "y" or "n."**

- **Incoming Destination—Indicate where incoming calls will terminate. Allowable entries are a remote access extension number, 0 (attendant), blank, or announcement extension.**

- **Auth Code—Enter "y" if an authorization code must be dialed to complete incoming calls on the trunk group; otherwise, enter "n." This field is displayed if "two-way" or "outgoing" is entered in the Direction field on the trunk group.**

- **Comm Type—Indicate if the trunk group is used for voice, data, or alternate voice data. Allowable entries are avd, voice, or data.**

- **Trunk Type—identify the physical type of trunk. Allowable entries are ground-start, loop-start, auto/immed, auto/wink, auto/delay, and auto/auto.**

- **Outgoing Dial Type—Identify the type of pulsing required on an outgoing call. Allowable entries are tone, rotary, or automatic.**

- **Incoming Dial Type—indicate the type of pulses required on an incoming trunk group. Allowable entries are tone or rotary.**

- **Trunk Termination—Define how the trunk group is terminated. The System 75 trunk group can terminate in a resistance of 600ohms, or a resistor capacitor (rc) network. Allowable entries are 600ohm or rc. Resistor Capacitor (rc) is the recommended entry. The 600ohm value is necessary for connection to Customer Premises Facility Terminating equipment (short loop) and for voice transmission associated with low frequency return loss requirements.**

- **Disconnect Timing (msec)—Enter the time in milliseconds that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 through 2550 milliseconds).**

- **ACA Assignment?—Specify whether or not Automatic Circuit Assurance (ACA) measurements will be taken for this trunk group. Allowable entries are "y" or "n. " If "y" is entered, complete the next three fields.**

- **Long Holding Time (hours)—Enter the length in hours that the system will consider as being a long holding time. If the value entered is "0," the system will not consider long holding calls. Allowable entries are 0 through 10.**

- **Short Holding Time (secs.)—Specify the length in seconds that the system will consider as being a short holding time. If this field is "0," the system will not consider short holding calls. Allowable entries are 0 through 160.**

- **Short Holding Threshold—Enter the number of times that the system will record a short holding time call before an attendant or display-equipped voice terminal user is alerted to the possibility of a faulty trunk. Allowable entries are 0 through 30.**

Ž **Maintenance Tests—Indicate whether or not maintenance tests will be made on an hourly basis for this trunk group. Allowable entries are "y" or "n."**

Ž **Answer Supervision Timeout—Indicate the amount of time in seconds the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized. Allowable entries are 1 through 300 or blank. This time-out accommodates delays in outside stitchings. This time-out does not override network or firmware sent answer supervision. For ground-start or loop-start trunks, the Answer Supervision Timeout field will set the firmware answer supervision time-out. If this field is left blank, the firmware answer supervision time-out will be set to a default time of 10 seconds.**

Ž **Suppress # Outpulsing—Enter "y" to indicate end-to-end signaling begins with (and includes) the "#."**

Ž **Port—Enter one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. Allowable entries are one letter and four digits.**

- **Name—Enter a unique 7-character name that identifies the member of the trunk group. The name is usually a 7-digit telephone number. If individual trunks are assigned to night service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or members starting with an "N" followed by digits will use the digits as the night destination of the individual trunk. This trunk night destination overrides the group night destination entered in the Night Service field.**

- **Mode—Specify the mode used on the trunk. Allowable entries are "e&m" (interface), "simplex" (phantomed), or "protected."**

Ž **Type—Specify the type of trunk used. Allowable entries are "t1 stan" (Type 1 Standard), "t1 comp" (Type 1 Compatible), or "type 5."**

- **Answer Delay—Specify the length of the answer in milliseconds. Allowable entries are 20 through 5100 in increments of 20. Used to delay the up-link Answer message. This serves three functions: (1) to assure that the answer supervision signal is valid and not a secondary delay-dial or wink-start signal, (2) to bridge over momentary off-hook signals resulting from connections made off-network through certain crossbar switches as the connection is being established, and (3) to delay cut through in release link trunk applications so the central attendant does not miss call progress tones.**

```
                              TRUNK GROUP                    Page 1 of 5

Group Number: __          Group Type: wats          SMDR Reports? y

Group Name: OUTSIDE CALL      COR: 1          TAC : __

Direction: _____ Outgoing Display? n      Data Restriction? n

MIS Measured? n

Dial Access? y          Busy Threshold: 60          Night Service: ___

Queue Length: 0  Abandoned Call Search? n  Incoming Destination: _

                              Auth Code? __

Comm Type: voice


TRUNK PARAMETERS
        Trunk Type: _____

Outgoing Dial Type: tone                  Incoming Dial Type: tone

Trunk Termination: rc                     Disconnect Timing(msec): 500


     ACA Assignment? n                    Long Holding Time(hours): 1

Short Holding Time(secs.): 10             Short Holding Threshold: 15

                                          Maintenance Tests? y

Answer Supervision Timeout: _             Suppress # Outpulsing? n
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (sees.)**
- **Short Holding Threshold**

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 o f 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

CHAPTER 3. OPTIONAL

System 75 can provide certain optional features that supplement the standard system capabilities. These optional features are:

- **Abbreviated Dialing—Enhanced List**
- **Authorizations Codes**
- **Automatic Call Distribution (ACD)**
- **Automatic Route Selection (ARS)**
- **Centralized Attendant Service (CAS)**
- **Distributed Communications System (DCS)**
- **Forced Entry of Account Codes (see SMDR Account Code Dialing)**
- **Private Networking**
- **Uniform Dial Plan.**

Optional features, if provided, are activated when the system is installed. After activation, implementation to define the associated parameters and service criteria is required. The associated implementation procedures are given in this document. However, if an optional feature is not provided, the implementation procedures should be ignored. The correlation between the optional features and the system forms to be completed are included in Chapters 5 and 6.

CHAPTER 4. COMMUNICATIONS SURVEY

Overview

This chapter describes the Communications Survey that consists of gathering information about the System 75, its users, their job functions, and their communications needs. After this information is identified, it is then matched with the features and hardware available with the system to design a system that fulfills customer requirements.

Basically, the survey:

- **Identifies the appropriate features and calling privileges for each user**
- **Assigns appropriate data on hard copy forms that subsequently become part of the System 75 software data base.**

Survey Steps

The steps required to complete the Communications Survey must be done in a logical and structured way. Complete each of the survey steps in the order given. Some steps are best performed by a cooperative effort between the account team and the customer or customer's representative. Where applicable, these steps are so indicated.

Before actually beginning the survey, review the information provided in Chapter 5 (System Features, Functions, and Services) and Chapter 6 (System Forms and Instructions). Chapter 5 contains a brief description of the system and voice terminal features. The associated forms and the fields to be completed on each form are given. Hardware and software requirements are noted where applicable. You will be required to complete various forms based on the features to be provided. Chapter 6 contains forms and instructions for completing each field on a form. Blank forms suitable for reproduction are provided in Chapter 7.

Review Chapters 5 and 6 several times until you become familiar with the features, the forms required, and the data to be entered on the forms. The following documents provide additional information:

- ***AT&T System 75—System Description, Release 1 Version 3,* 555-200-200**
- ***AT&T System 75 XE—System Description,* 555-201-200**
- ***AT&T System 75—Feature Description,* 555-200-201**
- ***AT&T System 75—Planning/Configuration,* 555-200-600**

Step 1—(Account Team)

Obtain a list of equipment (including number and type) that has been ordered for the system. Identify the system model ordered.

Find out what features and services are to be provided.

Step 2—Port Assignments (Account Team/Client)

This step contains the Port Assignment procedures for a System 75 and System 75 XE Release 1 Version 3 system.

Port assignments play an important role in how a System 75 is initialized and administered. Ports are the physical location on a circuit pack where terminals, trunks, or system adjuncts are connected. Once a port number is assigned, it becomes the "address" of the associated equipment or facility in the System 75. A record of port assignments must be made and kept. The record will eventually be used for system installation/initialization and ongoing administration.

During the planning/configuration process, the types and quantities of circuit packs to be provided with the system were identified. This information must now be entered on the Port Assignment Records. Using the list of hardware types and quantities obtained, complete the Port Assignment Records.

Port Assignment Records

Since the System 75 is available in several different models, the circuit pack slot availability on the different carriers also varies. Refer to Figure 4-1 for information on the model/carrier configurations. In addition, Figures 4-2 and 4-3 provide carrier mounting information in the system cabinet per model number. You will be required to use this information when completing the Port Assignment Records.

Remove the blank Port Assignment Record forms (Figures 4-4 and 4-5) and duplicate as many times as necessary to have enough pages for each type carrier (System 75) or cabinet (System 75 XE) and associated circuit packs to be assigned in the system. A blank Port Assignment Record for eight ports (Figure 4-4) is required for all circuit packs that contain up to eight ports. Each 8-port record provides assignment space for four slots on a carrier (System 75) or cabinet (System 75 XE). A blank Port Assignment Record for 24 ports (Figure 4-5) is required for each carrier slot that will house circuit packs that contain more than eight ports; for example, the TN722 DS1 Tie Trunk or TN746 Analog Line circuit pack.

Obtain sets of blank records for all control and port carriers to be used.

System 75 Port Assignment Records

Note: Instructions for completing System 75 XE Port Assignment Records are provided immediately following the System 75 Port Assignment Records instructions.

1. **With a set of records for a carrier, following the "CARRIER" entry at the top of the Port Assignment Record form, enter the following carrier information as applicable:**

   - **Enter the letter "A" for all control carriers.**

   - **Assign a letter (B, C, D, or E) to all records for each Port Carrier. Use the letter as noted on Figure 4-2 for the Port Carrier location in the System 75 cabinet.**

2. **Assign port circuit pack slot numbers on the sets of records as follows (refer to Table 4-A for circuit pack port slot availability and associated notes where applicable):**

   - **For Control Carrier Models 1A or 1B, begin with slot number 2 and number through 12.**

   - **For control Carrier Models 2A, 2B, 3A, 3B, 3C, and 3D, begin with slot number 2 and number through 8.**

   - **All Port Carriers (B, C, D, E) slots should be numbered 1 through 20.**

Table 4-A. System 75 Port Circuit Packs and Associated Carrier Locations

Circuit Pack			Port Carrier (B, C, D, E)		Control Carrier (1A & 1B)		Control Carrier (2A,2B,3A,3B,3C,3D)	
Name	Code	Ports	Port Slot	Note	Port Slot	Note	Port slot	Note
Analog Line (8)	TN742	8	1-20	1	2-12	1	2-8	1
Analog Line (neon)	TN769	8	1-20	1	2-12	1	2-8	1
Analog Line (16)	TN746	16	1-20	1	2-12	1	2-8	1
Announcement	TN750	16			2-12	5		
Auxiliary Trunk	TN763B	4	1-20	1	2-12	1	2-8	1
CO Trunk	TN747B	8	1-20	1	2-12	1	2-8	1
Data Line	TN726	8	1-20	1	2-12	1	2-8	1
DID Trunk	TN753	8	1-20	1	2-12	1	2-8	1
Digital Line	TN754	8	1-20	1	2-12	1	2-8	1
DS1 Tie Trunk	TN722B	24	1-20	1	2-12	1	2-8	1
Hybrid Line	TN762B	8	1-20	1	2-12	1	2-8	1
MET Line	TN735	4	1-20	1	2-12	1	2-8	1
Pooled Modem	TN758	2	1-20	1	2-12	1	2-8	1
Power Unit	TN755		1-20	2	2-12	2	2-8	2
Speeck Synthesizer	TN725B	4	1-20	1	2-12	1	2-8	1
Tie Trunk	TN760B	4	1-20	1	2-12	1	2-8	1
Tone Detector	TN748C		1-20	4	2-12	3	2-8	3

Notes:

1. Provided as required.
2. TN755 Power Unit—provided when neon message waiting power is required.
3. One always required.
4. TN748C Tone Detector—one always required when equipped in cabinet positions B and C.
5. Only one Announcement (TN750) circuit pack may be assigned in a System 75.

3. **Assign circuit packs to available slots using the following method:**

Note: While the System 75 is designed to allow any port circuit pack to be mounted in any port slot, the following guidelines enhance system reliability by reducing the size of failure groups as well as by evenly distributing the system power load across power supplies.

The port circuit packs must be evenly distributed across the system Control and Port carrier's. The required sequence for loading carriers with port circuit packs is shown in Table 4-B.

Table 4-B. System 75 Carrier Loading Order

1.	Control Carrier	Cabinet Position A
2.	Port Carrier	Cabinet Position B
3.	Port Carrier	Cabinet Position C
4.	Port Carrier	Cabinet Postion D
5.	Port Carrier	Cabinet Position E

Certain circuit packs must be installed in dedicated slots on carriers, such as the TN755 Power Unit. When these circuit packs are used, assign them to slots on the appropriate Port Assignments Record as shown on Table 4-C. Identify on Table 4-C the remaining circuit packs that are to be used. Assign the first circuit pack, of that code, to the appropriate slot on the "A" Port Assignment Record starting with the rightmost or leftmost port slot as indicated on the table. (Slot numbers are assigned from left to right on all carriers.)

Note: The following assumes all cabinet positions (A through E) are used. For smaller systems, assign circuit packs just to those carriers and their associated Port Assignment Records that are used.

Assign the second circuit pack of that code (when used) to the rightmost or leftmost port slot on the "B" Port Assignment Record, the third circuit pack (when used) to the "C" Port Assignment Record, the fourth circuit pack (when used) to the "D" Port Port Assignment Record, and the fifth circuit pack (when used) to the "E" Port Assignment Record. When there are more circuit packs of one code than there are carriers (Control and Port), the process begins again using the Port Assignment Record for the next carrier in the Carrier Loading Order. When a Port Assignment Record for an associated carrier is full, it is skipped over and the process continues with the next Port Assignment Record in the sequence.

When all the circuit packs of a particular code are assigned, the next circuit pack of a new code that is used is assigned on the next Port Assignment Record. The process does not begin again on the "A" Port Assignment Record. For example, when assigning TN742 Analog Line circuit packs and the last circuit pack was assigned on the "C" Port Assignment Record, assign the first TN763B Auxiliary Trunk circuit pack on the "D" Port assignment Record, not the "A" Port Assignment Record.

Any empty slots remaining in any carrier must be equipped with Z100A Apparatus Blanks.

Table 4-C. System 75 Port Circuit Pack Loading Order in Carriers

Code	Description	Load From	Dedicated Port Slot	Notes
TN755	Power Unit (neon)		Power Unit	Control Carriers
TN750	Announcement*	Right		Control Carrier
TN748C	Tone Detector	Left		Start in "A" Carrier
TN722B	DS1 Tie Trunk	Right		
TN747B	CO Trunk	Right		
TN753	DID Trunk	Right		
TN754	Digital Line	Left		Start in "A" Carrier
TN760B	Tie Trunk	Right		
TN742	Analog Line	Left		
TN763B	Auxiliary Trunk	Right		
TN769	Analog Line (neon)	Left		
TN758	Modem Pool	Right		
TN762B	Hybrid Line	Left		
TN725B	Speech Synthesizer	Right		
TN735	MET Line	Left		
TN746	Analog Line †	Left		
TN726	Data Line	Left		

* Only one TN750 Announcement circuit pack may be assigned in a System 75. It must be installed in the Control Carrier.

† There is a maximum of ten TN746 Analog Line circuit packs that may be assigned in any Port Carrier. These ten circuit packs do not have to be assigned into half-carrier groups. The Control Carrier(s) can have up to four TN746s each.

4. Use Table 4-A and identify how many ports are available on each type of circuit pack. If a circuit pack contains less than eight ports, strike out (do not use) the unavailable slots on the Port Assignment Record associated with that circuit pack.

   Some of the system forms you will later be completing require port information. When completing such a form, first determine the type circuit pack that is required. (The type circuit pack for each feature, where required, is identified in Chapter 5, System Features, Functions, and Services.) Obtain the Port Assignment Record and select the next available vacant port on the appropriate circuit pack. Then, complete the following Port Assignment Record items, as required.

   Jack #—To be completed by the installation technician. This information is available from data obtained using the *AT&T System 75—Planning/Configuration,* 555-200-600 (Users and Required Equipment Table).

   Extension Number—This information can be taken from data obtained using the *Planning/Configuration* document (Users and Required Equipment Table).

- old—Enter the extension number to be replaced by the System 75 terminal.
- new—Enter the new System 75 extension number.

Bldg., Flr., Rm.—Enter the identifying information for the location of the System 75 terminal.

Voice Terminal Type/Color—Enter the System 75 terminal information,

Voice Terminal Adjunct—Enter adjunct equipment associated with the terminal, for example, speakerphone, headsets, etc. This information can be taken from data obtained using the *Planning/Configuration* document (Users and Required Equipment Table).

Module—Enter MPDM, DTDM, MTDM, Data Stand, Call Coverage, Feature, or Display module as applicable.

Power—To be completed by the installation technician.

Blank—Use as necessary.

User Name/Use—Enter the name of the user or the feature name as appropriate, for example, SMDR. This information can be taken from data using the the *Planning/Configuration* document (Users and Required Equipment Table).

Once the preceding information has been entered on the Port Assignment Record, enter the port number on the system form you are completing. The port number consists of the letter assigned the carrier and four numbers that consist of the slot number (01 to 20) and the port number (01 to 08 or 01 to 24). A0208 is a port number example and designates the Control Carrier with a circuit pack mounted in slot 2 with port 08 assigned.

Go to Step 3—Complete Circuit Pack Forms if there are no System 75 XE cabinets in the configuration.

System 75 XE Port Assignment Records

Port assignments play an important role in how a System 75 XE is initialized and administered. Ports are the physical location on a circuit pack where terminals, trunks, or system adjuncts are connected. Once a port number is assigned, it becomes the “address” of the associated equipment or facility in the System 75 XE. A record must be made and kept of port assignments. The record will eventually be used for system installation/initialization and ongoing administration.

During the planning/configuration process, the types and quantities of circuit packs to be provided with the system were identified. This information must now be entered on the Port Assignment Records. Using the list of hardware types and quantities obtained, complete the Port Assignment Records.

Refer to Figures 4-6 and 4-7 for information on cabinet configurations and mountings. You will be required to use this information when completing the Port Assignment Records.

Remove the blank Port Assignment Record forms (see Figures 4-4 and 4-5) and duplicate as many times as necessary in order to have enough pages for each carrier in the system. A blank Port Assignment Record for eight ports (Figure 4-4) is required for all circuit packs that contain up to eight ports. Each 8-port assignment record provides assignment space for four slots on a carrier. A blank Port Assignment Record for 24 ports (Figure 4-5) is required for each carrier slot that will house circuit packs that contain more than eight ports, for example, the DS1 Tie Trunk circuit pack.

1. **With a set of records for a System 75 XE cabinet—following the "CARRIER" entry at the top of the Port Assignment Record form, enter the "CARRIER."**

   - **Enter the letter "A" for the Control Cabinet.**
   - **Assign a letter (B, C, or D) to all records for each Port Cabinet. Use the letter as noted on Figure 4-6 for the Port Cabinet location in a multiple System 75 XE port cabinet configuration.**

2. **Assign port circuit pack slot numbers on the sets of records as follows (refer to Table 4-D for circuit pack port slot availability and associated notes where applicable):**

   - **For Control Cabinet, begin with slot number 1 and number through 14.**
   - **All Port Cabinets (B, C, or D) slots should be numbered 1 through 18.**

   All models come equipped with a TN748C Tone Detector circuit pack in slot 1 for Port Cabinets B and C. If a TN741 circuit pack is used, then an additional TN748C circuit pack will be placed in AO1. These circuit packs may be installed in any slot on the cabinets, but it is recommended that they remain in their provided locations. No administration is required for the Tone Detector circuit packs.

Table 4-D. System 75 XE Port Circuit Packs and Associated Cabinet Locations

Circuit Pack			Port Cabinet		Control Cabinet	
Name	Code	Ports	Port Slot	Note	Port Slot	Note
Analog Line (8)	TN742	8	2-18	4	1-14	4
Analog Line (neon)	TN769	8	2-18	4	1-14	4
Analog Line (16)	TN746	16	2-18	4	1-14	4
Announcement	TN750		2-18	4	1-14	4
Auxiliary Trunk	TN763B	4	2-18	4	1-14	4
CO Trunk	TN747B	8	2-18	4	1-14	4
Data Line	TN726	8	2-18	4	1-14	4
DID Trunk	TN753	8	2-18	4	1-14	4
Digital Line	TN754	8	2-18	4	1-14	4
DS1 Tie Trunk	TN722B	24	2-18	4	1-14	4
DS1 Tie Trunk	TN767	24	2-18	4	1-14	4
Hybrid Line	TN762B	8	2-18	4	1-14	4
MET Line	TN735	4	2-18	4	1-14	4
Pooled Modem	TN758	2	2-18	4	1-14	4
Power Unit	TN755		1	4	13-14	4
Speech Synthesizer	TN725B	4	2-18	4	1-14	4
Tie Trunk	TN760B	4	2-18	4	1-14	4
Tone Clock	TN741		2,3	3	1	3
Tone Detector	TN748C		1,2	2	2-14	3
Tone Detector/ Generator	TN756		2,3	1	1	5

Notes

1. **TN756 Tone Detector/Generator—must be located in the first Port Cabinet when the system is configured four cabinets high.**
2. **TN748C Tone Detector—one always required if the cabinet is the first or second Port Cabinet in the system. The TN748C is not required if the cabinet is the third Port Cabinet in the system. Locate in port slot 2 if a TN755 is provided.**
3. **TN741 Tone Clock—provided in place of a TN756 when a TN722B DS1 Tie Trunk or TN767 DS1 Interface is used.**
4. **Provide as required.**
5. **TN756—Locate in port slot 1 when a TN765 Processor Interface circuit pack is provided. (The TN765 IS mounted in circuit pack slot labeled PROCR INRFC.)**

3. Next, assign circuit packs, if provided, to available slots using the following method:

Note: While the System 75 XE is designed to allow any port circuit pack to be mounted in any port slot, the following guidelines enhance system reliability by reducing the size of failure groups as well as by evenly distributing the system power load across power supplies.

The port circuit packs must be evenly distributed across the system Control and Port cabinets. The required sequence for loading cabinets with port circuit packs is shown in Table 4-E.

Table 4-E. System 75 XE Cabinet Loading Order

1.	Control Cabinet	Cabinet Position A
2.	Port Cabinet	Cabinet Position B (if used)
3.	Port Cabinet	Cabinet Position C
4.	Port Cabinet	Cabinet Position D

Certain circuit packs must be installed in dedicated slots on cabinets, such as the TN755 Power Unit. When these circuit packs are used, assign them to slots on the appropriate Port Assignments Record as shown on Table 4-F. Identify on Table 4-F the remaining circuit packs that are to be used. Assign the first circuit pack, of that code, to the appropriate slot on the "A" Port Assignment Record starting with the rightmost or leftmost port slot as indicated on the table. (Slot numbers are assigned from left to right on all cabinets.)

Note: The following assumes all cabinet positions (A through D) are used. For smaller systems, assign circuit packs to just those cabinets and their associated Port Assignment Records that are used.

Assign the second circuit pack of that code (when used) to the rightmost or leftmost port slot on the "B" Port Assignment Record, the third circuit pack (when used) to the "C" Port Assignment Record, and the fourth circuit pack (when used) to the "D" Port Assignment Record. When there are more circuit packs of one code than there are cabinets (Control and Port), the process begins again using the Port Assignment Record for the next cabinet in the Cabinet Loading Order. When a Port Assignment Record for an associated cabinet is full, it is skipped over and the process continues with the next Port Assignment Record in the sequence.

When all the circuit packs of a particular code are assigned, the next circuit pack of a new code that is used is assigned on the next Port Assignment Record. The process does not begin again on the "A" Port Assignment Record. For example, when assigning TN742 Analog Line circuit packs and the last circuit pack was assigned on the "C" Port Assignment Record, assign the first TN763B Auxiliary Trunk circuit pack on the "D" Port Assignment Record, not the "A" Port Assignment Record.

4. Use Table 4-D and determine how many ports are available on each type of circuit pack. If a circuit pack contains less than eight ports, strike out (do not use) the unavailable slots on the Port Assignment Record associated with that circuit pack.

Table 4-F. System 75 XE Port Circuit Pack Loading Order in Carriers

Code	Description	Load From	Dedicated Port Slot	Notes
TN755	Power Unit (neon)		13, 14	Control Cabinet
TN755	Power Unit (neon)		1	Port Cabinets
TN750	Announcement *		10	Control Cabinet
TN756	Tone Detector		2, 3	Port Cabinet (See Notes, Table 4D)
TN756	Tone Detector		1	Control Cabinet (See Notes, Table 4D)
TN741	Tone Clock		2, 3	Port Cabinet (See Notes, Table 4D)
TN748C	Tone Detector		1,2	Port Cabinet (See Notes, Table 4D)
TN722B	DS1 Tie Trunk	Right		
TN747B	CO Trunk	Right		
TN753	DID Trunk	Right		
TN754	Digital Line	Left		Start in "A" Cabinet
TN760B	Tie Trunk	Right		
TN742	Analog Line	Left		
TN763B	Auxiliary Trunk	Right		
TN769	Analog Line (neon)	Left		
TN758	Modem Pool	Right		
TN762B	Hybrid Line	Left		
TN725B	Speech Synthesizer	Right		
TN735	MET Line	Left		
TN746	Analog Line †	Left		
TN726	Data Line	Left		

* Only one TN750 Announcement circuit pack may be assigned in a System 75 XE. When used, it must be installed in the Control Cabinet.

† There is a maximum of ten TN746 Analog Line circuit packs that may be assigned in any Port Cabinet. These ten circuit packs do not have to be assigned into half-cabinet groups. The Control Cabinet(s) can have up to four TN746s each.

Some of the forms you will be completing require port information. When completing such a form, first determine the type circuit pack that is required. The type circuit pack for each feature, where required, is identified in Chapter 5 (System Features, Functions, and Services). Next, obtain the Port Assignment Record and select the next vacant port on the appropriate circuit pack. Then, complete the following Port Assignment Record items, as required.

Jack # —To be completed by the installation technician. This information can be taken from data obtained using the *AT&T System 75—Planning/Configuration,* 555-200-600 (Users and Required Equipment Table).

Extension Number—This information can be taken from data obtained using the *Planning/Configuration* document.

- **old—Enter the extension number to be replaced by the System 75 XE terminal.**
- **new—Enter the new System 75 XE extension number.**

Bldg., Flr., Rm.—Enter the identifying information for the location of the System 75 XE terminal.

Voice Terminal Type/Color—Enter the System 75 XE terminal information.

Voice Terminal Adjunct—Enter adjunct equipment associated with the terminal, for example, speakerphone, headsets, etc. This information can be taken from data obtained using the *Planning/Configuration* document (Users and Required Equipment Table).

Module—Enter MPDM, DTDM, MTDM, Call Coverage, Feature, or Display module.

Power—To be completed by the installation technician.

Blank—Use as necessary.

User name/use—Enter the name of the user or the feature name as appropriate, for example, SMDR. This information can be taken from data obtained using the *Planning/Configuration* document (Users and Required Equipment Table).

Once the preceding information has been entered on the Port Assignment Record, enter the port number on the system form you are completing. The port number consists of the letter assigned the cabinet and four numbers that consist of the slot number (01 to 18) and the port number (01 to 08 or 01 to 24). A0208 is a port number example for a single cabinet system (Control Cabinet only) with a circuit pack mounted in slot 02 with port 08 assigned.

Step 3—Complete Circuit Pack Forms (Account Team/Client)

Note: The Circuit Pack forms do not have to be completed if the System 75 cabinet is equipped with the circuit packs at the time of administration.

The Circuit Pack form allows the user to administer circuit packs to carrier slots before the circuit packs are actually installed in the carrier or cabinet. This then allows the system to be configured (administered) when the circuit packs have not yet been physically inserted in their appropriate slots. In order for any end equipment (voice terminals, data terminals, etc.) to be translated into the system, either a circuit pack must be physically inserted in the appropriate slot or must be logically installed using the Circuit Pack form. The number of Circuit Pack forms and associated pages to be completed is dependent on the system configuration; for example, a System 75 (not System 75 XE) with one Model 1 A control carrier (use one circuit pack CARRIERS 1 A form), one and up to four port carriers (use three circuit pack CARRIER xy forms—one for each port carrier). In this example five forms must be completed. Before any voice terminals, attendant consoles, or trunks can be administered in the system the correct type of circuit pack must be installed in the

appropriate slot or, using the Circuit Pack form, a circuit pack must be assigned to the slot. Use the circuit pack code (circuit pack TN number) when assigning the circuit packs to slots.

The Circuit Pack forms are shown in Figures 4-8 and 4-9. The information entered on the form can be taken from a completed Port Assignment Record.

Step 4—Required System Forms (Account Team/Client)

The remaining steps in the survey consist of instructions for completing system forms. As you proceed, there will be times when the data for a field on a form has not yet been identified. For those cases, note the fields requiring completion and then proceed. Later, return to the form and complete it as the applicable data is identified.

The following forms are required in all systems and should be completed in the order given. For each form, review the associated feature description contained in Chapter 5 (System Features, Functions, and Services), identify the fields on the form to be completed, and determine the number of forms required. Complete the fields on the duplicated form(s) as required.

- Dial Plan
- Class of Restriction
- Class of Service
- Feature Access Codes
- System Parameters

Note: Station Message Detail Recording (SMDR) can be provided on selected trunk groups. Talk with the customer to determine the trunk groups that should be marked for SMDR. This can be done concurrently with the next step.

Step 5—Trunk Groups (Account Team)

A complete list of all trunk groups available for System 75 is provided below. For each trunk group to be provided, review the associated trunk group description contained in Chapter 2 (ARS and Trunks—Instructions and Forms), identify the associated trunk group forms required and the fields on the form(s) to be completed, and determine the number of forms required. Complete the appropriate fields on the duplicated forms as required.

- Central Office (CO)
- Direct Inward Dial (DID)
- Foreign Exchange (FX)
- Wide Area Telecommunications Service (WATS)

- Customer Provided Equipment
- Tie
- Advanced Private Line Termination (APLT)
- Access
- Tandem
- Digital Multiplexed Interface (DMI)
- Release Link

Step 6—Optional Feature Software (Account Team)

Each of the following features is optional and may or may not be provided with the system. For each feature to be provided, review the associated feature description contained in Chapter 5 (System Features, Functions, and Services), identify the associated system forms and the fields on the forms to be completed to determine the number of forms required. Complete the appropriate fields on the duplicated forms as required.

- Abbreviated Dialing—Enhanced List
- Audio Information Exchange System (AUDIX)
- Authorization Codes
- Automatic Call Distribution (ACD)
- Automatic Route Selection (ARS)
- Automatic Route Selection Partitioning
- Centralized Attendant Service (CAS)—Branch
- Centralized Attendant Service (CAS)—Main
- Distributed Communications System (DCS)
- Emergency Access to the Attendant
- Forced Entry of Account Codes
- Hospitality
- Hospitality Parameter Reduction
- Private Networking

- **Service Observing**
- **Uniform Dial Plan**

Do not complete forms or fields on forms associated with an optional feature that is not provided.

Step 7—Remaining System Features and Services (Account Team/Client)

For each feature to be assigned, review the associated feature description in Chapter 5 (System Features, Functions, and Services). Identify the associated system forms and the fields on the forms to be completed to determine the number of forms required. Complete the fields on the duplicated forms as required.

***Audio Information Exchange System (AUDIX)* (Client)**

The following features and forms are used to assign AUDIX. These features are also listed in Chapter 5. To implement these features, complete the appropriate forms assigned to each feature.

- **Station**
- **Class of Service**
- **Call Coverage Paths**
- **Hunt Group**
- **Interface Data Module**
- **Interface Links**
- **Processor Channel Assignments**
- **Modular Trunk Data Module (MTDM)**
- **Modular Processor Data Module (MPDM)**
- **Recorded Announcement**

***Automatic Call Distribution (ACD)* (Client)**

The following forms and features are associated with ACD. These features are also listed in Chapter 5. To implement these features for ACD, complete the appropriate forms assigned to each feature.

- **Abandoned Call Search**
- **Agent Call Handling**

- **Central Office Trunk Group**
- **Class of Restriction**
- **Foreign Exchange Trunk Group**
- **Hunt Group**
- **Intraflow and Interflow**
- **Recorded Announcements**
- **Queue Status Indications**
- **Service Observing**
- **Voice Terminals**
- **Wide Area Telecommunications Service (WATS)**

Call Management System (CMS)

The following features and forms are used to assign CMS. These features are also listed in Chapter 5. To implement these features, complete the appropriate forms assigned to each feature.

- **Station**
- **Modular Processor Data Module**
- **Interface Data Module**
- **Interface Links**
- **Processor Channel Assignment**

Distributed Communications System (DCS)

The following forms and features are used to assign DCS. These features are also listed in Chapter 5. To implement these features, complete the appropriate forms assigned to each feature.

- **Dial Plan and Uniform Dial Plan**
- **DS1 Circuit Pack**
- **Hop Channel Assignments**
- **Interface Data Module**

- **Interface Links**
- **Processor Channel Assignments**
- **Routing Patterns**
- **RNX Table**
- **Synchronization Plan**
- **Tie Trunks**

Hospitality Features

The following features are used to assign the Hospitality features. The Hospitality features are also listed in Chapter 5. To implement these features, complete the appropriate forms assigned to each feature.

- **Automatic Wakeup**
- **Do Not Disturb**
- **Property Management System Interface**
  - **Call Rating**
  - **Check-In/Check-Out**
  - **Controlled Restriction**
  - **Housekeeping Status**
  - **Message Waiting Notification**
  - **Room Change/Room Swap**

Step 8—End User Survey (Account Team/Client)

Establish contact with a representative from each department, section, or work group that will be using the System 75. Each person selected must have the authority to make some decisions about the new communications system. You will need to interview these contacts as you go about the process of completing the system forms.

Identify each system user name, terminal type, and extension number to be assigned.

If required, enter each user name, terminal type, and extension number on a floor plan, or equivalent drawing. The floor plan will help you visualize various work groups and make later group assignments such as call answering groups or call pickup groups easier. This drawing, or an equivalent, can then be used by the installation technicians when installing voice terminals and associated equipment.

For all terminal types and quantities of each type identified, remove the applicable blank station forms from Chapter 7 and duplicate as many times as necessary.

On each duplicated station form, enter the applicable terminal type, user name, extension number, and port number.

Note: Refer to Step 2—Port Assignments for information on assigning a port and obtaining an equivalent port number for entry on the station form.

Step 9—Group Forms (Account Team/Client)

For each of the following features to be provided, review the associated description contained in Chapter 5 (System Features, Functions, and Services), identify the associated forms and the fields on the forms to be completed, and determine the number of forms required. Remove the applicable blank forms from Chapter 7 (Blank Forms) and duplicate as many times as necessary. Complete each field on the duplicated form as required.

- Abbreviated Dialing—Group List
- Abbreviated Dialing—Personal List
- Call Coverage
- Hunt Groups
- Intercom Groups—Automatic and Dial
- Pickup Groups
- Terminating Extension Groups

Step 10—Voice Terminals/BCTs (Account Team/Client)

Complete the various fields on the previously obtained station forms. Before actually assigning features on the forms, review the features that can be assigned to each terminal type, the recommended button nomenclature, and the abbreviated feature name that must be entered on the form. The maximum number of buttons that can be assigned to a feature or function must also be considered. Information on each voice terminal type is provided in Chapter 6 (System Features—Instructions and Forms). The maximum number of buttons that can be assigned features (administrable buttons) is shown on each terminal type. You cannot exceed this number when assigning feature buttons to the terminal. Figures show each terminal that can be assigned, their associated button positions, and a suggested standard button arrangement.

The recommended button nomenclature is also used in *AT&T System 75—Console Operations,* 555-200-700, *AT&T System 75—Voice Terminal Operations,* 555-200-701, and related System 75 User Instructions. If different nomenclature is used than that recommended, the related documentation should be marked to reflect the changes, and the nomenclature then used in all system assignments. When the terminal is installed, the button nomenclature is then entered on a label and inserted next to the button that is assigned the feature. A set of preprinted labels comes with each voice terminal.

Step 11—Review (Account Team/Client)

Review all features and services listed in Chapter 5 (System Features, Functions, and Services) and insure that a form has been completed for all features and services to be provided. Review all features requiring hardware and insure that a port assignment has been made on a Port Assignment Record for each circuit pack required, and that the associated port number has been correctly entered on the associated system and circuit pack administration forms.

Retain all completed forms for use during system initialization. The method used for determining circuit pack locations is the same method used at the factory. If there are differences, the system configuration will be changed to match the Port Assignment Records before initialization.

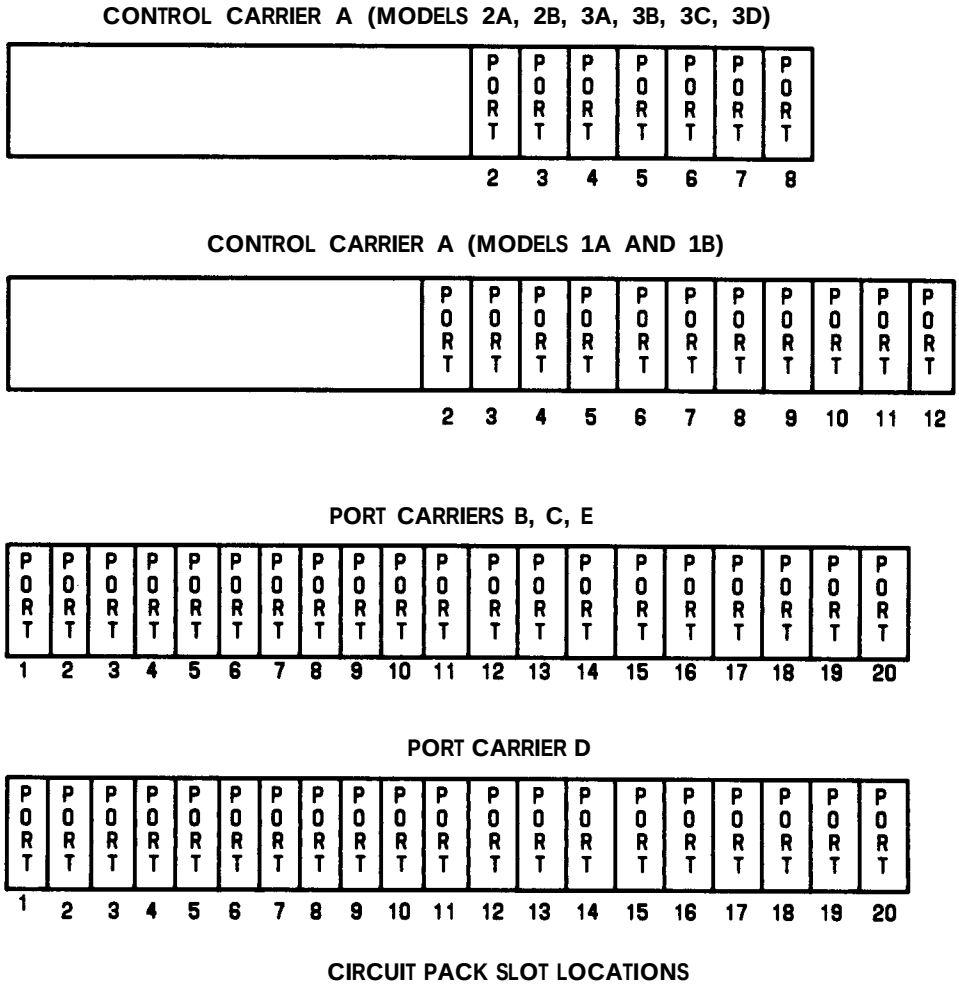


Figure 4-1. Control and Port Carrier Circuit Pack Slot Locations for Model 3 and Models 1 and 2 (Front View) (V3)

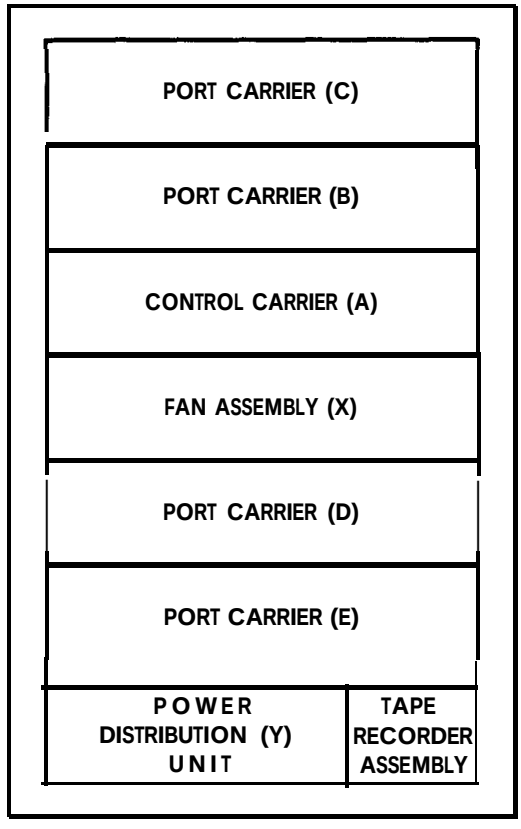


Figure 4-2. Model 3 Carrier Locations and Designations (Front View) (V3)

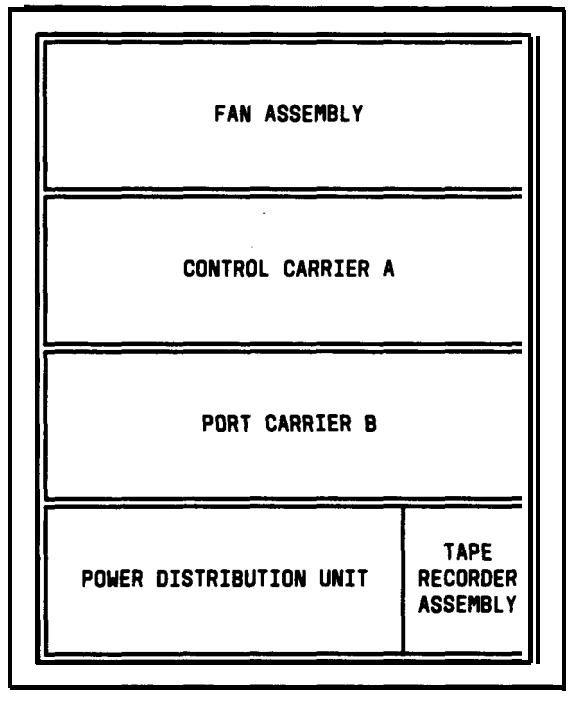


Figure 4-3. Models 1 and 2 Carrier Locations and Designations (Front View) (V3)

Slot	Port	Jack*	Extension Number Old	Extension Number New	Bldg Flr Rm	Voice Terminal Type	Voice Terminal Color	Voice Terminal Adjunct	Module	Power*		User Name/Use
	01											
____ Slot	02											
	03											
	04											
	05											
____ CKT PK Type	06											
	07											
	08											
	01											
____ Slot	02											
	03											
	04											
	05											
____ CKT PK Type	06											
	07											
	08											
	01											
____ Slot	02											
	03											
	04											
	05											
____ CKT PK Type	06											
	07											
	08											
	01											
____ Slot	02											
	03											
	04											
	05											
____ CKT PK Type	06											
	07											
	08											

* To be completed by installer

Figure 4-4. Port Assignment Record (For up to Eight Ports)

CARRIER_____ PORT ASSIGNMENT RECORD Page_____

Slot	Port	Jack*	Extension Number		Bldg Flr Rm	Voice Terminal		Voice Terminal Adjunct	Module	Power*		User Name/Use
			Old	New		Type	Color					
	01											
	02											
	03											
	04											
	05											
	06											
	07											
	08											
	09											
	10											
_____	11											
Slot	12											
	13											
_____	14											
CKT PK Type	15											
	16											
	17											
	18											
	19											
	20											
	21											
	22											
	23											
	24											

* To be completed by installation technician

Figure 4-5. Port Assignment Record (For up to 24 Ports)

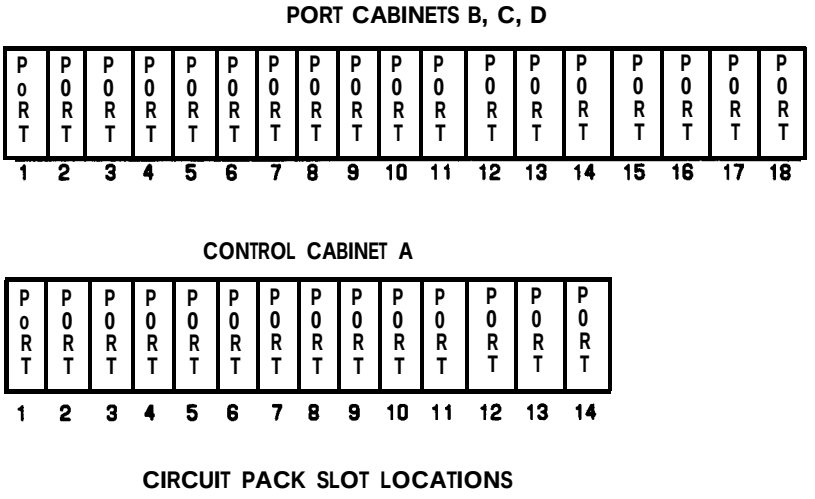


Figure 4-6. Control Cabinet and Port Cabinet Circuit Pack Slot Location—Four Cabinet System (Front View) (System 75 XE)

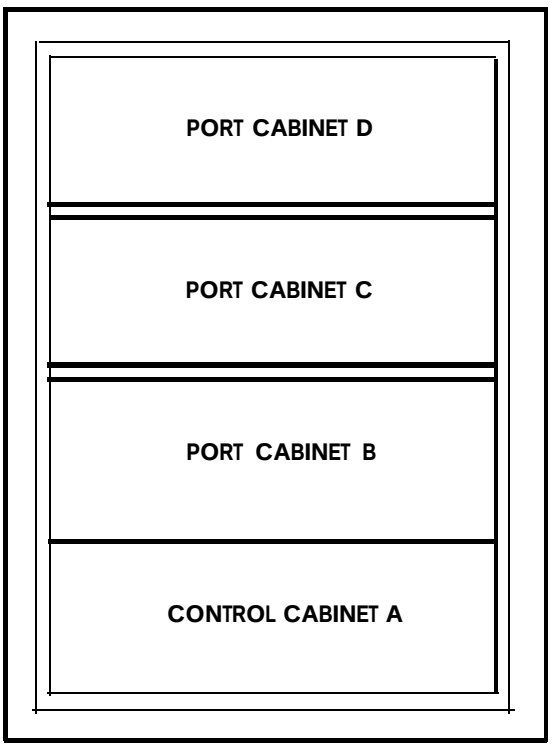


Figure 4-7. Cabinet Locations and Designations—Four Cabinet System (Front View) (System 75 XE)

Page 1 of 5

CARRIER A

Slot	Code	Name	Slot	Code	Name
01:			11:		
02:			12:		
03:			13:		
04:			14:		
05:					
06:					
07:					
08:					
09:					
10:					

- Use slots A11-14 only with J-AB type control carrier.
- Use slots A13-A14 only when not occupied by power unit.

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CARRIER B

Slot	Code	Name	Slot	Code	Name
01:			11:		
02:			12:		
03:			13:		
04:			14:		
05:			15:		
06:			16:		
07:			17:		
08:			18:		
09:			19:		
10:			20:		

Figure 4-8. Circuit Pack Administration Form (V3) (Sheet 1 of 3)

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CARRIER C

Slot	Code	Name	Slot	Code	Name
01:			11:		
02:			12:		
03:			13:		
04:			14:		
05:			15:		
06:			16:		
07:			17:		
08:			18:		
09:			19:		
10:			20:		

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CARRIER D

Slot	Code	Name	Slot	Code	Name
01:			11:		
02:			12:		
03:			13:		
04:			14:		
05:			15:		
06:			16:		
07:			17:		
08:			18:		
09:			19:		
10:			20:		

Figure 4-8. Circuit Pack Administration Form (V3) (Sheet 2 of 3)

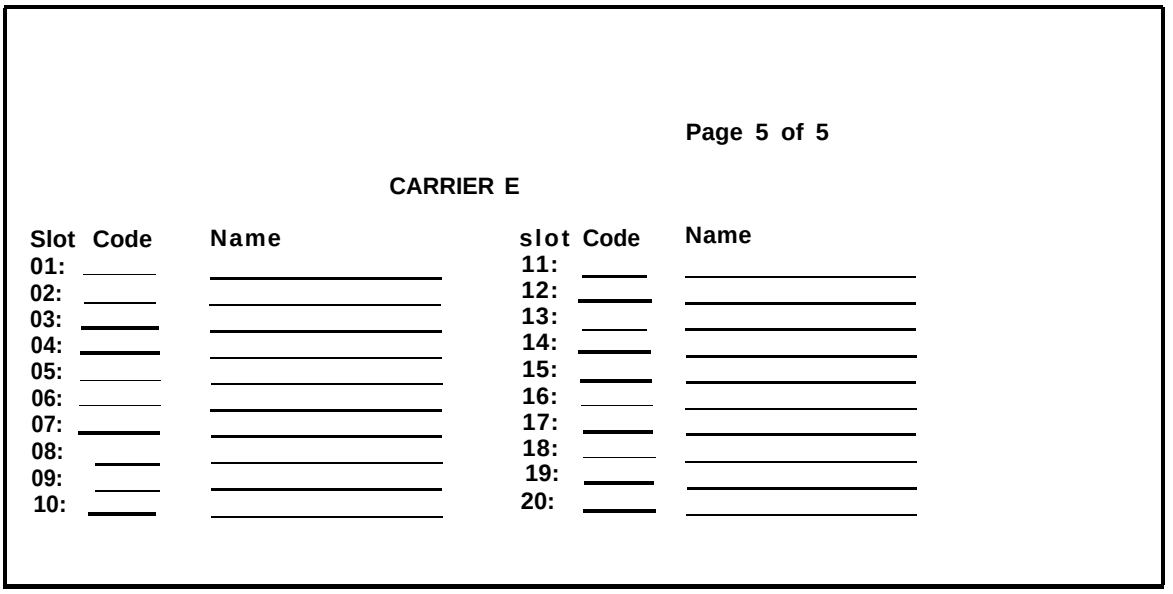

Figure 4-8. Circuit Pack Administration Form (V3) (Sheet 3 of 3)

Page 1 of 5

CARRIER A

Slot	Code	Name	Slot	Code	Name
01:			11:		
02:			12:		
03:			13:		
04:			14:		
05:					
06:					
07:					
08:					
09:					
10:					

- Use slots A11-14 only with J-AB type control carrier.

Ž Use slots A13-A14 only when not occupied by power unit.

Page 2 of 5

CARRIER B

Slot	Code	Name	Slot	Code	Name
01:			11:		
02:			12:		
03:			13:		
04:			14:		
05:			15:		
06:			16:		
07:			17:		
08:			18:		
09:					
10:					

Figure 4-9. Circuit Pack Administration Form (System 75 XE)(Sheet 1 of 2)

Page 3 of 5

CARRIER C

Slot	Code	Name	Slot	Code	Name
01:			11:		
02:			12:		
03:			13:		
04:			14:		
05:			15:		
06:			16:		
07:			17:		
08:			18:		
09:					
10:					

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CARRIER D

Slot	Code	Name	Slot	Code	Name
01:			11:		
02:			12:		
03:			13:		
04:			14:		
05:			15:		
06:			16:		
07:			17:		
08:			18:		
09:					
10:					

Figure 4-9. Circuit Pack Administration Form (System 75 XE)(Sheet2of2)

CHAPTER 5. SYSTEM FEATURES, FUNCTIONS, AND SERVICES

Overview

This chapter lists the forms and fields required to implement the system and voice terminal features associated with the System 75.

A brief description of each feature requiring implementation is given along with associated procedures and hardware requirements. A reference table is provided for each feature. The table provides a list of system forms required to assign the feature, the fields on the form(s) requiring completion, and page locations for instructions and blank forms. The forms are listed in the tables in the order they should be completed. A listing of the forms with associated instructions and additional information, if applicable, is provided immediately following the table. Examples are provided for complex features.

This part does not attempt to discuss any feature in detail. Refer to *AT&T System 75—Feature Description,* 555-200-201, for a detailed description.

System 75 features can be categorized into five functional areas: Voice Management, Data Management, Network Services, System Management, and Hospitality Features. A list of features by these functional areas is given on the next two pages. Features requiring implementation are listed alphabetically following the functional list. Features requiring no implementation are denoted with an asterisk (*).

VOICE MANAGEMENT FEATURES
Abandoned Call Search
Abbreviated Dialing
Agent Call Handling
AP Demand Print
Attendant Auto-Manual Splitting *
Attendant Call Waiting *
Attendant Control of Trunk Group Access
Attendant Direct Extension Selection With Busy Lamp Field
Attendant Direct Trunk Group Selection
Attendant Display
Attendant Recall *
Attendant Release Loop Operation *
Audio Information Exchange (AUDIX) Interface
Authorization Codes
Automatic Callback
Automatic Call Distribution
Automatic Incoming Call Display *
Automatic Wakeup
Bridged Call Appearance
Busy Verification of Terminals and Trunks
Call Coverage
Call Forwarding-All Calls
Call Management System (CMS)
Call Park
Call Pickup
Call Waiting Termination
Centralized Attendant Service
Class of Restriction
Class of Service
Code Calling Access
Conference—Attendant *
Conference—Terminal *
Consult
Coverage Callback
Coverage Incoming Call Identification
Dial Access to Attendant *
Dial Plan
Direct Department Calling and Uniform Call Distribution
Direct Inward Dialing
Direct Outward Dialing
Distinctive Ringing (Alerting)
Emergency Access to the Attendant
Facility Busy Indication
Forced Entry of Account Codes
Go To Cover
Hold
Hot Line Service
Hunting
Individual Attendant Access
Integrated Directory
Intercept Treatment
Intercom—Automatic
Intercom—Dial

VOICE MANAGEMENT FEATURES
Inter-PBX Attendant Calls
Intraflow and Interflow
Last Number Dialed
Leave Word Calling
Line Lockout *
Loudspeaker Paging Access
Manual Message Waiting
Manual Originating Line Service
Manual Signaling
Multi-Appearance Preselection and Preference
Multiple Listed Directory Numbers
Music-on-Hold Access
Night Service—Hunt Group
Night Service—Night Console Service
Night Service—Night Station Service
Night Service-Trunk Answer From Any Station
Night Service—Trunk Group
Personal Central Office Line
Personalized Ringing
Power Failure Transfer *
Priority Calling
Privacy—Attendant Lockout
Privacy—Manual Exclusion
Queue Status Indications
Recall Signaling *
Recorded Telephone Dictation Access
Remote Access
Restriction—Controlled
Restriction—Miscellaneous Terminal
Restriction—Miscellaneous Trunk
Restriction—Toll/Code
Restriction—Voice Terminal—Inward
Restriction—Voice Terminal—Manual Terminating Line
Restriction—Voice Terminal—Origination
Restriction—Voice Terminal—Outward
Restriction—Voice Terminal—Termination
Ringback Queuing
Rotary Dialing *
Send All Calls
Senderized Operation *
Service Observing
Single-Digit Dialing and Mixed Station Numbering
SMDR Account Code Dialing
Straight Forward Outward Completion *
Temporary Bridged Appearance *
Terminating Extension Group
Through Dialing *
Timed Reminder
Touch-Tone Dialing *
Transfer *

VOICE MANAGEMENT FEATURES

- Trunk Group Busy/Warning Indicators To Attendant
- Trunk Identification By Attendant
- Trunk-To-Trunk Transfer
- Voice Message Retrieval
- Voice Terminal Display

DATA MANAGEMENT FEATURES

- Data Call Setup
- Data Hot Line
- Data-Only Off-Premises Extensions
- Data Privacy
- Data Restriction
- Digital Multiplexed Interface (DMI) Trunk Group
- DS1 Tie Trunk Service
- EIA Interface
- Information System Network (ISN) Interface
- Modem Pooling
- Permanent Switched Calls
- Uniform Call Distribution

NETWORK SERVICES FEATURES

- AAR/ARS Partitioning
- Automatic Alternate Routing
- Automatic Circuit Assurance
- Automatic Route Selection
- Distributed Communications System (DCS)
  - DCS Alphanumeric Display for Terminals
  - DCS Attendant Control of Trunk Group Access
  - DCS Attendant Direct Trunk Group Selection
  - DCS Attendant Display
  - DCS Automatic Callback
  - DCS Automatic Circuit Assurance
  - DCS Busy Verification of Terminals and Trunks
  - DCS Call Forwarding-All Calls
  - DCS Call Waiting *
  - DCS Distinctive Ringing *
  - DCS Leave Word Calling
  - DCS Multi-Appearance Conference/Transfer *
  - DCS Trunk Group Busy/Warning Indication
- Facility Restriction Levels and Traveling Class Marks
- MEGACOM® Service
- Network Access—Private
- Network Access—Public
- Off-Premises Station

NETWORK SERVICES FEATURES

SYSTEM MANAGEMENT FEATURES

- Facility Test Calls
- Customer-Provided Equipment Alarm
- Move Agent From CMS *
- Station Message Detail Recording (SMDR)
- System Measurements *
- System Status Reports *

HOSPITALITY FEATURES

- Automatic Wakeup
- Do Not Disturb
- Property Management System Interface

AAR/ARS Partitioning

Provides for the Automatic Alternate Routing (AAR) and Automatic Route Selection (ARS) services to be partitioned among as many as four different groups of users within a single System 75.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	Partitioned Group	6-50	7-52
ARS Foreign Numbering Plan Area (FNPA)	All	2-3	7-41
ARS Home Numbering Plan Area (HNPA)	All	2-7	7-43
RNX Translation Table	All	2-23	7-138

- **Class of Restriction—Assign a Partitioned Group Number that is used by AAR/ARS to select the AAR/ARS service for a group of users.**
- **ARS Foreign Numbering Plan Area (FNPA)—Complete required sections.**
- **ARS Home Numbering Plan Area (HNPA)—Complete required sections.**
- **RNX Translation Table—Complete required sections.**

Hardware Requirements

None.

Abandoned Call Search

Provides identification of abandoned calls. Before an incoming trunk call to a hunt group or Automatic Call Distribution (ACD) split rings the hunt group member or agent, the system checks to make sure the calling party has not abandoned the call (hung up). If the calling party has abandoned the call, the call does not ring the hunt group member or agent.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Central Office Trunk Group	Abandoned Call Search	2-45	7-49
Foreign Exchange Trunk Group	Abandoned Call Search	2-70	7-87
WATS Trunk Group	Abandoned Call Search	2-101	7-148

- **Trunk Group Forms—Complete Abandoned Call Search field.**

Hardware Requirements

Requires a port on the TN747B Central Office circuit pack.

Abbreviated Dialing

Provides lists of stored numbers that can be accessed to place local, long-distance, and international calls; to activate features; or to perform end-to-end signaling. (End-to-end signaling allows access to remote computer equipment.) Stored numbers can be accessed by voice terminal users and data terminal users.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Pege #)	BLANK FORM (Page #)
Feature Access Codes	AD List 1 Access Code AD List 2 Access Code AD List 3 Access Code Program Access Code	6-89	7-76
Abbreviated Dialing 7103A Button Assignment	All	6-12	7-29
Station	AD List 1 AD List 2 AD List 3	6-181 to 6-390	7-151 to 7-186
	Hot Line Destination-AD List Number (if applicable)		
Console Parameters	List1, 2, 3	6-54	7-56
Attendant Console	abrv-dial Button Assignment	6-15	7-37
	Button Assignments (AD associated, if applicable)		
Abbreviated Dialing System List	All	6-10	7-26
Abbreviated Dialing Group List	All	6-6	7-22
Abbreviated Dialing Personal List	All	6-8	7-25
Abbreviated Dialing Enhanced List	All	6-2	7-2 to 7-20
Data Line Data Module	List1:	6-57	7-60

- **Feature Access Codes Form—Verify that all feature access codes for accessing lists and programming entries in a personal list have been established in the Abbreviated Dialing List 1, List 2, and List 3 Access Code and Program Access Codes sections.**
- **Abbreviated Dialing 7103A Button Assignment Form—Complete all sections of the 7103A list, if the system uses 7103A Fixed Feature Voice Terminals.**

- **Station Form—Assign lists to voice terminal's Abbreviated Dialing section. On multi-appearance voice terminals, optionally assign buttons to access an Abbreviated Dialing list entry. For example, if entry 1 on the system list is the number of a branch office in London, then this entry can be assigned to a button. The call can be placed by lifting the receiver and pressing the button. Similarly, entries from a group or personal list can be assigned to a button. Users can program buttons which are assigned to an Abbreviated Dialing personal list entry.**

  Some features have a button directly associated with them; others do not. For example, a Call Pickup button can be assigned to a multi-appearance voice terminal, whereas a Priority Calling button cannot. To associate Priority Calling with a button, assign the Priority Calling feature access code to an Abbreviated Dialing list (normally, the System List) and then assign that list entry to the button. This is exactly the same procedure as discussed in the preceding paragraph. The only difference is that the Abbreviated Dialing list entry is a feature access code instead of a telephone number.

  Certain voice terminals used with System 75 are capable of storing numbers. Like Abbreviated Dialing, a stored number is automatically dialed when the associated button is pressed. This, however, is Repertory Dialing, not Abbreviated Dialing. In this case, the number is stored in the voice terminal, not in the system. Abbreviated Dialing only applies for numbers stored in the system.

- **Console Parameters Form—Assign lists to Console Parameters Abbreviated Dialing field.**

- **Attendant Console—Assign abbreviated dialing list button to attendant console.**

- **Abbreviated Dialing System List Form—Establish a System List. Complete all sections.**

- **Abbreviated Dialing Group List Form—Establish Group Lists. Contact personnel who will use Abbreviated Dialing Group List to determine the codes or numbers that should be entered on the various Group Lists. Blank lists can be established and codes or numbers can be added later. Also, specify if calls to numbers on this list should be privileged. Complete all sections.**

- **Abbreviated Dialing Personal List Form—Establish Personal Lists. Users can program their own Personal List once the list is in the system via the System Access Terminal (SAT). Complete all sections.**

- **Abbreviated Dialing Enhanced List—Establish an Enhanced List. Complete all sections.**

- **Data Line Data Module—Assign lists to Data Module List 1 section.**

Hardware Requirements

None.

Access Trunk Group

An Access Trunk Group provides System 75 with the ability to communicate with another PBX as either a main or a tandem switch. Trunks in this group will not send or receive Traveling Class Marks.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Access Trunk Group	All	2-32	7-30

- **Trunk Group Form (Access)—Complete all sections as required.**

Hardware Requirements

A port is required on a TN722A, TN722B, TN760, or TN760B circuit pack for each trunk to be assigned in the Access Trunk Group. A TN760 or TN760B provides four ports. A TN722A or TN722B provides 24 ports.

Advanced Private Line Termination (APLT) Trunk Group

An Advanced Private Line Termination (APLT) Trunk Group provides access between the System 75 and another PBX or Centrex. If the trunk group is assigned as external, incoming calls will have a 2-burst distinctive ringing signal.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
APLT Trunk Group	All	2-39	7-34

- **APLT Trunk Group Form—Complete all sections as required,**

Hardware Requirements

A port on a TN760 or TN760B Tie Trunk circuit pack or a TN722A or TN722B DS1 Tie Trunk circuit pack is required for each trunk to be assigned in the APLT Trunk Group. A TN760 or TN760B provides four ports for 4-wire E&M lead signaling. A TN722A or TN722B provides 24 ports for tie trunks, release link trunks, and APLT trunks.

Agent Call Handling

Provides Automatic Call Distribution (ACD) agents with the various capabilities required to answer and process ACD calls.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Complete Feature Access Codes for Automatic Call Distribution Features	6-89	7-76
Station (Voice Terminal)	Button/Feature Button Assignments -manual-in -auto-in -aux-work -after-call -assist -release	6-181 to 6-390	7-151 to 7-186
Attendant Console	24 Feature/Button Assignments -after-call -assist -auto-in -aux-work -manual-in -release	6-15	7-37

- **Feature Access Codes Form—Assign ACD features as needed.**
- **Station Form—Assign Agent Call Handling to stations as needed.**
- **Attendant Console Form—Assign Agent Call Handling to Attendant Console as needed.**

Hardware Requirements

None.

Applications Processor (AP) Interface and Assignments (V3)

Allows for the implementation of an Applications Processor (AP) in System 75. The AP provides AP-based features to the system such as Automated Building Management, Call Detail Recording and Reporting, Directory, Electronic Documentation Communications, Message Center, and Terminal Emulation,

Figure 5-1 shows the AP connected to the System 75 using a Modular Processor Data Module.

Applications Processor Interface

Administration

To implement the AP interface, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	All	6-181 to 6-390	7-151 to 7-186
Interface Data Module	All (for one AP link)	6-139	7-106
Interface Links	All (for one AP link)	6-141	7-110
Processor Channel Assignment	All (for one AP link)	6-163	7-127
MPDM	All	6-153	7-118
Feature Related System Parameters	AP connected	6-105	7-81

- **Station Form—Complete one station form for a 2500 Voice Terminal. This is used to assign the analog ports cabled to the AP. Enter y in the Data Restriction and enter n in the Call Waiting Indication field.**
- **Interface Data Module Form—Complete all sections as required. Assigns a link (interface channel) in the digital switch for an AP interface. There are four links (01 to 04) available for assignment.**
- **Interface Links Form—Complete all fields on the form for one link as required. Assigns a link from the Interface circuit pack for the AP.**
- **Processor Channel Assignment Form—Complete the required fields on the form for one interface. Enter the AP link number from the Interface Links Form.**

Ž **MPDM Data Module Form—Complete all sections as required. Assigns a port on a TN754 Digital Line circuit pack to provide an interface between the AP, its associated Modular Processor Data Module, and the digital switch.**

- **Feature Related System Parameters Form—Enter y in AP connected field.**

Hardware Requirements

Requires a TN716 Interface 1 circuit pack, a TN738 Interface 2 circuit pack, and a TN719 Interface circuit pack. In addition, a port on a TN754 Digital Line circuit pack is required to provide the AP interface from its associated MPDM to the digital switch. The Interface circuit packs do not require port assignments in the system. The TN742 is used with the 2500 Voice Terminal.

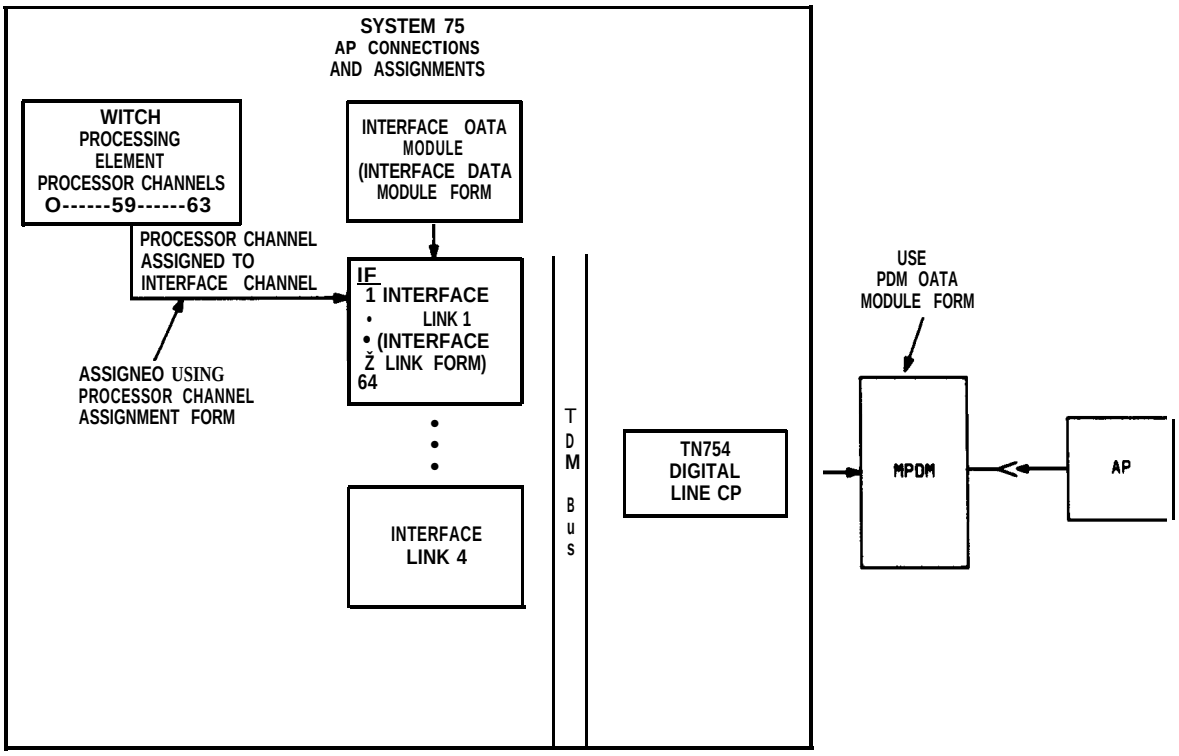


Figure 5-1. Applications Processor Connected to a Digital Line Circuit Pack

Applications Processor Assignments

Administration

To implement the AP Assignments, the following form(s) or section of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Hunt Groups	Group Extension Group Type Group Name Message Center ACD Queue Queue Length Group Extension	6-125	7-96
Station	COS COS Coverage Path LWC Reception LWC Activation Redirect Notification Coverage Path Button/Feature Button Assignments call-fwd goto-cover lwc-store send-calls	6-181 to 6-390	7-151 to 7-186
Class of Service	Call Fwd-All Calls	6-53	7-53
Call Coverage Paths	All	6-43	7-48

- **Hunt Groups Form—**
  - **— Enter ucd in the Group Type field.**
  - **— Enter n in the ACD field.**
  - **— Enter y in the Queue field.**
  - **— Enter the number of users assigned as hunt group members in the Queue Length field. For example, if the hunt group has ten members, then 10 must be entered in the field. These members are used for AUDIX voice retrieval.**

- **Station Forms—**

  — **Assign correct Class of Service number so voice terminal can activate Call Forwarding All Calls feature.**

  — **Enter y in the LWC Activation field.**

  — **Enter y in the Redirection Notification field.**

  — **Assign a coverage path number which has the AUDIX hunt group in a coverage point.**

Ž **Class of Service Form—Verify Call Forwarding All Calls feature is activated.**

- **Call Coverage Paths Form—Assign a coverage path which includes the AUDIX hunt group number in a coverage point.**

AP Demand Print (V3)

Allows the voice terminal user to print his or her own undelivered messages without calling the AP-based Message Center.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Button/Feature Button Assignments -print-msgs	6-181 to 6-390	7-151 to 7-186
Feature Access Codes	Print Messages Access Codes	6-89	7-76

- **Station Forms—Assign an AP Demand Print (print-msgs) button.**
- **Feature Access Codes Form—Assign Print Message Access Codes.**

Hardware Requirements

An Applications Processor, an MPDM, and a printer must be included in the system.

Attendant Console

The attendant console is a digital call-handling position with pushbutton control used not only to answer incoming calls and place outgoing calls, but also to manage and monitor some of the systems operations.

A system can have as many as six consoles in operation at any time. A daytime console can double as a night console, or a seventh console can be provided. If a seventh console is provided, it must be classified as night-only and cannot operate when the other six operate.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Console Parameters	All	6-54	7-56
Attendant Console	All	6-15	7-37

- Console Parameters Form—Complete all sections as required. This provides the group parameters for all attendant consoles to be assigned in the system.
- Attendant Console Form—Complete all sections as required. This provides the unique parameters for each attendant console in the system. A completed form is required for each console to be assigned.

Hardware Requirements

Requires a port on a TN754 Digital Line circuit pack for each attendant console to be assigned. For reliability, the attendant consoles should not be assigned to ports on the same TN754 circuit pack. For example, if three attendant consoles are to be provided, assign each console to a port on three different TN754s, if possible. However, if required, all attendant consoles may be assigned to ports on the same TN754 circuit pack.

Attendant Control of Trunk Group Access

Allows the attendant to control trunk groups, and prevents voice terminal users from directly accessing a controlled trunk group.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Feature Button Assignments -act-tr-grp -deact-tr-g	6-15	7-37
Trunk Group:	Busy Threshold		
Access		2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148

- **Attendant Console Form—Trunk groups to be controlled must be assigned to each of the first six Attendant Direct Trunk Group Select Button Assignments (fields 1-6) via the Attendant Direct Trunk Group Selection feature. A Control Activate (act-tr-grp) and a Control Deactivate (deact-tr-g) button (one each) must be assigned to one of the 24 programmable feature buttons on the attendant console Feature Button Assignments section.**
- **Trunk Group Forms—Assign busy threshold number for trunk groups assigned to Direct Trunk Group Selection buttons.**

Hardware Requirements

None.

Attendant Direct Extension Selection With Busy Lamp Field

Allows the attendant to place or extend calls to all extension numbers assigned to the system by pressing a Group Select button and a Direct Extension Selection (DXS) button instead of dialing the extension number.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Hundreds Select Button Assignments (1-8)	6-15	7-37

- **Attendant Console Form—Assign up to eight buttons in the "Hundreds Select Button Assignments" section.**

Hardware Requirements

Requires a Selector Console.

Attendant Direct Trunk Group Selection

Allows the attendant direct access to an idle outgoing trunk by pressing the button assigned to the desired trunk group.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	**DTGS Button Assignments (1-12)**	**6-15**	**7-37**

- **Attendant Console Form—Assign up to 12 buttons in the "Direct Trunk Group Buttons (Access Code)" section. If trunk groups are to be controlled via the Attendant Control Of Direct Trunk Group Access feature, they should be assigned the first six DTGS Button Assignments (1-6).**

This feature is closely related to the Attendant Control of Trunk Group Access and Trunk Group Busy/Warning Indicators to Attendant features. Refer to those features for additional information.

Hardware Requirements

None.

Attendant Display

Shows call-related information that helps the attendant to operate the console more efficiently. Also shows personal-service and message information. Information is shown on the alphanumeric display on the attendant console.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	**Display Module Button Assignments (1-8)**	**6-15**	**7-37**

- **Attendant Console Form—Assign up to eight buttons in the "Display Module Button Assignments" section.**

Hardware Requirements

None.

Audio Information Exchange (AUDIX) Interface and Assignments

Provides a communications link between the System 75 and the Audio Information Exchange (AUDIX). AUDIX allows both System 75 users and outside callers to write, edit, send, and forward voice messages to other users. In addition, System 75 users can also receive and store incoming voice messages from others and transfer calls into AUDIX.

This part provides the instructions and supporting figures required to assign a System 75 V3 and XEV3 to a small, medium, or large AUDIX system. The figures provide a reference to the forms used to assign the AUDIX interface link and switch assignments. Some of the figures that show example forms do not show the actual completed form. Some figures only show that part of the form that can be completed to implement AUDIX features. The figures (forms) provide examples only. The actual data assigned on the forms depend upon business requirements and may not be reflected in these examples.

This part also provides the instructions and figures required to implement AUDIX used in a Distributed Communication System (DCS) or a non-DCS configuration.

The System 75 and AUDIX assignments used in a non-DCS configuration is shown in Figures 5-2 and 5-3. The System 75 and AUDIX assignments used in a DCS configuration is shown in Figure 5-4. System 75 and AUDIX used in a DCS configuration is considered as the Host Switch (the switch that has AUDIX connected to it) and the other System 75s are considered Remote Switches. Figure 5-4 shows three switches with Switch 1 having the AUDIX.

The DCS configuration (Figure 5-4) only references the examples of completed forms used to assign the two Hunt Groups on the two remote switches (2 and 3) for AUDIX. The figure also shows the AUDIX data links, Processor and Hop channel assignments, and connections. This part does not provide the forms, figures, and instructions on how to implement DCS tie trunks and data links used with AUDIX. The instructions, figures, and examples on how to implement DCS data links and tie trunks are covered in the DCS section.

The following forms require implementation for AUDIX used in a DCS or non-DCS configuration:

- **AUDIX Interface to Switch—An AUDIX interface from the System 75 is assigned using the following implementation forms:**
  - **— Interface Data Module (assigns a physical interface link number for the AUDIX Link)**
  - **— Interface Links (used to enable the AUDIX Interface Link)**
  - **— Modular Processor Data Module (MPDM) or Modular Trunk Data Module (MTDM)—The MPDM connects to a large AUDIX system and the MTDM connects to a small or medium AUDIX system.**
  - **— Hop Channels (DCS configuration only)—Allows the AUDIX channels to hop from the host switch to a remote switch is a DCS arrangement.**

- **Call Transfer Into AUDIX—A user who is an AUDIX subscriber or a covering user for a principal who is an AUDIX subscriber may transfer a call to AUDIX. This requires use of the Transfer Into AUDIX Feature Access Code or use of an abbreviated dialing button programmed with this access code.**

- **Call Transfer Out of AUDIX—Provides call progress feedback to the calling party in the form of call ringing and voiced messages if the called party is busy. In addition, a called party with a display-equipped terminal is informed of the call type (direct or redirected) and receives associated information about the call.**

  Note: Administration for Call Transfer Out of AUDIX must be performed on the AUDIX machine. AUDIX machine administration is not covered in this manual. Refer to the appropriate AUDIX manual for additional information.

- **Recorded Announcements—Provides a recorded announcement for AUDIX users.**

- **AUDIX in a Distributed Communications System (DCS)—An AUDIX connected to a System 75 (host switch) can support other switches (remote switches) in a DCS network. The remote switch does not have a direct data link connection to AUDIX. It passes its data to the host switch via processor channels. The AUDIX via DCS has separately administered hop channels to each of the remote switches in the network. The host switch then provides the AUDIX connection. All AUDIX features can be activated from a host or remote switch.**

- **AUDIX as an Automatic Call Distribution (ACD) Split—The AUDIX hunt group (must be host AUDIX hunt group when in a DCS) may be administered as an ACD split by setting the ACD field on the hunt group to "y". This allows AUDIX traffic to be measured via the ACD's Call Management System (CMS). AUDIX requests for voice ports are recorded as logins and AUDIX requests to the switch to disable voice ports are recorded as logouts by the CMS. If an ACD with CMS is not currently configured in the system, AUDIX traffic measurements may be taken using the System Measurements feature.**

Note: See the AUDIX feature description in the *AT&T System 75—Feature Description,* 555-200-201, for detailed AUDIX information.

Administration—AUDIX Switch Interface-Used in a Non-DCS or DCS Configuration

To implement the AUDIX interface in a DCS or non-DCS configuration, the following form(s) or sections of the form(s) must be completed. See Figures 5-2 through 5-21.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Interface Data Module	All (for one AUDIX link)	6-139	7-106
Interface Links	All (for one AUDIX link)	6-141	7-110
Processor Channel Assignment	All (for one AUDIX link)	6-163	7-127
Modular Processor Data Module (For a small or medium AUDIX system) (Not used if the PIB jack is being assigned to AUDIX)	All	6-153	7-118
Modular Trunk Data Module (For a large AUDIX system) (Not used if the PIB jack is being assigned to AUDIX)	All	6-153	7-118
Hop Channel Assignments (DCS Configuration—Host Switch Only)	All	6-116	7-90

- **Interface Data Module Form—Complete all fields as required for one physical channel (interface link). This assigns a physical channel on the switch for the AUDIX interface. Four interface physical channels (01 to 04) are available for assignment. If AUDIX is connected to the PIB jack (XEV3), assign physical channel 01 (interface link 1). This number becomes the interface link number on the Interface Links form. The interface link communicates with the AUDIX port on the AUDIX machine. AUDIX ports and translations are not part of the System 75 translations but are shown to give examples on how AUDIX ports are used with the System 75.**

- **Interface Links Form—Complete all fields on the form for one link, as required. This is the physical channel number (01 to 04) assigned on the Interface Data Module form. If AUDIX is connected to the PIB jack, complete all fields for link 1 (physical channel 01).**

- **Processor Channel Assignment Form (non-DCS Configuration)—Complete the required fields on the form for one AUDIX interface link. Enter the AUDIX link number from the Interface Links form. Processor Channel 59 must be used for AUDIX.**

- **Processor Channel Assignment Form (DCS Configuration)—**

  — **Host Switch—Assign the link numbers and associated channels to each remote switch.**

  — **Remote Switch—Enter the interface links number and associated information including the host switch machine ID for the DCS AUDIX connection.**

- **Modular Processor Data Module (MPDM) or Modular Processor Trunk Data Module Form—Complete all fields as required. Complete an MTDM form for a large AUDIX system or an MPDM form for a small or medium AUDIX system. The MPDM or MTDM connects to a TN754 Digital Line circuit pack.**

  Note: Instead of administering an MPDM or MTDM form, the AUDIX data link may be directly connected to the Processor Interface Board (PIB) jack (XEV3 only) on the back of the Control Carrier (if not already assigned). The PIB jack interface utilizes Interface Link 1 which is administered using the Interface Data Module and Interface Links forms.

- **Hop Channel Assignments Form—Complete as required to assign hop channels so the host System 75 switch interface link can have a hop channel to the remote switches.**

Figure 5-4 shows an AUDIX In A DCS Network arrangement consisting of three System 75 switches. Associated Hop Channel and Processor Channel Assignments forms for each switch is provided in addition to related AUDIX translations. The AUDIX translations are not part of the System 75 translations but are presented here for a better understanding of the system. Figure 5-4 does not cover any translations for DCS.

Translation assignments on AUDIX and each switch must be coordinated to insure proper operation. It is recommended that Interface Channel numbers associated with each logical link match AUDIX port numbers on all forms. This helps in coordinating assignments and aids in troubleshooting.

The following guidelines must be observed when making AUDIX assignments on the System 75:

Processor Channel Assignment Form

1. **The entry in the Remote Processor Channel field (on System 75) must agree with associated AUDIX port fields (on AUDIX).**

   For example, as shown on Figure 5-4, the association of each System 75 switch to an AUDIX port is shown on the AUDIX Translations form where Switches 1, 2, and 3 are associated with AUDIX ports 1, 2, and 3, respectively. Also note that the interface to each switches processor is via Switch Port (that is, Processor Channel) 59. As a result of this association, the Remote Processor Channel entries on switches 1, 2, and 3 Processor Channel Assignments forms for Processor Channel 59, as shown, are 1, 2, and 3, respectively.

2. **Machine IDs entered on the form (on System 75) must agree with the AUDIX field entry on the AUDIX Data Link form (on AUDIX—form not shown). Typically, with just one AUDIX, this entry is "1".**

Hop Channel Assignments Form

Interface Link Channel entries (on System 75) used to show the host switch interface to AUDIX must agree with related AUDIX logical channels (on AUDIX).

For example, as shown on Figure 5-4, Interface Link 1, Channel 2 (1 ,2) is shown logically connected to AUDIX logical channel 2. This then becomes part of the first line entry on the Hop Channel Assignments form as shown. A similar situation is shown for Interface Link 1, Channel 3 (1 ,3) which is entered on the second line of the form. The remaining entries on the Hop Channel Assignments form complete the hop connection to Switch #2 and Switch #3. The Interface Link assigned to AUDIX (Interface Link 1 in the example) is a dedicated link and cannot be assigned to another interface such as a link to another DCS switch, Applications Processor, Call Management System, or Property Management System.

Hop Channel Assignments and Processor Channel Assignment Forms

Interface Link Channel assignments (on System 75) between switches must agree,

For example, as shown on Figure 5-4, Interface Channel 2 is shown associated with the logical link from Switch #1 to Switch #3. Channel 2 is then entered on Switch #10's Hop Channel Assignments form and on Switch #9's Processor Channel Assignments form. A similar situation is shown for Interface Channel 3 to Switch #3.

Administration—Switch Assignments

To implement the AUDIX switch assignments in a DCS or non-DCS, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Transfer Into AUDIX	6-89	7-76
Station (2500) (up to 32 forms may be required)	All (for AUDIX voice ports) Extension Type COR Port Name Data Restriction Calls Waiting Indication LWC Reception	6-250	7-163
Hunt Groups (Non-DCS Configuration)	Group Number Group Extension Group Type Group Name Coverage Path COR Message Center ACD Queue Measured By MIS Queue Length First Announcement Ext. First Announcement Delay Group Member Assignments	6-125	7-96

(Continued on next page.)

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Hunt Groups (DCS Configuration when this switch is a Remote Switch)	Group Number Group Extension Group Type Group Name COR Message Center ACD Queue Audix Extension	6-125	7-96
Station (as required)	COS Coverage Path LWC Reception LWC Activation Redirect Notification Message Waiting Indicator Button/Feature Button Assignments -call-fwd -goto-cover -lwc-store -send-calls	6-181 to 6-390	7-151 to 7-186
Class of Service	Call Fwd-All Calls	6-53	7-53
Call Coverage Paths	All	6-43	7-48
Recorded Announcements	All	6-169	7-131

- Feature Access Codes Form—Enter the Transfer Into AUDIX access code.
- Station Form (2500 Voice Terminal)—Complete one 2500 voice terminal form for each AUDIX voice port member of the AUDIX hunt group. Up to 32 voice terminal forms may be completed for the AUDIX voice ports. Assign up to 16 voice terminal forms for a small or medium AUDIX system or assign up to 32 ports for a large AUDIX system.
  - — Assign extension number in Extension field.
  - — Enter 2500 in Type field.
  - — Enter desired Class of Restriction.

— Enter port number on an Analog circuit pack in Port field.

— Enter AUDIX in the name field.

— Enter audix in the LWC Reception field.

— Enter "y" in the Data Restriction field.

— Enter "n" in the Call Waiting Indication field.

- Hunt Groups Form—When this switch is not part of a DCS AUDIX configuration or when this switch is the Host Switch in a DCS AUDIX configuration.

  — Enter a Hunt Group Number 1 through 32.

  — Enter the AUDIX extension number in the Group Extension field.

  — Enter "ucd" in the Group Type field.

  — Enter "audix" in the Group Name field.

  — Enter a Coverage Path number 1 through 400 in the Coverage Path field.

  — Enter a COR number from O through 63 that identifies the COR of hunt group and hunt group members.

  — Enter "audix" in the Message Center field.

  — Enter "y" in the ACD field if AUDIX is an ACD split.

  — Enter "y" in the Queue field.

  — Enter "y" in the Measured By MIS field if hunt group traffic is to be measured by the Call Management System (CMS); otherwise, enter "n".

  — Enter the number of users assigned as hunt group members in the Queue Length field. For example, if the hunt group has four members, then 4 must be entered in the field. These members are used for AUDIX voice retrieval.

  — Enter a recorded announcement extension and associated delay. The associated announcement will be provided to a user after being in a call waiting queue for the specified delay interval. This applies to the First Announcement Ext. and First Announcement Delay fields.

  — Enter AUDIX voice port extension number in Group Member Assignments field.

- **Hunt Groups Form—When this switch is a Remote Switch in a DCS AUDIX configuration:**
  - **Enter a Hunt Group Number 1 through 32.**
  - **Enter the AUDIX extension number in the Group Extension field.**
  - **Enter "ucd" in the Group Type field.**
  - **Enter "rem-audix" in the Group Name field.**
  - **Enter a COR number from 0 through 63 that is same COR of the Host Switch AUDIX hunt group.**
  - **Enter "rem-audix" in the Message Center field.**
  - **Enter "n" in the ACD field.**
  - **Enter "n" in the Queue field.**
  - **Enter a 4- or 5-digit UDP extension number in the AUDIX Extension field on the Host Switch Hunt Group. This extension number identifies the AUDIX extension number on the Host Switch that will be used as a Message Center for this Hunt Group.**
- **Station Forms—**
  - **— Assign correct COS number so voice terminal can activate Call Forwarding All Calls feature.**
  - **— Assign a Coverage Path number that has the AUDIX hunt group in a coverage point.**
  - **— Enter "audix" in the LWC Reception field.**
  - **— Enter "y" in the LWC Activation field.**
  - **— Enter "y" in the Redirection Notification field.**
  - **— Enter "y" in the Message Waiting Indication field.**
  - **— Button Assignments—Assign a call forwarding (call-fwd), go to cover (goto--cover), leave word calling store (lwc-store), and a send all calls (send-calls).**
- **Class of Service Form—Verify Call Forwarding All Calls feature is activated.**
- **Call Coverage Paths Form—Assign a coverage path that includes the AUDIX hunt group extension number in a coverage point. It is recommended that the AUDIX hunt group extension number be assigned in coverage Point:3; however, this is not a requirement..**

- **Recorded Announcements Form—Complete fields for one recorded announcement.**

Hardware Requirements

The AUDIX interface to the System 75 requires one port on a TN754 Digital Line circuit pack and a Modular Processor Data Module (MPDM) or a Modular Trunk Data Module (MTDM). The AUDIX data link can also be connected directly to the System 75 via the PIB jack on back of the Control Cabinet (XEV3 only). Up to 16 ports on a TN742, TN746, or TN769 Analog Line circuit pack are required for small and medium AUDIX systems or up to 32 ports for a large AUDIX system. Any combination of these analog packs can be used.

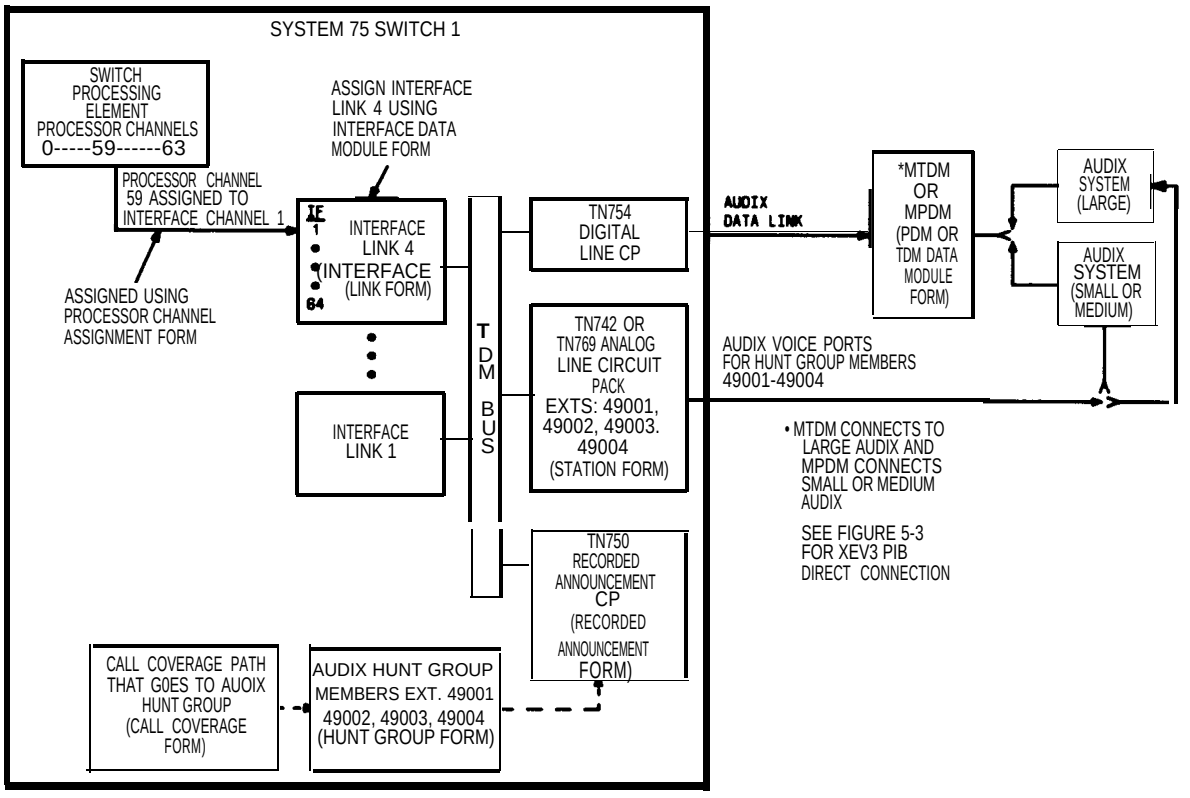


Figure 5-2. System 75 V3 AUDIX Connections and Assignments

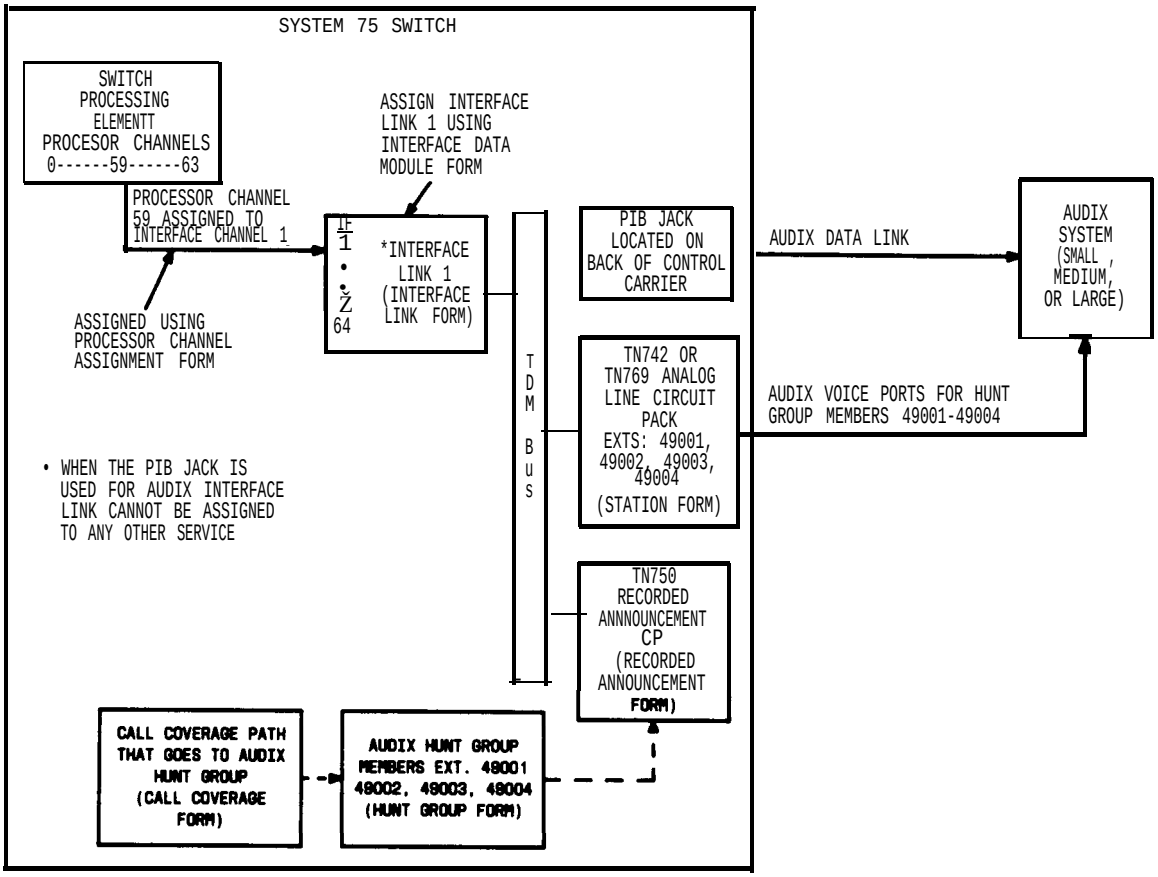
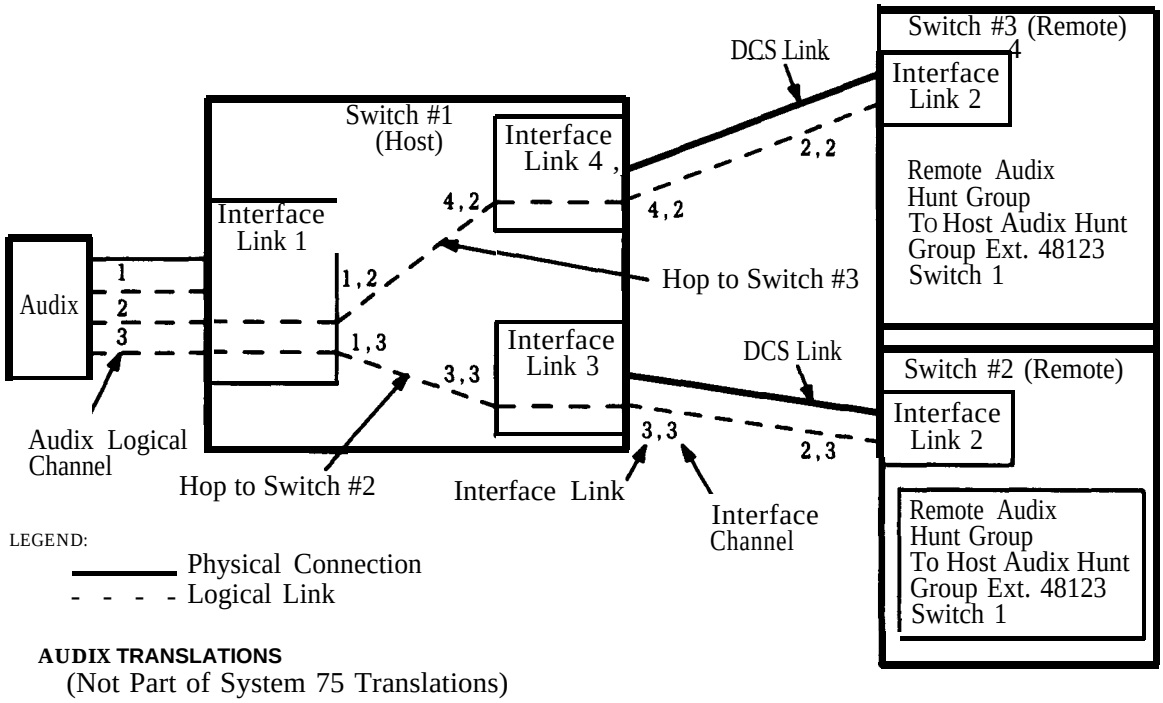


Figure 5-3. System 75 XEV3 AUDIX Connections and Assignments Located on Back of Control Carrier



AUDIX TRANSLATIONS

(Not Part of System 75 Translations)

Switch #	Audix Port	Switch port	Logical Channel	Data Link
2	3	59	3	1
3	2	59	2	1
1	1	59	1	1

SWITCH #I TRANSLATIONS

Processor Channel Assignments Form

Proc Chan	Interface Link	Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
59:	1	1	h	1	audix	1

Hop Channel Assignments Form

Link/Chan	Link/Chan	Priority	
1 2	4 2	h	(Must Agree With Far-End Switch's Interface Channel Number)
1 3	4 3	h	(Hop to Switch #3)
			(Hop To Switch #2)
			(Must Agree With Associated Audix Logical Channel Numbers)

SWITCH #3 TRANSLATIONS

Processor Channel Assignments Form

Proc Chan	Interface Link	Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
59:	2	2	h	2	audix	1

SWITCH #2 TRANSLATIONS

Processor Channel Assignments Form

Proc Chan	Interface Link	Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
59:	2	3	h	3	audix	1

Figure 5-4. AUDIX Used in a Distributed Communications System

```
                                                     Page 1 of 1
                              DATA  MODULE

   Data Extension: 48000               Type: interface Physical Channel: 04

             Name: AUDIX            COS: 1                  COR: 1

ABBREVIATED DIALING

  Listl:
```

Form Used When PIB Jack Is Not Used—V3

```
                                                     Page 1 of 1
                              DATA  MODULE

   Data Extension: 48000               Type: interface Physical Channel: 01

             Name: AUDIX            COS: 1                  COR: 1

ABBREVIATED DIALING
```

Form Used When PIB Jack Is Used—XEV3

Figure 5-5. Example of Interface Data Module Forms Used to Assign AUDIX Interface Links

Page 1 of 1

INTERFACE LINKS

Link	Enabled	Establish Connect ion	Interface Extension	Destination Number	DTE/DCE	Identification
1:	_	_				
2:	_	_				
3:	_	_				
4:	y	y	48000	49005	DTE	AUDIX LINK

Figure 5-6. Example of Interface Links Form Used To Assign and Enable Interface Link 4 for a Small or Medium AUDIX—Used With MPDM (Data Module) Ext. 49005

Page 1 of 1

INTERFACE LINKS

Link	Enabled	Establish Connect ion	Interface Extension	Destination Number	DTE/DCE	Identification
1:	_	_				
2:	_	_				
3:	_	_				
4:	y	y	48000	49006	DTE	AUDIX LINK

Figure 5-7. Example of Interface Links Form Used To Assign and Enable Interface Link 4 for a Large AUDIX—Used With MTDM (Data Module) Ext. 49006

Page 1 of 1

INTERFACE LINKS

Link	Enabled	Establish Connection	Interface Extension	Destination Number	DTE/DCE	Identification
1:	y	y	48000	eia	DTE	AUDIX LINK
2:						
3:						
4:						

Figure 5-8. Example of interface Links Form Used To Assign and Enable Interface Link 1 for AUDlX(XEV3 Only)—Used When Audix ls Connected to the PIB Jack on the Control Carrier

Page 1 of 1

DATA MODULE

Data Extension: 49005 Type: pdm Port : C0508

Name: AUDIX-PDM COS: 1 COR: 1

Connected to: dte Remote Loop-Around Test: n

ABBREVIATED DIALING

Listl:

Figure 5-9. Example of Data Module Form Used To Assign a Modular Processor Data Module To a Small or Medium AUDIX

```
                                                   Page 1 of 1

                          DATA MODULE

   Data Extension: 49006           Type: tdm              Port : C0509

             Name: AUDIX-TDM       COS: 1                 COR: 1

                                   Remote Loop Around Test: n

ABBREVIATED DIALING

  Listl: ____________
```

Figure 5-10. Example of Data Module Form Used To Assign a Modular Trunk Data Module To a Large AUDIX

```
                                                   Page 4 of 4

                    PROCESSOR CHANNEL ASSIGNMENT

Proc    Interface                  Remote                      MACHINE
Chan   Link  Chan    Priority    Proc  Chan      Appl.           ID

56:     _     _         _          _          _________          _
57:     _     _         _          _          _________          _
58:     _     _         _          _          _________          _
59:     4     1         h          1          audix              1
60:     _     _         _          _          _________          _
61:     _     _         _          _          _________          _
```

Figure 5-11. Example of Processor Channel Assignment Form Used To Assign Processor Channel 59 To AUDIX Using Link 4 (V3)

```
                                                          Page 1 of 1

                                    STATION

Extension: 49001

     Type: 2500          Lock Messages: n       COR: 1    Room:

     Port: D1501         Security Code:         COS: 1    Jack :

     Name: AUDIX Coverage Path: _      Tests? n  Cable:

FEATURE OPTIONS

  LWC Reception? audix                          Data Restriction? y

                                               Call Waiting Indication? n
```

Figure 5-12. Example of 2500-Type Voice Terminal Form Assigned to AUDIX Voice Port

```
                                                          Page 1 of 1

                                    STATION

Extension: 49002

     Type: 2500          Lock Messages: n       COR: 1    Room:

     Port: D1502         Security Code:         Cos: 1    Jack:

     Name: AUDIX Coverage Path: _      Tests? n Cable:

FEATURE OPTIONS

  LWC Reception? audix                          Data Restriction? y

                                               Call Waiting Indication? n
```

Figure 5-13. Example of 2500-Type Voice Terminal Form Assigned to AUDIX Voice Port

```
                                                          Page 1 of 1

                                    STATION

Extension: 49003

     Type: 2500          Lock Messages: n       COR: 1    Room:

     Port: D1503         Security Code:____     COS: 1    Jack:

     Name: AUDIX Coverage Path: _     Tests? n Cable:

FEATURE OPTIONS

  LWC Reception? audix                            Data Restriction? y

                                                 Call Waiting Indication? n
```

Figure 5-14. Example of 2500-Type Voice Terminal Form Assigned to AUDIX Voice Port

```
                                                          Page 1 of 1

                                    STATION

Extension: 49004

     Type: 2500          Lock Messages: n       COR: 1    Room:

     Port : D1504        Security Code:         Cos: 1    Jack:

     Name: AUDIX Coverage Path: _     Tests? n  Cable:

FEATURE OPTIONS

  LWC Reception? audix                            Data Restriction? y

                                                 Call Waiting Indication? n
```

Figure 5-15. Example of 2500-Type Voice Terminal Form Assigned to AUDIX Voice Port

```
                                                          Page 1 of 5

                                  HUNT GROUP

  Group Number: 4                 Group Extension: 48123    Group Type: ucd

    Group Name: audix             Coverage Path: _____          COR: 1

 Security Code: _____             Message Center: audix    ACD? y

         Queue? y       Night Service Destination: _____

              Measured By MIS? y              Supervisor Extension: ____

        Priority On Intraflow? n            Inflow Threshold (sec): _

                 Queue Length: 4

      Calls Warning Threshold: _               Calls Warning Port: _____

       Time Warning Threshold: _                Time Warning Port: _____

              First Ann. Ext.: 48999 First Announcement Delay (sec): 2

Second Announcement Extension: _____ Second Announcement Delay (sec): _

Second Announcement Recurring: n
```

Note: The Queue Length Field contains the number of AUDIX voice ports.

```
                                                          Page 2 of 5

                            HUNT GROUP

Group Number: 4             Group Extension: 48123          Group Type: ucd

Group Member Assignments

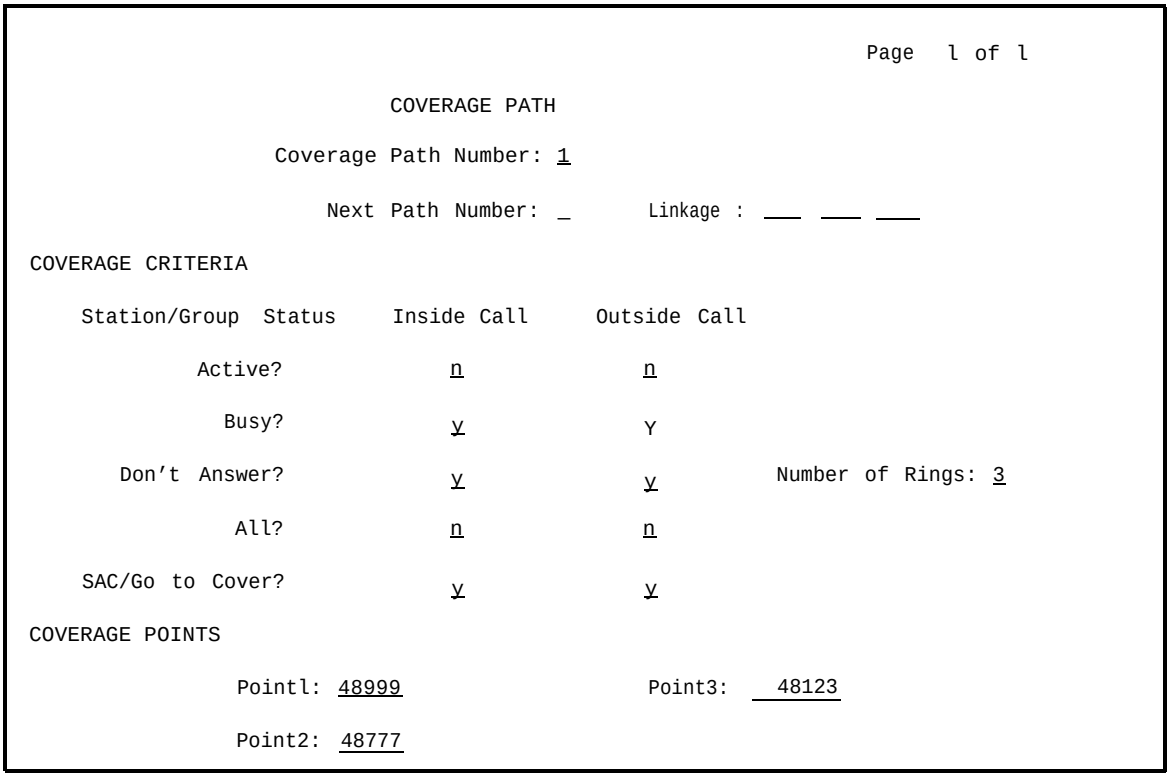
          Ext      Name                          Ext      Name
      1: 49001 Audix-M Port 1

      2: 49002 Audix-M Port 2

      3: 49003 Audix-M Port 3

      4: 49004 Audix-M Port 4
```

Figure 5-16. Example of Hunt Group Form Used To Assign AUDIX Hunt Group and Associated Voice Ports



```
                                                          Page   l of l

                          COVERAGE PATH

                  Coverage Path Number: 1

                      Next Path Number: _      Linkage : ___ ___ ___

COVERAGE CRITERIA

    Station/Group  Status     Inside Call     Outside Call

              Active?             n               n

                Busy?             y               Y

       Don't  Answer?             y               y          Number of Rings: 3

                 All?             n               n

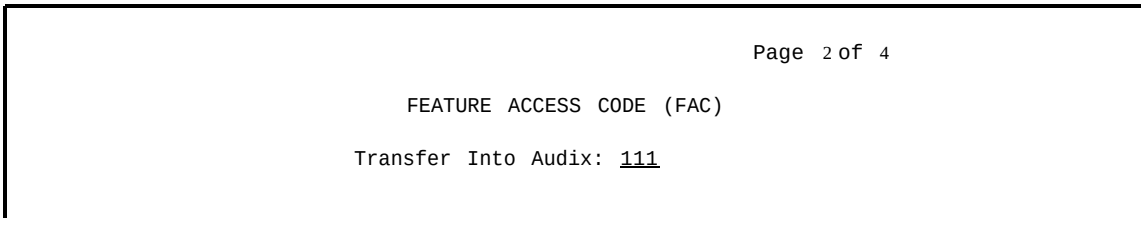
    SAC/Go to Cover?             y               y

COVERAGE POINTS

                 Pointl: 48999                    Point3:   48123

                 Point2: 48777
```

Figure 5-17. Example of Call Coverage Path Form Used To Assign AUDIX Hunt Group Extension Number 48123 To Coverage Point 3



```
                                                  Page 2 of 4

                        FEATURE ACCESS CODE (FAC)

                    Transfer Into Audix: 111
```

Figure 5-18. Example of Feature Access Code Form Used To Assign Access Code 111 To Transfer Into AUDIX Feature

```
                                                          Page 1 of 4

                          ANNOUNCEMENTS

    Ext .   Type         COR  Name              Queue
1:
2: 48999  integrated      1   AUDIX ANN          n          Protect? y Board: C02
3:
4:
```

Figure 5-19. Recorded Announcement Form Used To Assign an AUDIX Announcement on the TN750 Announcement Circuit Pack

```
                                                          Page 1 of 5

                                HUNT GROUP

 Group Number: 2                Group Extension: 62111    Group Type: ucd

   Group Name: rem-audix hu gp      Coverage Path: _              COR: 1

Security Code: _____              Message Center: rem-audix    ACD? n

        Queue? n       Night Service Destination: _____

                                  Audix Extension: 48123
```

Figure 5-20. System 75 Remote Switch 2 AUDIX Hunt Group Assignments

```
                                                          Page

                                HUNT GROUP

 Group Number: 2                Group Extension: 44111    Group Type: ucd

   Group Name: rem-audix hu gp      Coverage Path: _              COR: 1

Security Code: _____              Message Center: rem-audix    ACD? n

        Queue? n       Night Service Destination: _____

                                  Audix Extension: 48123
```

Figure 5-21. System 75 Remote Switch 3 AUDIX Hunt Group Assignments

Authorization Codes

Provides the means for extending control of system users' calling privileges.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Authorization Codes	AC, COR, Number of Authorization Codes	6-30	7-40
Feature Related System Parameters	Authorization Code Enabled Authorization Code Length Authorization Code Cancellation Symbol Attendant Time Out Flag	6-105	7-81
Station	COR	6-181 to 6-390	7-151 to 7-186
Class of Restriction	FRL	6-50	7-52
Routing Patterns	Trunk Group Number FRL	2-24	7-139
Remote Access	Authorization Code Remote Access Dial Tone	6-174	7-137
Trunk Groups:	Auth Code		
Access		2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
FX		2-70	7-87
WATS		2-101	7-148
Tie		2-93	7-145

- **Authorization Codes Form—Assign 4- to 7-digit authorization codes (with CORs for 0-63).**
  - **— Number of Codes Administered field—Display-only field. Contains sum of total codes administered.**
  - **— In the AC field, enter the 4- to 7-digit authorization code the user must dial. The number of digits entered must agree with the number assigned to the Authorization Code Length field on the Feature Related System Parameters form.**

— In the Class of Restriction field, enter the desired COR number from 0 through 63. This is the replacement COR to be used to modify the user's calling privileges and is effective after the corresponding authorization code has been dialed.

- Feature Related System Parameters Form—Verify "y" (yes) is entered in the Authorization Code Enabled field so that Authorization Codes can be assigned on a systemwide basis.

  — In the Authorization Code Length field, enter a number from 4 to 7 that defines the number of digits (length) in the authorization code. This is the number of digits that must be assigned to the authorization code (AC) field on the Authorization Codes form.

  — In the Authorization Code Cancellation Symbol field, enter the type of symbol the caller must enter to cancel the 10-second delay before entering the authorization code.

  — In the Attendant Time Out Flag field, define if the caller will be routed to the attendant if the caller does not dial an authorization code within 10 seconds or dials an invalid authorization code.

- Station Forms—Assign CORs arbitrarily so a separate COR exists for users with different restrictions. If CORs are already established, they must be taken into account when adding/assigning new CORs.

- Class of Restriction Form—in FRL field, assign originating Facility Restriction Levels for restricted and unrestricted users. The originating FRL can be a value of 0 through 7 where 0 is the most restrictive.

- Routing Patterns Form—

  — In the Group Number field, enter the desired trunk group number 1 through 99.

  — In the FRL field, assign route FRLs for each trunk group in the Route Pattern. A route FRL of 7 is the most restrictive and a route FRL of 0 is the least restrictive. (Note that trunk groups must have been assigned previously on the Trunk Group form.) The first choice trunk group has the lowest FRL, the second choice trunk group (if there is one) has the next lowest FRL, etc. The assigned FRL will be used for this pattern only. Trunk group FRLs are changeable from pattern to pattern. The FRL assigned to the trunk group when the COR is defined is not used on ARS calls.

    The route patterns in use on the network and the associated trunk group FRLs must be a consideration when implementing authorization codes.

- Remote Access

  — In the Authorization Code Required field, enter "y" if an Authorization Code must be dialed to access the System 75 features remotely; otherwise, enter "n."

— In the Remote Access Dial Tone field, enter "y" if the user will receive a recall dial tone before dialing the authorization code. If Barrier Codes are assigned, the recall dial tone is heard after the Barrier Code has been dialed.

- Trunk Group Forms—In the Authorization Code field, enter a "y" if an Authorization Codes must be dialed to access the trunks in a trunk group; otherwise, enter "n."

The following three examples tell how to assign Authorization Codes.

Example 1.

Establish a group of users who must dial an authorization code in order to make outside calls. The client has ARS and the Authorization Codes feature. The forms and fields are administered as follows:

1. Feature Related System Parameters Form

- Authorization Codes Enabled	Y
- Authorization Code Length	7
- Authorization Code Cancellation Symbol	1
- Attendant Timeout Flag	n

2. Station Form

Assign COR = 1 for all unrestricted users and COR = 49 for restricted users who must dial an authorization code to make outside calls.

3. Authorization-Codes Form

Assign the restricted users a replacement COR = 1 and an authorization code the same as their 7-digit phone number.

4. COR Form

Assign/change originating FRLS for restricted and unrestricted users. Assign an originating FRL of 7 to users with a COR of 1 and an originating FRL of 0 (zero) to users with a COR of 49.

5. AAR/ARS Route Pattern Form

For route pattern 1, assign trunk group 40 (CO) as the first choice route with a route FRL = 1, NPA = 201, and Prefix Mark = 1 (that is, dialing "1" is required here to indicate a toll call). Assign first, second, and third choice routes as follows:

Grp No	FRL	NPA	Prefix Mark	Toll List	No. Del Digits	Inserted Digits
40	1	201	1			
2	3	201	1			
32	3	201	1			9

For this example, trunk group 40 is a CO trunk, trunk group 2 is WATS, and trunk group 32 is a tie trunk to the System 85.

When a caller dials the ARS access code to call out, the FRL of the originating facility is compared with the FRL of the available outgoing facility. If the FRL of the originating facility is less than the FRL of the trunk group, the restricted user will be prompted (via recall dial tone) to enter an authorization code. After the authorization code is entered, the call is routed to the CO for completion. If the FRL is insufficient to seize any trunk group in the route pattern, the user gets intercept tone.

Restricted callers will be prompted for and be required to enter an authorization code (as previously described). Unrestricted users will simply dial the ARS code followed by the desired number.

Refer to *AT&T System 75 Feature Description,* 555-200-201, for additional information on the use of AAR/ARS FRLs for control of call routing.

Example 2.

Set up remote access to the switch such that the remote user must enter a barrier code and an authorization code to access the System 75 features from home.

- **Remote Access Form**

- Remote Access Extension	7XXXX
- Barrier Code Length	4
- Authorization Code Required	y
- Remote Access Dial Tone	y
- Barrier Code	4444
- COR	1
- COS	1

- **Remote Access using the DID Feature**

  To use remote access through the DID feature, dial the 7- to 10-digit Remote Access number (957-XXXX) followed by the barrier code (4444). After you hear recall dial tone, enter the authorization code, for example, the 7-digit station extension number (957-ZZZZ), followed by the desired number, or dial the ARS access code (9) and the 7- or 10-digit number you are calling. The call will be routed through to completion.

- **Remote Access using a dedicated CO, FX, or WATS Trunk**

  To implement the remote access feature via a dedicated CO, FX, or WATS trunk, the Remote Access form is administered as above. In addition, the Incoming Destination field is assigned the Remote Access Extension number on the Trunk Group form.

When the caller dials the Listed Directory Number associated with the trunk group dedicated to Remote Access, the trunk group routes the call to the Remote Access Extension. The caller will hear a data tone followed by dial tone. The barrier code is then entered and, in this example, since Remote Access Dial Tone is set to "1", the caller will be prompted (via recall dial tone) to enter an authorization code. After the authorization code is entered, the caller will hear system dial tone. At this point, the desired number can be dialed and routed to completion.

Example 3.

On a system that does not use AAR or ARS for call routing, implement the Authorization Codes feature to allow a caller to override the originating COR assigned to a specific CO trunk group. On the trunk group form, enter "y" in the Authorization Code field if an authorization code must be dialed to access the trunks in the specified trunk group. This is in addition to administering the parameters on the System Parameters Features form, the Station form, the Authorization Codes form, and the COR form as specified in Example 1.

Hardware Requirements

None.

Automatic Alternate Routing

Provides alternate routing choices for private on-network calls. Also provides digit modification to allow on-network calls to route through the public network when on-network routes are not available.

Administration

Optional Private Network Access (PNA) software is required to activate this feature. To implement this feature, the following form(s) or sections of the form(s) must be completed,

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Dial Plan	All	2-15, 6-73	7-62
Class of Restriction	FRL	6-50	7-52
Feature Access Codes	AAR Access Code	6-89	7-76
Routing Patterns	All	2-24	7-139
RNX Translation Table	All	2-23	7-138
Feature Related System Parameters	AAR/ARS Dial Tone Required	6-105	7-81

- **Dial Plan Form—Complete all fields.**
- **Class of Restriction Form—Assign Facility Restriction Levels (FRLs) for station CORs. The minimum FRLs required to access a route are assigned as part of the Routing Pattern. Assignment of these values determines the calling privileges of each individual user of the Electronic Tandem Network (ETN).**
- **Feature Access Codes Form—Assign "AAR Access Code. "**
- **Routing Patterns Form—Complete all sections as required. In addition to normal trunking data, this form provides subnetwork trunking information which extends a call through a chain of subtending switches (see Subnet Trunking).**
- **RNX Translation Table Form—Complete all sections as required.**

Ž **Feature Related System Parameters Form—Enter "y" in the AAR/ARS Dial Tone Required field.**

Guidelines and Examples

The examples given here are designed to help in the understanding of AAR and to illustrate some of the practical aspects of AAR. These are, however, only examples. In reality, each system must be administered to meet its individual needs.

Completing the Class of Restriction Form

Make assignments as required for the following field:

- **FRL—Assign a Facility Restriction Level (0 through 7) for each voice terminal user activating AAR. An FRL of 0 (zero) is the most restrictive and an FRL of 7 is the least restrictive. The FRL of the calling facility is compared against the FRL of the AAR pattern choices to select an allowed route.**

Completing the Feature Access Codes Form

Make assignments as required for the following field:

- **Auto Alternate Routing (AAR) Access Code—Assign an access code to AAR. The usual entry is "8."**

Completing the Routing Pattern Form

Make assignments as required for the following fields:

- **Pattern Number—Enter a Pattern Number 1 through 254.**
- **Grp No.—Enter the desired trunk group number 1 through 99.**
- **FRL—Enter the Facility Restriction Level 0 through 7 ("0" being the least restrictive and "7" being the most restrictive) for this trunk group as it will be used by this pattern only. Trunk group FRLs are changeable from pattern to pattern. The FRL assigned to the trunk group when the Class of Restriction (COR) is defined is not used on AAR calls. The NPA, Prefix Mark, and Toll Table fields listed below are used by ARS and not AAR.**
- **NPA—Enter the NPA of the distant end.**
- **Prefix Mark—Enter a number 0 through 3 as indicated. This determines the outpulsing of the Prefix digit 1.**
  - **— *0*— indicates that the Prefix digit 1 is never outpulsed.**
  - **— *1*— indicates that the Prefix digit 1 is outpulsed if and *only if* the call is a 10-digit call. Prefix Mark 1 should be selected for those HNPAs that require users to dial "1" to indicate a toll call.**

— *2*— indicates that the Prefix digit 1 is outpulsed for *all* toll calls, 7- and 10-digit, whether the user dials it or not.

— *3*— indicates that the Prefix digit 1 is outpulsed for *all* toll calls. Toll calls are always outpulsed as 10-digit numbers, even those within the HNPA.

Note: Prefix Marks 2 and 3 must refer to a Toll Table (see next entry).

- Toll List—Enter a number, 1 through 32, that references the ARS Toll Table assigned to this trunk group. This field must be completed if the Prefix Mark is 2 or 3.
- No. Del. Digits—Enter the total number of digits (0 through 11) to be deleted from the dialed number when this trunk group is selected for use within this pattern.
- Inserted Digits—Enter the actual digits to be inserted, 0 through 36. The digits may be divided into groups separated by a wait (˜w) for dial tone separator. “Wait” takes two digit places.

Completing the RNX Translation Table

For each of the 640 RNXs available, enter “h” or “H” for a Home RNX or a pattern number (1 through 254). More than one “h” and/or “H” may be assigned.

The default value for all 640 RNX codes is 254 (Routing Pattern 254). The pattern used most often in RNX Translation should be assigned to this pattern number to minimize the number of changes required to complete this form.

Hardware Requirements

None.

Automatic Call Distribution

Provides automatic connection of incoming calls to specific splits (hunt groups). Calls to a specific split are automatically distributed among the agents (hunt group members) assigned to that split. Automatic Call Distribution (ACD) data, transmitted from the switch to the Call Management System (CMS), is used to generate various reports on the status of ACD agents, splits, and trunks.

ACD is implemented using the features or functions listed below. These features can be used singularly or in combination with each other. The features are listed alphabetically below and the associated page number where they can be located in this section is given.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Trunkk Groups:	Incoming Destination		
CO		2-45	7-49
FX		2-70	7-87
WATS		2-101	7-148
Attendant Console	Headset, Auto Answer	6-15	7-37
Station	Headset, Auto Answer	6-181 to 6-390	7-151 to 7-186
Hunt Groups	ACD	6-125	7-96

- **Trunk Group Form—Enter y in the Incoming Destination—Abandoned field.**
- **Attendant Console Form—Enter y in the Headset, Auto Answer fields.**
- **Station Forms—Enter y in the Headset, Auto Answer fields.**
- **Hunt Groups Form—Complete fields that apply when ACD field is set to yes.**

Hardware and Software Requirements

Each auxiliary queue warning level lamp requires one port on a TN742, TN746, or TN769 Analog Line circuit pack. A 21C-49 indicator lamp may be used as a queue warning level lamp. This lamp is approximately 2 inches in diameter and has a clear beehive lens. The lamp operates on ringing voltage and can be mounted at a location convenient to the split.

Each delay announcement requires one port on a TN750 Integrated Announcement circuit pack or announcement equipment and one port on a TN742, TN746, or TN769 Analog Line circuit pack. The four analog announcements should be assigned on the TN742 ports since the TN742 can only ring four ports at a time. If music is to be heard after the first delay announcement, a music source and a port on a TN763 Auxiliary Trunk circuit pack is required. Music sources are not provided by the system.

ACD software is required. If a CMS is to be used, CMS software is required.

A typical ACD arrangement is shown in Figure 5-22.

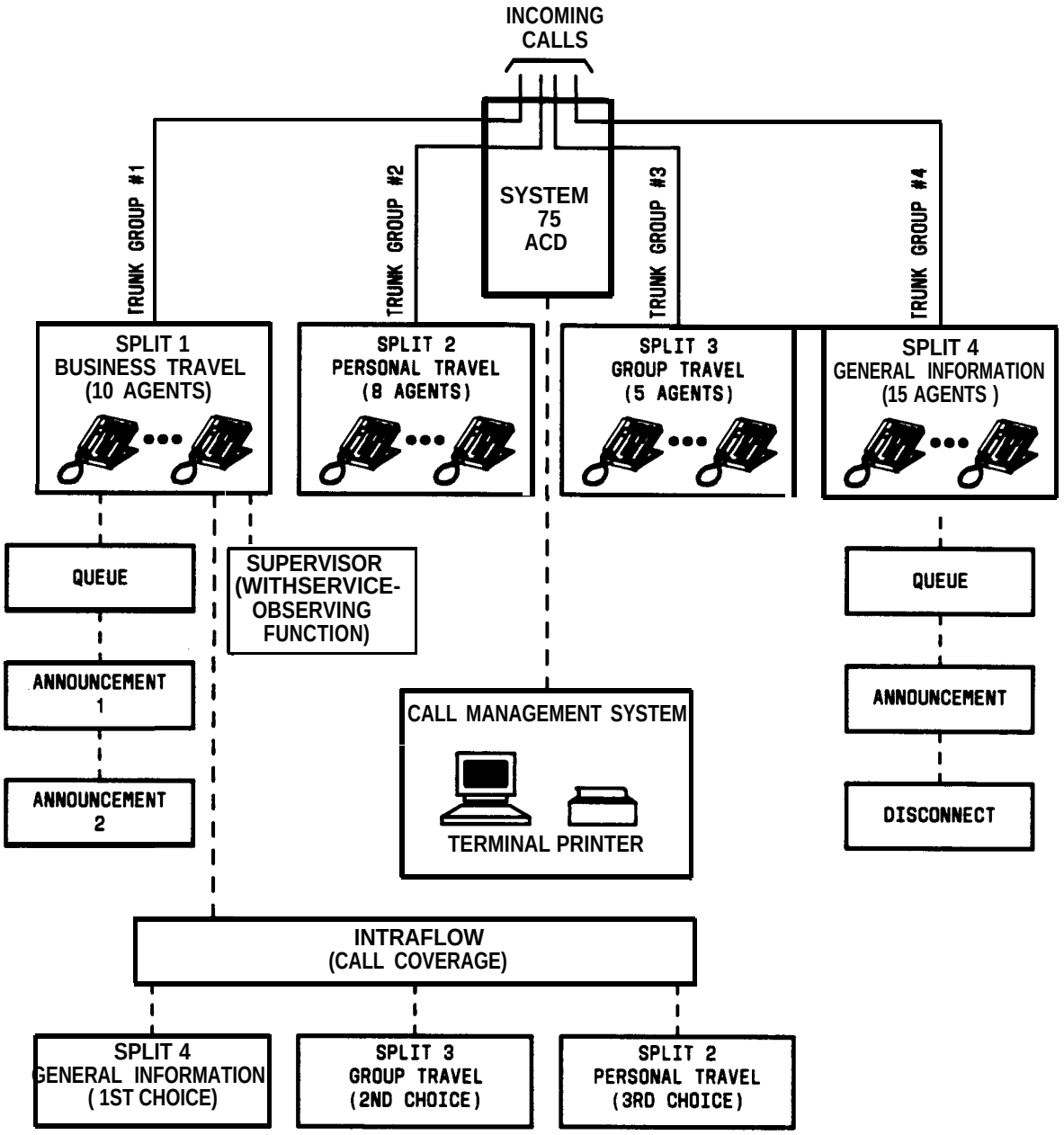


Figure 5-22. Typical ACD Arrangement

Automatic Callback

Allows internal users who placed a call to a busy or unanswered internal voice terminal to be called back automatically when the called voice terminal becomes available.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	Automatic Callback—No Answer Timeout Interval (rings)	6-105	7-81
Feature Access Codes	Automatic Callback Activation/Deactivation	6-89	7-76
Station	Button/Feature Button Assignments -auto-cback	6-181 to 6-390	7-151 to 7-186
Class of Service	Auto Callback (0-15)	6-53	7-53

- **Feature Related System Parameters Form—Specify callback time-out interval in the "Automatic Callback—No Answer Timeout Interval (rings)" section.**
- **Feature Access Codes Form—Verify "Automatic Callback Activation and Deactivation" sections have been assigned.**
- **Station Forms—Assign Automatic Callback (auto-cback) buttons to multi-appearance voice terminals, as desired.**
- **Class of Service Form—Verify "Automatic Callback" section has the correct permission.**

Hardware Requirements

A TN725 Speech Synthesizer circuit pack is required if the referral is not a display-equipped voice terminal.

Automatic Circuit Assurance

Assists users in identifying possible trunk malfunctions. The system maintains a record of the performance of individual trunks relative to short and long holding time calls. The system automatically initiates a referral call to an attendant or display-equipped voice terminal user when a possible failure is detected.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	-ACA Enabled -ACA Referral Calls -ACA Remote PBX Identification -ACA Short Holding Time Originating Extension -ACA Long Holding Time Originating Extension -ACA Referral Destination	6-105	7-81
Attendant Console	Feature/Button Assignment -aca-call	6-15	7-37
Trunk Groups:	-ACA Assignment		
Access	-Short Holding Threshold	2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148
Station	Feature/Button Assignment -aca-call	6-181 to 6-390	7-151 to 7-186

- **Feature Related System Parameters Form—Verify "ACA Enabled?" is assigned and the following fields are completed:**
  - **— ACA Referral Calls**

— ACA Remote PBX Identification, when ACA referral is specified as "remote."

— ACA Short Holding Time Originating Extension

— ACA Long Holding Time Originating Extension

— ACA Referral Destination

- Attendant Console Form—Assign aca-call button.

  Note: Only one aca-call button can be assigned to the system. The button can be assigned to the attendant console or a voice terminal.

- Trunk Group Forms—Verify "ACA Assignment" is completed and the "Short Holding Time," "Long Holding Time, " and "Short Holding Time Threshold" sections are completed.

- Station Forms—Assign aca-call-button if one was not assigned to the attendant console.

Hardware Requirements

A TN725 Speech Synthesizer circuit pack is required if the referral is not a display-equipped voice terminal.

Automatic Route Selection

Routes calls over the public network based on the preferred (normally the least expensive) route available at the time the call is placed.

Administration

Optional Automatic Route Selection (ARS) software is required to activate this feature.

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	FRL	6-50	7-52
Dial Plan	- Area Code - ARS Prefix 1 Required	2-15, 6-73	7-62
Feature Access Codes	Auto Route Selection (ARS) Access Code	6-89	7-76
Routing Patterns	All	2-24	7-139
ARS Home Numbering Plan Area (HNPA)	All	2-14	7-43
ARS Foreign Numbering Plan Area (FNPA)	All	2-13	7-41
ARS Remote Home Numbering Plan Area (RHNPA)	All	2-9	7-44
ARS Toll Table	All	2-11	7-45
Feature Related System Parameters	AAR/ARS Dial Tone Required	6-105	7-81

- **Class of Restriction Form—Assign FRL field.**
- **Dial Plan Form—Enter the HNPA (Area Code) and complete the "ARS Prefix 1 Required" field.**
- **Feature Access Codes Form—Verify or assign an ARS access code.**
- **Routing Patterns Form—Complete all sections as required.**
- **ARS Home Numbering Plan Area (HNPA) Form—Complete all sections as required.**
- **ARS Foreign Numbering Plan Area (FNPA) Form—Complete all sections as required.**

- ARS Remote Home Numbering Plan Area (RHNPA) Form—Complete all sections as required.
- ARS Toll Table Form—Complete all sections as required.
- Feature Related System Parameters Form—Complete AAR/ARS Dial Tone Required field.

Guidelines and Examples

The examples given here are designed to help understand ARS and to illustrate some of the practical aspects of ARS. These are, however, only examples. In reality, each system must be administered to meet its individual needs.

Completing the Dial Plan Record

Make assignments as required for the following fields:

- Area Code—Enter the Home Numbering Plan Area of the PBX.
- ARS Prefix 1 Required—Enter "y" if the user is required to dial 1 to indicate a 10-digit toll call. This is required when the PBX is located within an area code that contains a central office code resembling an area code. These are the following:
  - — 201 in New Jersey
  - — 212 in New York
  - — 213 in Los Angeles
  - — 312 in Chicago
  - — 706 in Northwest Mexico
  - — 905 in Mexico City

  The following paragraphs show how dialed numbers are interpreted by the system if y is assigned to "ARS Prefix 1 Required. " The number 9 represents the ARS Access Code.

  1. *9+1+(212)-201-1234* infers a 10-digit toll call.
  2. *9+(212)-201-1234* infers that 212 is a Central Office Code. The system accepts only the first seven digits following the ARS Access Code. The number 212-2011 is sent to the Central Office.
  3. *9+201-1234* infers a 7-digit call within the HNPA.

4. *9+1+201-1234* infers the first seven digits of a 10-digit toll call and waits for the remaining three digits. The number being outpulsed is (201)-123-4xxx.

   If the number being dialed is a toil call within the HNPA and the Central Office Code resembles an area code as in the example above, then the HNPA must also be included in the number dialed (refer to example number 1).

5. *9+922-1234* or *9+1+922-1234* infers a 7-digit call (or toll call) within the HNPA. This example differs from example number 4 in that the Central Office Code (922) does not resemble an area code.

- FIRST DIGIT TABLE—Assign "fac" as the Identification for the Digit 9.

Completing the Feature Access Codes Form

Make assignments as required for the following fields:

Ž Auto Route Selection (ARS) Access Code—Assign an access code to ARS. The usual entry is "9."

Completing the ARS Routing Patterns Form

Make assignments as required for the following fields:

- Pattern Number—Enter a Pattern Number 1 through 254.
- Grp No.— Enter the desired trunk group number 1 through 99.
- FRL—Enter the Facility Restriction Level 0 through 7 ("0" being the least restrictive and "7" being the most restrictive) for this trunk group as it will be used by this pattern only. Trunk group FRLs are changeable from pattern to pattern. The FRL assigned to the trunk group when the Class of Restriction (COR) is defined is not used on ARS calls.
- NPA—Enter the NPA of the distant end. For WATS trunk, the term NPA is the same as the home NPA. For Tie trunks, the NPA field is left blank.
- Prefix Mark—Enter a number 0 through 3 as indicated. This determines the outpulsing of the Prefix digit 1.

  — *0*— indicates that the Prefix digit 1 is never outpulsed.

  — *l*— indicates that the Prefix digit 1 is outpulsed if and *on/y if* the call is a 10-digit call. Prefix Mark 1 should be selected for those HNPAs that require users to dial "1" to indicate a toll call.

  — *2*— indicates that the Prefix digit 1 is outpulsed for *all* toll calls, 7- and 10-digit.

— *3*— indicates that the Prefix digit 1 is outpulsed for all toll calls. These calls are always outpulsed as 10-digit numbers, even those within the HNPA.

Note: Prefix Marks 2 and 3 must refer to a Toll Table (see next entry).

- Toll List—Enter a number, 1 through 32, that references the ARS Toll Table assigned to this trunk group. This field must be completed if the Prefix Mark is 2 or 3.
- No. Del. Digits—Enter the total number of digits (0 through 11) to be deleted when this trunk group is selected for use within this pattern.
- Inserted Digits— Enter the actual digits to be inserted, O through 36. The digits may be divided into groups separated by a wait for dial tone separator. "Wait" takes two digit places. The "," is used for pause, "+" for the second dial tone, and "%" for end-to-end signaling.

As an example, assume that an FX Group to North Carolina (Area Code 919) is being defined:

1. The ARS user dials 9+(91 9)-555-1349. (The first "9" represents the ARS Access Code.)
2. The System checks the ARS FNPA Table for the assigned Routing Pattern. The FX Trunk Group is the first choice in the Pattern assigned to Area Code 919.
3. If a trunk is available on this group, then the call is allowed. If a trunk is not available, then the system will search for an available trunk on the next trunk group listed for this NPA.
4. The System defines the trunk group assigned to this route. Assume that the value assigned to "No. Del. Digits" is 3. The system deletes the first three digits, left to right. The digits 919 are deleted.

   Prefix Mark 2 is specified, Toll Table 3 is checked to determine if the call is local or toll with respect to the office at the distant end of the trunk. If local, the number 555-1349 is outpulsed; if toll, 1-555-1349 is outpulsed.

   No digits are inserted for this example.

ROUTING PATTERN

Pattern Number: __

Pattern Assignments (Enter Up To 6)

	Grp. No.	FRL	NPA	Prefix Mark	Toll List	No. Del Digits	Inserted Digits
1.	15	2	919	2	3	3	
2.	12	3	919	2	3	3	
3.	17	5	615	0	__	3	
4.	__	__	__	_	_	_	
5.	__	__	__	_	_	_	
6.	_	__	_	_	_	_	

Completing the Home Numbering Plan Area Table

This 800-entry table consists of eight screen forms of 100 office codes each: 200-299,300-399,...800-899, 900-999. These screen forms define the patterns to be used to complete toll and local calls within the HNPA.

The default entry for all 800 office codes is Pattern 1. Normally, Pattern 1 should be used as the HNPA *to//* pattern, because in most NPAs there are more toll office codes than there are local office codes. This will minimize the number of changes required to complete the form.

Completing the Foreign Numbering Plan Area Table

This 200-entry table consists of two screen forms of 100 area codes each. These area codes must be directed to a pattern or another table. The default pattern for these entries is intercept-pattern 0, although that specific entry will not be displayed.

The system recognizes certain types of dialing patterns on outgoing calls and routes these calls via special entries in the HNPA or FNPA table. Table 5-A lists the special dialing patterns along with the associated HNPA or FNPA table entry through which that type of call is routed.

Table 5-A. ARS Routing Table

CALL TYPE	DIGITS DIALED	ROUTES ON PATTERN ASSIGNED	TRANSLATOR TABLE
OPERATOR	0	000	FNPA
INTERNATIONAL-DIRECT DIAL	011X...X	011	FNPA
INTERNATIONAL-OPERATOR ASSIST	01X...X	010	FNPA
OPERATOR ASSIST	0X...X	001	FNPA
LONG DISTANCE SERVICE	(1)N11	N11	FNPA
LONG DISTANCE IN NPA	(1)NXX-XXXX	NXX	HNPA
LONG DISTANCE-TOLL FREE	(1)800-NXX-XXXX	800	FNPA
LONG DISTANCE-DIRECTORY ASSIST	(1)NIX-555-XXXX	005	FNPA
LONG DISTANCE IN HOME NPA	(1)HNPA-NXX-XXXX	NXX	HNPA
LONG DISTANCE OUT SIDE OF NPA	(1)NIX-NXX-XXXX	NIX	FNPA
LDC-ACCESS CODE	10XXX	100	FNPA
LDC-OPERATOR	10XXX-0	100	FNPA
LDC-INTERNATIONAL DIRECT DIAL	10XXX-011X...X	111	FNPA
LDC-INTERNATIONAL-OPERATOR ASSIST	1OXXX-01X...X	110	FNPA
LDC-OPERATOR ASSIST	I0XXX-0X...X	101	FNPA
LDC-DIRECTORY ASSISTANCE	10XXX(1)555-XXXX	555	HNPA
LDC-LOCAL TOLL CALL	10XXX(1)NXX-XXXX	NXX	HNPA
LDC-TOLL FREE LONG DISTANCE	10XXX(1)800-NXX-XXXX	800	FNPA
LDC-TOLL CALL WITHIN HOME NPA	0XXX(1)HNPA-NXX-XXXX	NXX	HNPA
LDC-LONG DISTANCE DIRECTORY ASSIST	10XXX(1)NIX-555-XXXX	005	FNPA
LDC-LONG DISTANCE OUTSIDE OF NPA	10XXX(1)NIX-NXX-XXXX	NIX	FNPA

Legend: N — any digit 2-9
1 — digit 0-1
x — any digit O-9
0 — an optional digit
LDC — Long Distance Carrier

Note: ARS ignores the IXC access code unless it is followed by a "0."

Typical assignments for the FNPA Table are as follows:

- **"H"—pattern/table assignment for the HNPA**
- **"R" (1-32)—office code translation of a given NPA and Pattern Numbers**

Patterns should be created to accommodate individual customer needs. Careful application of this table permits Automatic Route Selection for all types of calling including IDDD and carriers other than AT&T.

Completing the Remote Home Numbering Plan Area

This 800-entry table consists of eight screen forms of 100 office codes each: 200-299, 300-399,...800-899, 900-999. Up to 32 RHNPA Tables may be completed. Each screen form provides fields for the selection of up to 12 Routing Pattern choices. Each Office Code is assigned a Routing Pattern from the 12 choices assigned to that screen. Each screen may have 12 different choices. It is not necessary to assign all 12 choices.

RHNPA Tables can be used to define the office codes of an FX trunk group whose area code differs from the HNPA as well as any area code in which it is desired to grant/deny access to specific office codes.

Enter a number (1 through 12) for each Office Code to reference the desired Pattern choice. Ranking of Pattern choices is not pertinent; however, because the default value for each Office Code is 1, the Routing Pattern assigned to Pattern Choice 1 should be the one used most frequently.

Completing the Toll Table Form

This 800-entry table consists of eight screen forms of 100 office codes each: 200-299, 300-399,...800-899, 900-999. Up to 32 ARS Toll Tables may be completed. The default value for each office code is "y." This implies that all calls are toll calls. To identify those calls within the Table that are not toll calls, change the y to n beside the appropriate office codes.

Toll Tables are associated with the terminating NPA of a given trunk group. They are always required for those trunk groups given a Prefix Mark of 2 or 3 on the Routing Pattern form.

Toll Tables may be shared by any number of trunk groups having the same NPA.

Whenever the system needs to know if a call is toll, a toll table must be created.

Hardware Requirements

None.

Automatic Wakeup

Allows attendants, front desk users, and guests to request that a wakeup call be placed automatically to a certain extension number at a later time. Wakeup requests may be placed from 5 minutes to 23 hours and 55 minutes in advance of the wakeup call.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Button/Feature Assignment -Auto-wkup	6-181 to 6-390	7-151 to 7-186
Attendant Console	Button/Feature Button Assignment -Auto-wkup	6-15	7-37
Class of Service	Console Perms	6-53	7-53
Feature Access Codes	Announcement Access Code	6-89	7-76
Feature Access Code For Hospitality Features	Automatic Wakeup Call Access Code Verify Wakeup Announcement Code Voice Do Not Disturb Access Code	6-89	7-76
Hospitality-Related System Parameters	Announcement Type	6-119	7-92
	Announcement Ports Auxiliary Board For Announcement Extension To Receive Failed Wakeup LWC Messages Length of Time To Remain Connected To Announcement		
	Extension of Journal/Schedule Printer Time of Scheduled Wakeup Activity Report Time of Scheduled Wakeup Summary Report		

- **Station Forms—Assign an “auto-wkup” button to 515, 7405D, and 7407D terminals.**

- Ž Attendant Console Form—Assign an “auto-wkup” button to the attendant console 24 feature buttons.
- • Class of Service Form—Assign the correct console permissions so the attendant console can place wakeup requests for voice terminals.
- • Feature Access Codes Form—Assign Announcement Access Code.
- • Feature Access Codes for Hospitality Features Form—Assign Automatic Wakeup Call Access Code field used for voice prompting. Assign access code to the Voice Do Not Disturb field.
- Ž Hospitality-Related System Parameters Form—Assign the type of automatic wakeup announcement the hotel guest will receive.
  - — Assign the announcement ports if the voice synthesis was entered for the announcement type.
  - — Assign an auxiliary board for announcement of external is used for announcement type.
  - — Assign extension number to receive unsuccessful LWC messages.
  - — Assign extension number to the journal/schedule printer.
  - — Assign time to receive the scheduled wakeup activity report.
  - — Assign time to receive scheduled wakeup summary report.
  - — Assign length of time to remain connected to announcement.

Hardware Requirements

If voice prompting is used, a TN725 Speech Synthesizer circuit pack is required. Each circuit pack has four ports to provide voice prompting. If speech synthesis is selected for wakeup call announcements, two ports must be reserved for wakeup announcements.

If recorded announcements are used, a model HQD614B Recorder/Announcer manufactured by the Audichron Company is required. Each Recorder/Announcer requires four trunk ports which must be on the same TN763B Auxiliary circuit pack.

No additional software is required.

Bridged Call Appearance—Multi-Appearance Voice Terminal

Allows multi-appearance voice terminal users to have an appearance of another user's primary extension number. The bridged call appearance can be used to originate, answer, and bridge onto calls to or from the other user's primary extension number.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	**Bridged Call Alerting** **Button/Feature Button Assignments** **-brdg-appr**	**6-181 to 6-390**	**7-151 to 7-186**

- **Station Forms—Assign "brdg-appr" to a 2-lamp button. Enter the button number of the call appearance on the principal voice terminal that is being bridged in the dynamic field, "Btn." Enter the principal's extension in the dynamic field, "Ext." Enter "y" or "n" in the field labeled "Bridged Call Alerting" to enable or disable the audible signal on bridged call appearances. One button must be assigned for each bridged appearance. If the principal has three call appearances, the bridging extension must have three bridged appearances assigned in order to emulate the principal's extension. Less than a full complement of bridged extensions can be assigned, but call appearance emulation (tracking) is on a one-for-one basis.**

Hardware Requirements

None.

Business Communications/Personal Terminals

The System 75 supports the following special purpose terminals:

- **AT&T Personal Terminal 510D**
- **515 Business Communications Terminal (BCT)**

The 510D integrates voice and data transmission into a single terminal. It has an integral data module and provides a Digital Communications Protocol (DCP) channel interface to the digital switch. The 510D can serve as a remote on-premises administration terminal.

The 515 BCT integrates voice and data into a single terminal. It has an integral data module and provides a DCP channel interface to the digital switch. The 515 BCT provides a standard EIA RS-232C interface and can serve as a remote on-premises administration terminal or as a standard data terminal.

Administration

To implement this feature, the followinq form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
510D	All	6-221	7-157
515 BCT	All	6-236	7-161
Data Line Data Module	All	6-57	7-60

Hardware Requirements

510D Form—Requires a port on a TN754 Digital Line circuit pack.

515 BCT Form—Requires a port on a TN754 Digital Line circuit pack.

Data Line Data Module Form—Requires an ADU and a port on a TN726 Data Line circuit pack when used as a remote on-premises administration terminal or as a standard data terminal.

Busy Verification of Terminals and Trunks

Allows attendants and specified multi-appearance voice terminal users to make test calls to trunks, voice terminals, and hunt groups [Direct Department Calling (DDC) and Uniform Call Distribution (UCD) groups]. These test calls check the status of an apparently busy resource.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	**Feature/Button Assignments** **-verify**	**6-15**	**7-37**
Station (this feature is best utilized on a display-equipped voice terminal)	**Button/Feature Button Assignments** **-verify**	**6-181 to 6-390**	**7-151 to 7-186**

- **Attendant Console Form—Assign a "Verify" button.**
- **Station Forms—Assign a "Verify" button per multi-appearance voice terminal.**

Hardware Requirements

None.

Call Coverage

Provides automatic redirection of certain calls to alternate answering positions in a Call Coverage path.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Call Coverage Answer Group	All	6-32	7-46
Call Coverage Paths	All	6-43	7-48
Feature Related System Parameters	Coverage—Don't Answer Interval For Subsequent Redirection (rings) Coverage—Caller Response Interval (seconds)	6-105	7-81
Feature Access Codes	Send All Calls Activation and Deactivation	6-89	7-76
Hunt Groups	All	6-125	7-96
Terminating Extension Group	All	6-179	7-144
Station (principals—the one to whom the call is first directed)	-Coverage Path -Redirect Notification -Coverage Msg Retrieval Permission Button/Feature Button Assignment -goto-cover -send-calls (Type:—Grp:_)	6-181 to 6-390	7-151 to 7-186
Station (covering user—the one to whom the call redirects)	Button/Feature Button Assignments -consult -cov-cback -send-calls (Type:_Grp:—)	6-181 to 6-390	7-151 to 7-186
Station (where users will place calls that can redirect to coverage)	Button/Feature Button Assignments -goto-cover	6-181 to 6-390	7-151 to 7-186
Trunk Group APLT Tie	Internal Alert	2-39 2-93	7-34 7-145

- **Call Coverage Answer Group Form—Establish coverage answer groups.**
- **Call Coverage Paths Form—Establish desired coverage paths.**
- **Feature Related System Parameters Form—Verify or complete "coverage Don't Answer Interval for Subsequent Redirection (rings)" and "Coverage-Caller Response Interval (sees)" sections.**
- **Feature Access Codes Form—Verify or assign a "Send All Calls Activation and Deactivation" code, if desired.**
- **Hunt Groups Form—Assign coverage path to groups, as desired.**
- **Terminating Extension Group Form—Assign coverage paths to groups as desired.**
- **On principal's Station Form—(the one to whom the call was first directed):**
  - **— Assign a Call Coverage Path.**
  - **— Complete "Redirect Notification" section (which causes the principal's voice terminal to receive a half ring on calls that redirect to coverage). This field is common to Call Coverage and Call Forwarding.**
  - **— Complete "Coverage Msg Retrieval Permission" section (which allows any user in the principal's call coverage path to retrieve the principal's Leave Word Calling messages).**
  - **— Assign a Go to Cover (goto-cover) button, if desired.**
  - **— Assign a Send All Calls (send-calls) button, if desired.**
- **On covering user's Station Form (the one to whom a call redirects), assign the following buttons, as desired:**
  - **— Consult**
  - **— Coverage Answer Group Numbers (in-call-id section)**
  - **— Coverage Call Back ("cov-cback")**
  - **— Send All Calls**
- **Station Form—On voice terminals where users will place calls that can redirect to Coverage, assign a Go to Coverage (goto-cover) button, if desired.**
- **APLT and Tie Trunk Group Forms—Enter "y" in the Internal Alert field if incoming calls on this trunk group will go to coverage.**

Guidelines and Examples

The examples given here are designed to help understand Call Coverage and to illustrate some of the practical aspects of Call Coverage. These are, however, only examples. In reality, each system must be administered to meet its individual needs.

Three typical coverage arrangements are as follows:

- **Executive Coverage**

  Provides a principal with call redirection to covering users having a close working relationship with the principal. Because of the status of the principal, personalized answering should be provided. Also, the principal may or may not choose to answer his or her own calls.

  A typical example of this form of coverage is when a principal's calls are redirected to a secretary. The secretary would be informed of the principal's daily schedule and other pertinent facts such as the importance of certain calls. The secretary could provide personalized answering by answering calls with the principal's name.

  If the secretary is unavailable to answer the coverage call for the principal, the call redirects to a backup answering position. Personalized answering should also be provided at the backup position.

- **Middle Manager Coverage**

  Provides a group of principals with call redirection to one or more covering users (such as a secretary). The secretary should have some knowledge of the principal's daily schedule. A backup answering position should be provided in case the secretary is unavailable.

- **General User Coverage**

  Provides less-personal coverage for a broader spectrum of users. Covering users typically consist of a group or pooled answering arrangement. With this type of arrangement, coverage calls may be distributed among the members of the answering group.

As an example of how to provide a particular cover arrangement, the following provisions for the Executive Coverage arrangement are given.

- **83Determine if the secretary and backup position have a call display capability.**

  — **If so, Coverage Answer Groups are not required.**

  — **If not, establish a unique Coverage Answer Group for each one without a display. Specify only the applicable extension number. The Coverage Answer Group will contain only one member. Establish two groups, if required. Note that if the secretary and/or the backup answering position are in a Coverage Answer Group, each will receive only one redirected call for the executive at any given time. Calls do not ring a Coverage Answer Group member already busy on a call to the group. For frequently called**

executives, it is desirable that the secretary and possibly the backup answering position have a digital display capability.

- Establish a unique Call Coverage Path for the executive,
  - — If the secretary will screen the calls, specify Cover All Calls as the redirection criteria.
  - — If the executive will answer calls, specify Active, Busy, Don't Answer, Active/Don't Answer, or Busy/Don't Answer as desired.
  - — Specify the secretary and the backup position [or the Coverage Answer Group(s) containing the secretary's and backup position's extension numbers] as the coverage points in the path.
- Optionally, specify a Send All Calls button on the executive's voice terminal. If someone else answers the executive's calls, the button is not needed.
- Specify a Send All Calls button and a Consult button on the secretary's voice terminal. Specify a Coverage ICI button if the secretary doesn't have a call display capability. Send All Calls is needed if the secretary will be unavailable for a period of time. Consult is needed to enable private consultation with the executive during an established call. Coverage ICI is needed to identify the call as a call to the executive rather than a personal call to the secretary.
- Specify a Consult button and a Coverage ICI button on the backup position's voice terminal for the same reasons these buttons were specified for the secretary.

Hardware Requirements

None.

Call Forwarding-All Calls

Allows all calls to an extension number to be forwarded to a selected internal extension number, external (off-premises) number, the attendant group, or a specific attendant. This feature is activated or deactivated by dial access code or by a Call Forwarding button.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Call Forwarding Activation and Deactivation	6-89	7-76
Station	Redirection Notification	6-181 to 6-390	7-151 to 7-186
	Button/Feature Button Assignments -call-fwd		
Class of Service	Call Forwarding (0-1 5)	6-53	7-53
Feature Related System Parameters	Trunk-to-Trunk Transfer	6-105	7-81

- **Feature Access Codes Form—Verify "Call Forwarding Activation and Deactivation" access codes have been assigned.**
- **Station Forms—Complete "Redirect Notification" section (which causes the forwarding terminal to receive a half ring on calls that forward). This field is common to Call Coverage and Call Forwarding. Assign a Call Forwarding (call-fwd) button, if desired.**
- **Class of Service Form—Verify "Call Forwarding" section has the correct permission.**
- **Feature Related System Parameters Form—Verify Trunk-to-Trunk Transfer field is activated.**

Hardware Requirements

None.

Call Management System (CMS) Interface and Assignments

The CMS is an adjunct to System 75 that collects and processes Automatic Call Distribution (ACD) data. The CMS uses this data to generate various reports on the status of agents, splits, and trunks. These reports can be stored for later use or can be displayed on a terminal for real-time information.

CMS Interface

Administration

To implement the CMS interface, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Hunt Groups	Measured By MIS	6-125	7-96
Modular Processor Data Module	All	6-153	7-118
Interface Data Module	All (for one CMS link)	6-139	7-106
Interface Links	All (for one CMS link)	6-141	7-110
Processor Channel Assignment	All (for one CMS link)	6-163	7-127

- **Hunt Groups Form—Complete the form that applies when Measured By MIS is answered yes.**

  If CMS reporting is to be used, the measured hunt groups must start with Group 1, and be sequential (measured hunt groups must precede non-measured hunt groups).

- **Modular Processor Data Module Form—Complete all sections as required.**

- **Interface Data Module Form—Complete all sections as required. Assigns a link (interface channel) in the digital switch for the CMS interface. There are four links (01 to 04) available for assignment.**

- **Interface Links Form—Complete all fields on the form for one link, as required. Assign a link from the Interface 3 circuit pack for CMS.**

- **Processor Channel Assignment Form—Complete the required fields on the form for CMS interface. Enter the CMS link number from the Interface Links Form.**

Hardware Requirements

The CMS interface requires one port on a TN754 Digital Line circuit pack and a Modular Processor Data Module (MPDM). Each auxiliary queue warning lamp requires one port on a TN742 Analog Line circuit pack. A 21C-49 indicator lamp may be used as an auxiliary warning lamp. The CMS interface may be connected to the EIA connector for the System 75 XE.

CMS Assignments

Administration

To implement CMS features, refer to the following features in this section.

- Abandoned Call Search
- Agent Call Handling
- Intraflow and Interflow
- Queue Status Indications
- Recorded Announcements
- Service Observing

Call Park

Allows users to put a call on hold and then retrieve the call from any other voice terminal within the system.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Call Park Access Code Answer Back Access Code	6-89	7-76
Feature Related System Parameters	Call Park Timeout Interval (minutes)	6-105	7-81
Station	Button/Feature Button Assignments -call-park	6-181 to 6-390	7-151 to 7-186
Console Parameters	Common Shared Extensions-(all fields)	6-54	7-56

- **Feature Access Codes Form—Verify "Call Park Access Code" and "Answer Back Access Code" sections are completed.**
- **Feature Related System Parameters Form—Complete "Call Park Timeout Interval (minutes)" section.**
- **Station Forms—Assign Call Park button to voice terminal, if desired.**

Ž **Console Parameters Form—Complete "Common Shared Extension" sections.**

Hardware Requirements

None.

Call Pickup

Allows voice terminal users to answer calls to other extension numbers within the user's specified Call Pickup group.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Call Pickup Access Code	6-89	7-76
Pickup Groups	All	6-160	7-125
Station	Button/Feature Button Assignments -call-pkup	6-181 to 6-390	7-151 to 7-186

- **Feature Access Codes Form—Complete "Call Pickup Access Code" section.**
- **Pickup Groups Form—Establish pickup groups.**
- **Station Forms—Assign Call Pickup (call-pkup) buttons to voice terminals, if desired.**

Hardware Requirements

None.

Call Waiting Termination

Provides for calls to busy single-line voice terminals to wait and sends a distinctive call waiting tone to the called party.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station (single-line)	**Call Waiting Indication**	**6-181 to 6-390**	**7-151 to 7-186**

- **Station Form—Complete "Call Waiting Indication" section for single-line voice terminals.**

Hardware Requirements

None.

Central Office Trunk Group

A Central Office Trunk Group provides for trunk connections between the System 75 and a local Central Office (CO).

Administration

To assign a CO Trunk Group, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Central Office Trunk Group	All	2-45	7-49
Digit Absorption	All	6-81	7-67

- **Central Office Trunk Group Form—Complete all fields as required.**
- **Digit Absorption Form—If required, complete this form when the far end is a step-by-step office. The Digit Absorption List field on the Central Trunk Group form must reference the Digit Absorption List number entered on the form.**

Hardware Requirements

A port on a TN747 Central Office Trunk circuit pack is required for each CO trunk to be assigned. A TN747 provides eight ports.

Centralized Attendant Service

Allows services performed by attendants in a private network of switching systems to be concentrated at a central, or main, location. Each branch in a Centralized Attendant Service (CAS) has its own listed directory number (LDN) or other type of access from the public network. Incoming trunk calls to the branch, as well as attendant-seeking voice terminal calls, are routed to the centralized attendants over release link trunks (RLTs).

Optional CAS software is required before this feature can be activated.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	**Feature Button Assignments** **-cas-backup** **-trunk-name**	**6-15**	**7-37**
Console Parameters	**-CAS** **-RLT Trunk Group Number** **-CAS Back-Up Ext**	**6-54**	**7-56**
Station **10 MET** **20 MET** **30 MET** **510D** **515BCT** **7303s** **7305s** **7309H** **7401 D** **7403D** **7405D** **7406D** **7407D** **Personal Terminal**	**Button/Feature Button Assignments** **-cas-backup-flash** **trunk-name**	**6-181 to 6-390**	**7-151 to 7-186**
Release Link Trunk Group	**All**	**2-80**	**7-134**
Feature Access Codes	**CAS Remote Hold Access Code**	**6-89**	**7-76**

- **Attendant Console Form—Assign "cas-backup" to a designated button lamp if an attendant console is available at a branch. Assign trunk-name button to identify the RLT name.**

- **Console Parameters Form—Verify "CAS" is activated as either main or branch and "RLT Trunk Number" and "CAS Back-Up Ext" fields are completed.**
- **Station Forms—Assign "cas backup" to a designated button lamp (an attendant console will probably not be available at a branch). It is a good idea to assign a "night-serv" button to one station when operating without an attendant console. Assign flash and trunk-name buttons as required to voice terminals that handle CAS calls.**
- **Release Link Trunk Group Form—Complete all fields (only one RLT Trunk Group is allowed per system). If used in a CAS, enter outgoing in the Direction field if the branch is a PBX. Enter incoming if a main PBX.**
- **Feature Access Codes Form—Complete the "CAS Remote Hold Access Code" field.**

See Figure 5-23 for an example of how to assign the Console Parameters and Release Link Trunk group for a CAS Main and CAS Branch.

Hardware Requirements

Requires a TN760B Tie Trunk circuit pack or DS1 card to assign a Release Link Trunk Group.

Console Parameters Form—CAS Main Location

```
                                                        Page 1 of 1

                          CONSOLE  PARAMETERS

                    COS: 1                                  COR : 1

Time Reminder on Hold (sec): 60        Return Call Timeout (sec): 60

     Calls In Queue Warning: 2       Time In Queue Warning (sec): _

      Ext Alert Port (TAAS): ______            Attendant Lockout? n

                    CAS: main             RLT Trunk Group No. : _

          CAS Back-Up Ext.: _____        Night Service Act. Ext.: _____

              IAS (Branch)? n            IAS Tie Trunk Group No.: _____

       IAS Att. Access Code: _____   DID-LDN Only to LDN Night Ext? n

ABBREVIATED DIALING

     Listl: ________       List2: ________       List3: ________

                      COMMON  SHARED  EXTENSIONS

             Starting Extension: 1900       Count: 4

         ASSIGNED MEMBERS ( Installed attendant console types )

           1: principal                    5: __________

           2: day-only                     6: __________

           3: __________                   7: __________

           4: __________
```

Figure 5-23. Typical CAS Main and Branch Console Parameters and RLT Forms (Sheet 1 of 4)

Release Link Trunk Group Form (Page 1)—CAS Main Location

```
                              TRUNK GROUP                   Page 1 of 5

     Group Number: 6                 Group Type:  rlt      SMDR Reports? y
       Group Name:  RLT Redmond           COR :  1                  TAC : 74
        Direction: incoming   Outgoing Display? n      Data Restriction? n
     MIS Measured? n             Busy Threshold: 60        Night Service? 0
                                                   Incoming Destination: 0


     TRUNK PARAMETERS
           Trunk Type: auto/immed    Incoming Rotary Timeout (see): 5
      Outgoing Dial Type: tone                   Incoming Dial Type: tone
          Used for DCS? n
        ACA Assignment? n


      Incoming Dial Tone? y                    Maintenance Tests? n
 Answer Supervision Timeout: _            Suppress # Outpulsing? n
```

Figure 5-23. Typical CAS Main and Branch Console Parameters and RLT Forms (Sheet 2 of 4)

Console Parameters Form—CAS Branch Location

```
                                                    Page 1 of 1

                          CONSOLE  PARAMETERS

                      COS : 1                                  COR : 1

Time Reminder on Hold (sec): 60          Return Call Timeout (see): 60

     Calls In Queue Warning: 3         Time In Queue Warning (see): _

      Ext Alert Port (TAAS): ______              Attendant Lockout? n

                      CAS: branch             RLT Trunk Group No.: 10

           CAS Back-Up Ext.: 5573           Night Service Act. Ext. : _____

               IAS (Branch)? n              IAS Tie Trunk Group No.: _____

       IAS Att. Access Code: _____   DID-LDN Only to LDN Night Ext? n

ABBREVIATED DIALING

     Listl: ________        List2: ________        List3: ________

                       COMMON  SHARED  EXTENSIONS

              Starting  Extension: 5600       Count: 4

         ASSIGNED MEMBERS ( Installed attendant console types )

            1: principal                      5: _________

            2: ________                       6: _________

            3: _________                      7: _________

            4: _________
```

Figure 5-23. Typical CAS Main and Branch Console Parameters and RLT Forms (Sheet 3 of 4)

Release Link Trunk Group Form (Page 1)—CAS Branch Location

```
                              TRUNK  GROUP                    Page 1 of 5

       Group Number: 10                Group Type:  rlt     SMDR Reports? n

         Group Name:  operator           COR: 1                    TAC: 80

          Direction: outgoing    Outgoing Display? y       Data Restriction? n

       MIS Measured? ____            Busy Threshold: 2

       Queue Length: 3


       TRUNK  PARAMETERS

                Trunk Type: immed/auto     Incoming Rotary Timeout (see): 5

        Outgoing Dial Type: tone                      Incoming Dial Type: tone

              Used for DCS? n

            ACA Assignment? n


         Incoming Dial Tone? y                          Maintenance Tests? y

Answer  Supervision  Timeout:  ___                  Suppress # Outpulsing? n
```

Figure 5-23. Typical CAS Main and Branch Console Parameters and RLT Forms (Sheet 4 of 4)

Class of Restriction

All system users have a COR to define their calling privileges. Restrictions can be assigned to a facility as listed in the table below. The COR specifies up to 64 different classes of call origination and termination privileges. Systems may have only a single COR, one with no restrictions, or may have as many CORs (up to 64) as necessary to effect the desired restrictions. A unique COR must be defined for each combination of FRLs, calling party restrictions, called party restrictions, miscellaneous restrictions, and CCSA/EPSCS off-network restrictions.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	All	6-50	7-52
Attendant Console	COR	6-15	7-37
Authorization Codes	All	6-30	7-40
Console Parameters	COR	6-54	7-56
Hunt Groups	COR	6-125	7-96
Loudspeaker Paging and Code Calling Access	COR (1-9, all)	6-145	7-113
MPDM/MTDM Data Module	COR	6-153	7-118
Interface Data Module	COR	6-139	7-106
Netcon Data Module	COR	6-155	7-119
Recorded Announcement Data Module	COR	6-168	7-133
Data Line Data Module	COR	6-57	7-60
Station	COR	6-181 to 6-390	7-151 to 7-186
Remote Access	COR (Barrier Code)	6-174	7-137
Terminating Extension Group	COR	6-179	7-144

(Continued on next page.)

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Trunk Groups:	**COR**		
Access		**2-32**	**7-30**
APLT		**2-39**	**7-34**
CO		**2-45**	**7-49**
CPE		**2-52**	**7-57**
DMI		**2-63**	**7-72**
FX		**2-70**	**7-87**
RLT		**2-80**	**7-134**
Tandem		**2-86**	**7-141**
Tie		**2-93**	**7-145**
WATS		**2-101**	**7-148**

- **Class of Restriction Form—Complete appropriate fields.**
- **Complete the "COR" fields for the following forms:**
  - **Attendant Console**
  - **Authorization Codes**
  - **Console Parameters**
  - **Hunt Groups**
    - **DDC group**
    - **UDC group**
    - **ACD split**
  - **Loudspeaker Paging and Code Calling Access**
  - **Data Modules (including MPDM, MTDM, Recorded Announcement, Data Line Data Modules, Interface, Netcon)**
  - **Station**
  - **Remote Access (per barrier code)**
  - **Terminating Extension Group**
  - **Trunk Groups**

Guidelines and Examples

The examples given here are designed to help understand CORs and to illustrate some of the practical aspects of CORs. These are, however, only examples. In reality, each system must be administered to meet its individual needs.

Example Using Miscellaneous Restrictions

As an illustration of miscellaneous restrictions, assume a System 75 installation provides the following:

- **Central office trunks**
- **WATS**
- **FX trunks**
- **Data modules**
- **Attendant service**
- **Voice terminals**
- **Direct Inward Dialing (DID) trunks**
- **Remote Access**

In an unrestricted environment, each of the preceding facilities could have the same COR. However, suppose the following requirements exist:

- **Attendants cannot make data calls.**
- **Remote Access can be used for data calls only.**
- **DID cannot be used for data calls except through Remote Access. (A dedicated Remote Access trunk group is not required, although one or more could be provided. This example assumes all Remote Access is via DID.)**
- **There are three classes of voice terminals:**
  - **— Those that can call anywhere, any time**
  - **— Those that can place local central office and in-house calls only**
  - **— Those that can place local central office, FX, and in-house calls only**

To implement the preceding requirements, a COR must be assigned to each facility or group of facilities. For simplicity, each can have a unique COR. The CORs are arbitrarily assigned as follows:

- **COR 30—Local central office trunks**
- **COR 31—WATS trunks**
- **COR 32—FX trunks**
- **COR 33—Data modules**
- **COR 34—Attendant group**
- **COR 35—Unrestricted voice terminals**
- **COR 36—Voice terminals that can place in-house and local central office calls only (no FX or WATS calls)**
- **COR 37—Voice terminals that can place in-house, local central office, and FX calls only (no WATS calls)**
- **COR 38—DID trunk group**
- **COR 39—One of the remote access barrier codes (can be up to ten)**

With the CORs defined, it should be individually determined which CORs cannot call other CORs. This is done as follows:

- **COR 30 (local central office trunks)—No restrictions were specified for these trunks. The default values on the screen form are sufficient. No action is required, except to specify a COR number of 30.**
- **COR 31 (WATS)—CORS that cannot use WATS are specified as they are encountered. WATS itself is an outgoing service without any calling capabilities. Thus, Miscellaneous Restrictions are not specified on this form. The Calling Party Restriction should be "none" (although this restriction does not really have any meaning for an outgoing facility). Similarly, the Called Party Restriction applies to facilities capable of answering a call. Since this is not the case with WATS, "none" should be specified. Again, the default values are sufficient, so only the COR number needs to be specified.**
- **COR 32 (FX)—According to the requirements for this example, no restrictions apply. Reasons are the same as for WATS. Only the COR number needs to be specified.**
- **COR 33 (data modules)—No restrictions apply for reasons similar to the reasons why no restrictions were assigned for WATS. Only the COR number needs to be specified.**
- **COR 34 (attendant group)—The attendant group cannot call COR 33 (data modules). Specify an "n" beside COR 33 in the Calling Permission field. Specify 34 in the COR Number field.**
- **COR 35 (unrestricted voice terminals)—Since no restrictions were specified, only the COR number needs to be entered.**

- **COR 36 (no FX or WATS calls)—This COR cannot call COR 32 (FX) or COR 31 (WATS). Specify an "n" beside CORs 32 and 31 in the Calling Permission field. Specify 36 in the COR Number field.**
- **COR 37 (no WATS calls)—This COR cannot call COR 31 (WATS). Specify an "n" beside COR 31 in the Calling Permission field. Specify 37 in the COR Number field.**
- **COR 38 (DID)—This COR cannot call COR 33 (data modules). Specify "n" beside COR 33 in the Calling Permission field. Enter 38 in the COR Number field.**
- **COR 39 (Remote Access barrier code)—This COR can be used for data calls only. Thus, this COR can call COR 33, but not CORs 30 (local central office), 31 (WATS), 32 (FX), 34 (attendant group), 35, 36, or 37 (voice terminals). Specify an "n" beside CORs 30, 31, 32, 34, 35, 36, and 37 in the Calling Permission field. Enter 39 in the COR Number field. (The CORs listed in the Calling Permission field can be viewed as terminating or screening CORs that can or cannot be called by the originating COR. Since COR 38 [DID] is neither a terminating nor a screening COR, it does not have to be considered when assigning the barrier code COR.)**

Example Using Calling Party Restrictions, Called Party Restrictions, and Miscellaneous Restrictions

To illustrate the use of both Calling and Called Party restrictions, and Miscellaneous restrictions, assume a System 75 installation provides the following:

- **Central office trunks (outgoing)**
- **WATS**
- **FX trunks (outgoing)**
- **Voice terminals**
- **Data modules**
- **Terminating Extension Groups**
- **Loudspeaker Paging**

Suppose that the following requirements exist:

- **Only the attendant can access loudspeaker paging.**
- **Terminating Extension Groups can only accept calls from internal voice terminals.**
- **There are six classes of voice terminals:**
  - **Those that are toll restricted**

— Those that cannot call outside to a public network (outward restricted)

— Those that can receive calls only from an attendant

— Those that can call anywhere, any time

— Those that cannot place FX or WATS calls

— Those that cannot place WATS calls

To implement the preceding requirements, a COR must be assigned to each facility or group of facilities. For simplicity, each can have a unique COR. The CORs are arbitrarily assigned as follows:

- **COR 40—Local central office trunks**
- **COR 41 —WATS trunks**
- **COR 42—FX trunks**
- **COR 43—Attendant group**
- **COR 44—Data modules**
- **COR 45—Terminating Extension Groups**
- **COR 46—Loudspeaker Paging Access Zones**
- **COR 47—Unrestricted voice terminals**
- **COR 48—Voice terminals that are toll restricted**
- **COR 49—Voice terminals that are outward restricted**
- **COR 50—Voice terminals that can only receive calls from an attendant**
- **COR 51 —Voice terminals that cannot place FX or WATS calls**
- **COR 52—Voice terminals that cannot place WATS calls**

With the CORs defined, it should be determined individually which CORs cannot call other CORs. This is done as follows:

- **COR 40 (local central office trunks)—Restrictions that prohibit access to this COR are assigned when the originating CORs are considered. Only the COR number has to be specified on this form.**
- **COR 41 (WATS)—Only the COR number needs to be specified, this is the same case as described in the previous configuration example,**
- **COR 42 (FX)—Again, only the COR number needs to be specified.**

- Ž COR 43 (attendant group)—No restrictions were stated, so only the COR number needs to be specified.

- • COR 44 (data modules)—No restrictions were stated, so only the COR number needs to be specified.

- • COR 45 (Terminating Extension Group)—This COR can receive internal voice terminal-originated calls only. Since no tie trunks are specified for this example, the Inward Restriction feature can provide the desired restriction. Specify "inward" as the Called Party Restriction. If dial repeating tie trunks are provided, Miscellaneous Restrictions could be used to deny trunk access to the group. Also, specify 45 as the COR number.

- Ž COR 46 (Loudspeaker Paging Access zones)—Since this COR can be accessed by an attendant only, the Manual Terminating Line feature can provide the restriction. Specify "manual" as the Called Party Restriction. Specify 46 as the COR number.

- Ž COR47 (unrestricted voice terminals)—No restrictions were stated, so only the COR number needs to be specified.

- • COR 48 (toll restricted voice terminals)—Specify "toll" as the Calling Party Restriction. Specify 48 as the COR number.

- • COR 49 (outward restricted voice terminals)—Specify "outward" as the Calling Party Restriction. Specify 49 as the COR number.

- Ž COR 50 (voice terminals that can only receive calls from an attendant)-Specify "manual" as the Called Party Restriction. Specify 50 as the COR number.

- • COR 51 (voice terminals that cannot place WATS or FX calls)—None of the Calling Party Restrictions uniquely prohibit WATS and FX calls, so Miscellaneous Restrictions are used. Enter an "n" beside COR 41 (WATS) and COR 42 (FX) in the Calling Permission field. Leave the Calling Party Restriction as "none" and specify 51 as the COR number.

- • COR 52 (voice terminals that cannot place WATS calls)—Enter an "n" beside COR 41 (WATS) in the Calling Permission field. Leave the Calling Party Restriction as "none" and specify 52 as the COR number.

Another method to determine COR assignment is to consider the restrictions to be assigned.

This method is probably more difficult to use, but it minimizes the number of CORs established. This method requires 9 CORs to effect the same restrictions as 13 CORs with the previous method.

The requirements given for this example are as follows:

- • Only the attendant can access loudspeaker paging.

- • Terminating Extension Groups can only accept calls from internal voice terminals.

- The six classes of voice terminals are:
  - — Those that are toll restricted
  - — Those that cannot call outside to a public network (outward restricted)
  - — Those that can receive calls only from an attendant
  - — Those that can call anywhere, any time
  - — Those that cannot place FX or WATS calls
  - — Those that cannot place WATS calls

Assignments for these requirements could be made as follows:

- COR 20—Manual Terminating Line Restriction.
- COR 21 —Inward Restriction,
- Ž COR 22—Toll Restriction.
- COR 23—Outward Restriction.

  Note: A new Manual Terminating Line Restriction for voice terminals was not established. COR 20, above, can be assigned.

- COR 24—Unrestricted.
- COR 25—COR for WATS.
- COR 26—COR for FX.
- COR 27—Provides Miscellaneous Restrictions for WATS and FX. Enter an "n" beside COR 25 and COR 26 on the form for COR 27.
- COR 28—Provides Miscellaneous Restriction for WATS. Enter an "n" beside COR 25 on the form for COR 28.

Now assign the appropriate COR to each physical or screening facility:

- Ž Central office trunks—COR 24 (unrestricted)
- WATS—COR 25 (WATS COR)
- Ž FX—COR 26 (FX COR)
- Attendant group—COR 24 (unrestricted)
- Voice terminals—COR 22 (toll), COR 23 (outward), COR 20 (manual), COR 24 (unrestricted), COR 27 (WATS and FX miscellaneous), or COR 28 (WATS miscellaneous), as required

- Data Modules—COR 24 (unrestricted)
- Terminating Extension Group—COR 21 (inward)
- Ž Loudspeaker Paging trunks—COR 20 (manual)

Example Using ARS/AAR Facilities Restriction Level (FRL) for Control of Call Routing

Establish a group of users who must dial an authorization code in order to make outside calls. The client has ARS and the Authorization Codes feature. The forms and fields are administered as follows:

1. **Feature Related System Parameter Features Form**

Field	Enter
- Authorization Codes Enabled	y
- Authorization Code Length	7
- Authorization Code Cancellation Symbol	1
- Attendant Timeout Flag	n

2. **Station Form**

   Assign COR = 1 for all unrestricted users and COR = 49 for restricted users who must dial an authorization code to make outside calls.

3. **Authorization-Codes Form**

   Assign the restricted users a replacement COR = 1 and an authorization code the same as their 7-digit phone number.

4. **COR Form**

   Assign/change originating FRLS for restricted and unrestricted users. Assign an originating FRL of 7 to users with a COR of 1 and an originating FRL of 0 (zero) to users with a COR of 49.

5. **AAR/ARS Route Pattern Form**

   For route pattern 1, assign trunk group 40 (CO) as the first choice route with a route FRL = 1, NPA = 201, and Prefix Mark = 1 (that is, dialing "1" is required here to indicate a toll call). Assign first, second, and third choice routes as follows:

Grp No	FRL	NPA	Prefix Mark	Toil List	No. Del Digits	Inserted Digits
40	1	201	1			
2	3	201	1			
32	3	201	1			9

For this example, trunk group 40 is a CO trunk, trunk group 2 is WATS, and trunk group 32 is a tie trunk to the System 85.

When a caller dials the ARS access code to call out, the FRL of the originating facility is compared with the FRL of the available outgoing facility. If the FRL of the originating facility is less than the FRL of the trunk group, the restricted user will be prompted (via recall dial tone) to enter an authorization code. After the authorization code is entered, the call is routed to the CO for completion. If the FRL is insufficient to seize any trunk group in the route pattern, the user gets intercept tone.

Restricted callers will be prompted for and be required to enter an authorization code (as previously described). Unrestricted users will simply dial the ARS code followed by the desired number.

Hardware Requirements

None.

Class of Service

Defines whether or not voice terminal users may access seven features:

- **Automatic Callback**
- **Call Forwarding All Calls**
- **Data Privacy**
- **Priority Calling**
- **Console Permission**
- **Off-Hook Alert**
- **Client Room**

Administration

The 16 possible Classes of Service (COS) are preassigned in the system. Choose the appropriate COS and assign to users as required. Types of users are listed in the following table.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Service	All	6-53	7-53
Attendant Console	COS	6-15	7-37
Console Parameters	COS	6-54	7-56
MPDM/MTDM Data Module	COS	6-153	7-118
Interface Data Module	COS	6-139	7-106
Netcon Data Module	COS	6-155	7-119
Recorded Announcement Data Module	COS	6-168	7-133
Data Line Data Module	COS	6-57	7-60
Station	COS	6-181 to 6-390	7-151 to 7-186
Remote Access	COS	6-174	7-137

Hardware Requirements

None.

Code Calling Access

Allows attendants, voice terminal users, and tie trunk users to page with coded chime signals.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Loudspeaker Paging and Code Calling Access	Code Calling IDs-(all fields)	6-145	7-113

- **Loudspeaker Paging and Code Calling Access Form—Complete code calling sections. Assign Code Calling identifications to extension numbers "ext" sections.**

Hardware Requirements

Requires a port on a TN763 Auxiliary Trunk circuit pack for each of eight paging zones that can be assigned. The Code Calling Access feature shares the same ports used for loudspeaker paging.

Consult

Allows a covering user, after answering a coverage call, to call the principal (called party) for private consultation.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Button/Feature Button Assignments -consult	6-181 to 6-390	7-151 to 7-186

- **Station Forms—Assign a Consult button.**

Hardware Requirements

None.

Coverage Callback

Allows a covering user to leave a message for the principal (called party) to call the calling party.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Button/Feature Button Assignments -cov-cback	6-181 to 6-390	7-151 to 7-186

- **Station Forms—Assign a Cover Callback (cov-cback) button.**

Hardware Requirements

None.

Coverage Incoming Call Identification

Allows multi-appearance voice terminal users without a display in a Coverage Answer Group to identify an incoming call to that group.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Button/Feature Button Assignments -in-call-id (Type:_Grp:___)	6-181 to 6-390	7-151 to 7-186

- **Station Forms—Assign a UCD/DDC Coverage Answer Group (in-call-id) button.**

Hardware Requirements

None.

Customer Provided Equipment (CPE) Trunk Group

A Customer Provided Equipment (CPE) Trunk Group provides for the connection of on-premises customer equipment to the System 75 for applications such as Loudspeaker Paging, Code Calling, Music-on-Hold, and Recorded Telephone Dictation Access.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
CPE Trunk Group	All	2-52	7-57

Hardware Requirements

A port on a TN763 Auxiliary Trunk circuit pack is required for each trunk to be assigned the CPE Trunk Group. A TN763 provides four ports.

Data Call Setup

Provides three methods to set up a data call: Data Terminal (keyboard) Dialing, Voice Terminal Dialing, or dedicating a voice terminal for data calls. Typically, when a data terminal is available, keyboard dialing is more convenient and requires less steps; therefore, it should be used whenever possible.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Data Origination Access Code	6-89	7-76
Station (multi-appearance)	Button/Feature Button Assignments -data-ext (Ext:___)	6-181 to 6-390	7-151 to 7-186
Modem Pool Group	Circuit Pack Assignments (1-32)	6-149	7-116

- Ž **Feature Access Codes Form—Assign a Data Origination Access Code.**
- **Station Form—Assign Data Call Setup buttons to multi-appearance voice terminals.**
- **Modem Pool Group Form—Assign Circuit Pack port locations.**

Refer to the respective coverage provided elsewhere in this section and assign ports to the following:

- **— Data Modules**
- **— BCTs/510Ds**
- **— 7404 D/7406D/7407D Voice Terminals**
- **— Analog Modems (port is assigned using a 2500 Voice Terminal form).**

Hardware Requirements

Data Call Setup is a means of using data equipment to establish data calls. Requirements for data modules, 510D or 515 BCT voice terminals, and modems are given below.

- ***Data Modules:*** **Each data module requires one port on a TN754 Digital Line circuit pack. A Digital Terminal Data Module (DTDM) shares the port with its associated voice terminal.**

Ž ***510D or 515 BCT:*** **Each 510D or 515 BCT requires one port on a TN754 Digital Line circuit pack for shared use of voice and data.**

- ***7404D, 74060, or 7407D:*** **Each Voice Terminal requires one port on a TN754 Digital Line circuit pack for shared use of voice and data.**

Ž ***Modems:*** **Each modem requires one port on a TN742 Analog Line circuit pack. (Administration designates the modem as a 2500-series voice terminal and assigns an extension number. A modem is connected to the port instead of a voice terminal. Access is through the assigned extension number.)**

- ***Modern Pooling:*** **A TN758 Modem Pool circuit pack, or one digital port associated with a Trunk Data Module (either TDM or MTDM) and one analog port with analog modem, is required for each conversion resource.**

- **Keyboard Dialing to off-premises data endpoints requires the use of a TN748B Tone Detector circuit pack. Extensive use of features and services using tone detection may necessitate adding additional TN748B circuit packs (several features also use a TN748B).**

Data Hot Line

Provides for automatic nondial placement of a data call to an endpoint when the originator goes off-hook.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Hot Line Destination (all fields)	6-181 to 6-390	7-151 to 7-186
Data Modules:	List1 :		
Data Line		6-57	7-60
Interface		6-139	7-106
MPDM, MTDM		6-153	7-118
Netcon		6-155	7-119
TDM	Hot Line Destination	6-153	7-118

- **Station Forms—Assign the Hot Line Destination from the Abbreviated Dialing List for that station.**
- **Data Module Forms—Assign the Hot Line Destination from the Abbreviated Dialing List for that module.**

Hardware Requirements

None.

Data Modules

This service provides administration capabilities for the translation data associated with data module interfaces in System 75. The following equipment can be interfaced using a data module.

- **Asynchronous EIA RS-232C compatible Data Terminal Equipment (DTE)**
- **Applications Processor (V3)**
- **AUDIX**
- **Data service unit associated with a private data line or the digital data system**
- **Data set**
- **Data terminal**
- **Local host computer**
- **On- or off-premises administration/maintenance terminal**
- **Other System 75s, System 85s, or enhanced AT&T DIMENSION® PBX nodes in a Distributed Communications System (DCS).**
- **Station Message Detail Recording (SMDR) output device**
- **3270 type data modules**

  Figure 5-24 shows an example of how to use 3270, Data Line, MPDM, and MTDM data modules.

Administration

To implement these features, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
MPDM/MTDM	All	6-153	7-118
Recorded Announcement Data Module	All	6-168	7-133
Interface Data Module	All	6-139	7-106
Netcon Data Module	All	6-155	7-119
Data Line Data Module	All	6-57	7-60
Digital Terminal Data Module	All	6-312,341	7-171,176
3270-type Data Module	All	6-153	7-118

- MPDM/MTDM Data Module Form—
  - — 700A—Complete one PDM/TDM Data Module form for each PDM-700A to be assigned. PDM-700A provides an interface to an AP, SMDR output device, an on-premises administration terminal, data terminal, or a local host computer.
  - — 700D—Complete one PDM/TDM Data Module form for each MPDM-700D to be assigned. The MPDM-700D functions similar to the PDM-700A. The MPDM can support a variety of data interface requirements. It provides V.35, RS-232C, or RS-449 interfaces and an Automatic Calling Unit (ACU) RS-366 interface.
  - — 700B—Complete one PDM/TDM Data Module form for each TDM-700B to be assigned. A TDM-700B provides an interface to an SMDR output device, a data set, or a data service unit associated with a private data line or the Digital Data System (DDS).
  - — 700C—Complete one PDM/TDM Data Module form for each TDM-700C to be assigned. The TDM-700C functions the same as a TDM-700B.
  - — 700E—Complete one PDM/TDM Data Module form for each MTDM-700E to be assigned. The MTDM is a multipurpose data module configured to provide digital switch interface to support trunk data requirements.
- Recorded Announcement Data Module Form—Complete all fields on this form. This form is used with the netcon channel form that allows the system to transfer the recorded announcements file from the announcement board to the system tape and from the system tape to the announcement board.

- **Interface Data Module Form—Complete one Interface Data Module form for each synchronous/asynchronous interface port to be assigned. These ports provide communications interfaces with an AP (V3), or other nodes in a DCS such as System 75s, System 85s, or enhanced DIMENSION PBXs. This form assigns a physical channel (01 to 04) from the TN719 Interface 3 circuit pack, it does not assign a port circuit. An associated PDM/TDM form must be completed to assign a port from a TN754 Digital Line circuit pack to the the PDM associated with the AP interface or to the TDM associated with DCS interfaces. A maximum of four Interface 3 channels are available for assignment. Refer to Applications Processor (V3) Interface, Audio Information Exchange (AUDIX), Call Management System (CMS) and Distributed Communications (DCS) System for additional information.**

- **Netcon Data Module Form—Complete one Netcon Data Module form for each port to be assigned an interface to the maintenance terminal, administration terminal(s), and SMDR output device not interfacing the digital switch via an AP. This form assigns a physical channel (01 to 04) from the TN727 Network Control circuit pack, it does not assign a port circuit. An associated PDM/TDM Form must be completed to assign a port from a TN754 Digital Line circuit pack to the TDM associated with the equipment. A maximum of four Netcon channels are available for assignment.**

- **Data Line Data Module Form—Complete one Data Line Data Module form for each Asynchronous Data Unit (ADU) RS-232C DTE type interface to be assigned. A port on a TN726 Data Line circuit pack is required for each ADU interface to be provided.**

- **Digital Terminal Data Module Form—Refer to 7403D and 7405D Voice Terminals. The DTDM system form, if required, is covered with each respective terminal.**

- **3270-type Data Module Form—Complete one PDM/TDM Data Module form for each 3270-type Data Module to be provided an interface to the digital switch. The 3270A Data Module allows 3270-type terminals such as an IBM* 3278 Information Display System to communicate with a host computer via the digital switch. A 3270C-type data module allows connection to an industry type cluster controller. A port on a TN754 Digital Line circuit pack is required for each 3270 Data Module interface provided.**

Hardware Requirements

A port is required on a TN754 Digital Line circuit pack for each PDM/TDM to be assigned. One TN754 provides eight ports.

A port is required on a TN726 Data Line circuit pack for each interface to be provided asynchronous EIA RS-232C compatible equipment. An ADU allows direct connection between the digital switch port on a TN726 Data Line circuit pack and EIA terminals, printers, and computer ports. One TN726 provides eight ports.

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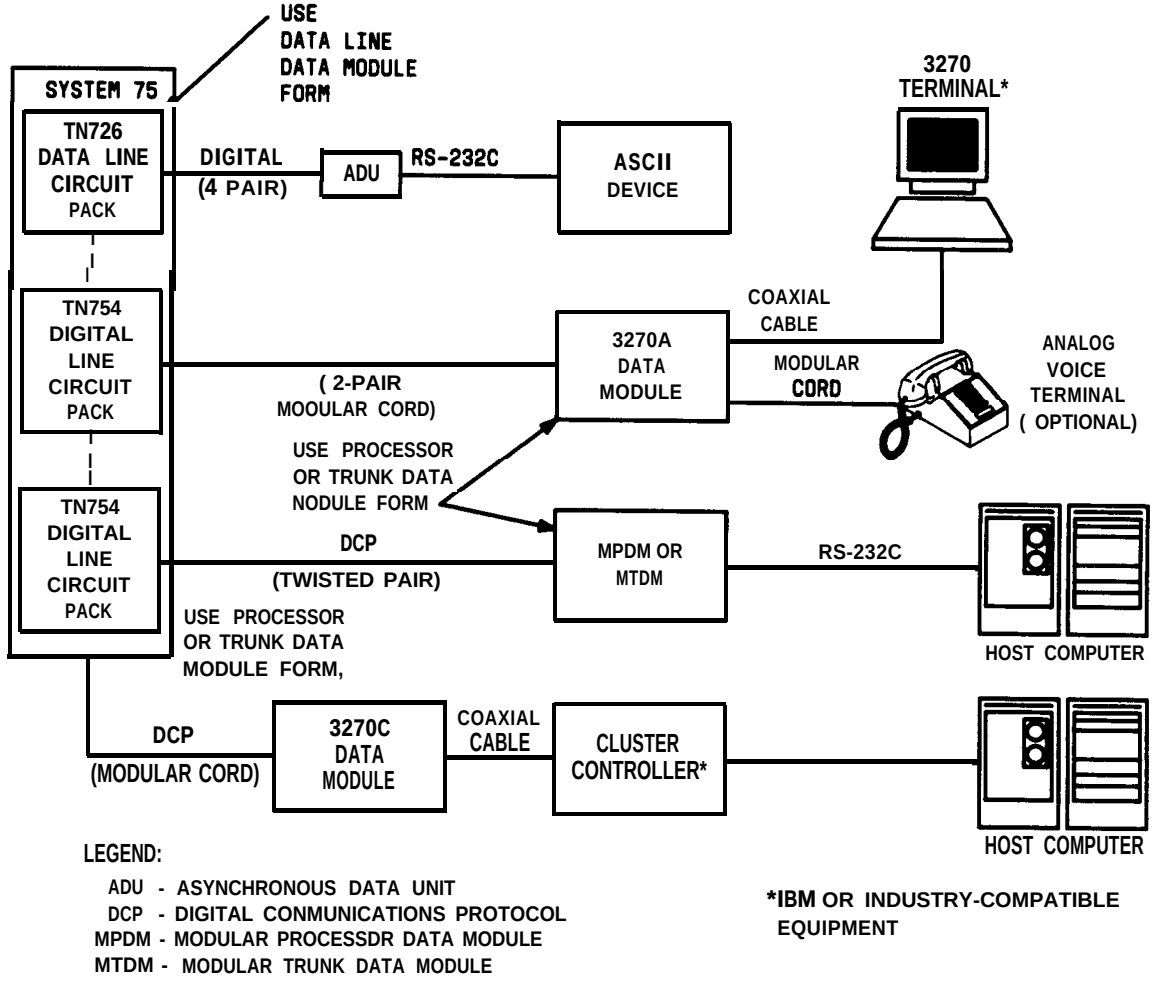


Figure 5-24. ExampLe of Data Module Connections

Data-Only Off-Premises Extensions

Allows users to establish data calls involving data communications equipment (DCE) or Data Terminal Equipment (DTE) that is located remotely from the System 75 site using DATAPHONE® digital service or other private line data facilities. A Data-Only Off-Premises Extension uses a Modular Trunk Data Module located on-premises. Communication with the remote data equipment is accomplished through the private line facility linking the on-premises Modular Trunk Data Module and the remote data equipment.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
MPDM/MTDM Data Module	All	6-153	7-118

- **MPDM/MTDM Data Module Form—Assign the associated data module port interface to the digital switch.**

Hardware Requirements

Requires a Trunk Data Module and one port on a TN754 Digital Line circuit pack.

Data Privacy

Protects analog data calls from being disturbed by any of the system's overriding or ringing features. Data Privacy, when activated by a user, denies the system the ability to gain access to, or to superimpose tones onto, the protected call.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Data Privacy Access Code	6-89	7-76
Class of Service	Data Privacy (0-15)	6-53	7-53

- **Feature Access Codes Form—Complete "Data Privacy Access Code" section.**

Ž **Class of Service Form—Verify Data Privacy section has the correct permission.**

Hardware Requirements

None.

Data Restriction

Protects analog data calls from being disturbed by any of the system's overriding or ringing features. Data Restriction, when administered to an extension number or trunk group, denies the system the ability to gain access to, or to superimpose tones onto, the protected call.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Data Restriction	6-181 to 6-390	7-151 to 7-186
Trunk Groups:	Data Restriction		
Access		2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148

- **Station Forms—Complete "Data Restriction" section.**
- **Trunk Group Forms—Complete "Data Restriction" section.**

Hardware Requirements

None.

Dial Plan

The Dial Plan is the system's guide to digit translation. When a digit is dialed, the system must know what to expect, based on that digit. For example, if a voice terminal user dials a 4, the system must know how many more digits to expect before the call will be processed. A feature access code cannot be assigned to a feature if it is not already defined and consistent with the Dial Plan.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Dial Plan	All	2-15, 6-73	7-62

- **Dial Plan Form—Enter the local area code. Complete digit identification and numbering.**
- **If the Uniform Dial Plan (UDP) option is used, enter the PBX Codes, Local/Remote Indicator, and RNXs for all switches used, and all PBX ids.**

Hardware Requirements

None.

Digital Multiplexed Interface (DMI) Trunk Group

A Digital Multiplexed Interface (DMI) Trunk Group provides for digital tie trunk interfaces to the System 75. Associated trunks can only be connected to host computers. System 75 DMI supports high volume (high speed, high capacity) data transmission via DS1 digital facilities between host computers and analog and digital data endpoints.

Administration

Instructions for administering DS1/DM1 interface with System 75 are provided in *AT&T System 75 and System 85 DS1/DMI Interface Manual,* 555-025-101.

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM iNSTRUC-TIONS (Page #)	BLANK FORM (Page #)
DMI Trunk Group	All	2-63	7-72
Synchronization Plan	All	6-176	7-140

- **DMI Trunk Group Form—Complete all sections.**
- **Synchronization Plan Form—Complete all sections.**

Hardware Requirements

A TN722B DS1 Tie Trunk circuit pack must be provided for each trunk to be assigned. The circuit pack must be assigned (via a DS1 Circuit Pack Form) prior to administration of DMI Trunk Groups. The TN722B provides up to 24 independent trunks,

A port is required on a TN754 Digital Line circuit pack if a Long Haul DCS is used with a high speed modem, Data Service Unit, a DATAPHONE II data set, or a Local Area Data Set.

Direct Department Calling and Uniform Call Distribution

Allows direct inward access to an answering group other than the attendant even if the system does not have the Direct Inward Dialing (DID) feature.

A Direct Department Calling (DDC) or Uniform Call Distribution (UCD) answering group can consist of voice terminals and individual attendants. A UCD group can consist of data modules, data line circuit packs, or modems.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Recorded Announcements	As Required	6-169	7-131
Recorded Announcement Data Module	All	6-168	7-133
Call Coverage Paths	All	6-43	7-48
Hunt Groups	All	6-125	7-96
Trunk Groups:	Incoming Destination		
Access	Night Service	2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148

- **Recorded Announcements Form—Assign recorded announcement extension numbers, if used.**
- **Recorded Announcement Data Module Form—Complete all sections.**
- **Call Coverage Paths Form—Verify or build Call Coverage Path for the group, if used.**
- **Hunt Groups Form—Complete all sections.**
- **Trunk Groups Form—If this feature is to be provided via Direct Inward Dialing (DID) trunk group, the assigned hunt group extension number must be accessible via DID. If it is to be provided on a DID trunk group basis, then the extension number assigned to the hunt group must also be assigned to a DID Group Member Assignment (1 to 60). Complete Incoming Destination and Night Service fields.**

Hardware Requirements

Requires one port on a TN742 Analog Line circuit pack for each Auxiliary Warning lamp. A 21C-49 indicator lamp may be used as a warning lamp. This lamp is approximately 2 inches in diameter and has a clear beehive lens. The lamp operates on ringing voltage and can be mounted in any convenient location.

Refer to the Recorded Announcements and Trunk Groups features for additional hardware requirements.

Direct Inward Dialing

Connects calls from the public network directly to the dialed extension number without attendant assistance.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Direct Inward Dialing Trunk Group	All	2-57	7-69

- **Direct Inward Dialing Trunk Group Form—Verify or complete all sections.**

Hardware Requirements

Each Group Member Assignment (trunk assignment) in the DID Trunk Group requires a port on a TN753 DID Trunk circuit pack. A TN753 provides eight ports.

Direct Outward Dialing

Allows voice terminal users to access the public network without attendant assistance.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Dial Plan	Identification/Number Of Digits for: -Local CO -Foreign Exchange -WATS	2-15, 6-73	7-62
Trunk Groups: CO FX WATS	All	 2-45 6-70 2-101	 7-49 7-87 7-148

- **Dial Plan Form—Verify trunk access codes for local Central Offices, Foreign Exchange offices, and/or outward Wide Area Telecommunications Service (WATS)**
- **Trunk Groups Form—Verify or complete all sections for the applicable outgoing Central Office, Foreign Exchange, or WATS Trunk Group form.**

Hardware Requirements

Requires a port on a TN747 Central Office Trunk circuit pack for each trunk to be assigned in the trunk group. Each TN747 provides eight ports.

Distinctive Ringing (Alerting)

Helps voice terminal users and attendants distinguish between various types of incoming calls.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station (single-line)	Distinctive Audible Alert	6-216,250, 255,260	7-156,163, 164,165
Station (all)	Redirect Notification	6-181 to 6-390	7-151 to 7-186

- **Station Forms for 500, 2500, 7101A, and 7103A voice terminal-Complete Distinctive Audible Alert field.**
- **Station Forms—Complete Redirect Notification field.**

Hardware Requirements

Requires that a 500-type, 2500-type, or 7100-series voice terminal be assigned and connected to a TN742, TN746, or TN769 circuit pack.

Distributed Communications System (DCS)

Allows a configuration (cluster) of two or more switches (nodes) to provide certain attendant and voice terminal features as if the cluster is a single large node. This simplifies dialing procedures between locations, and also allows transparent use of some of the system's features between locations.

An example of connecting three System 75 switches in a DCS configuration using voice tie trunks and DS1 signaling is shown in Figure 5-25. In this example, the switches are designated as Switch A, B, and C. Switch A is the master switch and switches B and C are slaves. Figure 5-25 also references the screen forms used to assign parameters for DCS signaling and voice tie trunks. These forms are provided as an example only and are in Parts 2 and 6 of this manual. The forms show how to implement Switch A to communicate with Switches B and C. Switches B and C in turn must be implemented to communicate with Switch A.

Figure 5-25 does not cover every example of how DCS can be configured. This example is intended to show how the various screen forms can be used to implement DCS. The screen forms associated with this example do not show all the information that can be entered on the form. The fields on the screen forms that can be completed for DCS have been filled in. The other fields that can be filled in depend on how the system is configured to meet your particular needs.

For detailed information on DCS, refer to the *AT&T Network and Data Services Reference Manual,* 555-025-201, and the *AT&T System 75 Application Notes—Distributed Communications System,* 555-209-003.

The Uniform Dial Plan (UDP), ARS, and RNX forms that must be completed are shown in Figures 5-25 through 5-38.

Administration

Optional Distributed Communications System (DCS) software is required before this feature and associated DCS features can be activated.

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Dial Plan	All	2-15, 6-73	7-62
RNX Translation Table	All	2-23	7-138
Tie Trunk Group	All	2-93	7-145
Routing Patterns	All	2-24	7-139
DS1 Circuit Pack	All	6-86	7-75
Synchronization Plan	All	6-176	7-140
Interface Data Module	All	6-139	7-106
Interface Links	Interface Links (assign DCS links)	6-141	7-110
Processor Channel Assignment	All Proc Chan fields to be assigned DCS	6-163	7-127
Hop Channel Assignments	(as required)	6-116	7-90

- **Dial Plan Form—Complete all fields to assign a 4- or 5-digit number for DCS and complete all applicable fields for Uniform Dial Plan.**

Ž RNX Translation Table Form—Assign applicable patterns.

- **Tie Trunk Group Form—Provide data links (can be DS1 or tie trunks) and voice channels. If trunk group is used for voice, enter the required number. If the trunk group is used for DS1 signaling, enter one member in the trunk group. This one member is used to establish the link. It is the DS1 circuit pack.**

- **Routing Patterns Form—Assign routing patterns.**

- **DS1 Circuit Pack Form—Complete form. This form must be completed if the tie trunk is used for DCS signaling.**

- **Synchronization Plan Form—Complete form. This form must be completed if the tie trunk is used for DCS signaling. Assign a secondary circuit pack that the system can use if the primary circuit pack fails.**

- **Interface Data Module Forms (V3)—Assign up to four interface links using four Interface Data Module forms. The interface links are assigned by entering a physical channel number from 01 through 04 in the "Physical Channel" field. One interface-3 Data Module form must be completed for each interface link. If the system has an AP (V3), only three interface links can be used for DCS.**

- **Interface Links Form—Assign the DCS link numbers (1 through 4). Complete all sections of the form as required. Assign link 1 if connected to PIB on back of the control carrier XEV3).**

- **Processor Channel Assignment Form—Enter the DCS link numbers and then assign associated channel numbers to each link. Complete all sections of the form as required.**

- **Hop Channel Assignments Form—Identify the link numbers and associated channels that are to be assigned as "hop" channels in the DCS. Complete all sections of the form as required.**

Note: To provide 4- or 5-digit dial plan among a group of switches, refer to the UNIFORM DIAL PLAN feature and complete all forms as indicated.

Hardware Requirements

Requires a TN716 Interface 1 circuit pack, a TN738 Interface 2 circuit pack, and a TN719 Interface circuit pack if not already provided (V3) or a TN765 Processor Interface must be used for System 75 XE. DCS data link may be assigned to a vacant channel on a TN722 DS1 Tie Trunk circuit pack or a vacant port on TN754.

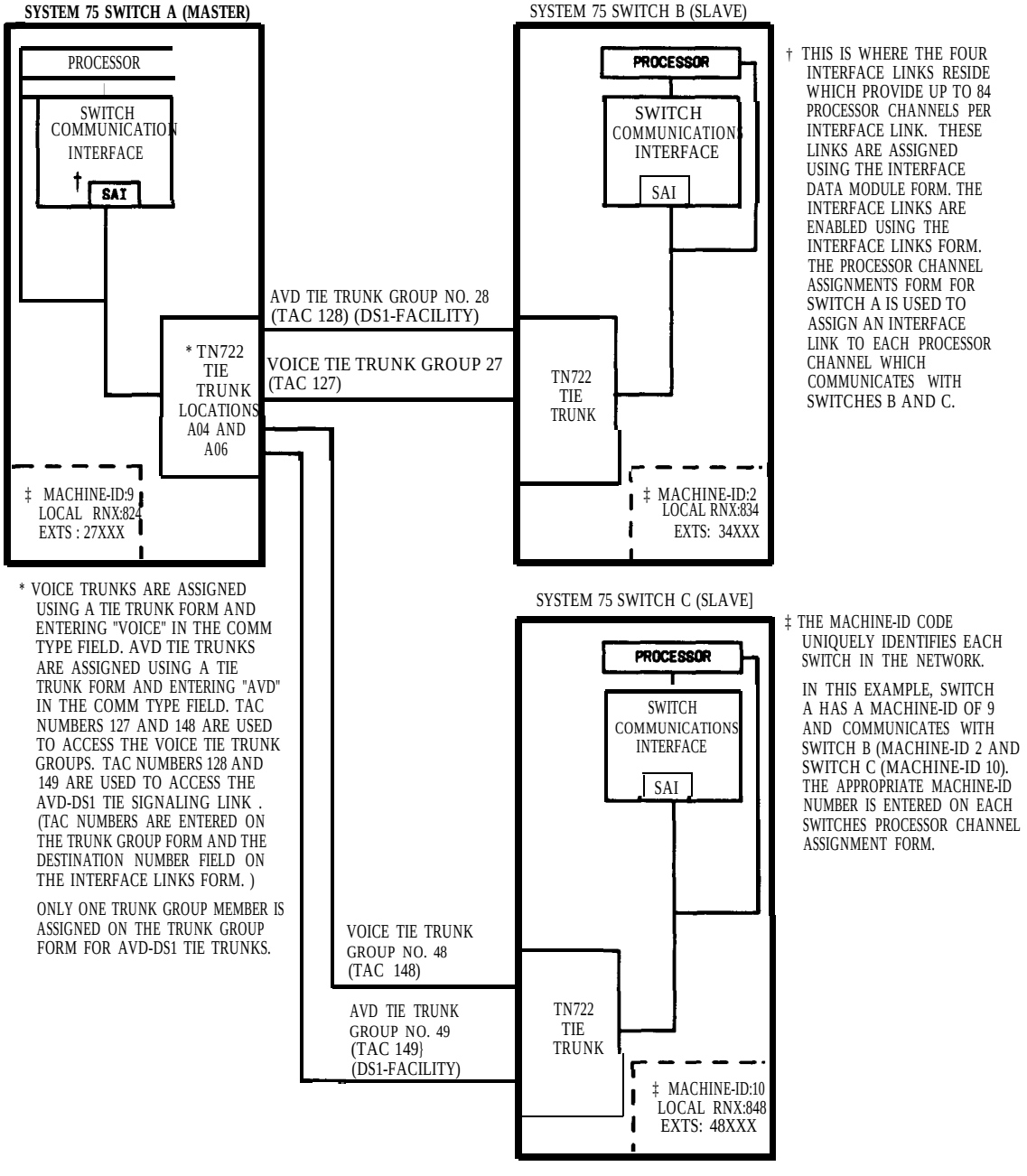


Figure 5-25. Distributed Communications System Using DS1 Facilities

Page 1 of 6

DIAL PLAN RECORD

Area Code: 201

ARS Prefix 1 Required? y

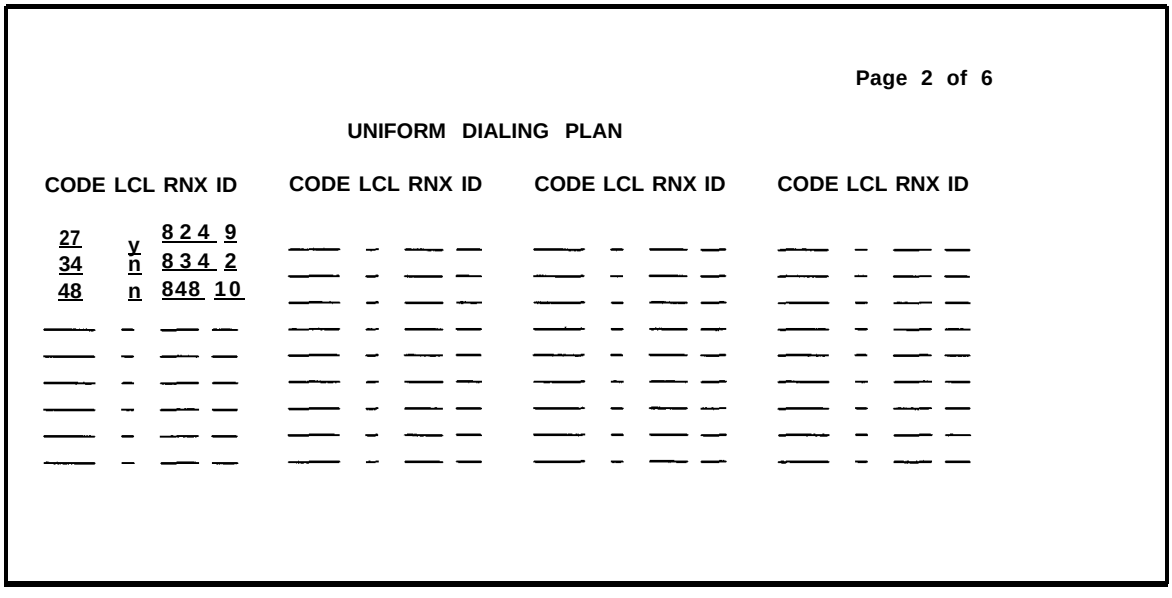
Uniform Dialing Plan? y

FIRST DIGIT TABLE

Length _

First Digit	-1-	-2-	-3-	-4-	-5-	-6-
1			tac			
2					extension	
3					extension	
4					extension	
5					extension	
6						
7						
8						
9						
0	attendant					
*		fac				
#		fac				

Figure 5-26. Dial Plan Form (Sheet 1 of 2)



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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID
27	y	824	9												
34	n	834	2												
48	n	848	10												

Figure 5-26. Dial Plan Form (Sheet 2 of 2)

Page 1 of 1

RNX TABLE: 820

Partitioned Group Number: 1

R20: 254 R30: 254 R40: 254 R50: 254 R60: 254 R70: 254 R80: 254 R90: 254

R21: 254 R31: 254 R41: 254 R51: 254 R61: 254 R71: 254 R81: 254 R91: 254

R22: 254 R32: 254 R42: 254 R52: 254 R62: 254 R72: 254 R82: 254 R92: 254

R23: 254 R33: 254 R43: 254 R53: 254 R63: 254 R73: 254 R83: 254 R93: 254

R24: 254 R34: 34 R44: 254 R54: 254 R64: 254 R74: 254 R84: 254 R94: 254

R25: h 4 R35: 254 R45: 254 R55: 254 R65: 254 R75: 254 R85: 254 R95: 254

R26: 254 R36: 254 R46: 254 R56: 254 R66: 254 R76: 254 R86: 254 R96: 254

R27: 254 R37: 254 R47: 254 R57: 254 R67: 254 R77: 254 R87: 254 R97: 254

R28: 254 R38: 48 R48: 254 R58: 254 R68: 254 R78: 254 R88: 254 R98: 254

R29: 254 R39: 254 R49: 254 R59: 254 R69: 254 R79: 254 R89: 254 R99: 254

Figure 5-27. RNX Translation Form

```
                         TRUNK GROUP                    Page 1 of 5

   Group Number: 27             Group Type: tie       SMDR Reports? y

     Group Name: TIE TO SWITCH B     COR : _                  TAC: 127

      Direction: two-way  Outgoing Display? ____   Data Restriction? _

   MIS Measured? _____

    Dial Access? _____     Busy Threshold: _       Night Service: _____

   Queue Length: _____     Internal Alert? _  Incoming Destination: _____

      Comm Type: voice          Auth Code? __

   TRUNK PARAMETERS

   Trunk Type(in/out): wink/wink    Incoming Rotary Timeout(sec): _

   Outgoing Dial Type: _______               Incoming Dial Type: _____

                                      Disconnect Timing(msec): _____

      Digit Treatment: _________                         Digits: _____

         Used for DCS? Y       PBX ID: 2

        ACA Assignment? ___

             Baud Rate: _      Synchronization: _____      Duplex: _

   Incoming Dial Tone? ___                    Maintenance Tests? ____

Answer Supervision Timeout: _             Suppress # Outpulsing? _____
```

Figure 5-28. DCS Voice Tie Trunk Group Number 27 Assignments From Switch A to Switch B (Sheet 1 of 2)

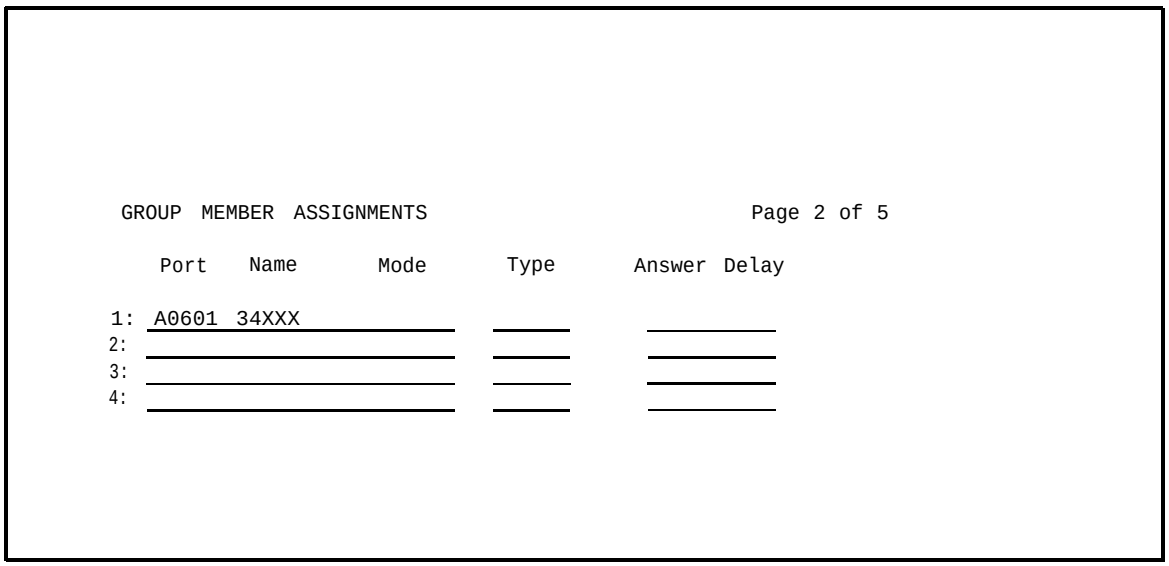


Figure 5-28. DCS Voice Tie Trunk Group Number 27 Assignments From Switch A to Switch B (Sheet 2 of 2)

```
                              TRUNK GROUP                    Page 1 of 5

      Group Number: 48              Group Type: tie      SMDR Reports? ___

        Group Name: TIE TO SWITCH C      COR : _                  TAC: 148

         Direction: two-way  Outgoing Display? _      Data Restriction? _

      MIS Measured? _

       Dial Access? __          Busy Threshold: _          Night Service: _____

      Queue Length: _           Internal Alert? __  Incoming Destination: _____

         Comm Type: voice             Auth Code? _


      TRUNK PARAMETERS

      Trunk Type(in/out): wink/wink   Incoming Rotary Timeout(sec): ______

      Outgoing Dial Type: ________                 Incoming Dial Type: ______

                                              Disconnect Timing(msec): _____

         Digit Treatment: __________                          Digits: _____

            Used for DCS? y       PBX ID: 10

          ACA Assignment? _

               Baud Rate: _      Synchronization: ______       Duplex: _

      Incoming Dial Tone? __                      Maintenance Tests? __

Answer Supervision Timeout: _                  Suppress # Outpulsing? _
```

Figure 5-29. DCS Voice Tie Trunk Group Number 48 Assignments From Switch A to Switch C (Sheet 1 of 2)

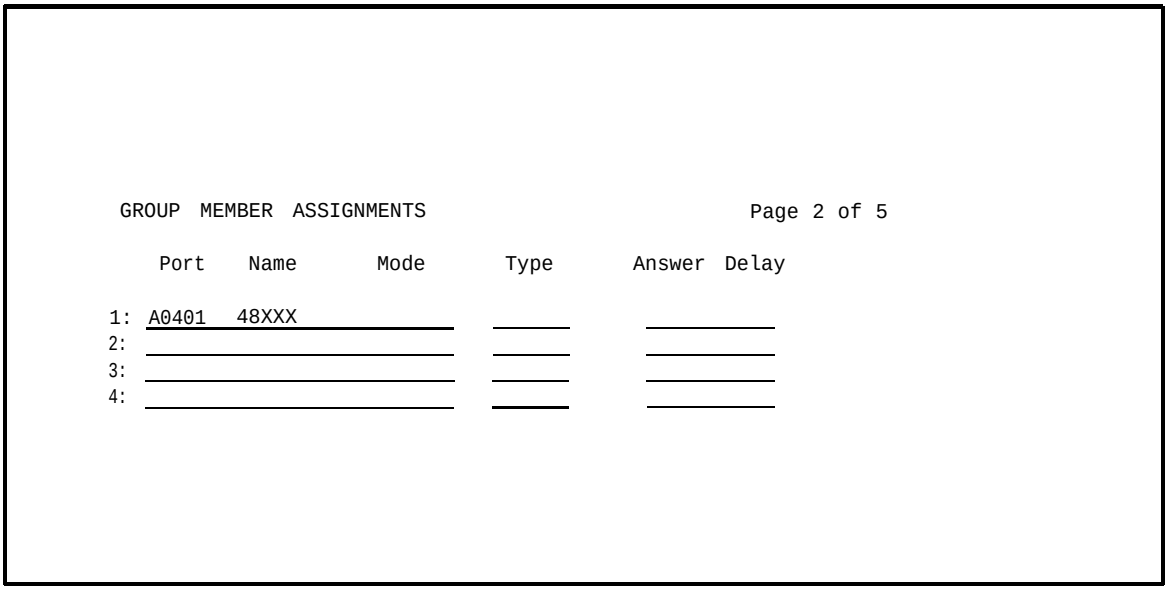


Figure 5-29. DCS Voice Tie Trunk Group Number 48 Assignments From Switch A to Switch C (Sheet 2 of 2)

```
                         TRUNK GROUP                   Page 1 of 5

     Group Number: 28              Group Type: tie      SMDR Reports? ___

       Group Name: DCS SIG TO SWITCH B   COR : _               TAC: 128

        Direction: two-way  Outgoing Display? _     Data Restriction? _

     MIS Measured?  ___

     Dial Access?  ___        Busy Threshold: _      Night Service: 27100

     Queue Length: __        Internal Alert? ___  Incoming Destination: 27100

        Comm Type: avd               Auth Code? ___

     TRUNK PARAMETERS

     Trunk Type(in/out): auto/auto    Incoming Rotary Timeout(sec): _____

     Outgoing Dial Type: ________            Incoming Dial Type: ______

                                        Disconnect Timing(msec): ______

        Digit Treatment: __________                     Digits: ______

           Used for DCS? n

         ACA Assignment? __

              Baud Rate: _____   Synchronization: _____    Duplex: __

      Incoming Dial Tone? ___                Maintenance Tests? __

Answer Supervision Timeout: _             Suppress # Outpulsing? __
```

Figure 5-30. DCS AVD DS1 Signaling Trunk Group Number 28 Assignments From Switch A to Switch B (Sheet 1 of 2)

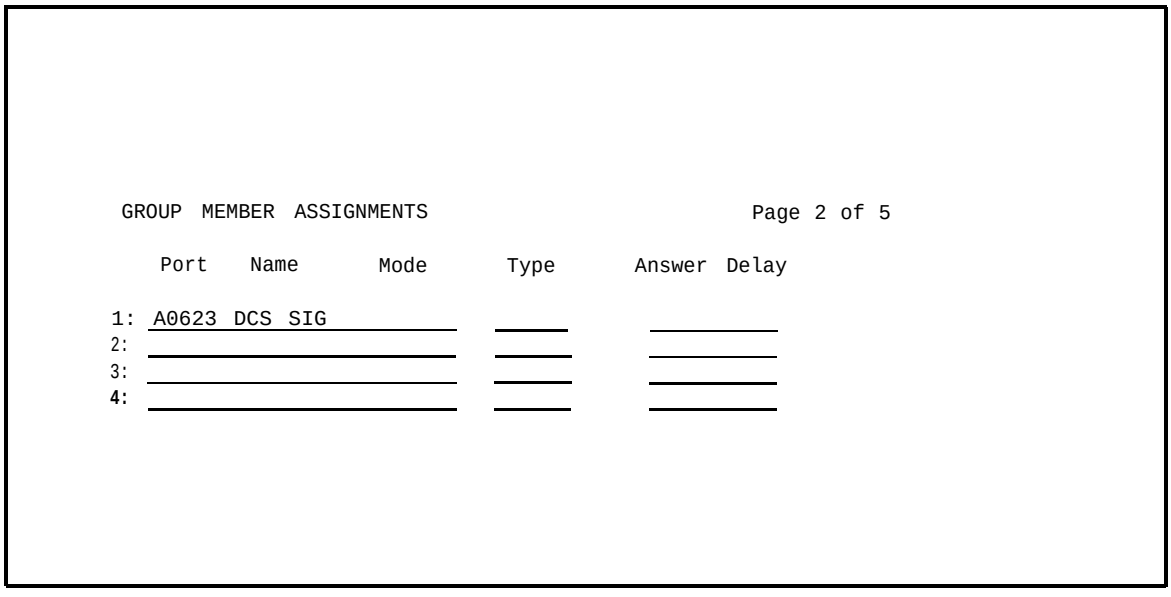


Figure 5-30. DCS AVD DS1 Signaling Trunk Group Number 28 Assignments From Switch A to Switch B (Sheet 2 of 2)

```
                              TRUNK GROUP                    Page 1 of 5

       Group Number: 49              Group Type: tie      SMDR Reports? _

         Group Name: DCS SIG TO SWITCH C   COR : _                TAC: 149

            Direction: two-way  Outgoing Display? _      Data Restriction? _

       MIS Measured? _____

        Dial Access? _____       Busy Threshold: _          Night Service: 27102

       Queue Length: _____       Internal Alert? __  Incoming Destination: 27102

          Comm Type: avd          Auth Code?  ___

       TRUNK PARAMETERS

       Trunk Type(in/out): auto/auto    Incoming Rotary Timeout(sec):

       Outgoing Dial Type: _________                Incoming Dial Type: ______

                                                 Disconnect Timing(msec): ____

          Digit Treatment: __________                          Digits: _______

             Used for DCS? n

           ACA Assignment? ____

                Baud Rate: _____    Synchronization: _____      Duplex: ______

       Incoming Dial Tone? ____                    Maintenance Tests? _

Answer Supervision Timeout: _                   Suppress # Outpulsing? ___
```

Figure 5-31. DCS DS1 AVD Signaling Trunk Group Number 49 Assignments From Switch A to Switch C (Sheet 1 of 2)

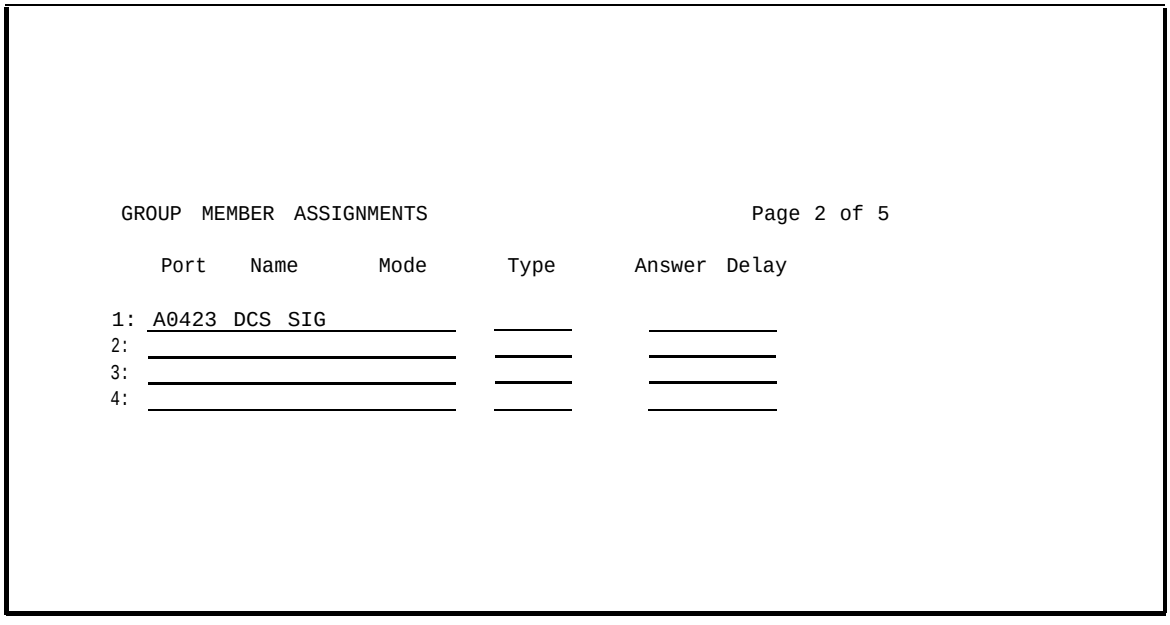


Figure 5-31. DCS DS1 AVD Signaling Trunk Group Number 49 Assignments From Switch A to Switch C (Sheet 2 of 2)

ROUTING PATTERN

Pattern Number: 34

PATTERN ASSIGNMENTS (Enter Up To 6)

	Grp. No.	FRL	NPA	Prefix Mark	Thboll List	No. Del Digits	Inserted Digits
1.	27	7				3	
2.							
3.							
4.							
5.							
6.							

Figure 5-32. Routing Pattern for Trunk Group Number 27 From Switch A to Switch B

ROUTING PATTERN

Pattern Number: 48

Pattern Assignments (Enter Up To 6)

	Grp. No.	FRL	NPA	Prefix Mark	Toll List	No. Del Digits	Inserted Digits
1.	48	7				3	3
2.							
3.							
4.							
5.							
6.							

Figure 5-33. Routing Pattern for Trunk Group Number 48 From Switch A to Switch C

```
                                                          Page 1 of 1


                          DS1 CIRCUIT PACK

          Location: A06                          Name : DCS TO SWITCH B
 Line Compensation: 1              Zero Code Suppression: b8zs
      Framing Mode: esf                    Signaling Mode: common-chan
           DMI-BOS? n

                        MAINTENANCE PARAMETERS

    Slip Detection? n             Remote Loop-Around Test? n
```

```
                                                          Page 1 of 1

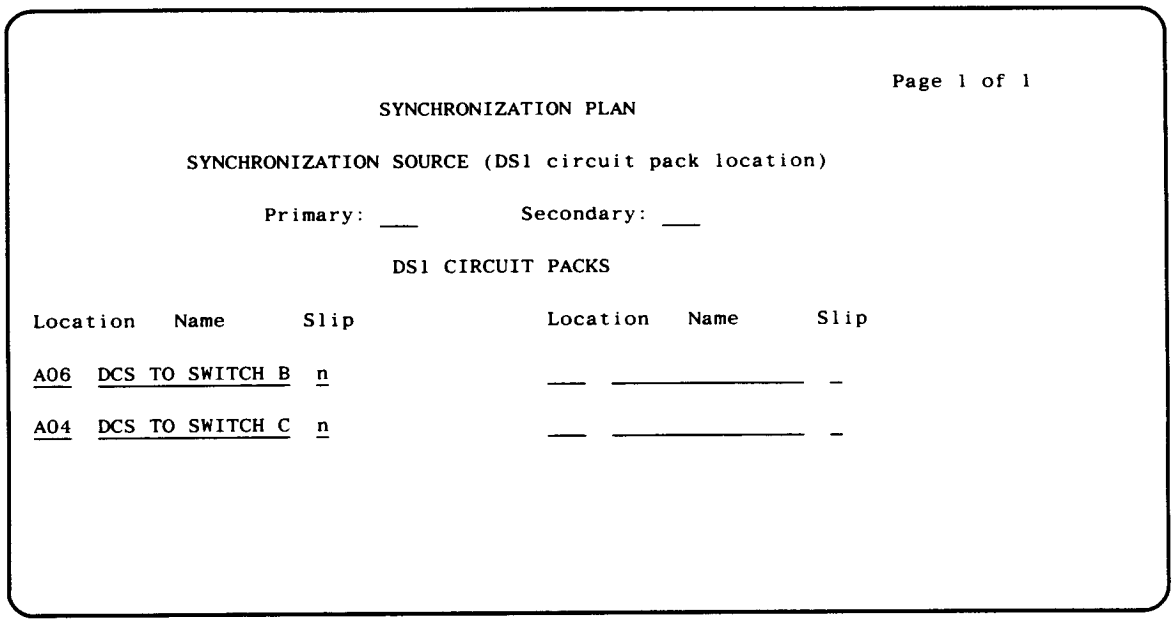

                          DS1 CIRCUIT PACK

          Location: A04                          Name: DCS TO SWITCH C
 Line Compensation: 1              Zero Code Suppression: b8zs
      Framing Mode: esf                    Signaling Mode: common-chan
           DMI-BOS? n

                        MAINTENANCE PARAMETERS

    Slip Detection? n             Remote Loop-Around Test? n
```

Figure 5-34. DS1 Circuit Pack Administration Form for Circuit Packs in Location A04 and A06



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SYNCHRONIZATION PLAN

SYNCHRONIZATION SOURCE (DS1 circuit pack location)

Primary: ___ Secondary: ___

DS1 CIRCUIT PACKS

Location	Name	Slip	Location	Name	Slip
A06	DCS TO SWITCH B	n	___	_____	_
A04	DCS TO SWITCH C	n	___	_____	_

Figure 5-35. Synchronization Plan Form for DSI Circuit Packs A06 and A04

```
                                                          Page 1 of 1

                              DATA MODULE

     Data Extension: 27100              Type: interface   Physical Channel: 01

               Name: DCS-LINK TO        COS: __                    COR: __
                     SWITCH B

ABBREVIATED DIALING

  List1: ____________

HOT LINE DESTINATION
         Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

          Ext     Name                          Ext     Name

      1:                                    3:

      2:                                    4:
```

```
                                                          Page 1 of 1

                              DATA MODULE

     Data Extension: 27102              Type: interface   Physical Channel: 03

               Name: DCS-LINK TO        COS: __                    COR: __
                     SWITCH C

ABBREVIATED DIALING

  List1: ____________

HOT LINE DESTINATION
         Abbreviated Dialing Dial Code (from above list): __

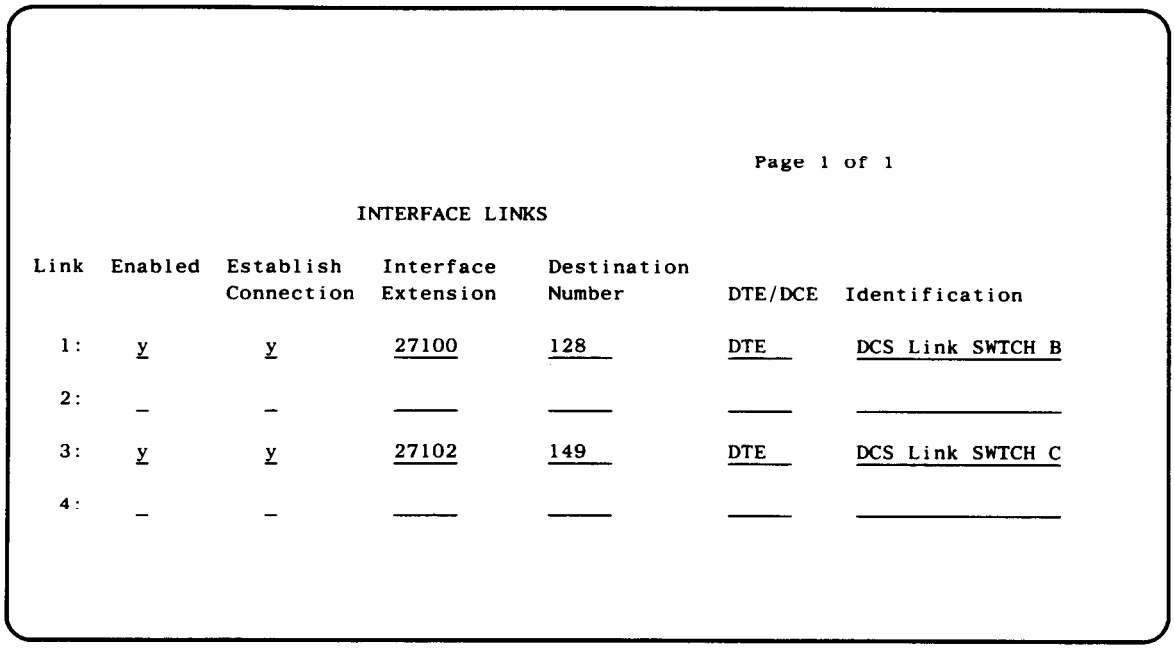
ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

          Ext     Name                          Ext     Name

      1:                                    3:

      2:                                    4:
```

Figure 5-36. Interface Data Module Form Used to Assign Interface Links 1 and 3 From Switch A To Switches B andC

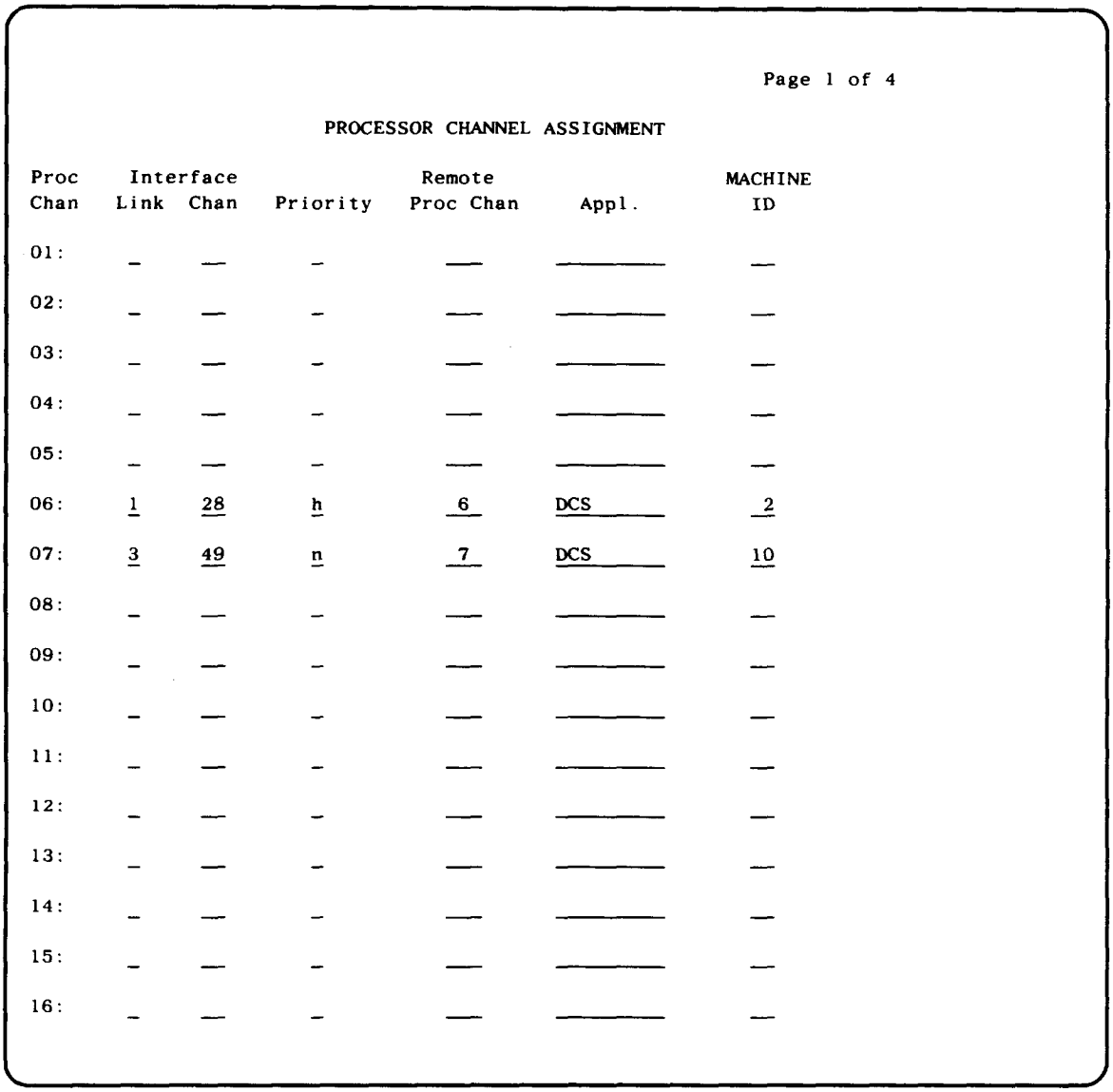


Page 1 of 1

INTERFACE LINKS

Link	Enabled	Establish Connection	Interface Extension	Destination Number	DTE/DCE	Identification
1:	y	y	27100	128	DTE	DCS Link SWTCH B
2:	_	_	_____	_____	_____	_____
3:	y	y	27102	149	DTE	DCS Link SWTCH C
4:	_	_	_____	_____	_____	_____

Figure 5-37. Interface Links Form Used To Assign DCS Links From Switch A To Switches B and C



Page 1 of 4

PROCESSOR CHANNEL ASSIGNMENT

Proc Chan	Interface Link	Interface Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
01:	_	__	_	__	_____	__
02:	_	__	_	__	_____	__
03:	_	__	_	__	_____	__
04:	_	__	_	__	_____	__
05:	_	__	_	__	_____	__
06:	1	28	h	6	DCS	2
07:	3	49	n	7	DCS	10
08:	_	__	_	__	_____	__
09:	_	__	_	__	_____	__
10:	_	__	_	__	_____	__
11:	_	__	_	__	_____	__
12:	_	__	_	__	_____	__
13:	_	__	_	__	_____	__
14:	_	__	_	__	_____	__
15:	_	__	_	__	_____	__
16:	_	__	_	__	_____	__

Figure 5-38. Processor Channel Assignments for Interface Links 1 and 3

DCS Alphanumeric Display for Terminals

Allows calls to or from terminals equipped with alphanumeric displays to have transparency with respect to the display of call-related information,

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Tie Trunk Group (DCS TG)	Outgoing Display	2-93	7-145

- **Tie Trunk Group Form—Enter "n" in the Outgoing Display Field of the DCS Tie Trunk Group forms. This enables the called party's name to be displayed at the calling terminal.**

Hardware Requirements

AP/DCS interface hardware is required.

DCS Attendant Control of Trunk Group Access

Allows an attendant at any node in the DCS to exercise control over an outgoing trunk group at a different node in the cluster.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Feature Button Assignments -act-tr-grp -deact-tr-g	6-15	7-37

- **Attendant Console Form—Assign Attendant Control of Trunk Group Access Activate (act-tr-grp) and Attendant Control of Trunk Group Access Deactivate (deact-tr-g) buttons if not already assigned.**

Hardware Requirements

AP/DCS interface hardware is required.

DCS Attendant Direct Trunk Group Selection

Allows attendants at one node to have direct access to an idle outgoing trunk at a different node in the DCS.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Direct Trunk Group Select Button Assignments (1-12)	6-15	7-37

- **Attendant Console Form—Assign up to 12 buttons in the "Direct Trunk Group Buttons (Access Code)" section if not already assigned.**

Hardware Requirements

AP/DCS interface hardware is required.

DCS Attendant Display

Provides some transparency with respect to the display of call-related information.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM iNSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Display Module Button Assignments (1-8)	6-15	7-37

- **Attendant Console Form—Assign up to eight buttons in the "Display Module Button Assignment" section if not already assigned.**

Hardware Requirements

AP/DCS interface hardware is required.

DCS Automatic Callback

Allows a user at one node to make an automatic callback call to a user at another node in the DCS.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	Automatic Callback—No Answer Timeout Interval	6-105	7-81
Feature Access Codes	Automatic Callback Activation Automatic Callback Deactivation	6-89	7-76
Station (multi-appearance)	Button/Feature Button Assignments -auto-cback	6-181 to 6-390	7-151 to 7-186
Class of Service	Automatic Callback (O-15)	6-53	7-53

- **Feature Related System Parameters Form—Specify callback time-out interval in the "Automatic Callback—No Answer Timeout Interval (rings)" section.**
- **Feature Access Codes Form—Verify "Automatic Callback Activation and Deactivation" sections have been assigned.**
- **Station Forms—Assign Automatic Callback (auto-cback) buttons to multi-appearance voice terminals, as desired.**
- **Class of Service Form—Verify "Automatic Callback" section has the correct permission.**

Hardware Requirements

Requires a TN716 Interface 1 circuit pack, a TN738 Interface 2 circuit pack, and a TN719 Interface circuit pack if not already provided (V3) or a TN765 Processor Interface must be used for System 75 XE. DCS data link may be assigned to a vacant channel on a TN722 DS1 Tie Trunk circuit pack or a vacant port on TN754.

DCS Automatic Circuit Assurance

Allows a voice terminal user or attendant at a System 75 node to activate or deactivate Automatic Circuit Assurance (ACA) referral calls for the entire DCS network. This transparency also allows the referral calls to be generated at a node other than the node that detects the problem.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	ACA Referral Calls	6-105	7-81

- **Feature Related System Parameters Form—Determine if ACA referral calls are to be "local," "remote," or "primary."**
  - **— If administered as local, referral calls are generated at the System 75 node for that System 75 node.**
  - **— If administered as remote, referral calls are generated at a remote node for the System 75 node. In this case, the remote node PBX identification must also be entered.**

    Note: This remote PBX id is the same PBX id as defined on the Dial Plan on Page 5-79.
  - **— If administered as primary, referral calls are made at the System 75 node for a remote node and for that System 75 node.**

Hardware Requirements

Requires a TN716 Interface 1 circuit pack, a TN738 Interface 2 circuit pack, and a TN719 Interface circuit pack if not already provided (V3) or a TN765 Processor Interface must be used for System 75 XE. DCS data link may be assigned to a vacant channel on a TN722 DS1 Tie Trunk circuit pack or a vacant port on TN754.

DCS Busy Verification of Terminals and Trunks

Allows attendants and multi-appearance voice terminal users to make test calls to voice terminals and trunk groups that are located at other nodes within the DCS.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Feature Button Assignments -verify	6-15	7-37
Station (multi-apperance)	Button/Feature Button Assignments -verify	6-181 to 6-390	7-151 to 7-186

- **Attendant Console Form—Assign a “verify” button.**
- **Station Forms—Assign a “verify” button per multi-appearance voice terminal.**

Hardware Requirements

Requires a TN716 Interface 1 circuit pack, a TN738 Interface 2 circuit pack, and a TN719 Interface circuit pack if not already provided (V3) or a TN765 Processor Interface must be used for System 75 XE. DCS data link may be assigned to a vacant channel on a TN722 DS1 Tie Trunk circuit pack or a vacant port on TN754.

DCS Call Forwarding—All Calls

Allows all calls to an extension number to be forwarded to a selected extension number within the DCS network or to an external (off-premises) number. This feature is activated or deactivated by dial access code or by a Call Forwarding button. The feature can be activated or deactivated only by voice terminal users within the DCS.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Call Forwarding Activation Call Forwarding Deactivation	6-89	7-76
Station	Redirect Notification Button/Feature Button Assignments -call-fwd	6-181 to 6-390	7-151 to 7-186
Class of Service	Call Fwd-All Calls (O-15)	6-53	7-53

- **Feature Access Codes Form—Verify "Call Forwarding Activation and Deactivation" access codes have been assigned.**
- **Station Forms—Complete "Redirect Notification" section (which causes the forwarding terminal to receive a half ring on calls that forward). This field is common to Call Coverage and Call Forwarding.**
- **Station Forms—Assign a "Call Forwarding" (call-fwd) button.**
- **Class of Service Form—Verify "Call Forwarding" section has the correct permission.**

Hardware Requirements

Requires a TN716 Interface 1 circuit pack, a TN738 Interface 2 circuit pack, and a TN719 Interface circuit pack if not already provided (V3) or a TN765 Processor Interface must be used for System 75 XE. DCS data link may be assigned to a vacant channel on a TN722 DS1 Tie Trunk circuit pack or a vacant port on TN754.

DCS Leave Word Calling

Enables System 75 terminal users to leave preprogrammed "call me" messages at other terminals within the DCS network. Messages can be left by calling, called, or covering users.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	Max. Number Of Messages Per Station Stations With System-wide Message Retrieval Permission	6-105	7-81
Feature Access Codes	LWC Message Retrieval Lock LWC Message Retrieval Unlock LWC Send A Message LWC Cancel A Message	6-89	7-76
Station	LWC Reception LWC Activation Button/Feature/Button Assignments -lwc-store -lwc-cancel -aut-msg-wt (Ext:—) -msg-retr -delete-msg -lwc-lock -next -call-disp -cov-msg-rt	6-181 to 6-390	7-151 to 7-186

(Continued on next page.)

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Feature Button Assignments -cov-msg-rt -delete-msg -next -lwc-cancel -call-disp -lwc-store -aut-msg-wt (Ext:__)	6-15	7-37

- Feature Related System Parameters Form—Complete the "Maximum Number of Messages Per Station" and "Stations with System-wide Retrieval Permission" sections.
- Feature Access Codes Form—Verify or assign the following access codes:
  - "Leave Word Calling Message Retrieval Lock" section
  - "Leave Word Calling Message Retrieval Unlock" section
  - "Leave Word Calling Send a Message" section
  - "Leave Word Calling Cancel a Message" section
- Station Forms—Complete the "LWC Reception" and "LWC Activation" sections (which specify if the voice terminal can receive and/or activate LWC messages, respectively).
  - Assign a Leave Word Calling (lwc-store) button, if desired.
  - Assign a Cancel (lwc-cancel) button, if desired, to allow a calling party to cancel a previously left message.
- Attendant Console Form or the Station Form—For each voice terminal or attendant console group that can retrieve LWC messages, optionally assign the following buttons:
  - Message Retrieve (msg-retr) to access one's own messages—voice terminals only
  - Covr Msg Retrieval (cov-msg-rt) to access another user's message
  - Delete Message (delete msg) to remove a retrieved message

— Lock LWC (lwc-lock) displays locked or unlocked status of the Message Retrieval

— Next (to retrieve the next stored message)

— Cancel LWC (lwc cancel) to allow canceling a previously left message

— Message name or extension # (aut-msg-wt) used for voice terminal users who monitor another user's messages

Note: Buttons can be assigned on the visual display module or in the "features area" of the terminal or console. If a Message Retrieval or a Coverage Message Retrieval button is specified, a Next Message and a Delete Message button should also be specified. These button assignments are covered in the ATTENDANT DISPLAY and VOICE TERMINAL DISPLAY features.

Hardware Requirements

Requires a TN716 Interface 1 circuit pack, a TN738 Interface 2 circuit pack, and TN719 Interface circuit pack if not already provided (V3) or a TN765 Processor Interface must be used for System 75 XE. DCS data link may be assigned to a vacant channel on a TN722 DS1 Tie Trunk circuit pack or a vacant port on TN754.

DCS Trunk Group Busy/Warning Indication

Provides attendants with a visual indication that the number of busy trunks in a remote group has reached an administered level. A visual indication is also provided when all trunks in a trunk group are busy.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Direct Trunk Group Select Button Assignments (1-6)	6-15	7-37
Trunk Groups:	Busy Threshold		
Access		2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148

- **Attendant Console Form—Trunk group must be assigned to one of the first six "Direct Trunk Group Button Assignments (Access Codes)" on the console. For more information, see ATITENDANT DIRECT TRUNK GROUP SELECTION in this section.**
- **Trunk Groups Forms—Assign "Busy Threshold" (Warning) section.**

Hardware Requirements

AP/DCS interface hardware is required.

Do Not Disturb

Allows guests, attendants, and authorized front desk voice terminal users to request that no calls, other than priority calls, terminate at a particular extension number until a specified time. At the specified time, the system automatically deactivates the feature and allows calls to terminate normally at the extension.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Button/Feature Assignment -dn-dst -ext-dn-dst -grp-dn-dst	6-15	7-37
Station	Button/Feature Assignment -dn-dst -ext-dn-dst -grp-dn-dst	6-181 to 6-390	7-151 to 7-186
Feature Access Codes for Hospitality Features	Voice Do Not Disturb Access Code	6-89	7-76
Feature Related System Parameters	Controlled Termination Restriction (Do Not Disturb)	6-105	7-81

- **Attendant Console Form—Assign do not disturb buttons to the 24-Button Feature Area.**
- **Station Forms—Assign dn-dst button to MET terminals, 7303S, 7305S, 515, 7404D, 7405D, and 7407D voice terminals. Assign ext-dn-dst and grp-dn-dst buttons to 515, 7405D, and 7407D voice terminals.**
- **Feature Access Codes for Hospitality Features Form—Assign a feature access code to the Voice Do Not Disturb Access Code field.**
- **Feature Related System Parameters Form—Assign the type of intercept treatment the caller will receive when the call is placed to a termination restricted voice terminal.**

Hardware Requirements

A TN725B Voice Synthesizer circuit pack is required if voice prompting is used. Each circuit pack has four ports to provide voice prompting.

DS1 Tie Trunk Service

Provides for three types of digital trunk interfaces: Voice-Grade DS1, Data Grade DS1, and Alternate Voice/Data (AVD) tie trunks. The Voice-Grade DS1 tie trunks are an alternative to 4-wire analog E&M tie trunks and may be used to interface with other properly-equipped switching systems. AVD DS1 tie trunks permit alternate voice and data calling between System 75s and System 85.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
DS1 Circuit Pack	All	6-86	7-75
Trunk Group			
Access	All	2-32	7-30
RLT		2-80	7-134
Tie		2-93	7-145
Synchronization Plan	All	6-176	7-140

- **DS1 Circuit Pack Form—Assign the circuit pack to the system before the administration of the associated trunks**
- **Trunk Group Forms—Associate the trunks to groups, if desired—Access, APLT, DMI, Release Link, Tandem, and Tie Trunk Group forms.**
- **Synchronizaiton Plan Form—Complete all sections.**

Hardware Requirements

One TN722 or TN722B DS1 Tie Trunk circuit pack is required for each 24 DS1 tie trunks administered. A TN741 Tone Generator/Clock circuit pack is required to provide synchronization for the DS1 tie trunks.

EIA Interface

Provides an alternative to Digital Terminal Data Modules (DTDMs) and Modular Processor Data Modules (MPDMs), within the system hardware, for interconnection between RS-232 compatible Digital Terminal Equipment (DTE) and the system. The EIA Interface consists of a Data Line circuit pack port and an Asynchronous Data Unit (ADU).

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station (multi-appearance)	Button/Feature Button Assignments -data-ext (Ext:_)	6-181 to 6-390	7-151 to 7-186
Data Line Data Module	All	6-57	7-60

- **Station Forms—Assign Data Extension (data-ext) buttons to multi-appearance voice terminals.**
- **Data Line Data Module Form—Assign a vacant port and complete the Capabilities and Options sections.**

Hardware Requirements

Requires an ADU and a port on a TN726 Data Line circuit pack for each interface to be provided. A TN726 provides eight ports.

Emergency Access to the Attendant

Provides for emergency calls to be placed to an attendant. These calls can be placed automatically by the system or can be dialed by system users. Such calls can receive priority handling by the attendant.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Service	Off-Hook Alert	6-53	7-53
Feature Related System Parameters	Emergency Access Queue Length	6-105	7-81
	Time Before Off-Hook Alert		
	Redirection Extension on Full Emergency Access Queue		
Hospitality-Related System Parameters	Time of Scheduled Emergency Access Activity Report	6-119	7-92
	Extension of Journal/Schedule Printer		
Attendant Console	Feature or Button Assignment -em-acc-att	6-15	7-37
Feature Access Codes for Hospitality Features	Emergency Access To Attendant Access Code	6-89	7-76

- **Class of Service Form—Assign correct permission to access Off-Hook Alert.**
- **Feature Related System Parameters Form—Assign the number of calls that can go in the emergency queue. Assign the time, in seconds, a voice terminal with an off-hook alert class of service can remain off-hook before an emergency call for the voice terminal is sent to the attendant. Assign the extension number where emergency queue overflow will redirect.**
- **Hospitality-Related System Parameters Form—Assign time for scheduled emergency access activity report.**
- **Attendant Console Form—Assign emergency access button (em-acc-att).**
- **Feature Access Codes for Hospitality Features Form—Assign access code to the Emergency Access To Attendant Access Code field.**

Hardware Requirements

Requires a modified attendant console equipped with emergency tone.

Facility Busy Indication

Provides multi-appearance voice terminal users with a visual indication of the busy or idle status of an extension number, a trunk group, terminating extension group, a hunt group (Direct Department Calling or Uniform Call Distribution group), or any loudspeaker paging zone, including all zones. The Facility Busy Indication button provides the voice terminal user direct access to the extension number, trunk group, or paging zone.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUCTIONS (PAGE #)	BLANK FORM (PAGE #)
Station (multi-appearance)	Button/Feature Button Assignments —busy-ind	6-181 to 6-390	7-151 to 7-186
Attendant Console	Feature Button Assignments —busy-ind	6-15	7-37

- **Station Forms—Assign "busy-ind" to a voice terminal button.**
- **Attendant Console Form—Assign "busy-ind" to a button in the "Feature Button Assignments" section.**

Hardware Requirements

None.

Facility Restriction Levels and Traveling Class Marks

Provides up to eight levels of restriction for users of the Automatic Alternate Routing (AAR) and/or Automatic Route Selection (ARS) features.

Administration

Optional Private Network Access (PNA) or ARS software is required before this feature can be activated.

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	FRL	6-50	7-52
Routing Patterns	FRL (O-7)	2-24	7-139

- **Class of Restriction Form—Assign originating FRLs.**
- **Routing Patterns Form—Assign terminating FRLs.**

Guidelines and Examples

The examples given here are designed to help understand FRLs and to illustrate some of the practical aspects of FRLs. These are, however, only examples. In reality, each system must be administered to meet individual needs.

The FRL assigned to the facility answering a call is not checked. Terminating-side FRLs apply to trunk groups only. This simplifies assignments. At each switch, the trunk groups available to handle a given call must be listed in the preferred order within the Routing Pattern. The most-preferred choice must be at the top of the list. Up to six choices can be specified. Now the relative value of access to each of the listed trunk groups must be determined. This, of course, is specified via an FRL. On a scale of O through 7, the relative value is determined and assigned. Decisions are normally based on the cost of using the facility, although other criteria can be used. The same FRL value can be assigned to more than one trunk group if there is no reason to prefer one trunk group over the other.

If there will be users within the system who are not allowed to make outside calls, use some value other than O as the value for the first-choice trunk group. By assigning these users an FRL of O, none of the trunk groups can be accessed (since all trunk group FRLs will be greater than O). Such calls are denied.

Each Routing Pattern must be individually constructed. The same trunk group can be used in more than one pattern. The associated FRL is assigned within the pattern and is not associated with the trunk group itself. The same trunk group can have a different FRL in a different pattern.

Be consistent in FRL assignments. Do not use a range of O through 5 in one pattern and a range of 2 through 7 in another pattern if all users can access the first-choice route. Admittedly, the trunk group with an FRL of 2 may be more expensive than the trunk group with an FRL of O, but there is no real reason to assign a 2 to a trunk group that everyone can access. For ease of assignments, always use a O for such a trunk group.

There should be a class of restriction (COR) established for each FRL used in a Routing Pattern. The appropriate COR is then assigned to the users who can access the routes restricted by the FRL value. For example, a middle executive might be able to access all routes with an FRL of 5 or lower, whereas the president can access all routes. In this case, the executive is assigned a COR with an FRL of 5 and the president is assigned a COR with an FRL of 7.

Remote Access users can access the system's features and services the same as an on-premises user. FRL assignment is via Remote Access Barrier Codes. Up to 10 Barrier Codes, each with its own COR (and FRL), can be assigned. Although the COR defines other restrictions, 10 Barrier Codes are enough to also provide a range of FRL assignments. Assignment of Barrier Code FRLs is the same as if the user were on-premises. The simplest way to assign these FRLs is to duplicate the on-premises FRLs, and then merely relate the appropriate Barrier Code to those that will be using Remote Access.

FRLs apply only on ARS and AAR calls. If Station Message Detail Recording (SMDR) 15-digit account codes are used, the FRL field in the SMDR record is overwritten.

The following is an example of how FRLs can be assigned:

- **FRLO—NO outgoing calls.**
- **FRL1—Local calls only.**
- **FRL2—FRL1 plus the home area code calls using WATS.**
- **FRL3—FRL2 plus the use of local lines for all calls in the home area code.**
- **FRL4—FRL3 plus the calls to all of the U. S. A., using WATS only.**

FRL5—FRL4 plus the calls to all the of the U. S. A., using local lines.

- **FRL6—FRL5 plus the international calls.**
- **FRL7—Reserved for a spare.**

Hardware Requirements

None.

Facility Test Calls

Provides a voice terminal user with the capability of making test calls to access specific trunks, touch-tone receivers, time slots, and system tones. The test call is used to make sure the facility is operating properly. A local 'voice terminal user can make a test call by dialing an access code. An Initialization and Administration System (INADS) terminal user can also make test calls.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Facility Test Calls Access Code	6-89	7-76

- **Feature Access Codes Form—Assign the "Facility Test Calls Access Code. "**

Hardware Requirements

None.

Forced Entry of Account Codes

Requires users to dial an account code when making certain types of outgoing calls.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be Completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	Forced Entry of Account Codes for 0/1 Toll Calls	6-105	7-81
	SMDR Account Code Length		
Class of Restriction	Forced Entry of Account Codes	6-50	7-52

- **Feature Related System Parameters Form—Verify "y" is entered to indicate if an account code must be entered when making a toll call, and assign SMDR Account Code Length.**
- **Class of Restriction Form—Verify "y" is entered to indicate that an account code must be dialed when making a toll call.**

Hardware Requirements

None.

Foreign Exchange (FX) Trunk Group

A Foreign Exchange (FX) Trunk Group provides for trunk connections between the System 75 and a distant central office.

Administration

To assign an FX Trunk Group, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Foreign Exchange Trunk Group	All	2-70	7-87
Digit Absorption	All	6-81	7-67

- **Foreign Exchange Trunk Group Form—Complete all sections.**
- **Digit Absorption Form—If required, complete this form when the far-end office is a step-by-step office. The Digit Absorption List on the trunk group must reference the Digit Absorption List number entered on form.**

Hardware Requirements

A port is required on a TN747 CO Trunk circuit pack for each trunk to be assigned. A TN747 provides eight ports.

Go To Cover

Allows users, when making a call to another internal extension, to send the call directly to coverage.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Button/Feature Button Assignments -goto-cover	6-181 to 6-390	7-151 to 7-186

- **Station Forms—Assign a Go To Cover (goto-cover) button.**

Hardware Requirements

None.

Hold

Allows terminal users to disconnect from a call temporarily, use the voice terminal for other call purposes, and then return to the original code.

Administration

To administer this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Answer Hold-Unhold	6-89	7-76

- **Feature Access Codes Form—Assign an access code to the Answer Hold-Unhold field.**

Hardware Requirements

None.

Hot Line Service

Allows single-line voice terminal users, by simply lifting the handset, to automatically place a call to a preassigned extension number, public or private network telephone number, or feature access code.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station (single-line)	Hot Line Destination Number and Dial Code Abbreviated Dialing (List 1, 2, 3)	6-181 to 6-390	7-151 to 7-186
Abbreviated Dialing 7103A List	Dial Code (hot line destination)	6-12	7-29
Abbreviated Dialing System List	Dial Code (hot line destination)	6-10	7-26
Abbreviated Dialing Group List	Dial Code (hot line destination)	6-6	7-22
Abbreviated Dialing Personal List	Dial Code (hot line destination)	6-8	7-25
Abbreviated Dialing Enhanced List	Dial code (hot line destination)	6-2	7-2 to 7-20

- **Station Forms—Complete "Hot Line Destination" section to specify the list entry containing the Hot Line Destination. Complete "Abbreviated Dialing List 1, 2, 3."**
- **Abbreviated Dialing List Forms—Assign the Hot Line Destination to the Abbreviated Dialing list.**

Hardware Requirements

None.

Hunting

Checks for the active or idle status of extension numbers in one or more ordered groups. If all members of a group are active, the call can route to another group through Call Coverage or can wait in a queue for an available group member, if a queue is provided.

Refer to Direct Department Calling and Uniform Call Distribution (see page 5-104), and/or Call Coverage (see page 5-69). Hunting is implemented via these features, either singularly or in combination with each other.

Individual Attendant Access

Allows users to access a specific attendant console. Each attendant console can be assigned an individual extension number.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Extension and Name	6-15	7-37
Console Parameters	COR and COS	6-54	7-56

- **Attendant Console Form—Enter attendant extension and name. Assign optional Coverage and Make Busy buttons for Hunting and CAS Backup button for status indication.**
- **Console Parameters Form—Assign COR and COS.**

Hardware Requirements

None.

Information System Network (ISN) Interface

The AT&T ISN is a packet switched local area network that links mainframe computers, minicomputers, word processors, storage devices, personal computers, printers, terminals, and communications processors into a single system. The interface to System 75 is via an Asynchronous Data Unit (ADU). Also, future versions of the ISN will have integrated ADUs. Figure 5-39 shows an example of how to assign ISN using the TN726 Data Line circuit pack.

Administration

To administer this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Data Line Data Module	All	6-57	7-60

- **Data Line Data Module Form—Complete all sections.**

Hardware Requirements

One TN726 Data Line circuit pack is required for each ISN interface.

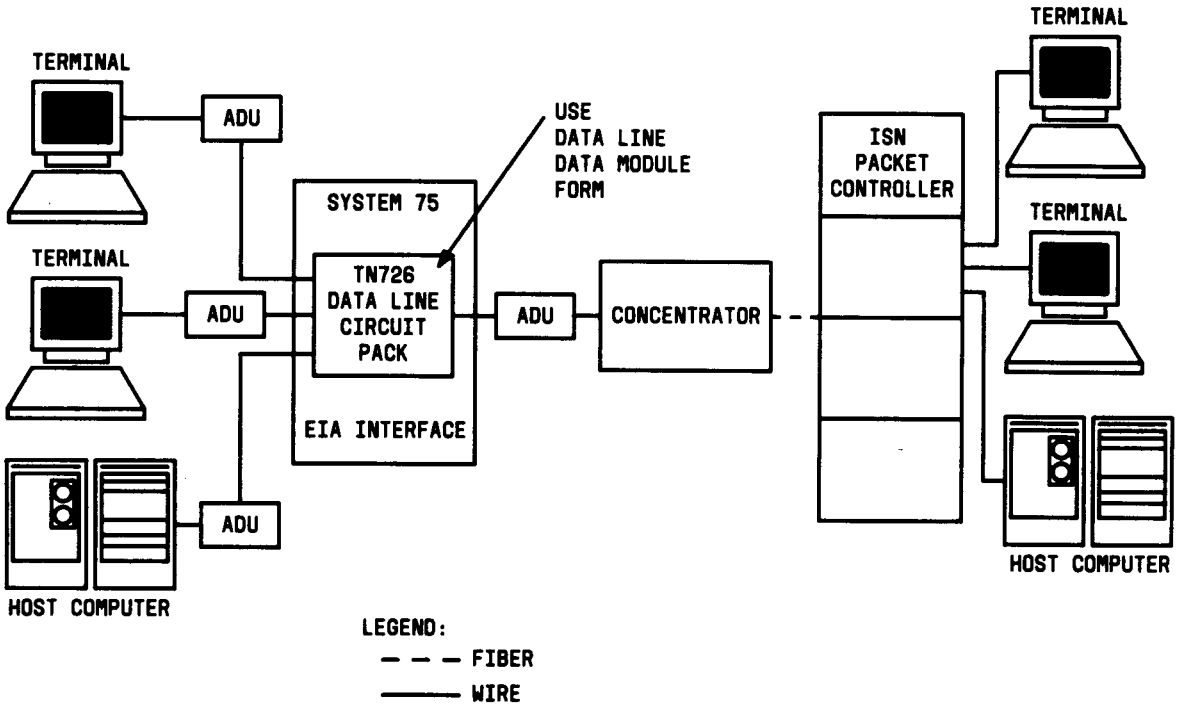


Figure 5-39. ISN Connection Using TN726 Data Line Circuit Pack

Initialization and Administration System (INADS)

Allows users from a remote location to access the System 75 and perform system administration and maintenance procedures. This feature is implemented by the installation and test personnel during the installation and test phase. INADS is implemented using the Maintenance-Related System Parameters forms and cannot be implemented by the customer.

Integrated Directory

Allows internal system users with display-equipped terminals to access the system data base, use the touch-tone buttons to key in a name, and retrieve an extension number from the system directory. The directory contains an alphanumeric listing of the names and extension numbers assigned to all voice terminals administered in the system.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station —Associated Display Module Form	Display Module Button Assignments -directory -next -call-disp	6-181 to 6-390 6-82	7-151 to 7-186 7-68
Attendant Console	Features Buttons or Display Module Button Assignments -directory -next -call-disp	6-15	7-37
7404D Voice Terminal —Associated Data Line Data Module	Display Cartridge All	6-325 6-57	7-173 7-60

- **Station Forms—Assign a "y" (yes) to "D401A Display Module" section. Assign an Integrated Directory (directory) Button to one of the 34 assignable buttons.**
- **Display Module Form—Assign one Integrated Directory (directory) Button, if desired. If an Integrated Directory button is assigned to one of the 34 assignable buttons on the voice terminal, you cannot assign an Integrated Button on the Display Module, or vice versa. Assign Next and Return Call (call-disp) buttons also.**
- **Attendant Console Form—Assign one Integrated Directory button to the "Feature Button Assignments" or "Display Module Button Assignment" section. Assign Next and Return Call (call-disp) buttons also.**
- **7404D Station Form—Assign a "y" (yes) to "Display Cartridge" field if a 7404D Messaging Cartridge is attached to the voice terminal. Complete an associated 7404D Data Line Data Module form.**

Hardware Requirements

None.

Intercept Treatment

Provides an intercept tone or a recorded announcement or routes the call to an attendant for assistance when calls cannot be completed or when use of a feature is denied.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	DID Intercept Treatment	6-105	7-81
Recorded Announcements	Port Assignments (1-1O)	6-169	7-131

- **Feature Related System Parameters Form—Complete "DID Intercept Treatment" section.**
- **Recorded Announcements Form—Assign intercept announcement extension number, if used.**

Hardware Requirements

Requires a port on a TN742, TN746, or TN769 Analog Line circuit pack for each announcement to be assigned. A TN750 Announcement circuit pack can be used to provide up to 64 difference announcements. The announcements can be directly recorded onto the TN750 circuit pack.

Intercom—Automatic

Provides a talking path between two voice terminal users. Calling users press the Automatic Intercom button and lift the handset, or vice versa. The called user receives a unique intercom alerting signal, and the status lamp associated with the Dial or Automatic Intercom button, if provided, flashes.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Intercom Groups	Group Member Assignments	6-136	7-104
Station	Button/Feature Button Assignments -auto-icom (Grp:__ DC:__)	6-181 to 6-390	7-151 to 7-186

- **Intercom Groups Form—Complete intercom-dial sections.**
- **Station Forms—Assign Auto Intercom (auto-icom) button(s).**

Hardware Requirements

None.

Intercom—Dial

Allows multi-appearance voice terminal users to gain rapid access to as many as 32 other voice terminal users within an administered group. Calling voice terminal users lift the handset, press the Dial Intercom button, and dial the 1- or 2-digit code assigned to the desired party. The called user receives alerting tone, and the status lamp associated with the Intercom button, if provided, flashes.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Intercom Groups	All	6-136	7-104
Station (multi-appearance)	Button/Feature Button assignments -dial-icom (Grp:__)	6-181 to 6-390	7-151 to 7-186

- **Intercom Groups Form—Establish intercom groups.**
- **Station Forms—Assign Dial Icom buttons on voice terminals for all intercom group members who can originate an intercom call. Anyone in a group can be called, but only those members with an assigned Intercom button can originate an intercom call.**

Hardware Requirements

None.

Inter-PBX Attendant Calls

Allows attendant positions for more than one branch location to be concentrated at one central, or main, location. Incoming trunk calls to the branch location, as well as attendant-seeking voice terminal calls, are routed over tie trunks to the attendants at the main location.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Tie Trunk Group	Incoming Destination (0)	2-93	7-145
Console Parameters	-IAS (Branch) (y) -IAS Tie Trunk Group No. -IAS Att. Access Code	6-54	7-56

- **Tie Trunk Group Form—Requires a Tie Trunk Group with the "Incoming Destination" field set to the attendant group access code.**
- **Console Parameters Form—Enter "y" in the field labeled "IAS (Branch)." The IAS (Branch) and CAS (Branch) fields cannot both be "y." Assign an "IAS Trunk Group Number" and an "inter-PBX Attendant Access Code. "**

Hardware Requirements

Requires a port on a TN722 Tie Trunk circuit pack for each tie trunk to be assigned.

Intraflow and Interflow

Allows Automatic Call Distribution (ACD) calls to be redirected from one split to another split under busy or unanswered conditions. Intraflow provides redirection of ACD calls to other splits within the system. Interflow uses the Call Forwarding All Calls feature to redirect ACD calls to an external location.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	Coverage—Dont Answer Interval for Subsequent Redirection	6-105	7-81
Hunt Groups	Inflow Threshold -Priority on Intraflow	6-125	7-96
Call Coverage Paths	Don't Answer	6-43	7-48

- **Feature Related System Parameters—Assign the number of times a voice terminal in a Call Coverage path will ring before the call is routed to the next coverage point.**
- **Hunt Groups Form—Assign intraflow priority.**
- **Hunt Groups Form—Assign the number of seconds a call can remain in the queue before no more calls will be accepted by the queue.**
- **Call Coverage Paths Form—Complete Don't Answer field.**

Hardware Requirements

None.

Last Number Dialed

Automatically redials the last number dialed when users press the Last Number Dialed button or dial the Last Number Dialed feature access code.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Last Number Dialed Access Code	6-89	7-76
Station	Button/Feature Button Assignments -last-numb	6-181 to 6-390	7-151 to 7-186

- **Feature Access Codes Form—Verify "Last Number Dialed Access Code" section.**
- **Station Forms—Assign Last Number Dialed (last-numb) button to voice terminal.**

Hardware Requirements

None.

Leave Word Calling

Allows internal system users to leave a short preprogrammed message for other internal users. Users can activate Leave Word Calling (LWC) at any time during a call attempt.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System	Max. Number Of Messages Per Station Stations With System-wide Message Retrieval Permission	6-105	7-81
Station	LWC Reception LWC Activation Button/Feature/Button Assignments -lwc-store -lwc-cancel -aut-msg-wt (Ext:__) -call-disp -msg-retr -next -delete-msg -lwc-lock -cov-msg-rt	6-181 to 6-390	7-151 to 7-186
Attendant Console	Feature Button Assignments -lwc-store -lwc-cancel -delete-msg -next -call-disp -aut-msg-wt (Ext:__)	6-15	7-37
Feature Access Codes	-LWC Message Retrieval Lock -LWC Message Retrieval —Unlock -LWC Send A Message -LWC Cancel A Message	6-89	7-76

Note: Refer to the ATTENDANT DISPLAY and VOICE TERMINAL DISPLAY features for additional information on LWC feature related buttons that can be assigned an attendant console or voice terminal display.

- **Feature Related System Parameters Form—Complete the "Maximum Number of Messages Per Station" and "Stations with System-wide Retrieval Permission" sections.**
- **Station Forms—Complete the "LWC Reception" and "LWC Activation" sections (which specify if the voice terminal can receive and/or activate LWC messages, respectively).**
  - **— Assign a Leave Word Calling button, if desired.**
  - **— Assign a Cancel button, if desired, to allow a calling party to cancel a previously left message.**
  - **— Automatic Message Waiting—This lamp is a status lamp which lights at the same time the message lamp lights at the called voice terminal. A common use is to provide an indication of an executive's message on a secretary's voice terminal. This lamp also allows an indication of LWC messages left for a Direct Department Calling (DDC) group, a UCD group, an ACD split, a Terminating Extension Group (TEG), and a PCOLG.**
- **Attendant Console Form or the Station Form—For each voice terminal or attendant console group that can retrieve LWC messages, optionally assign the following buttons:**
  - **— Message Retrieval (to access one's own messages—voice terminals only)**
  - **— Coverage Msg Retrieval (to access another user's message)**
  - **— Delete Message (to remove a retrieved message)**
  - **— Call Display (to automatically call the person who left the message while displaying a retrieved message)**
  - **— Lock (displays locked or unlocked status of the Message Retrieval)**
  - **— Next (to retrieve the next stored message)**
  - **— Cancel Leave Word Calling (to allow canceling a previously left message)**
  - **— Automatic Message Waiting (to allow indication of a message waiting for a specific extension)**

  Note: Buttons can be assigned on the visual display module or in the "features area" of the terminal or console. If a Message Retrieval or a Coverage Message Retrieval button is specified, a Next Message and a Delete Message button should also be specified.
- **Feature Access Codes Form—Verify or assign the following access codes:**
  - **— Leave Word Calling Message Retrieval Lock" section**

- **“Leave Word Calling Message Retrieval Unlock” section**
- **“Leave Word Calling Send a Message” section**
- **“Leave Word Calling Cancel a Message” section**

Hardware Requirements

None.

Loudspeaker Paging Access

Provides attendants and voice terminal users dial access to voice paging equipment.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Loudspeaker Paging and Code Calling Access	All	6-145	7-113
CPE Trunk Group	All	2-52	7-57

Note: Up to ten (one per zone) Loudspeaker Paging Access buttons (per multi-appearance voice terminal and attendant console) can be assigned through the Attendant Direct Trunk Group Selection, Abbreviated Dialing, and the Facility Busy Indication features, if required.

- **Loudspeaker Paging and Code Calling Access Form—Complete Loudspeaker Paging sections.**
- **CPE Trunk Group Form—Complete all fields as required to add a CPE Trunk Group, if not already provided. Ports from the associated TN763 Auxiliary Trunk circuit pack are required to provide an interface to the client-provided paging equipment.**

Hardware Requirements

Requires a port on a TN763 Auxiliary Trunk circuit pack for each paging zone to be assigned. If a PagePac* Paging System is to be used, a port on a TN747 CO Trunk circuit pack, TN742, TN746, or TN769 Analog Line circuit pack, or TN763 Auxiliary Trunk circuit pack is required depending on the PagePac system used.

* Trademark of Harris Corporation Dracon Division

Manual Message Waiting

Enables multi-appearance voice terminal users, by pressing a designated button on their own terminals, to light the status lamp associated with the Manual Message Waiting button at another multi-appearance voice terminal. Activating the feature causes the lamp to light on both the originating and receiving voice terminals. Either terminal user can cause the lamp to go dark by pressing the button.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Pege #)	BLANK FORM (Page #)
Station (multi-appearance)	Button/Feature Button Assignments —man-msg-wt	6-181 to 6-390	7-151 to 7-186

- **Station Form—assign “man-msg-wt” to a voice terminal button.**

Hardware Requirements

None.

Manual Originating Line Service

Connects users to attendant automatically when the user lifts the handset.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Abbreviated Dialing System List	Dial Code (attendant)	6-10	7-26
Abbreviated Dialing Group List	Dial Code (attendant)	6-6	7-22
Abbreviated Dialing Personal List	Dial Code (attendant)	6-8	7-25
Station (single-line)	Abbreviated Dialing-List 1, 2, —or 3 Hot Line Destination-AD List —Number and Dial Code	6-181 to 6-390	7-151 to 7-186

- **Abbreviated Dialing List Form—Verify or assign an attendant code to a list.**
- **Station Forms—Assign the Abbreviated Dialing List to designated single-line voice terminal. List can be List 1, 2, or 3. Complete "Hot-Line Destination" section to indicate the Abbreviated Dialing List entry containing the attendant code.**

Hardware Requirements

None.

Manual Signaling

Allows a voice terminal user to signal another voice terminal user. The receiving voice terminal user hears a 2-second burst of tone.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Button/Feature Button Assignments -Signal (extension # or name)	6-181 to 6-390	7-151 to 7-186

- **Station Forms—Assign Signal button to voice terminal.**

Hardware Requirements

None.

"MEGACOM", "MEGACOM" 800, or "MEGACOM" 800 DNIS Services

MEGACOM telecommunications service allows System 75 customer premises facilities to connect directly to AT&T 4 ESS™ switching equipment.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Tie Trunk Group	All	2-93	7-145
DS1 Circuit Pack	All	6-86	7-75
Synchronization Plan	All	6-176	7-140

- **Tie Trunk Group Form—Complete all fields as required.**
- **DS1 Circuit Pack Form—Complete all fields.**
- **Synchronization Plan Form—Complete all fields.**

Hardware Requirements

A port is required on a TN760 circuit pack for each trunk to be assigned in the trunk group.

Modem Pooling

Allows switched connections between digital data endpoints (data modules) and analog data endpoints, and acoustic coupled modems. The analog data endpoint can be either a trunk or line circuit.

Figure 5-40 shows an example of how to connect an integrated or combined modem pooling. The combined modem pooling connection is shown separately with dashed lines. Business requirements will determine how your modem pooling is actually used. This section on modem pooling does not cover the forms required to assign data terminals, voice terminals, host computers, and modules.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

Integrated Modem Pooling

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Modem Pool Group	All	6-149	7-116

- **Modem Pool Group Form—Complete all sections.**

Combined Modem Pooling

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Modem Pool Group	All	6-149	7-117

- **Modem Pool Group Form—Complete all sections.**

Hardware Requirements

A port on a TN758 Pooled Modem circuit pack is required for each integrated conversion resource to be supported. Up to sixteen TN758s can be used for each integrated conversion resource, each providing two ports. Combined conversion requires a port on a TN754 Digital Line circuit pack and a port on a TN742 Analog circuit pack for each combined resource to be supported.

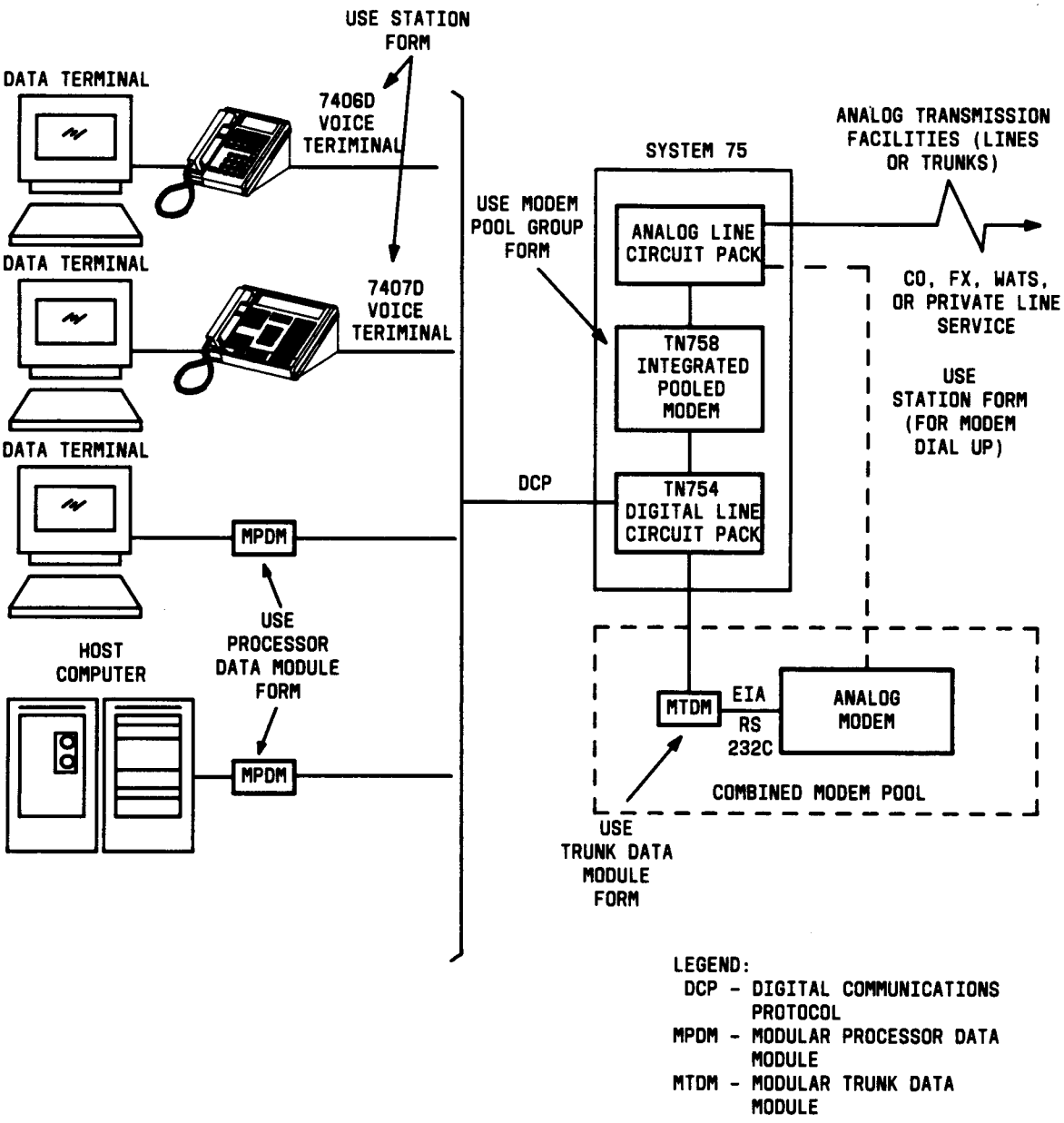


Figure 5-40. Example of Integrated and Combined Modem Pooling Connections

Multi-Appearance Preselection and Preference

Provides multi-appearance voice terminal users with options for placing or answering calls on selected appearances.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station (multi-appearance)	Idle Appearance Preference	6-181 to 6-390	7-151 to 7-186

- **Station Forms—Complete "Idle Appearance Preference" section.**

Hardware Requirements

None.

Multiple Listed Directory Numbers

Allows a publicly published number for each incoming and two-way (incoming side) foreign exchange (FX) and local central office (CO) trunk group assigned to the system. Also allows up to eight Direct Inward Dialing (DID) numbers to be treated as Listed Directory Numbers (LDNs).

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
CO Trunk Group	Incoming Destination	2-45	7-49
FX Trunk Group	Incoming Destination	2-70	7-87
Listed Directory Numbers	All	6-144	7-112

- **Trunk Group Forms—Assign "Incoming Destination" section for a Central Office or Foreign Exchange Office Trunk Group.**
- **Listed Directory Numbers Form—assign up to eight listed directory numbers.**

Hardware Requirements

None.

Music-on-Hold Access

Provides music to a party that is on hold, waiting in a queue, parked, or on a trunk call that is being transferred (V2, V3, or V4). The music lets the waiting party know that the connection is still in effect.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	Music On Hold Port	6-105	7-81

- **Feature Related System Parameters Form—Complete "Music on Hold Port" section. This provides port assignment for the TN763 Auxiliary Trunk circuit pack port interfaces to the customer provided music source if not already assigned. A 36A Voice Coupler may also be required to provide an interface and system protection for the music source.**

Hardware Requirements

Requires a port on a TN763 Auxiliary Trunk circuit pack. Also, a 36A voice coupler may be required to provide an interface and system protection for the music source.

Network Access—Private

Allows calls to be connected to the following types of networks:

- **Common Control Switching Arrangement (CCSA)**
- **Electronic Tandem Network (ETN)**
- **Enhanced Private Switched Communications Service (EPSCS)**
- **Tandem Tie Trunk Network (lTTN)**

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Trunk Groups: Access Tandem Tie	All	 2-32 2-86 2-93	 7-30 7-141 7-145
Class of Restriction	Advanced Private Line Termination	6-50	7-52
Feature Access Codes	Auto Route Selection Access Code 1	6-89	7-76
Station	COR	6-181 to 6-390	7-151 to 7-186

- **Trunk Group Form—Specify group type as access, tandem, or tie. Complete COR digit treatment and common type sections on the Tie Trunk Groups associated with a private network.**
- **Class of Restriction Form—Complete the Advanced Private Line Termination (APLT) field.**
- **Feature Access Codes Form—Assign a code for ARS consistent with user's ability to access these tie trunks.**
- **Station Forms—Assign a COR.**

Hardware Requirements

Requires a port on a TN760B Tie Trunk circuit pack or TN722 DS1 Tie Trunk circuit pack for each trunk assigned.

Network Access—Public

Provides voice terminal users and attendants with access to and from the public network.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
CO Trunk Group	All	2-45	7-49
DID Trunk Group	All	2-57	7-69
FX Trunk Group	All	2-70	7-87
WATS Trunk Group	All	2-101	7-148
Tie Trunk Group	All	2-93	7-145

- **Complete all Trunk Group Forms used for Public Network Access.**
- **Tie Trunk Group Form—Complete applicable fields for MEGACOM, MEGACOM 800, or MEGACOM 800 DNIS services.**

Hardware Requirements

Requires a port on a TN747B CO Trunk circuit pack for each trunk assigned.

A port is required on a TN722, TN722B, TN760, or TN760B circuit pack for each trunk to be assigned in the Access Trunk Group. A TN760 or TN760B provides four ports. A TN722 or TN722B provides 24 ports.

Night Service—Hunt Group

Hunt Group Night Service allows an attendant or a split supervisor to individually assign a hunt group or split to the night service mode.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Button/Feature Button Assignment -hunt-ns	6-181 to 6-390	7-151 to 7-186
Attendant Console	Button/Feature Button Assignments -hunt-ns	6-15	7-37

- **Station Forms—Assign "trunk-ns" to a voice terminal button.**
- **Attendant Console Form—Assign "hunt-ns" to a button in the "Feature Button Assignments" section.**

Hardware Requirements

None.

Night Service—Night Console Service

Directs all calls for the primary and daytime attendant consoles to a night console.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Console Type	6-15	7-37

- **Attendant Console Form—Alternate console must be identical to the Primary Attendant Console. Specify alternate console as a "night console" in the "Console Type" section. Enter "night-only" if the console is dedicated to night service. Enter "day/night" if a day console is also used as the night console.**

Hardware Requirements

None.

Night Service—Night Station Service

Redirects incoming attendant-seeking trunk calls to designated extension numbers whenever the system is placed in Night Service.

Administration

Do not provide a Night Console Position with this feature assigned.

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Listed Directory Numbers	Ext (DID), Name	6-144	7-112
Trunk Groups:	Night Service		
Access	Name	2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148

- **Listed Directory Numbers (LDN) Form—Provide Night Station.**
- **Trunk Group Forms—Verify that the Night Service extension number of the answering voice terminal or group is specified for each desired trunk group. Night Service can be assigned CO, FX, WATS, Tie, APLT, Access, Tandem, and DMI Trunk Groups. If individual trunks are assigned to Night Service, enter the extension number you want the trunk to be directed to when the system is in the Night Service mode. Trunk names or numbers starting with an N followed by digits will use the digits as the night destination of the individual trunk. This individual night destination overrides the group night destination entered in the Night Service field.**

Hardware Requirements

None.

Night Service—Trunk Answer From Any Station

Allows voice terminal users to answer all incoming attendant-seeking calls when the attendant(s) is not on duty and when other voice terminals have not been designated to answer the calls.

Administration

Do not provide a Night Console Position with this feature assigned.

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Trunk Groups:	Night Service (blank)		
Access		2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148
Feature Access Codes	Trunk Answer Any Station Access Code	6-89	7-76
Console Parameters	Ext Alert Port (TAAS)	6-54	7-56

- **Trunk Group Forms—Verify "Night Service" section is blank for the associated trunk group.**
- **Feature Access Codes Form—Verify feature access code is assigned for "Trunk Answer Any Station Access Code" section.**
- **Console Parameters Form—Assign a port on a TN742, TN746, or TN769 Analog Line circuit pack to provide connection with an alerting device in the "External Alerting Number (TAAS)" section.**

Hardware Requirements

Requires a port on a TN742, TN746, or TN769 Analog Line circuit pack. A maximum of five alerting devices can be connected to one port. Also requires a ringing device.

Night Service—Trunk Group

Allows an attendant or a designated voice terminal user to individually assign a trunk group or all trunk groups to the night service mode.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station	Button/Feature Button Assignments -trunk-ns	6-181 to 6-390	7-151 to 7-186
Attendant Console	Button/Feature Button Assignments -trunk-ns	6-15	7-37

- **Station Forms—Assign “trunk-ns” to a voice terminal button.**
- **Attendant Console Form—Assign “trunk-ns” to a button in the “Feature Button Assignments” section.**

Hardware Requirements

None.

Off-Premises Station

Allows a voice terminal located outside the building where the switch is located to be connected to the system. If central office (CO) trunks are used, the voice terminal must be analog and must be FCC-registered.

Administration

Off-Premises Stations are administered the same as on-premises voice terminals. Refer to the appropriate voice terminal form for additional information.

Hardware Requirements

Requires cross-connecting capabilities and one port on a TN742 or TN769 Analog Line circuit pack for each interface to be provided.

Permanent Switched Calls

Maintains a call between two data endpoints that should always be connected while the system is active. The specified calls are automatically placed when the system is started or restarted, and remain active until the system becomes inactive.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Permanent Switched Calls	All	6-157	7-123

- **Permanent Switched Calls Form—Complete all sections as required. Verify that only Permanent Switched Calls (PSC) endpoints are allowed to call other PSC endpoints by checking the COR for the PSC endpoints.**

Hardware Requirements

None.

Personal Central Office Line (PCOL)

Provides a dedicated trunk for direct access to or from the public network for multi-appearance voice terminal users.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

F O R M	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Personal Central Office Line Groups	All	2-77	7-124
Station (multi-appearance)	Button/Feature Button assignments -per-COline (Grp:__)	6-181 to 6-390	7-151 to 7-186

- **Personal Central Office Line Group (PCOLGS) Forms—Verify or complete ail sections.**
- **Station Forms—Assign (per CO line) buttons to voice terminals in group.**

Hardware Requirements

Requires a port on a TN747 Central Office Trunk circuit pack for each PCOL to be assigned. A maximum of 40 PCOLS can be assigned in the system.

Personalized Ringing

Allows users of certain voice terminals to uniquely identify their own calls. Each user can choose one of a number of possible ringing patterns.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
7303S Voice Terminal	Personalized Ringing Pattern	6-265	7-166
7305S Voice Terminal	Personalized Ringing Pattern	6-277	7-167
7404D Voice Terminal	Personalized Ringing Pattern	6-325	7-173
7406D Voice Terminal	Personalized Ringing Pattern	6-357	7-179
7407D Voice Terminal	Personalized Ringing Pattern	6-373	7-182

- **Voice Terminal Forms—Complete Personalized Ringing Pattern field for each 7303S, 7305S, 7404D, 7406D, and 7407D voice terminal.**

Hardware Requirements

None.

Priority Calling

Provides a special form of call alerting between internal voice terminal users. The called voice terminal user receives a distinctive 3-burst alerting signal.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Priority Calling Access Code	6-89	7-76
Class of Service	Priority Calling	6-53	7-53

- **Feature Access Codes Form—Verify or assign "Priority Calling Access Code" section.**
- **Class of Service Form—Verify "Priority Calling" has correct permission.**

Hardware Requirements

None.

Privacy—Attendant Lockout

Prevents an attendant from reentering a multiple-party connection held on the console unless recalled by a voice terminal user.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Console Parameters	Attendant Lockout	6-54	7-56

- **Console Parameters Form—Enter "y" in "Attendant Lockout" field.**

Hardware Requirements

None.

Privacy—Manual Exclusion

Allows multi-appearance voice terminal users to keep other users with appearances of the same extension number from bridging onto an existing call.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station (multi-appearance)	Button/Feature Button Assignments -exclusion	6-181 to 6-390	7-151 to 7-186

- **Station Form—Assign Manual Exclusion button to voice terminals of members of a Terminating Extension Group and/or Personal Central Office Line Group.**

Hardware Requirements

None.

Property Management System Interface

Provides a communications link between the System 75 and a customer-owned Property Management System (PMS). The PMS allows a customer to control certain features used in both a hospital-type and a hotel/motel-type environment.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Service	Client, Console Permission	6-53	7-53
Hospitality-Related System Parameters	All	6-119	7-92
Attendant Console	Button/Feature Assignment -mwn-act -mwn-deact check-in check-out	6-15	7-37
Netcon Data Module	All	6-155	7-119
Modular Processor Data Module	All	6-153	7-118
Data Line Data Module	All	6-57	7-60

- **Class of Service Form—Assign y (yes) to Client field for the Class of Service to be used for guest voice terminals. For the Console Permission, assign y (yes) for the Class of Service assigned to the attendant and front desk voice terminal. This allows the attendant or front desk station to control the following items:**
  - **— Check-in**
  - **— Check-out**
  - **— Room change**
  - **— Swap Maid Status**
- **Hospitality-Related System Parameters Form—Complete all fields.**
- **Attendant Console Form—Assign mwn-act (message waiting activation) and mwn-deact (message waiting deactivation) buttons.**
- **Attendant Console Form—Assign check-in and check-out buttons. These buttons can be assigned to the attendant and display equipped front desk voice terminals.**

- **Netcon Data Module Form—Complete all fields as required.**
- **Modular Processor Data Module Form—Complete all fields. Assign three different PDMs as follows: assign one PDM for the PMS link and one PDM for each printer (Log and Journal).**
- **Data Line Data Module Form—Complete all fields. Complete this form if the PMS link is connected using a Data Line circuit pack.**

Hardware Requirements

The PMS link can be connected to a TN754 Digital Line circuit pack using a Processor Data Module (PDM) or a TN726 Data Line circuit pack using an asynchronous data line. The Journal and Log printers can be connected to a TN754 Digital Line circuit pack using a PDM. One PDM is required.

Queue Status Indications

Provides indications of queue status for Automatic Call Distribution (ACD) calls based on the number of calls in queue and time in queue. These indications are provided via lamps assigned to the terminals or consoles of split agents or supervisors. In addition, auxiliary warning lamps can be provided to track queue status based on time in queue and number of calls in queue. Also, display-equipped voice terminals and consoles can display the time in queue of a split's oldest call and the number of calls in that split's queue.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Hunt Groups	Queue Length Calls Warning Threshold Time Warning Threshold Time Warning Port Calls Warning Port	6-125	7-96
Station	Feature/Button Assignment q-calls q-time	6-181 to 6-390	7-151 to 7-186
Attendant Console	Feature/Button Assignment -atd-qcalls -atd-qtime	6-15	7-37

- **Hunt Groups Form—Assign the number of calls that can queue before the system flashes the queue status buttons and the Auxiliary Warning lamp assigned to the split.**
  - **Assign the time a call can remain in the queue before the system flashes the queue status buttons and the Auxiliary Warning lamp assigned to the split**
  - **Assign ports for the external Auxiliary Warning lamps.**
- **Station Forms—assign calls and time buttons.**
- **Attendant Console Form—assign atd-qcalls and atd-qtime buttons.**

Hardware Requirements

Each auxiliary queue Warning lamp requires one port on a TN742, TN746, or TN769 Analog Line circuit pack. A 21C-49 lamp may be used as an auxiliary queue Warning lamp.

Recorded Announcements

Allows up to 64 analog or integrated announcements or any desired combination of both. Integrated announcements are assigned on the TN750 Announcement circuit pack. The analog announcements are assigned on the TN742, TN742B, or TN746 Analog Line circuit pack which is connected to external recording or playback equipment.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Recorded Announcements	All	6-169	7-131
Recorded Announcement Data Module	All	6-168	7-133
Netcon Data Module	All	6-155	7-119
Trunk Groups:	Incoming Destination		
CO		2-45	7-49
DMI		2-63	7-72
FX		2-70	7-87
WATS		2-101	7-148
Feature Related System Parameters	DID Intercept Treatment	6-105	7-81
Feature Access Codes	Announcement Access Code	6-89	7-76
Call Coverage Paths	Point1,Point2, Point3	6-43	7-48
Hunt Groups	First and Second Announcement Extensions	6-125	7-96
Station	COS	6-181 to 6-390	7-151 to 7-186

- **Recorded Announcements Form—Complete all sections as required.**
- **Recorded Announcement Data Module Form—Complete all fields for a recorded announcement data module.**
- **Netcon Data Module Form—Complete all fields for a netcon data module.**
- **CO, DMI, FX, WATS Trunk Group Forms—Assign a recorded announcement extension number to the Incoming Destination field, as required.**

- **Feature Related System Parameters Form—Assign a recorded announcement extension number to the DID Intercept Treatment field, as required.**
- **Feature Access Codes Form—Assign announcement access code.**
- **Call Coverage Paths Form—Assign a recorded announcement extension number to a coverage point (Point1, Point2, Point3), as required.**
- **Hunt Groups Form—Assign a recorded announcement extension number to the First and Second Announcement Extension fields, as required.**
- **Station Forms—Verify that the station has a Class of Service that allows console permissions (Perms) so the user can make an announcement. To make, change, listen to, or delete an announcement:**
  - **— dial the Announcement Access Code plus the extension number**
  - **— dial 1 to record an announcement over an existing announcement**
  - **— dial 2 to replay an announcement**
  - **— dial 3 to delete an announcement.**

Hardware Requirements

Each analog announcement to be provided requires a port on a TN742, TN746, or TN769 Analog circuit pack. Each access of an integrated announcement requires a port on the TN750 Announcement circuit pack. The analog recorded announcement equipment and music sources are not provided with the system.

Recorded Telephone Dictation Access

Permits voice terminal users, including Remote Access and incoming tie trunk users, to access dictation equipment.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
CPE Trunk Group	All fields if TG not assigned, or assign trunk port for digital switch interface.	2-52	7-57
—or			
2500 Voice Terminal	All	6-250	7-163

- **CPE Trunk Group Form—Verify or assign an auxiliary trunk group and associated trunk port.**
- **Station Form—Assign a port and extension number to 2500-series voice terminal form. Enter "n" in the "tests" field to prevent interference with dictation equipment operation.**

Hardware Requirements

Requires telephone dictation machines and, depending on the type of machine, one port on a TN742, TN746, or TN769 Analog Line circuit pack or one port on a TN763 Auxiliary Trunk circuit pack for each dictation machine to be interfaced.

Release Link Trunk Group

A Release Link Trunk Group is used to implement Centralized Attendant Service. Associated release link trunks can only originate calls going out, although signaling direction is always two-way. There is no dial access or incoming destination. The trunk-type is always release link. Outgoing and incoming dialing type is always tone and the disconnect timing is 280 milliseconds.

Administration

To assign a Release Link Trunk Group, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Release Link Trunk Group	All	2-80	7-134

- **Release Link Trunk Group Form—Complete all sections as required to assign trunks that are used to implement Centralized Attendant Service.**

Hardware Requirements

A port is required on a TN722 circuit pack for each trunk to be assigned in the Access Trunk Group. A TN722 provides 24 ports.

Remote Access

Permits authorized callers from the public network to access the system and then use its features and services.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be Completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Remote Access	ALL	6-174	7-137
Trunk Groups: CO FX WATS	-Incoming Destination -Night Service	 2-45 2-70 2-101	 7-49 7-87 7-148

- **Remote Access Form—Complete all sections. This provides Remote Access via Direct Inward Dialing if the assigned Remote Access Extension number is within the range of numbers dialable from the local central office.**
- **Trunk Group Forms:**
  - **— Optionally, on a per-trunk group basis, verify or set the "Incoming Destination" field to the Remote Access Extension number to provide the feature via a dedicated trunk group (Trunk Group Form for incoming trunk groups, except Direct Inward Dialing).**
  - **— Optionally, on a per-trunk group basis, verify that "Incoming Destination" section is equal to "O" (attendant). Verify or set "Night Service" section to the Remote Access Extension number to provide Remote Access for attendant seeking calls whenever the Night key is pressed and an Alternate Console Position is not provided (Trunk Group Form for incoming trunks, except Direct Inward Dialing).**

Hardware Requirements

None.

Remote Administration

Allows System 75 to be administered from a remote terminal located on the customer's premises. A local System Access Terminal (SAT) is located on-premises within 50 feet of the system cabinet. A terminal located more than 50 feet from the system cabinet is considered remote. A remote administration terminal can be on the same premises as the local SAT, or can be off-premises. The remote terminal performs the same functions as the local SAT.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

On-Premises Remote Administration

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Netcon Data Module	All	6-155	7-119
Data Line Data Module	All	6-57	7-60
Hunt Groups	-Group Extension -Group Members Assignments	6-125	7-96

Off-Premises Remote Administration

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Netcon Data Module	All	6-155	7-119
Data Line Data Module	All	6-57	7-60
Hunt Groups	-Group Extension -Group Members Assignments	6-125	7-96
Modem Pool Group	All	6-149	7-116
Trunk Group (DID system) —DID Trunk Group	All	2-57	7-69
—or —CO Trunk Group	All	2-45	7-49
Trunk Group (Non-DID system) —CO Trunk Group	All	2-45	7-49

- **Netcon Data Module Form—Complete all appropriate sections.**

- **Data Line Data Module Form—Complete all appropriate sections.**
- **Hunt Groups Form—Complete Group Extension and Group Members Assignment sections.**

  If the system will be remotely administered from an on-premises terminal, no additional translations are required. However, if the system will be remotely administered from an off-premises location via a dial-up facility, complete the following two steps.

  — Modem Pool Group Form—Complete all appropriate sections.

  — Trunk Group Form—Complete Trunk Group forms as follows:

DID equipped systems	**Using a DID trunk form, translate a new trunk group containing one DID trunk. The NAME (Tel. number) assigned in the GROUP MEMBER ASSIGNMENTS field *must* be the same DID number assigned to the UCD hunt group (see next item).**
DID equipped systems using a non-DID trunk	**Using a CO trunk form, translate a new trunk group. In the INCOMING DESTINATION field and NIGHT SERVICE field, enter the UCD hunt group extension number (see next item).**
Non-DID equipped systems—calls made from Remote (off-premises) terminal will be to the LDN	**If not translated previously, translate a trunk group containing the LDN.**
Non-DID equipped systems—calls made from Remote (off-premises) terminal will be to a trunk dedicated to Remote Administration	**Using a CO trunk form, translate a new trunk group. In both the INCOMING DESTINATION and NIGHT SERVICE fields, enter the UCD group extension number (see Hunt Group form).**

Hardware Requirements

On-Premises Remote

- **Requires a port on a TN726 Data Line circuit pack and an associated Asynchronous Data Unit (ADU).**
- **Requires TN727 Netcon circuit.**
- **BCT 513, 4410, 4425, or applicable terminal.**

Off-Premises Remote

- **Requires a port on a TN726 Data Line circuit pack and associated ADU.**
- **Modem Pooling—See Modem Pooling.**
- **DID Trunk Group—Requires a port on a TN753 DID Trunk circuit pack.**
- **CO Trunk Group—Requires a port on a TN747 CO Trunk circuit pack.**
- **BCT 513, 4410, 4425, or applicable terminal.**
- **Separate CO line to processor board for Alarm Origination/Remote Administration (System 75 XE).**

Restriction—Controlled

Allows an attendant or voice terminal user with console permission (V3) to activate and deactivate the following restrictions for an individual voice terminal or a group of voice terminals:

- **Outward—The voice terminal(s) cannot be used for placing calls to the public network. Such call attempts can receive an announcement, attendant, extension, or tone.**
- **Total—The voice terminal(s) cannot be used for placing or receiving calls. Direct Inward Dialing calls can receive an announcement, attendant, extension, or tone.**
- **Station-to-Station(V3)—The voice terminal cannot receive or place station-to-station calls. Such call attempts can receive an announcement, attendant, extension, or tone.**
- **Termination(V3)—The voice terminal cannot receive any calls. Incoming calls can receive an announcement, attendant, extension, or tone.**

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	-User Control Restrict Activation and Deactivation -Group Control Restrict Activation and Deactivation	6-89	7-76
Feature Related System Parameters	Controlled Outward Restriction Intercept Treatment Controlled Termination Restriction (Do not Disturb) Controlled Station-to-Station Restriction	6-105	7-81

- **Feature Access Codes Form—Verify or assign "User Control Restrict Activation and Deactivation" and "Group Control Restrict Activation and Deactivation" sections.**
- **Feature Related System Parameters Form—Assign the type of interface treatment the caller receives when the call is outward restricted. Assign the type of intercept treatment the caller receives when the call is placed to a termination restricted voice terminal. Enter the type of intercept treatment the caller receives when the call is placed to a restricted voice terminal.**

Hardware Requirements

None.

Restriction—Miscellaneous Terminal

Restricts callers at specified voice terminals from accessing certain other voice terminals.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	All	6-50	7-52
Station	COR	6-181 to 6-390	7-151 to 7-186
Remote Access	COR	6-174	7-137
Hunt Groups	COR	6-125	7-96
Terminating Extension Group	COR	6-179	7-144
Trunk Groups:	COR		
Access		2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148

- **Class of Restriction Form—Verify or establish a single COR for the miscellaneous group.**
- **Class of Restriction Form—Verify or establish a COR for each group of incoming trunk groups and/or terminals that are to be restricted from calling the miscellaneous group. (These CORs can be different.) To assign this capability on the COR form of the trunk groups and terminals that are to be restricted, the calling permission section must have an "n" (no) entered for the COR identification assigned to the miscellaneous group.**
- **Station Forms—Assign the miscellaneous COR to the appropriate voice terminals and associated data module form if station has an associated DTDM.**
- **Remote Access Form—Assign the miscellaneous COR to barrier codes.**
- **Hunt Groups Form—Assign the miscellaneous COR to UCD/DDC groups.**

- **Terminating Extension Group Form—Assign the miscellaneous COR to the group.**
- **Trunk Group Forms—Assign the selected Classes of Restriction to the incoming trunk groups and/or terminals. (CORs already assigned can be used if all users with the CORs will be restricted.)**

Hardware Requirements

None.

Restriction—Miscellaneous Trunk

Restricts users at specified voice terminals from accessing certain trunk groups, such as Wide Area Telecommunications Service (WATS).

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	All	6-50	7-52
Trunk Groups:	COR		
Access		2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148
Station	COR	6-181 to 6-390	7-151 to 7-186

- **Class of Restriction Form—Verify or establish a single COR for the miscellaneous group.**
- **Class of Restriction Form—Verify or establish a COR for each group of incoming tie trunk groups and/or voice terminals that are to be restricted from calling the miscellaneous group. (These CORs can be different.) To assign this capability on the COR form of the trunk groups and terminals that are to be restricted, the calling permission section must have an "n" (no) entered for the COR identification assigned to the miscellaneous group.**
- **Trunk Groups Form—Assign the miscellaneous COR to the appropriate trunk group(s).**
- **Station Forms—Assign the selected Classes of Restriction to the incoming tie trunk groups and/or voice terminals. (CORs already assigned can be used if all users with the CORs will be restricted.)**

Hardware Requirements

None.

Restriction—Toll/Code

Restricts users at specified voice terminals from placing public network calls to certain numbers within the local area code, to certain foreign (nonlocal) area codes, and to service codes (such as 411 for directory assistance and 911 for emergency service).

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	COR -Attendant consoles as a group	6-50	7-52
Station	COR	6-181 to 6-390	7-151 to 7-186
Data Line Data Module	COR	6-57	7-60
Tie Trunk Group	COR	2-93	7-145
Attendant Console	COR	6-15	7-37
Console Parameters	COR	6-54	7-56
Trunk Group (CO or FX)	Restriction	2-45,70	7-49,87
Allowed Calls List	All	6-14	7-33
Code Restriction HNPA	All	2-14	7-43
Code Restriction FNPA	All	2-13	7-41
Digit Absorption	All	6-81	7-67

- **Class of Restriction Form—Verify or establish Classes of Restriction with a Calling Party Restriction of Code or Toll.**
- **Station Forms, Data Line Data Module, Tie Trunk Group, Attendant Console, and Console Parameters Forms—Assign an applicable Class of Restriction to each voice terminal, data module, incoming tie trunk group, individual attendant, and attendant console group which is to be toll or code restricted.**
- **Foreign Exchange and Central Office Trunk Group Forms—Verify or assign each foreign exchange (FX) or central office (CO) trunk group as code or toll restricted in the Restriction section.**
- **Allowed Calls List Form—Complete appropriate sections of this form if a yes was entered in the Allowed Calls List on any Trunk Group Form.**
- **Code Restriction HNPA and Code Restriction FNPA Forms—For each FX or CO trunk group marked code, verify or assign local office codes and area codes to which calling is allowed.**

- **Digit Absorption Form—Complete all appropriate fields.**

Hardware Requirements

None.

Restriction—Voice Terminal—Inward

Restricts callers at specified voice terminals from receiving public network, attendant-originated, and attendant-extended calls. A denied call is routed to intercept tone, a recorded announcement, or the attendant for DID calls.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	Called Party Restriction (Inward)	6-50	7-52
Station	COR	6-181 to 6-390	7-151 to 7-186

- **Class of Restriction Form—Verify or establish Class of Restriction with Called Party Restriction of "In ward."**
- **Station Forms—Assign Class of Restriction to voice terminal.**

Hardware Requirements

None.

Restriction—Voice Terminal—Manual Terminating Line

Restricts callers at specified voice terminals from receiving calls other than those from an attendant. Foreign Exchange and Wide Area Telecommunications Service calls are routed to the attendant. Direct Inward Dialing calls are routed to an announcement or the attendant Tie trunk, and voice terminal calls are routed to intercept treatment. The voice terminal user can originate calls and activate features.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	Called Party Restriction (Manual)	6-50	7-52
Station	COR	6-181 to 6-390	7-151 to 7-186

- **Class of Restriction Form—Verify or establish Class of Restriction with Called Party Restriction of "Manual."**
- **Station Forms—Assign Class of Restriction to voice terminal.**

Hardware Requirements

None.

Restriction—Voice Terminal—Origination

Restricts callers at specified voice terminals from originating calls. Voice terminal users can receive calls.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	Calling Party Restriction (Origination)	6-50	7-52
Station	COR	6-181 to 6-390	7-151 to 7-186

- **Class of Restriction Form—Verify or establish Class of Restriction with Calling Party Restriction of "Origination."**
- **Station Forms—Assign Class of Restriction to voice terminal.**

Hardware Requirements

None.

Restriction—Voice Terminal—Outward

Prevents specified voice terminal users from placing calls to the public network. Calls can be placed to other voice terminal users, to the attendant, and over tie trunks.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	Calling Party Restriction (Outward)	6-50	7-52
Station	COR	6-181 to 6-390	7-151 to 7-186

- **Class of Restriction Form—Verify or establish Class of Restriction with Calling Party Restriction of "Outward."**
- **Station Forms—Assign Class of Restriction to voice terminal.**

Hardware Requirements

None.

Restriction—Voice Terminal—Termination

Restricts voice terminal users on specified extension numbers from receiving any calls. Voice terminal users can originate calls. Direct Inward Dialing or Advanced Private Line Termination calls are routed to a recorded announcement or the attendant.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	Called Party Restriction (Termination)	6-50	7-52
Station	COR	6-181 to 6-390	7-151 to 7-186

- **Class of Restriction Form—Verify or establish Class of Restriction with Called Party Restriction of "Termination."**
- **Station Forms—Assign Class of Restriction to voice terminal.**

Hardware Requirements

None.

Ringback Queuing

Places outgoing calls in an ordered queue (first-in, first-out) when all trunks are busy. The voice terminal user is automatically called back when a trunk becomes available. The voice terminal receives a distinctive 3-burst alerting signal (Priority Calling) when called back.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Trunk Groups:	Queue Length		
Access		2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148
Feature Related System Parameters	Automatic Callback-No —Answer Timeout Interval	6-105	7-81
Feature Access Codes	Automatic Callback Activation	6-89	7-76
Station (multi-appearance)	Buttons/Feature Button Assignments -auto-cback	6-181 to 6-390	7-151 to 7-186

- **Trunk Group Forms for outgoing Trunk Groups—Verify or assign queuing to "Queue Length" section.**
- **Feature Related System Parameters Form—Specify "Automatic Callback-No Answer Timeout Interval (rings)" section.**
- **Feature Access Codes Form—Verify "Automatic Callback Activation" section.**
- **Station Form—Assign Auto Callback buttons to multi-appearance voice terminals, as desired.**

Note: Automatic Callback and Ringback Queuing share the same intervals, codes, and buttons.

Hardware Requirements

None.

Send All Calls

Allows users to temporarily direct all incoming calls to coverage regardless of the assigned Call Coverage redirection criteria. Send All Calls also allows covering users to temporarily remove their voice terminals from the coverage path.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be Completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	Send All Calls Activation and Deactivation	6-89	7-76
Station	Button/Feature Button Assignments -send-calls	6-181 to 6-390	7-151 to 7-186

- **Feature Access Codes Form—Assign an Activation and a Deactivation access code for Send All Calls.**
- **Station Forms—Assign a Send All Calls button.**

Hardware Requirements

None.

Service Observing

Allows a specified user, such as a supervisor, to observe a call that involves other users while the call is in progress. While observing a call, the specified user can toggle between a listen-only and a listen/talk connection to the call.

Note: The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	Service Observing	6-50	7-52
Feature Related System Parameters	Service Observing Warning Tone	6-105	7-81
Station	Feature/Button Assignment -serv-obsrv	6-181 to 6-390	7-151 to 7-186

- **Class of Restriction Form—Complete Service Observing.**
- **Feature Related System Parameters Form—Assign y to Service Observing Warning Tone.**
- **Station Forms—Assign one serv-obsrv (service observing) button.**

Hardware Requirements

None.

Single-Digit Dialing and Mixed Station Numbering

Allows easy access to internal hotel/motel services and provides the capability to associate room numbers with guest room voice terminals.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Dial Plan	All	2-15,6-73	7-62

Hardware Requirements

None.

SMDR Account Code Dialing

Allows certain calls to be associated with a particular project or account number. This is accomplished by dialing specified account codes before making outgoing calls. This information is recorded by the Station Message Detail Recording (SMDR) feature and can be used later for accounting and/or billing purposes.

Administration

Optional Forced Entry Of Account Codes software must be activated before SMDR Account Code Dialing can be forced, otherwise it is optional.

To implement forced entry of account codes, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Class of Restriction	Forced Entry Of Account Codes (y)	6-50	7-52
Feature Related System Parameters	Forced Entry Of Account Codes for 0/1 Toll Calls	6-105	7-81

- **Class of Restriction Form—Complete Forced Entry of Account Codes field.**
- **Feature Related System Parameters Form—Complete Forced Entry of Account Codes for 0/1 Toll Calls field.**

Hardware Requirements

None.

Station Message Detail Recording (SMDR)

Records detailed call information on all incoming and outgoing calls on specified trunk groups and sends this information to a Station Message Detail Recording (SMDR) output device. Internal calls are not recorded. The SMDR output device provides a detailed printout that can be used by the System Manager to compute call costs, allocate charges, analyze calling patterns, and keep track of unnecessary calls.

Administration

The system forms listed in the first table that follows must be completed to assign SMDR. In addition, depending on the SMDR output device connection to the digital switch, system forms as listed in either the second, third, fourth, or fifth table must also be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Trunk Groups:	SMDR Reports		
Access	Answer Supervision	2-32	7-30
APLT	Timeout	2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DID		2-57	7-69
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148
Personal Central Office Line Groups (PCOLGs)	SMDR Reports	2-77	7-124
Loudspeaker Paging and Code Calling Access	SMDR	6-145	7-113
Feature Related System Parameters	SMDR Parameters (all fields)	6-105	7-81
Inter-Exchange Carrier Codes	All	6-143	7-111
Feature Access Codes	SMDR Account Code Access Code	6-89	7-76

SMDR Output Device Connected To 212A-type Modem: (See Figure 5-41)

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Modem Pool Group (integrated)	All, if not already assigned; otherwise, verify that a circuit pack assignment has been made.	6-149	7-116
Station-2500 type	All	6-250	7-163

SMDR Output Device Connected To MPDM/MTDM: (See Figure 41)

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Netcon Data Module	All	6-155	7-119
MPDM/MTDM Data Module	All	6-153	7-118

SMDR Output Device Connected To An Applications Processor (V3): (See Figure 42)

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Interface Data Module	All	6-139	7-106
MPDM/MTDM Data Module	All	6-153	7-118
Processor Channel Assignment	All (for 1 AP link)	6-163	7-127
Interface Links	All (for 1 AP link)	6-141	7-110

SMDR Output Device Connected to DCE Jack (EIA Port)-System 75 XE (See Figure 41)

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	Output Device Ext. EIA Device Board Rate	6-105	7-81

SMDR Output Device Connected To Data Line Circuit Pack and Asynchronous Data Unit (ADU): (See Figure 41)

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Data Line Data Module	All	6-57	7-60
Netcon Data Module	All	6-155	7-119

- **Trunk Group Forms—Complete SMDR Reports section. Enter a number 1 through 300 or blank in the Answer Supervision Timeout field. This field specifies the amount of time in seconds that the system allows before beginning an SMDR record of a call. This interval begins as soon as the outgoing trunk is seized.**
- **Personal Central Office Line Groups Form—Complete SMDR Reports section.**
- **Loudspeaker Paging and Code Calling Access Form—Complete SMDR section.**
- **Feature Related System Parameters Form-Complete SMDR Account Code Length, Record Outgoing Calls Only, Suppress SMDR For Ineffective Call Attempts, Output Device, and Output Device Ext and Printer Width (if a printer is used) sections.**
- **Inter-Exchange Carrier Codes Form—Assign carrier codes if applicable. If no carriers are specified, the SMDR record wire contains a zero in the IXC code field on the SMDR printout.**
- **Feature Access Codes Form—Complete SMDR Account Code Access Code section.**
- **Netcon Data Module Form—Complete all sections as required. This form activates a physical channel on the TN727 Network Control circuit pack. A Netcon channel must be assigned if the SMDR output device is not connected to an Applications Processor (AP). An associated MPDM/MTDM Data Module Form must also be completed to assign the associated MTDM interface from the SMDR output device to the switch.**
- **MPDM/MTDM Data Module Form—Complete all sections if a 700A-type Modular Processor Data Module (MPDM) is to be used. The 700A-MPDM/MTDM form can be used to connect the SMDR output device to a port on a TN754 Digital Line circuit pack.**
- **Interface Data Module Form—Complete all sections as required. An Interface must be assigned if the SMDR output device is to be connected to an AP (V3). An associated MPDM/MTDM Data Module Form must also be completed to assign the associated MPDM interface from the AP to the digital switch.**
- **MPDM/MTDM Data Module Form—Complete all sections if a 7006 Modular Trunk Data Module is to be used. The 700 B-MTDM can be used to connect the SMDR output device to a port on a TN754 Digital Line circuit pack.**

- **Processor Channel Assignment Form—Complete the required fields to assign a processor channel for the AP (V3).**
- **Interface Links Form—Complete required fields to assign the AP interface link (V3).**
- **Feature Related System Parameters Form (System 75 XE)—Complete the EIA Device Baud Rate field if eia is entered in the Output Device Ext. field. Also, complete the "Output Device Ext. " field. This must be completed when SMDR is connected to the DCE connector on back of the control carrier.**
- **Data Line Data Module Form—Complete sections as required. The Data Line circuit pack provides an alternative to MPDM and 212A-type modems for interconnection to SMDR output devices and is the preferred method. If the SMDR output device is connected to a Data Line circuit pack, a Data Line circuit pack must be assigned using the Circuit Pack Administration Form. Up to eight ports are provided. A Z3A Asynchronous Data Unit (ADU) is required at the SMDR output device.**

Complete the next two forms if the SMDR output device is connected to integrated modem pooling.

- **Modem Pool Group Form—Complete all sections—for integrated modem pooling. Do not fill out this form if the SMDR output device is connected to a MPDM. This is used with the TN758 Pooled Modem circuit pack.**
- **Station Form—Complete the required sections for a 2500-type voice terminal. This is used with the TN742 Analog Line circuit pack. This provides the dial up for the 212-type modem.**

Complete the following form if the SMDR output device is converted to an ADU or Data Line circuit pack TN726.

- **Data Line Data Module—Complete the required section.**
- **Netcon Data Module—Complete all required sections.**

Hardware Requirements

The type of data module chosen depends on how the SMDR output device is connected to the digital switch.

- **A Processor Data Module (PDM) must be connected to a port on a TN754 Digital Line circuit pack if the SMDR output device is a Printer, AT&T TELESEER™ Station Message Detail Recorder (SMDR) Unit, or an AP.**
- **A Trunk Data Module (TDM) must be connected to a port on a TN754 Digital Line circuit pack if the SMDR output device is a Host Computer, or a 94A Local Storage Unit (LSU).**
- **If the SMDR output device is connected to a conventional modem, a TN758 Pooled Modem circuit pack and a TN742 Analog Line circuit pack must be installed.**

- **If SMDR output device is connected to an AP (V3), a TN716 Interface 1, a TN738 interface 2, and a TN719 Interface 3 circuit pack is required. In addition, a port on a TN754 Digital Line circuit pack is required.**
- **If SMDR output device is connected to a Data Line Data Module, a TN726 Data Line circuit pack is required.**
- **If SMDR output device is connected to the DCE connector (EIA Port) located on back of the control carrier. The appropriate 50-foot cable is required (System 75 XE).**

Software Requirements

Forced Entry of Account Codes software is required.

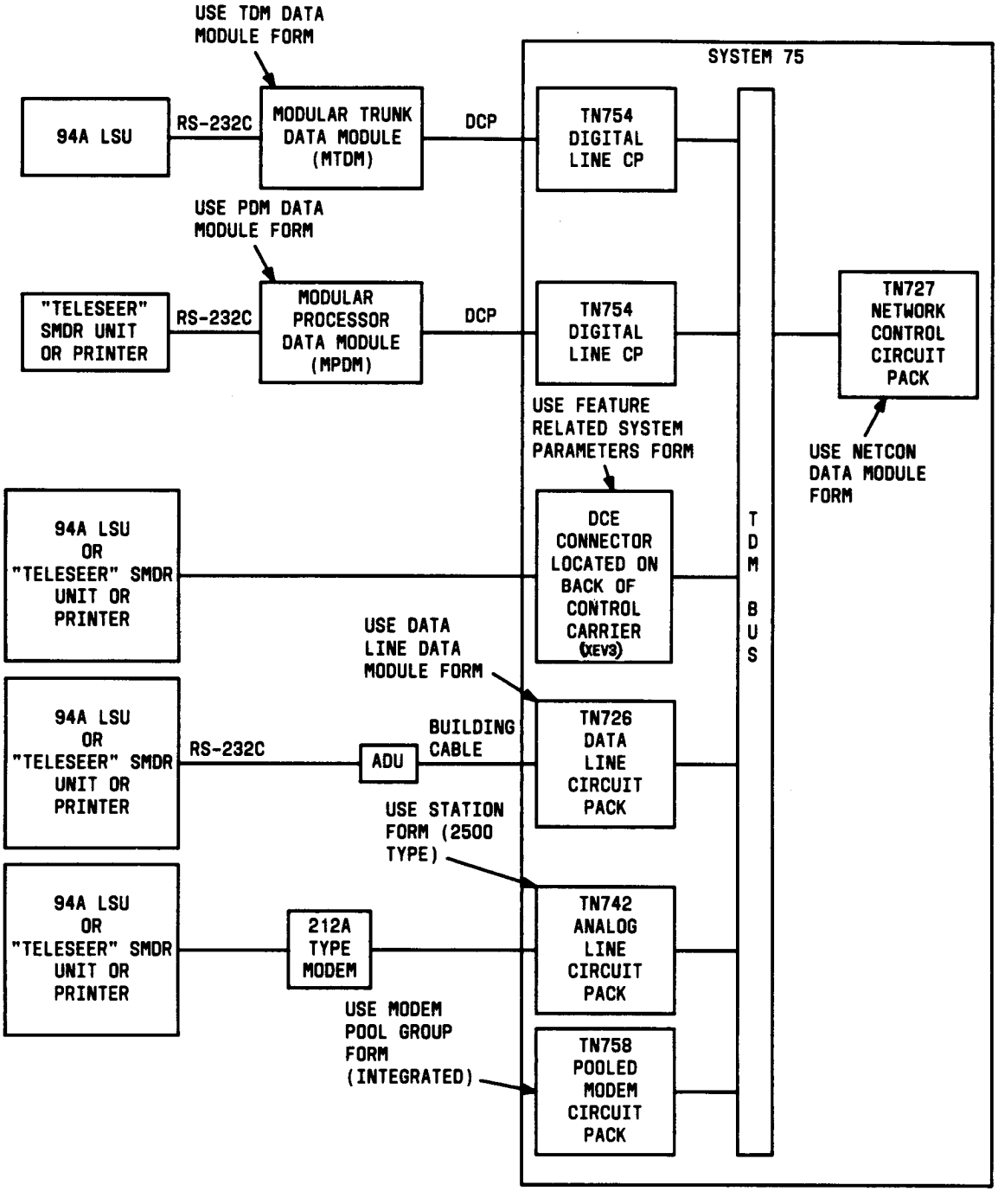


Figure 5-41. Typical SMDR Output Device Connections

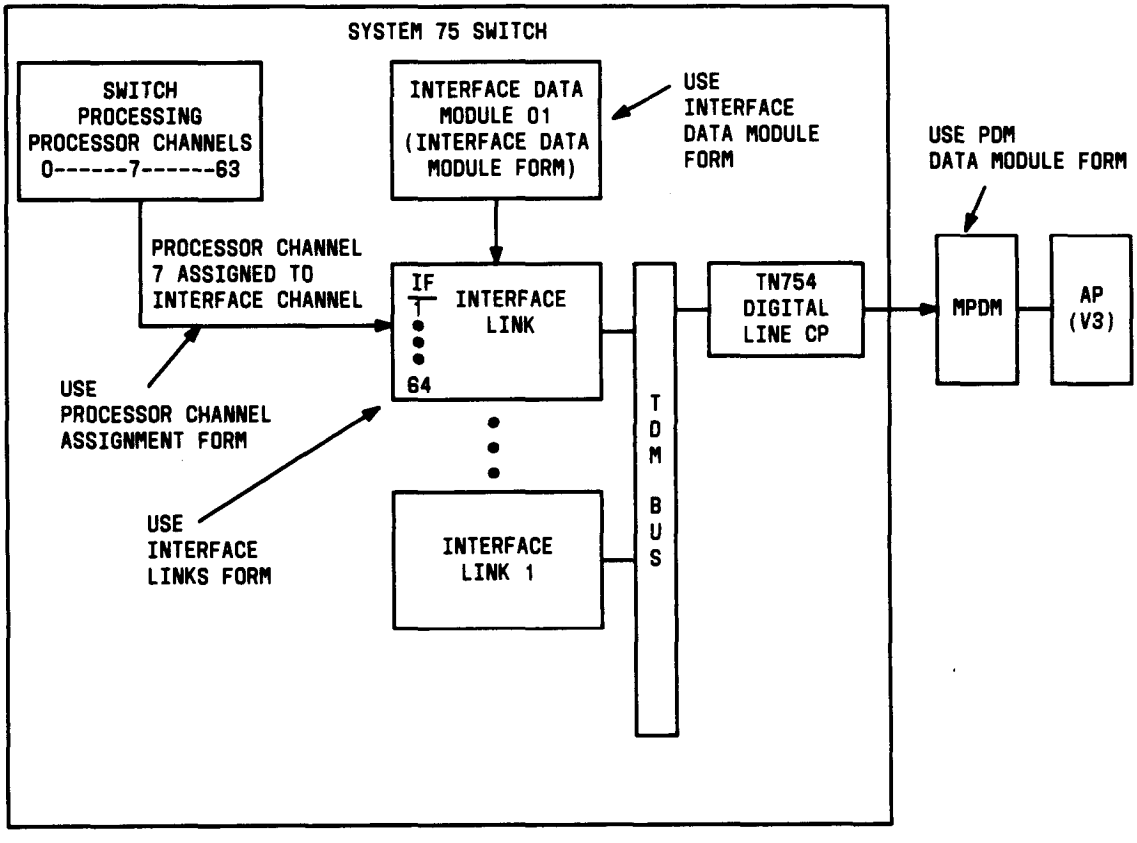


Figure 5-42. SMDR Connected to Applications Processor

Subnet Trunking

Provides modification of the dialed number so an Automatic Alternate Routing (AAR) or Automatic Route Selection (ARS) call can route over alternate trunk groups.

Administration

Optional Private Network Access or Automatic Route Selection software is required before this feature can be activated.

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Routing Patterns	-No. Del. Digits -Inserted Digits	2-24	7-139

- **Routing Patterns Form—Specify the number of digits to delete. Special characters, if any, are included in the inserted digits string.**

Hardware Requirements

None.

Tandem Trunk Group

A Tandem Trunk Group provides the System 75 with the ability to communicate with another tandem PBX switch. This trunk group will send and receive Traveling Class Marks (TCMs) as well as outpulse 7-digit RNX-xxxx dialing.

Administration

To assign a Tandem Trunk Group, the following form must be completed,

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Tandem Trunk Group	All	2-86	7-141

Hardware Requirements

A port is required on a TN722, TN722B, TN760, or TN760B circuit pack for each trunk to be assigned in the Access Trunk Group. A TN760 or TN760B provides four ports. A TN722 or TN722B provides 24 ports.

Terminating Extension Group

Allows an incoming call to ring (either audible or silent alerting) as many as four voice terminals at one time. Any user in the group can answer the call.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Terminating Extension Group	All	6-179	7-144
Station	Button/Feature Button Assignments -term-x-gr (Grp:____) -exclusion -send-term (Grp:_____) -aut-msg-wt (Ext:____)	6-181 to 6-390	7-151 to 7-186

- **Terminating Extension Group Form—Complete all sections.**
- **Station Forms—Assign "Term Grp, " Exclusion, Send Term, and Remote Message Waiting buttons to voice terminals as required.**

Hardware Requirements

None.

Tie Trunk Group

A Tie Trunk Group provides the System 75 with the ability to communicate with another tandem PBX switch. This trunk group is also used to provide MEGACOM, MEGACOM 800, or MEGACOM 800 DNSI services.

Administration

To assign a Tie Trunk Group, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Tie Trunk Group	All	2-93	7-145

Hardware Requirements

A port is required on a TN722, TN722B, TN760, or TN760B circuit pack for each trunk to be assigned in the Access Trunk Group. A TN760 or TN760B provides four ports. A TN722 or TN722B provides 24 ports.

Timed Reminder

Automatically alerts the attendant after a predetermined time for the following types of calls:

- **Extended calls waiting to be answered or waiting to be connected' to a busy single-line voice terminal**
- **One-party incoming calls placed on hold on the console**
- **Incoming calls answered by a voice terminal user, but which are unanswered after being transferred.**

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Console Parameters	-Timed Reminder On Hold -Return Call Timeout	6-54	7-56

- **Console Parameters Form—Complete "Timed Reminder on Hold" and "Return Call Timeout" sections.**

Hardware Requirements

None.

Trunk Group Busy/Warning Indicators To Attendant

Provides the attendant with a visual indication that the number of busy trunks in a group has reached an administered level. A visual indication is also provided when all trunks in a group are busy.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Direct Trunk Group Select Button Assignments (1-6)	6-15	7-37
Trunk Groups:	Busy Threshold		
Access		2-32	7-30
APLT		2-39	7-34
CO		2-45	7-49
CPE		2-52	7-57
DMI		2-63	7-72
FX		2-70	7-87
RLT		2-80	7-134
Tandem		2-86	7-141
Tie		2-93	7-145
WATS		2-101	7-148

- **Attendant Console Form—Trunk group must be assigned to one of the first six "Direct Trunk Group Button Assignments (Access Codes)" on the console.**
- **Trunk Group Form—Assign "Busy Threshold" (Warning) section.**
- **Refer to System Feature, ATTENDANT DIRECT TRUNK GROUP SELECTION, for more information.**

Hardware Requirements

None.

Trunk Identification by Attendant

Allows an attendant or display-equipped voice terminal user to identify a specific trunk being used on a call. This capability is provided by assigning a Trunk ID button to the attendant console or voice terminal.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Attendant Console	Feature Button Assignments -trk-id	6-15	7-37
7405D and 7407D Voice Terminals	Button/Feature Button Assignments -trk-id	6-341,373	7-176,182

- **Attendant Console Form—Assign a Trunk ID button.**
- **Station Forms for 7405D and 7407D Voice Terminals—Assign a Trunk ID button,**

Hardware Requirements

None.

Trunk Groups

System 75 provides for a maximum of 99 trunk groups that can be assigned in the system. Each trunk group can have up to 60 trunks. The maximum number of trunks that can be assigned in the system is 200.

The following trunk groups can be assigned.

- **Access**
- **Advanced Private Line Termination (EPCS or CCSA access)**
- **Central Office (CO)**
- **Customer Provided Equipment**
- **Digital Multiplexed Interface**
- **Direct Inward Dialing (DID)**
- **Foreign Exchange (FX)**
- **Release Link**
- **Tandem**
- **Tie (Analog or DS1)**
- **Wide Area Telecommunications Service (WATS) or 800 Service**

Trunk groups are covered alphabetically in this section. Refer to the specific trunk group coverage for additional information.

Trunk-to-Trunk Transfer

Allows the attendant or voice terminal user to connect an incoming trunk call to an outgoing trunk.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Related System Parameters	Trunk-to-Trunk Transfer	6-105	7-81

- **Feature Related System Parameters Form—Complete "Trunk-to-Trunk Transfer" section.**

Hardware Requirements

None.

Uniform Call Distribution

Provides switched access to a group of voice terminals, data modules, data line circuit ports, or modems by either lines or trunks. Access to a group of like resources, such as modems, is through a single group extension number, which minimizes the dialing of a busy resource. Calls are handled on a "most idle" basis for the hunt group number. See Hunting (page 5-168) for the forms that must be filled out.

Uniform Dial Plan

Provides a common 4- or 5-digit dial plan that can be shared among a group of switches. Interswitch dialing and intraswitch dialing are both via 4- or 5-digit dialing. The Uniform Dial Plan (UDP) is used with Main/Satellite/Tributary and Distributed Communications System (DCS) configurations. Additionally, UDP can be used alone to provide uniform 4- or 5-digit dialing between two or more private switching systems without Main/Satellite/Tributary or DCS configurations.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TtONS (Page #)	BLANK FORM (Page #)
Dial Plan	All	2-15,6-73	7-62
RNX Translation Table	All	2-23	7-138
Routing Patterns	All (AAR & ARS)	2-24	7-139

- **Dial Plan Form—Assign a "y" in the Uniform Dialing Plan field. Specify 4 or 5 digits. Also, complete pages containing PBX codes.**
- **RNX Translation Table Form—Assign routing patterns to RNXS specified in the Dial Plan PBX codes section.**
- **Routing Patterns Form—Complete appropriate sections as described under Automatic Alternate Routing (AAR).**

Hardware Requirements

None.

Voice Message Retrieval

Allows attendants, voice terminal users, and remote access users to retrieve Leave Word Calling (LWC) and Call Coverage messages in the form of a voice output.

Administration

To implement this feature, the followinG form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Feature Access Codes	-LWC Message Retrieval Lock -LWC Message Retrieval Unlock -Voice Coverage Message Retrieval Access Code -Voice Principal Message Retrieval Access Code	6-89	7-76
Feature Related System Parameters	Stations With System-wide Retrieval Permission	6-105	7-81
Station	Security Code	6-181 to 6-390	7-151 to 7-186

- **Feature Access Codes Form—Assign Leave Word Calling Message Retrieval Lock/Unlock codes. Assign Voice C-overage/Principal Message Retrieval Access Codes.**
- **Feature Related System Parameters Form—Complete "Stations Withs System-wide Retrieval Permission" section.**
- **Station Form—Complete the Security Code field for each voice terminal.**

Hardware Requirements

Requires a TN725 Speech Synthesizer circuit pack. No additional software is required.

Voice Terminal Display

Provides multi-appearance voice terminal users with updated call and message information. This information is displayed on a display-equipped terminal. The information displayed depends upon the display mode selected by the user.

Administration

To implement this feature, the following form(s) or sections of the form(s) must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
7405D Voice Terminal	D401A Display Module Feature Button Assignment	6-341	7-176
Display Module	All	6-82	7-68

- **Station Form for 7405D—Complete "D401A Display Module" section. Complete all sections of the associated Display Module Form. One "Normal" button must be assigned to either the display module or the voice terminal.**

  Assign the following buttons per display module:

  - **normal**
  - **inspect**
  - **stored-num**
  - **date-time**
  - **timer**
  - **directory**
  - **msg-retr**
  - **cov-msg-rt**
  - **next**
  - **delete-msg**
  - **call-disp**

Hardware Requirements

A port on a TN754 Digital Line circuit pack must be assigned to the 7405D voice terminal before this feature can be implemented. The voice terminal must have a digital display module.

Voice Terminals

Voice terminals combine the capabilities of both telephone and computer and have a variety of controlling and monitoring capabilities. While providing basic telephone service (placing and answering calls), voice terminals can also be used to activate the advanced features of the system. The system supports both single-line and multi-appearance voice terminals. A single-line voice terminal can have only one incoming call appearing at the terminal at a time. Multi-appearance voice terminals can have from one to a maximum of ten calls appearing at the terminal at the same time.

Each terminal to be assigned in the system must have associated system forms completed. Several terminals that are used in other systems and in System 75 do not have unique system forms. These terminals are assigned in the system using an existing form, as applicable.

Administration

The following voice terminals are administerable on the System 75:

- **10-Button MET Voice Terminal**
- **20-Button MET Voice Terminal**
- **30-Button MET Voice Terminal**
- **500 Voice Terminal**
- **510D Personal Terminal**
- **513 Business Communications Terminal (BCT)**
- **515 Business Communications Terminal (BCT)**
- **2500 Voice Terminal**
- **7101A Voice Terminal**
- **7103A Voice Terminal**
- **7303S Voice Terminal**
- **7305S Voice Terminal**
- **7309H Voice Terminal**
- **7401 D Voice Terminal**
- **7403D Voice Terminal**
- **7404D Voice Terminal**

- **7405D Voice Terminal**
- **7406D Voice Terminal**
- **7407D Voice Terminal**
- **Personal Computers (PC)/PBX Connection**

To assign voice terminals in the system, refer to the appropriate terminal in this section

Wide Area Telecommunications Service (WATS) Trunk Group

A WATS Trunk Group provides for trunk connections between the System 75 and a WATS (or 800 Service) office.

Administration

To assign a WATS Trunk Group, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
WATS Trunk Group	All	2-101	7-148

- **WATS Trunk Group Form—Complete all sections as required.**

Hardware Requirements

A port on a TN747 CO Trunk circuit pack is required for each WATS trunk to be assigned. A TN747 provides eight ports.

10-, 20-, 30-Button MET Voice Terminal

Administration

To administer a 10-, 20-, or 30-Button MET Voice Terminal, the following form must be completed.

F O R M	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—1O-, 20-, or 30-Button Voice Terminal	All	6-181 6-192 6-204	7-151 7-152 7-154

Hardware Requirements

A port is required on a TN735 circuit pack for each 10-, 20-, or 30-button Multi-Button Electronic Telephone (MET) to be assigned. A TN735 provides four ports.

500 Voice Terminal

Administration

To administer a 500 Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—500 Voice Terminal	**All**	**6-216**	**7-156**

Hardware Requirements

A port is required on a TN742 or a TN746 Analog Line circuit pack for each 500 voice terminal to be assigned. A TN742A or a TN742B provides eight ports and a TN746 provides 16 ports.

510D Personal Terminal

Administration

To administer an AT&T Personal Terminal 510D, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—510D Personal Terminal	All	**6-221**	**7-157**

Hardware Requirements

A **port is required on a TN754 Digital Line circuit pack for each 510D to be assigned. A TN754 provides eight ports.**

515 Business Communications Terminal (BCT)

Administration

To administer a 515 BCT, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—51 5 BCT	All	6-236	7-161

Hardware Requirements

None.

2500 Voice Terminal

Administration

To administer a 2500 Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—2500 Voice Terminal	All	6-250	7-163

Hardware Requirements

A port is required on a TN742, TN746, or TN769 Analog Line circuit pack for each 2500 voice terminal to be assigned. A TN742A, TN769, or TN742B provides 8 ports and a TN746 provides 16 ports.

7101A Voice Terminal

Administration

To administer a 710IA Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station-7101A voice Terminal	All	6-255	7-164

Hardware Requirements

A port is required on a TN742, TN769, or TN746 Analog Line circuit pack for each 7101A voice terminal to be assigned. A TN742A, TN769, or TN742B provides 8 ports and a TN746 provides 16 ports.

7103A Voice Terminal

Administration

To administer a 7103A Voice Terminal, complete the following form,

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—7103A Voice Terminal	**Ail**	**6-260**	**7-165**

Hardware Requirements

A port is required on a TN742, TN769, or TN746 Analog Line circuit pack for each 7103A voice terminal to be assigned. A TN742A, TN769, or TN742B provides 8 ports and a TN746 provides 16 ports.

7303S Voice Terminal

Administration

To administer a 7303S Voice Terminal, the following form must be completed:

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—7303S Voice Terminal	All	**6-265**	**7-166**

Hardware Requirements

A port is required on a TN762 Hybrid Line circuit pack for each 7303S voice terminal to be assigned. A TN762 provides eight ports.

7305S Voice Terminal

Administration

To administer a 7305S Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—7305S Voice Terminal	**All**	**6-277**	**7-167**

Hardware Requirements

A port is required on a TN762 Hybrid Line circuit pack for each 7305S voice terminal to be assigned. A TN762 provides eight ports.

7309H Voice Terminal

Administration

To administer a 7309H Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—7309H Voice Terminal	All	6-290	7-169

Hardware Requirements

A port is required on a TN762 Hybrid Line circuit pack for each 7309H voice terminal to be assigned. A TN762 provides eight ports.

7401D Voice Terminal

Administration

To administer a 7401D Voice Terminal, complete the following form. A 7401D Voice Terminal is assigned using a 7403D Voice Terminal form.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station-7403D Voice Terminal	All	6-312	7-171

Hardware Requirements

A port is required on a TN754 Digital Line circuit pack for each 7401 D voice terminal to be assigned.

7403D Voice Terminal

Administration

To administer a 7403D Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—7403D Voice Terminal	All	6-312	7-171
Station—PC Voice Terminal	All	6-390	7-186

- **Station—PC Voice Terminal (PC/PBX Connection) Form—If 7403D is connected to a Personal Computer, complete applicable fields.**

Hardware Requirements

A port is required on a TN754 Digital Line circuit pack for each 7403D voice terminal to be installed. A TN754 provides eight ports.

7404D Voice Terminal

Administration

To administer a 7404D Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—7404D Voice Terminal	All	6-325	7-173
Station—PC Voice Terminal	All	6-390	7-186

- **Station—PC Voice Terminal (PC/PBX Connection) Form—If the 7404D is connected to a personal computer, complete applicable fields.**

Hardware Requirements

A port is required on a TN754 Digital Line circuit pack for each 7404D voice terminal to be installed. A TN754 provides eight ports.

7405D Voice Terminal

Administration

To administer a 7405D Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—7405D Voice Terminal	All	6-341	7-176
Station—PC Voice Terminal	All	6-390	7-186

- **Station—PC Voice Terminal (PC/PBX Connection) Form—If the 7405D is connected to a personal computer, complete applicable fields.**

Hardware Requirements

A port is required on a TN754 Digital Line circuit pack for each 7405D voice terminal to be installed. A TN754 provides eight ports.

7406D Voice Terminal

Administration

To administer a 7406D Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—7406D Voice Terminal	All	6-357	7-179
Station—PC Voice Terminal	All	6-390	7-186

- **Station—PC Voice Terminal (PC/PBX Connection) Form—If the 7406D is connected to a personal computer, complete applicable fields.**

Hardware Requirements

A port is required on a TN754 Digital Line circuit pack for each 7406D voice terminal to be installed. A TN754 provides eight ports.

7407D Voice Terminal

Administration

To administer a 7407D Voice Terminal, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station—7407D Voice Terminal	All	6-373	7-182
Station—PC Voice Terminal	All	6-390	7-186

- **Station—PC Voice Terminal (PC/PBX Connection) Form—if the 7407D is connected to a personal computer, complete applicable fields.**

Hardware Requirements

A port is required on a TN754 Digital Line circuit pack for each 7407D voice terminal to be installed. A TN754 provides eight ports.

Personal Computer (PC) 6300 & 7300/Private Branch Exchange (PBX) Connection

Allows a 7403D, 7404D, 7405D, 7406D, and 7407D voice terminal to be connected to an AT&T PC6300, PC7300, or other compatible personal computer. A PC can also be connected to the System 75 using a TN726 Data Line circuit pack. Figure 5-43 shows the AT&T PCs connected to 7403D, 7404D, and 7405D voice terminals. The connection allows you to gain access to a variety of host computers, allowing your PC to act as a terminal for the host computer.

Administration

To administer a Personal Computer, the following form must be completed.

FORM	FIELD	FORM INSTRUC-TIONS (Page #)	BLANK FORM (Page #)
Station-PC Voice Terminal	All	6-390	7-186
Data Line Data Module	All	6-57	7-60

- **Station-PC Voice Terminal Form—Complete one Station-PC Voice Terminal Form for each PC connected to a voice terminal.**
- **Data Line Data Module Form—Complete one form for each PC 6300/7300 connected to a TN726 Data Line circuit pack. (See Data Terminals and Personal Computer Table.)**

Hardware Requirements

A port is required on a TN754 Digital Line or TN726 Data Line circuit pack for each Personal Computer to be installed. The TN754 and TN726 provide eight ports.

Software Requirements

The PC/PBX software package must be used for the PC. Three different software packages can be used (Packages 1, 3, or 5).

Package 1 provides features such as keyboard dialing, personal phone directory, directory dialing, and message retrieval. The hardware of the voice terminal includes a 7404D terminal and a cartridge plugged into the 7404D.

Package 3 provides the same features as Package 1 plus a call log, higher file transfer rates, and the ability to take notes on calls. This package requires an expansion board to be installed in the PC.

Package 5 allows the 6300 or compatible computer to emulate a 3278/3279 terminal. Package 5 is a software enhancement for Package 3 and works with Package 3 hardware and software.

For more information on Packages 1, 3, and 5, see *PC/PBX Connection Switch Administration,* 555-016-501.

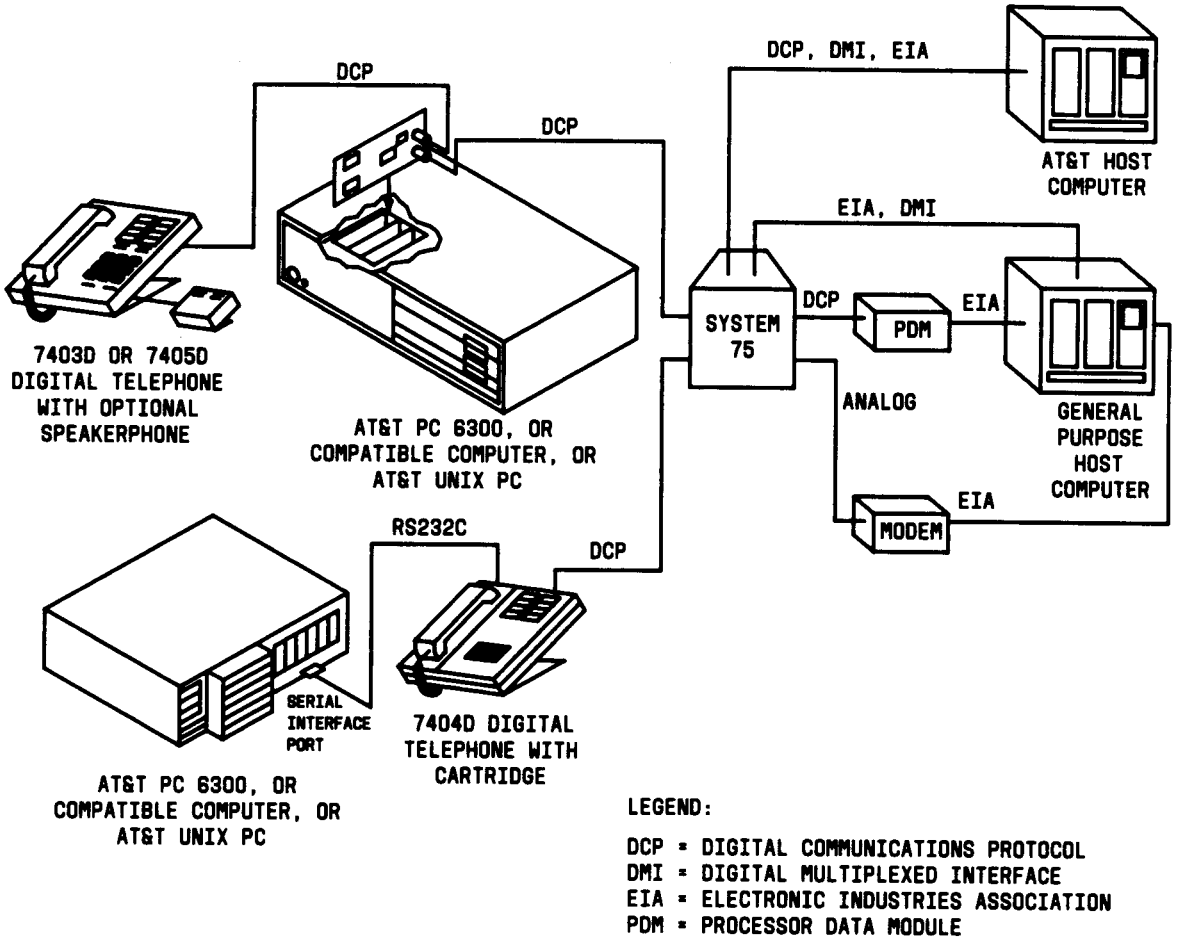


Figure 5-43. PC/PBX Connections Using a 7403D, 7404D, or 7405D Voice Terminals

CHAPTER 6. SYSTEM FORMS

Overview

The System Forms and instructions required to implement system and terminal features, functions, and services are provided in this Chapter. The forms provide an accurate representation of the screens that will be displayed on the System Access Terminal during system initialization and system administration. Default data that is shown when the form is displayed is provided on the forms. Blank forms without default data are provided in Chapter 7. Reproduce the blank forms as needed. After system initialization, retain the forms for permanent records.

Some instructions for the forms tell the user not to make an entry for a specific field because the information has been preprinted. The preprinted information, for example, usually applies to the Type field on trunks, data modules, and voice terminal forms and the Physical Channel field on certain data module forms. The preprinted information helps eliminate some writing when entering information on the form.

Any instruction that has the preprinted statement means the information entered is the only type of entry for that field. The information entered on this field can only be one entry such as "co" for central office trunk, or "7403D" for a 7403D voice terminal. Each voice terminal in this section has its own form so the preprinted voice terminal type is provided.

The preprinted information, like all other entries on the form, must be entered in system translations during system initialization or on-going system administration. Preprinted information is also provided on the blank forms.

Abbreviated Dialing—Enhanced List

Purpose

This form is used to implement an Enhanced Abbreviated Dialing List. One Enhanced List can be assigned. The Enhanced List consists of ten separate forms numbered from O to 9 which allow the user to assign up to 1000 enhanced dial code entries. The forms used to enter the 1000 enhanced dial code list entries are divided as follows:

- **Form O is used to assign dial code list entries 000 through 099**
- **Form 1 is used to assign dial code list entries 100 through 199**
- **Form 2 is used to assign dial code list entries 200 through 299**
- **Form 3 is used to assign dial code list entries 300 through 399**
- **Form 4 is used to assign dial code list entries 400 through 499**
- **Form 5 is used to assign dial code list entries 500 through 599**
- **Form 6 is used to assign dial code list entries 600 through 699**
- **Form 7 is used to assign dial code list entries 700 through 799**
- **Form 8 is used to assign dial code list entries 800 through 899**
- **Form 9 is used to assign dial code list entries 900 through 999**

Instructions

The forms on the next two pages are for Form O (000 through 099). Make assignments as required for the following fields:

- **Size (multiple of 5)—Enter the number of dial code list entries that can be entered on the form. Up to 100 entries per form are allowed. The size must be entered in multiples of 5 up to 100.**
- **Privileged—Enter "y" or "n." If y is entered, the originating party's class of restriction is never checked and any abbreviated calling number in the list will be processed. If "n" is entered, the class of restriction is checked to determine if the number can be processed.**
- **DIAL CODE—Enter the abbreviated dialing codes you want to assign to the group. Up to 24 characters can be used to assign numbers. Special characters count as two characters.**

Allowable entries for abbreviated dialing codes:

- **digits O to 9**
- *** (star) used for feature activation code**
- **# (pound) used for feature deactivation code**
- **Special characters:**
  - **˜p (pause)**
  - **˜w (wait)**
  - **˜m (mark)**
  - **˜s (suppress)**

See Abbreviated Dialing in the *AT&T System 75—Feature Description,* 555-200-201, for a more detailed description of special characters.

Page 1 of 4

ABBREVIATED DIALING LIST

Enhanced List

Size (multiple of 5): 5 Privileged? n

DIAL CODE

000:		015:	
001:		016:	
002:		017:	
003:		018:	
004:		019:	
005:		020:	
006:		021:	
007:		022:	
008:		023:	
009:		024:	
010:		025:	
011:		026:	
012:		027:	
013:		028:	
014:		029:	

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ABBREVIATED DIALING LIST

Enhanced List

DIAL CODE

030:		045:	
031:		046:	
032:		047:	
033:		048:	
034:		049:	
035:		050:	
036:		051:	
037:		052:	
038:		053:	
039:		054:	
040:		055:	
041:		056:	
042:		057:	
043:		058:	
044:		059:	

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ABBREVIATED DIALING LIST

Enhanced List

DIAL CODE

060:		075:	
061:		076:	
062:		077:	
063:		078:	
064:		079:	
065:		080:	
066:		081:	
067:		082:	
068		083	
069		084	
070		085	
071		086	
072		087	
073		088	
074:		089:	

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ABBREVIATED DIALING LIST

Enhanced List

DIAL CODE

090	
091	
092	
093	
094	
095:	
096:	
097:	
098:	
099:	

Abbreviated Dialing—Group List

Purpose

This form is used to implement the group abbreviated dialing list. Up to 100 group lists can be implemented.

instructions

Make assignments, as required, for the following fields:

- **Group List—Enter a group number from 1 through 100.**
- **Size (multiple of 5)—Enter the number of abbreviated dialing codes you want to assign. The number must be entered in multiples of five, for example, 5, 10, 15. Up to 90 can be entered.**
- **Privileged—Enter "y" or "n." If y is entered, the calling voice terminal's class of restriction is never checked and any number in the group list will be processed. If "n" is entered, the calling voice terminal's class of restriction is checked to determine if the number can be processed.**
- **DIAL CODE—Enter the abbreviated dialing codes you want to assign to the group. Up to 24 characters can be used to assign numbers. Special characters (below) count as two characters.**

  Allowable entries for abbreviated dialing codes:

  — digits O to 9

  — * (star) used for feature activation code

  — # (pound) used for feature deactivation code

  — Special characters:

  ˜p (pause)

  ˜w (wait)

  ˜m (mark)

  ˜s (suppress)

  See Abbreviated Dialing in the *AT&T System 75—Feature Description,* 555-200-201, for a more detailed description of special characters.

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ABBREVIATED DIALING LIST

Group List: _____

Size (multiple of 5): 5 Privileged? n

DIAL CODE

11:		26	
12:		27	
13		28	
14		29	
15		30	
16		31	
17		32	
18		33	
19:		34	
20:		35	
21		36	
22		37	
23		38	
24:		39:	
25:		40:	

Implementation Note:

The default value for Size is 5. Therefore, only DIAL CODES 11 through 15 will be present initially. If Size equals 35 through 60, this form becomes 2 pages. If Size equals 65 through 90, this form becomes 3 pages.

Abbreviated Dialing—Personal List

Purpose

This form is used to establish a personal dialing list for voice terminal/data module users. The personal list must be assigned to the voice terminal first before the system allows you to add a personal list. Up to 800 personal lists can be implemented.

Instructions

Make assignments as required for the following fields:

- **PersonalLIst—Enter the extension number of the voice terminal that will use this list.**
- **List Number—Enter a number from 1 through 3. This number identifies each of the three personal lists that can be assigned to the voice terminal.**
- **Size (multiple of 5)—Enter the number of personal abbreviated dialing numbers you want to assign in multiples of five, for example, 5 or 10.**
- **DIAL CODE—Enter the abbreviated dialing code numbers. Up to 24 characters can be used for numbers. (Special characters count as two characters.) The voice terminal users can program their own list from their voice terminal once the blank personal list has been implemented in the system.**

  Allowable entries for abbreviated dialing codes:

  — digits O to 9

  — *(star) used for feature activation code

  — # (pound) used for feature deactivation code

  — Special characters:

  ˜p (pause)

  ˜w (wait)

  ˜m (mark)

  ˜s (suppress)

  See Abbreviated Dialing in the *AT&T System 75—Feature Description,* 555-200-201, for a more detailed description of special characters.

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ABBREVIATED DIALING LIST

Personal List:: _____ List Number: _

Size (multiple Of 5): 5

DIAL CODE

1: _____	6: _____
2: _____	7: _____
3: _____	8: _____
4: _____	9: _____
5: _____	10: _____

Implementation Note:

The default value for Size is 5. Therefore, only DIAL CODES 1 through 5 will be present initially. If Size equals 10, then DIAL CODES 6 through 10 will represent.

Abbreviated Dialing—System List

Purpose

This form is used to implement a system abbreviated dialing list. Only one system list can exist and it can be changed only by the System Manager.

Instructions

Make assignments as required for the following fields:

- **Size (multiple of 5)—Enter the number of abbreviated dialing codes you are going to assign. This number should be entered in multiples of five, for example, 5, 10, 15. Up to 90 can be entered.**
- **Privileged—Enter "y" or "n." If "y" is entered, the originating party's class of restriction is never checked and any abbreviated calling number in the list will be processed. If "n" is entered, the class of restriction is checked to determine if the number can be processed.**
- **DIAL CODE—Enter the abbreviated dialing telephone numbers you want to assign for company numbers. Up to 24 characters 'can be used for each code (this includes special characters which count as two characters). A maximum of 90 numbers can be assigned.**

  Allowable entries for abbreviated dialing codes:

  — digits O to 9

  — * (star) used for feature activation code

  — # (pound) used for feature deactivation code

  — Special characters:

  ~p (pause)

  ~w (wait)

  ~m (mark)

  ~s (suppress)

  See Abbreviated Dialing in the *AT&T System 75—Feature Description*, 555-200-201, for a more detailed description of special characters.

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ABBREVIATED DIALING LIST

System List

Size (multiple of 5): 30 Priviledged? n

DIAL CODE

11:		26:	
12:		27:	
13:		28:	
14:		29:	
15:		30:	
16:		31:	
17:		32:	
18:		33:	
19:		34:	
20:		35:	
21:		36:	
22:		37:	
23:		38:	
24:		39:	
25:		40:	

Implementation Note:

The default value for Size is 5. Therefore, only DIAL CODEs 11 through 15 will be present initially. If Size equals 35 through 60, this form becomes two pages. If Size equals 65 through 90, this form becomes three pages.

Abbreviated Dialing—7103A List

Purpose

This form is used to assign abbreviated calling codes and voice terminal features to the 7103A voice terminal buttons. This form applies only to 7103A fixed feature voice terminals. Only one 7103A list can be implemented per system.

Instructions

In the following, the numbers (1 to 8) relate to the buttons on the 7103A voice terminal. This form applies to all 7103A fixed feature voice terminals in the system.

- **DIAL CODE (FOR THE 7103A STATION BUTTONS)-enter the desired special character used for abbreviated dialing or enter a digit from O through 9. Any additions or changes made to the 7103A voice terminal buttons shown apply to all 7103A fixed feature voice terminals.**

  Allowable entries for abbreviated dialing codes:

  — digits O to 9

  — *(star) used for feature activation code

  — # (pound) used for feature deactivation code

  — Special characters:

  ˜p (pause)

  ˜w (wait)

  ˜m (mark)

  ˜s (suppress)

  See Abbreviated Dialing in the *AT&T System 75—Feature Description,* 555-200-201, for a more detailed description of special characters.

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ABBREVIATED DIALING LIST

7103A Button Assignment

DIAL CODE FOR THE 7103A STATION BUTTONS)

1:	_____	5	_____
2:	_____	6	_____
3:	_____	7	_____
4:	_____	8:	_____

Allowed Calls List

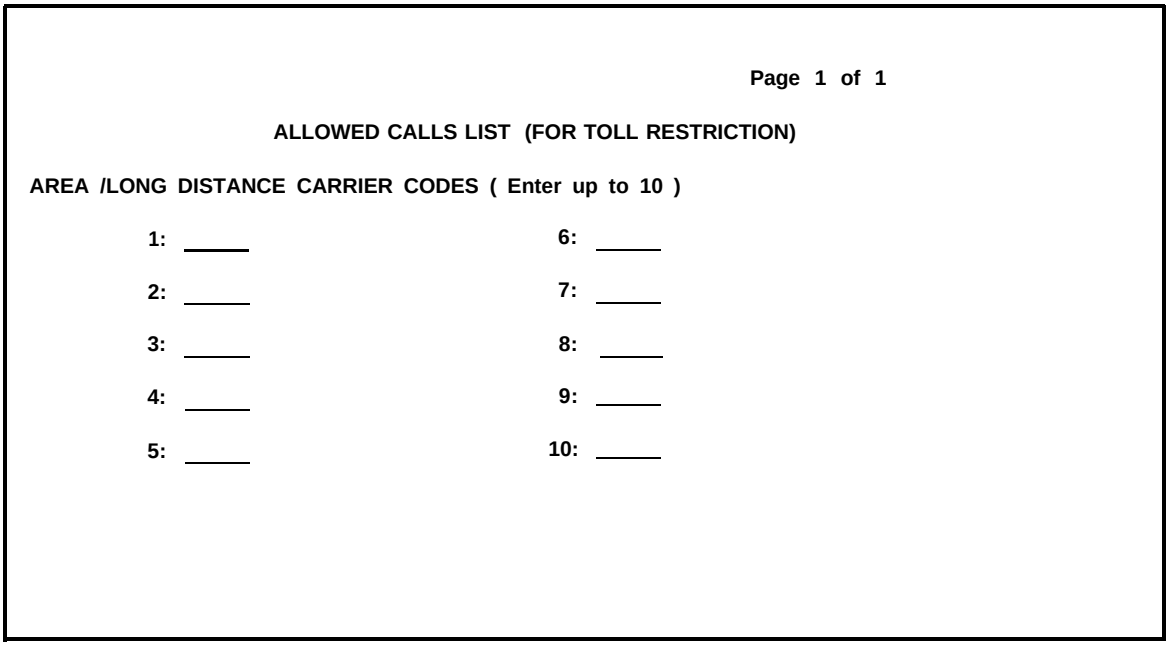
Purpose

This form is used to assign up to ten codes; for example, Area Codes, local office codes, or long-distance carrier codes that can be dialed independently of the 0/1 toll restriction.

Instructions

Make assignments as required for the following fields:

- **AREA/LONG DISTANCE CARRIER CODES (Enter up to 10)—enter up to ten Area Codes, local office codes, long-distance carrier codes, or service codes that will be allowed. A calling party that is 0/1 toll restricted can make all local central office calls, but can make only a few toll calls and special service code calls as defined in the Allowed Calls list for Toll Restriction.**



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ALLOWED CALLS LIST (FOR TOLL RESTRICTION)

AREA /LONG DISTANCE CARRIER CODES (Enter up to 10)

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

Attendant Console

Purpose

This form is used to assign the following items on the Attendant Console:

- **Console Number**
- **Port Assignment**
- **Console Type**
- **Features to administrable buttons.**

Instructions

Make assignments as required for the following fields:

- **ATTENDANT CONSOLE—Enter a console number from 1 through 7.**
- **Extension—Enter the extension for the individual attendant console. If an extension is not assigned, then the attendant can only be addressed as a member of the attendant group.**
- **Name—Enter the name of this console (up to 15 characters). This field may not be blank.**
- **Console Type—Enter the intended use for this console; the choices are "principal," "day-only, " "night-only," or "day/night."**
- **COS—Enter the class of service (COS) for this attendant console (O to 15).**
- **Auto Answer—Enter "y" if the attendant console has auto answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered without any action (no button presses required) by the attendant.**
- **Port-Enter one letter and a 4-digit number. Each attendant console requires a port on a TN754 Digital Line circuit pack. (Refer to Port Assignment Record.) For reliability, the attendant consoles should not be assigned to the same TN754 circuit pack. For example, if three attendant consoles are implemented, assign each console to a port on three separate TN754 Digital Line circuit packs. However, all attendant consoles can be connected to one TN754 Digital Line circuit pack.**
- **COR—Enter the desired class of Restriction (COR) for this attendant console (O to 63) that reflects a desired customer restriction.**
- **DIRECT TRUNK GROUP SELECT BUTTON ASSIGNMENTS—Enter the Trunk Access Codes (TACS) for local and remote PBXS. (There are fields for one local TAC and one remote TAC per button labeled Local and Remote.) Remote TACS are only useful in a DCS network. If a remote TAC is given, then the local TAC must refer to a trunk group that connects directly to the remote PBX. See Figure 6-1 for button location and assignment.**

- **HUNDREDS SELECT BUTTON ASSIGNMENTS—Enter the hundreds group to be associated with each of the buttons. These buttons are used with the selector console (if provided). See Figure 6-2 for button location and assignment. The hundreds group represents all but the last two digits of an extension number (for example, the Hundreds Select Button for extension 3822 would be "38"; the Hundreds Select Button for extension 27105 would be "271").**

- **FEATURE BUTTON ASSIGNMENTS—(Page 2 of this form) enter the desired features or functions from Tables 6-A through 6-C you want to assign to the attendant console. The fixed buttons which cannot be changed are shown on the form. See Figure 6-3 for button assignment and location.**

- **DISPLAY MODULE BUTTON ASSIGNMENTS—(Page 3 of this form) Enter the desired feature or functions from Table 6-D. See Figure 6-1 for button assignment and location.**

Page 1 of 3

ATTENDANT CONSOLE __

Extension: Name: _____

Console Type: _____ COS: 1_ Auto Answer? n_

Port : COR: 1_

DIRECT TRUNK GROUP SELECT BUTTON ASSIGNMENTS (Trunk Access Codes)

	Local	Remote		Local	Remote
1:	__	___	7:	__	___
2:	__	___	8:	__	___
3:	__	___	9:	__	___
4:	___	___	10:	__	___
5:	__	___	11:	__	___
6:	__	___	12:	__	___

HUNDREDS SELECT BUTTON ASSIGNMENTS

1:	__	5:	___
2:	__	6:	__
3:	__	7:	__
4:	__	8:	__

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ATTENDANT CONSOLE

FEATURE BUTTON ASSIGNMENTS

1:	split	13:	
2:		14:	
3:		15:	
4:		16:	
5:		17:	
6:	hold	18:	
7:		19:	forced-rel
8:		20:	
9:		21:	
10:		22:	
11:		23:	night-serv
12:		24:	pos-busy

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ATTENDANT CONSOLE

DISPLAY MODULE BUTTON ASSIGNMENTS

1: normal	5: delete-msg
2: inspect	6: call-disp
3: cov-msg-rt	7: date-time
4: next	8: timer

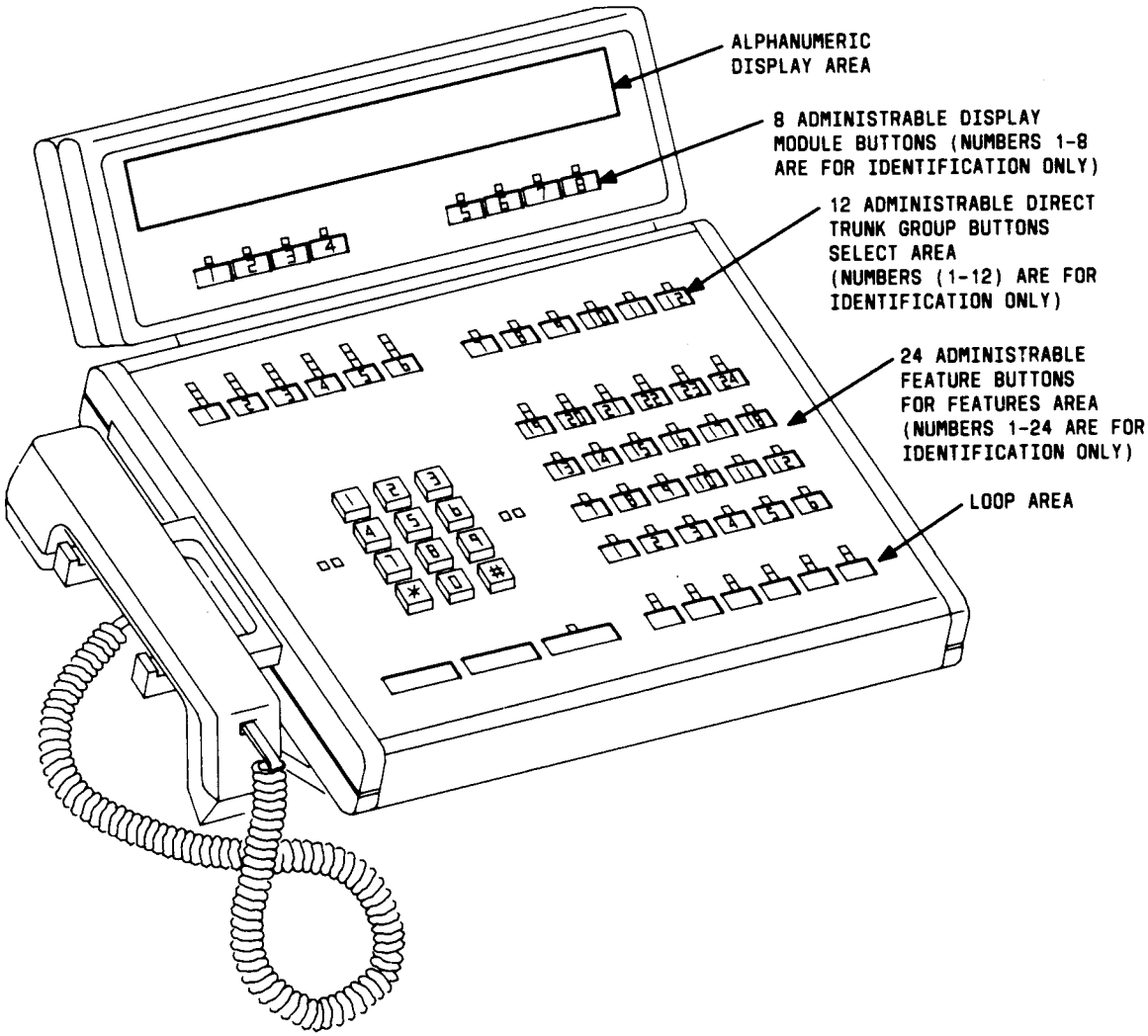

Figure 6-1. Attendant Console Button Assignments—Including Alphanumeric Display

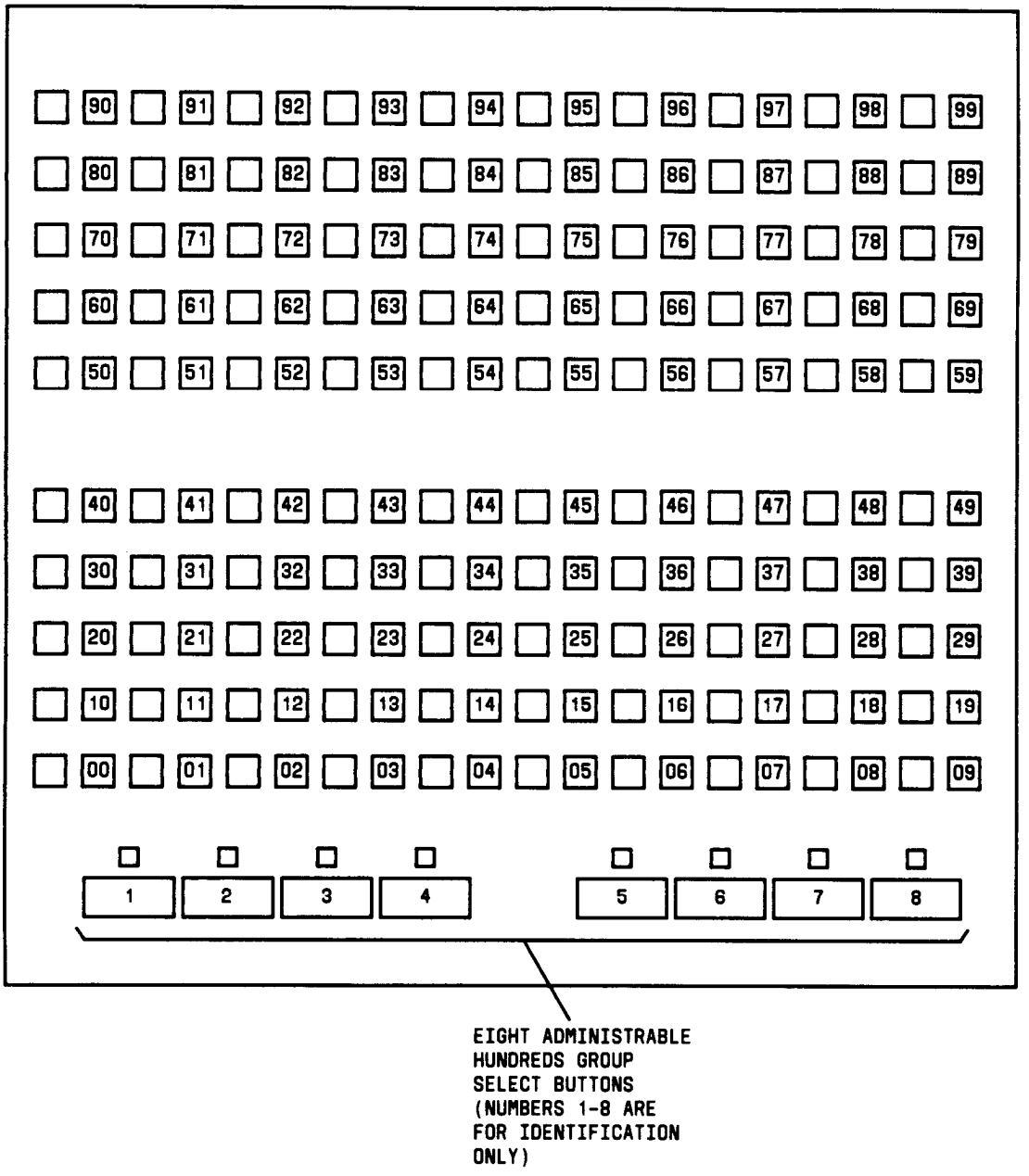

Figure 6-2. Optional Selector Console Administrable Hundreds Group Select Buttons—Attendant Console Form

Table 6-A. Attendant Console 24-Button Assignment

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (List:____ DC:____)	N	1
AP Demand Print	Print Msgs	print-msgs	1	
Attendant Display	Stored Number	stored-num	1	
Ringing	In Aud Off	in-ringoff	1	
Attendant Console (Calls Waiting)	CW Aud Off	cw-ringoff	1	
Attendant Control of Trunk Group Access (Activate)	Cont Act	act-tr-grp	1	
Attendant Control of Trunk Group Access (Deactivate)	Cont Deact	deact-tr-g	1	
Attendant Display	Inspect Mode	inspect	1	
Attendant Display	Normal Mode	normal	1	
Attendant Display (Elapsed Time)	Timer	timer	1	
Automatic Circuit Assurance	ACA	aca-call	1 per system	
Busy Verification	Busy Verify	verify	1	
Call Coverage	Cover Cback	cov-cback	1	

- N = any number of buttons on the attendant console can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-A. Attendant Console 24-Button Assignment (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Call Coverage Attendant Display	Cover Msg Rt	cov-msg-rt	1	
Call Coverage	Consult	consult	1	
	Call Coverage	Go To Cover	goto-cover	1
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1	
Class of Restriction	Class of Restriction	class-rstr		
Date and Time Attendant Display	Date/Time	date-time	1	
Facility Busy Indication	Busy (trunk or extension#)	busy-ind (TAC/Ext: _)	1	
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	PMS Failure	pms-alarm	1 per system	
Integrated Directory	Integrtd Directory	directory	1	
Incoming Call Identification	Coverage (Group number, type, name, or ext.#)	in-call-id	N	
Leave Word Calling	LWC	lwc-store	1	
Leave Word Calling	Cancel LWC	lwc-cancel	1	

- **N = any number of buttons on the attendant console can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-A. Attendant Console 24-Button Assignment (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling Attendant Display	Delete Msg	delete-msg	1	
Leave Word Calling Attendant Display	Next	next	1	
Leave Word Calling Attendant Display	Call Display	call-disp	1	
Leave Word Calling (Remote Message Waiting)	Msg (name or extension #)	aut-msg-wt (Ext:____)	N	
Link Failure	Link Failure (Link No.__)	link-alarm (Link No.__)	10 per system	2
Make Busy	Auxiliary Work	aux-work	N	
Priority Calling	Prior Call	priority	N	
System Reset Alert	System Reset Alert	rs-alert		
Timed Reminder	RC Aud Off	re-ringoff	1	
Trunk Identification		trk-id	1	
Trunk Group Name Attendant Display	Trunk name	trunk-name	1	

Notes:

1. List: List number 1 to 3 where the destination number is stored.

   DC: Dial codes of destination number.

2. Link: A link number (1 to 4).

Table 6-B. Attendant Console—ACD Button Assignments

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Agent Call Handling	After Call Work	after-call (Grp. No.___)	N	1
	Assist	assist (Grp. No:___)	1 per split group	1
	Auto In	auto-in (Grp. No.___)	1 per split group	1
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	1
	Manual-In	manual-in (Grp. No.___)	1 per split group	1
	Release	release	1	
Night Service	Hunt Group	hunt-ns (Grp. No.___)	3 per hunt group	2
	Trunk Grp.	trunk-ns (Grp. No.___)	3 per trunk group	3
Queue Status Indications	AQC	atd-qcalls (Grp:___)	1 per hunt group	
	AQT	atd-qtime (Grp:___)		4
	AQC	q-calls (Ext:_)	1 per hunt group	5
	OQT	q-time (Ext:_)	1 per hunt group	5

See notes on next page.

***N = any number of buttons on the attendant console can be assigned to this feature or function.**

Table 6-B. Attendant Console—ACD Button Assignments (Contd)

Notes:

1. **Grp:** The split group number for ACD (1 to 32).
2. **Grp:** A hunt group number (1 to 32).
   For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
3. **Grp:** A trunk group number (1 to 99).
   For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 5).
4. **Grp:** Group number of hunt group.
5. **Grp:** Extension number of hunt group.

Table 6-C. Attendant Console—Hospitality Button Assignments

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Automatic Wakeup	Auto Wakeup	auto-wkup	1	
Check In	Check In	check-in	1	
Check Out	Check Out	check-out	1	
Do Not Disturb	Do Not Disturb	dn-dst	1	
	Do Not Disturb Ext	ext-dn-dst	1	
	Do Not Disturb Grp	grp-dn-dst	1	
Emergency Access To the Attendant	Emerg. Access To Attndt	em-acc-att	1	
Message Waiting Notification	Message Waiting Activation	mwn-act	1	
	Message Waiting Deactivation	mwn-deact	1	

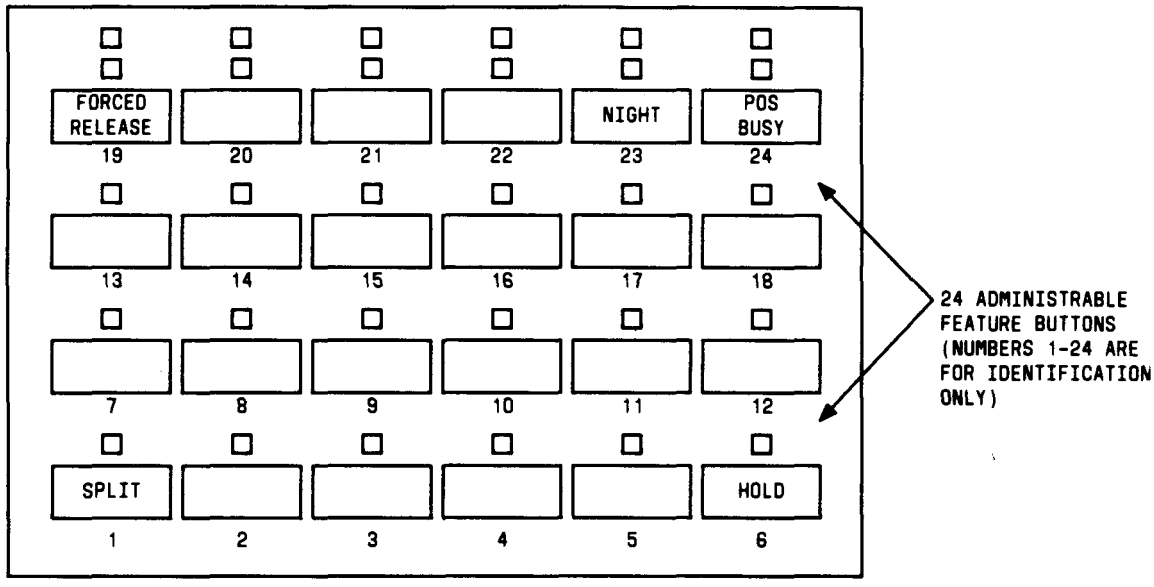

Figure 6-3. Attendant Console 24 Administrable Feature Button Number Assignments—Attendant Console Form

Table 6-D. Button or Feature Selection for Attendant Display Module Buttons 1-8

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED
Abbreviated Dialing	Stored Number	stored-num	1
Call Coverage/Digital Display	Cover Msg Rt	cov-msg-rt	1
Display Class of Restriction	COR	class-rstr	1
Date and Time Automatic	Date Time	date-time	1
Elapsed Time	Timer	timer	1
Inspect/Digital Display	Inspect Mode	inspect	1
Integrated Directory	Intgrtd Direct	directory	1
Leave Word Calling/Digital Display	Next	next	1
Leave Word Calling/Digital Display	Call Display	call-disp	1
Normal Mode/Digital Display	Normal Mode	normal	1

Authorization Codes

Purpose

This form is used to define the mapping between authorization codes and class of restrictions (CORS). The authorization code allows a voice terminal user and attendant to dial a 4- to 7-digit authorization code that overrides the Facility Restriction Level (FRL) and the CORS associated with incoming trunk groups, remote access trunk groups, or attendant consoles. Up to 96 different authorization codes can be assigned on one form and 5000 codes can be assigned for the system.

Instructions

Make assignments as required for the following fields:

- **Number of Codes Administered—This is a display field only that is the total of authorization codes administered.**
- **AC—Enter the 4- to 7-digit authorization code the user must dial. The number of digits entered must agree with the number assigned to the Authorization Code Length field on the Feature Related System Parameters form.**
- **COR—Enter the desired COR number from O through 63.**

Authorization Code - COR Mapping

Number of Codes Administered: _____

AC	COR	AC	COR	AC	COR	AC	COR	AC	COR	AC	COR

Call Coverage Answer Group

Purpose

This form is used to establish Call Coverage Answer Groups.

An answer group is a group of up to eight users who act as a coverage point for another user. For example, if three secretaries are responsible for answering a manager's redirected call, all three secretaries could be assigned to an answer group. The answer group is assigned a group number, and that group number appears in the manager's coverage path. All terminals in an answer group ring (alert) simultaneously. Any member of the group can answer the call.

Each coverage answer group is identified by a number from 1 through 200. The members of the group are identified by their extension number. Any installed voice terminal (but not attendants) can be assigned to a coverage answer group.

Instructions

Make assignments as required for the following fields:

- **Group Number—Enter a number from 1 through 200 to identify the group.**
- **Group Name—Enter the group name you want to use to identify this group. Up to 15 characters can be used, for example, typing pool, room 12, secy, etc.**
- **Ext—Enter the extension number for each member of this coverage answer group.**
- **Name—Make no entry in this field. The name is automatically assigned when the system is administered.**

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COVERAGE ANSWER GROUP

Group Number: __

Group Name: COVERAGE GROUP

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext	Name
1:			5:		
2:			6:		
3:			7:		
4:			8:		

Call Coverage Module

Purpose

The Call Coverage Module, when added to the 7405D Voice Terminal, provides additional buttons for bridged call appearances or features. This module cannot be used if a Display Module is being used on the same voice terminal.

This form must be filled out if "y" was entered on the "C401A Coverage Module" field for the 7405D Voice Terminal. When this form is completed, attach it to the Voice Terminal Form.

Instructions

Make assignments as required in the following fields:

- **Using the "Feature or Function" heading in Table 6-E, choose the features and/or functions desired for the Call Coverage Module.**
- **In each button field labeled 1 through 20, enter the abbreviated name for the feature and/or function chosen. See Figure 6-4 for the Call Coverage button locations.**

  Up to ten call appearance buttons can be distributed between a coverage module and the associated 7405D Voice Terminal.
- **Apply the punch-out button label(s) supplied with the call coverage module.**

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STATION

COVERAGE MODULE BUTTON ASSIGNMENTS

1:	_____	11:	_____
2:	_____	12:	_____
3:	_____	13:	_____
4:	_____	14:	_____
5:	_____	15:	_____
6:	_____	6:	_____
7:	_____	7:	_____
8:	_____	8:	_____
9:	_____	9:	_____
10:	_____	20:	_____

Table 6-E. Call Coverage Module Button Assignments

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (List:____ DC:____)	N	1
	Abrv Dial Program	abr-prog	1	
	Abrv Dial Suppress	abr-spchar (Char:~s)	N	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	N	2
	Assist	assist (Grp. No:___)	1 per split group	2
	Auto In	auto-in (Grp. No.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	2
	Manual-In	manual-in (Grp. No.___)	1 per split group	2
	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	
Automatic Callback	Automatic Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	(Ext. #)	brdg-appr	N	

*N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-E. Call Coverage Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Call Appearance	(Ext. #)	call-appr	10	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send Trm (Grp:____)	send-term (Grp:____)	N	
	Go To Coverage	goto-cover	1	
	Send All Calls	send-calls (Type:____ Grp:____)	1	3
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (Ext. # of Data Module)	data-ext (Ext:____)	N	
Facility Busy Indication	Busy (TAC or Ext #)	busy-ind (Ext:____)	N	4

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-E. Call Coverage Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	Maint Testing Hdwe	warn-alrm	10 per system	
Intercom-Automatic	Auto Icom (Ext #)	auto-icom (Grp:____ DC:____)	N	5
Intercom-Dial	Dial Icom	dial-icom (Grp:____)	N	6
Last Number Dialed	Last Numb Dialed	last-numb	1	
Leave Word Calling	Message (Ext # of Principal)	aut-msg-wt (Ext:____)	N	7
	Leave Word Calling	lwc-cstore	1	
Leave Word Calling/Digital Display	Cancel Leave Word	lwc-cancel	1	

*N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-E. Call Coverage Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Manual Signaling	Signal	signal (Ext:____)	N	
Message Waiting-Manual	Msg Wait (Ext # of Matching Button)	man-msg-wt (Ext:____)	N	8
Night Service Activation	Night Service	night-serv	1 per system	
Night Service	Hunt Group	hunt-nisrv (Grp. No.__)	3 per hunt group	
	Trunk Grp.	trk-ni-serv (Grp. No.__)	3 per trunk group	
Personal Central Office Line Groups	CO Lines	per-COline (Grp:____)	N	9
Priority Calling	Prior Call	priority	N	
Privacy-Manual Exclusion	Exclusion	exclusion	1	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observe	serv-obsrv	1	

*** N = any number of buttons on the module can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-E. Call Coverage Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
System Reset Alert	System Reset Alert	rs-alert	1	
Terminating Extension Group	Term Grp	term-x-gr (Grp:____)	N	10
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Call Coverage (Answer Group)	(Group Type) (Group #)	in-call-id (Type:____ Grp:____)	N	

*N = any number of buttons on the module can be assigned to this feature or function.

(See Notes on next page.)

Table 6-E. Call Coverage Module Button Assignments (Contd)

Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	DC:	Dial codes of destination number.
2.	Grp:	Split group number for ACD (1 to 32).
3.	Type:	An “e” for an individual extension, “t” for a terminating extension group.
	Grp:	The terminating extension group number (1 to 32).
4.	TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
5.	Grp:	Dial Icom group number (1 to 32). This extension and destination extension number must be in the same group.
6.	Grp:	Dial Icom group number (1 to 32).
7.	Ext:	Extension number of principal.
8.	Ext:	The destination extension.
9.	Grp:	Central Office line group numbers (1 to 40).
10.	Type:	A “c” for coverage answer group, “h” for a uniform call distribution or direct department calling group.
	Grp:	The number of the group (1 to 125 for “c” or 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

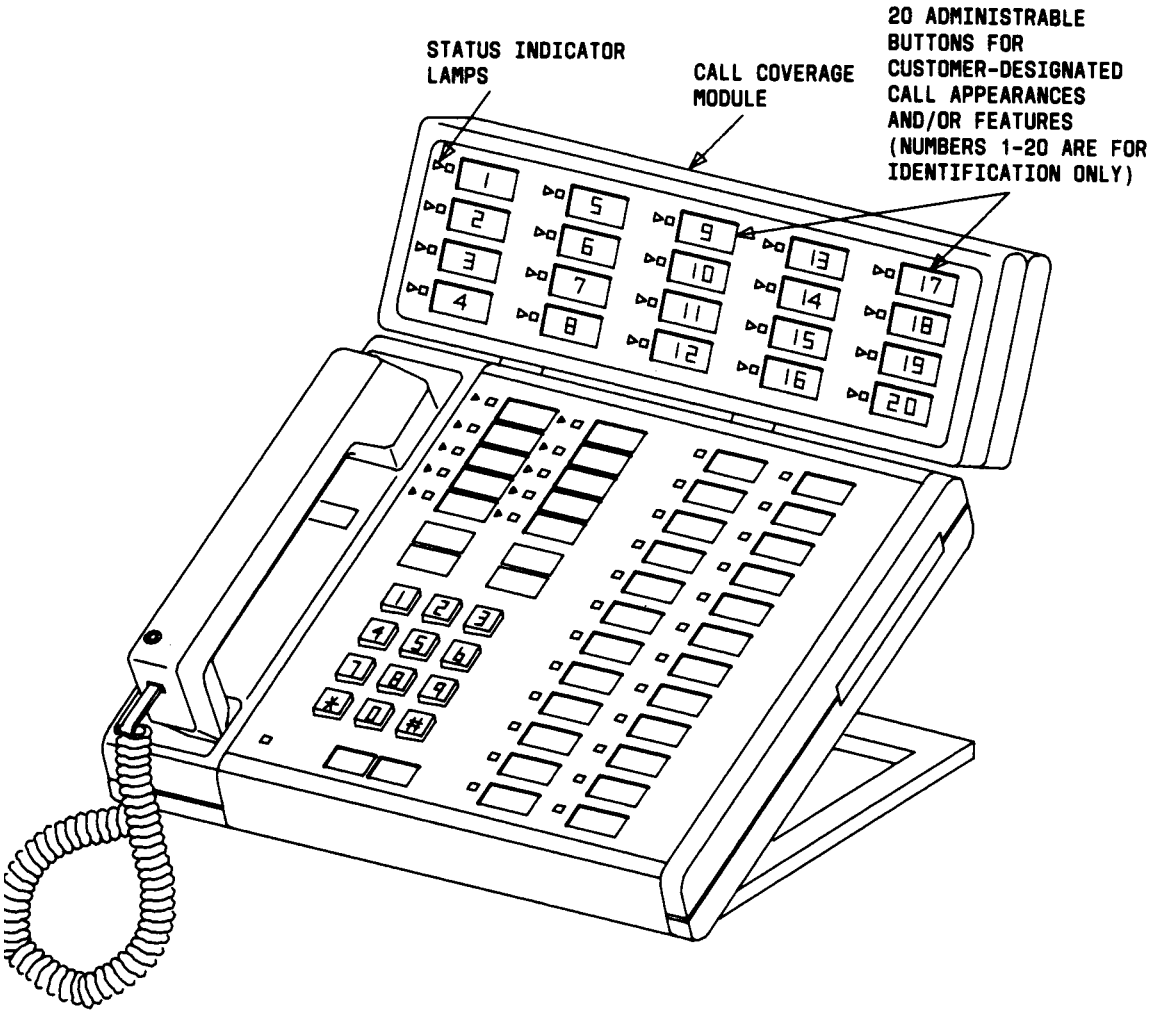


Figure 6-4. Model 7405D Voice Terminal With Optional Call Coverage Module and Administrable Button Assignments

Call Coverage Paths

Purpose

This form is used to implement Call Coverage paths. The form includes the don't answer time interval (number of rings), the call coverage criteria, and the points in the coverage path used to redirect calls.

Call coverage provides internal System 75 users with automatic redirection of call to answering positions. Both internal and outside calls may be redirected to coverage. Up to 400 coverage paths can be implemented.

Reproduce a blank form for each coverage path to be implemented.

Instructions

COVERAGE CRITERIA are the conditions that, when met, cause the call to redirect to coverage. Criteria are:

- **Active—means that at least one call appearance is busy.**
- **Busy—means that only one call appearance is idle.**
- **Don't Answer—means that the ringing has exceeded the preset number.**
- **All—means the users with this path assigned will never answer their own calls; instead, all calls go immediately to coverage.**
- **SAC/Go to Cover—allows users to temporarily direct all incoming calls to coverage regardless of the assigned Call Coverage redirection criteria. This feature also allows covering users to temporarily remove their voice terminals from the coverage path.**

Inside Call or Outside Call allows you to treat inside callers different from outside callers. For example, there may be a situation in which inside callers are routed to coverage only when the user doesn't answer. Conversely, outside calls may go to coverage when the user is either busy and/or doesn't answer.

Point1:, Point2:, and Point3: allows you to define the Call Coverage paths. Each coverage path can have up to three alternate answering points, any of which can be:

- **A Voice Terminal or Individual Attendant (an extension number of a user who will be responsible for answering another user's redirected calls)**
- **Recorded Announcement**
- **Audio Information Exchange (AUDIX)**
- **A Hunt Group Number (1-32)—For the Hospitality Parameter Reduction feature, enter a hunt group number from 1 to 5.**

— A Coverage Answer Group Number (1-200)

— The Attendant Group (0)

When entering data for the three coverage points, use the following notations:

— Use the letter "h" to indicate hunt followed by a hunt group number 1-32). For the Hospitality Parameter Reduction feature, enter a hunt group number from 1 to 5. For example, you would enter "h32" if you want a coverage point to be routed to hunt group number 32.

— Use the letter "c" to indicate coverage answer group followed by the coverage group number (1-200). For example, you would enter "cl 00" if you wanted a coverage point to be routed to call coverage answer group 100.

— Use a O (zero) if you want a coverage point to be an attendant.

— Use the extension number assigned to a voice terminal, announcement, and AUDIX.

Make assignments as required for the following fields:

- Coverage Path Number—Enter a number between 1 and 400 to identify the coverage path. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Next Path Number—Enter the number of the coverage path to which a call will be redirected depending on the criteria at the current path.

- Linkage—Is a display field that shows a maximum of two paths routed from the next call coverage path number. Figure 6-5 shows a typical linkage example, after adding four Coverage Paths (1, 2, 3, 4) with each path linked to the next path via the next Path Number field entry. The example shows Coverage Path 1 with Path 2 linked to Path 3 which is linked to Path 4 and shows how the four paths can be assigned and linked.

- Active, Busy, Don't Answer, Ail and SAC/Go to Cover—enter a y to activate that function; otherwise, enter n. This specifies the condition that, when met, causes a call to redirect to coverage.

- Number of Rings—Enter the number of rings from 1 to 99. Three rings is the recommended timing. This is the number of rings a user's voice terminal will ring before the switch sees a "no answer" condition and sends the call to the first coverage point.

- Point1:, Point2:, Point3:—Enter one of the following: an extension number for the voice terminal, AUDIX, announcement, h1-h32 (hunt), c1-c200 (coverage), or zero (0) for attendant. For the Hospitality Parameter Reduction feature, enter a hunt group number from 1 to 5. If O is entered and the system has CAS, the call will go to the CAS attendant. If a remote AUDIX in a DCS (remote AUDIX) feature is used, enter a hunt group number h1 to h32. The coverage points must be assigned sequentially. No blank spaces are allowed. If two coverage points are used, Point 1 and Point 2

must be used. You cannot skip Point2 and go to Point 3.

If calls redirect to Message Center (a special Uniform Call Distribution hunt group) or to the attendant, do not list any additional coverage points. These calls will normally queue and never redirect to another coverage point.

Calls to any Hunt Group will queue if possible. Calls redirect from a Hunt Group only if all Hunt Group members are busy and either the queue is full or there is no queue. This is a unique hunt group that must be completed for this feature.

An example of how to assign different coverage points for a coverage path is given in Figure 6-6.

Page 1 of 1

COVERAGE PATH

Coverage Path Number: _

Next Path Number: __ Linkage: __

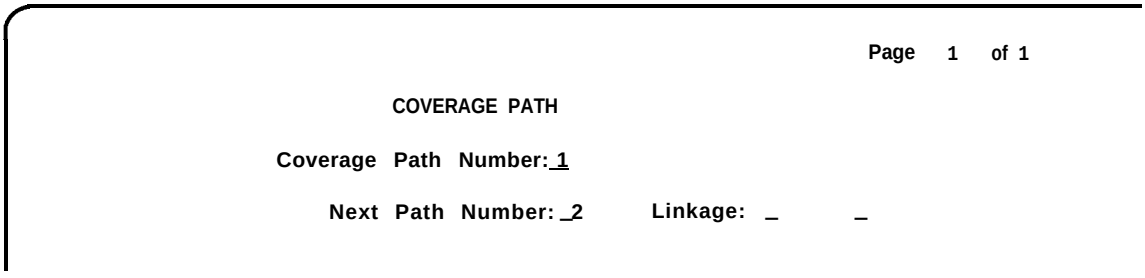
COVERAGE CRITERIA

Staion/Group Status	Inside Call	Outside Call	
Active?	n	n	
Busy?	y	y	
Don' t Answer?	y	y	Number of Rings: 3
All?	n	n	
SAC/GO to Cover?	y	y	

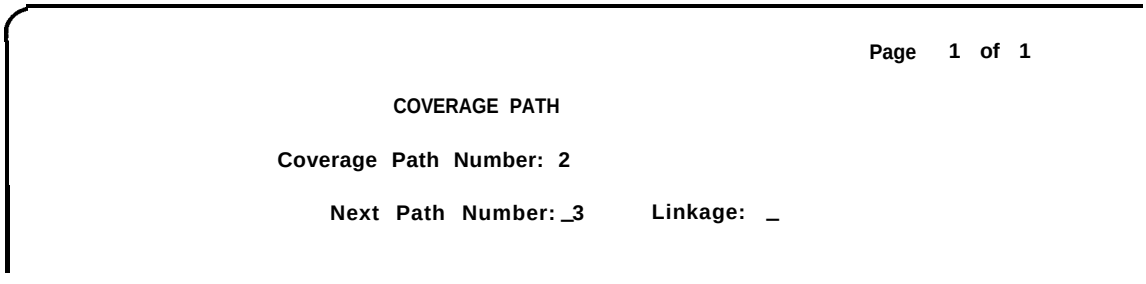
COVERAGE POINTS

Point1: ______ Point3: ______

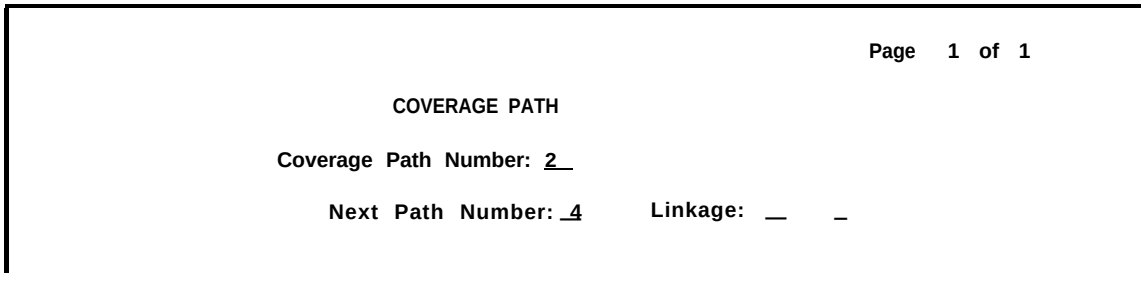
Point2: ______



Coverage Path 1 With 2 as Next Path Number



Coverage Path 2 With 3 as Next Path Number



Coverage Path 3 With 4 as Next Path Number

Figure 6-5. Example of Four Call Coverage Paths and Associated Linkage (Page 1 of 2)

Page 1 of 1

COVERAGE PATH

Coverage Path Number: 4

Next Path Number: __ Linkage: _ _

Coverage Path 4 Without Next Path Number

Page 1 of 1

COVERAGE PATH

Coverage Path Number: 1

Next Path Number: 2 Linkage: 3 4

Coverage Path1 Linked to Path 2 Which is Linked To Path 3 Which is Linked To Path4

Figure 6-5. Example of Four Call Coverage Paths and Associated Linkage (Page 2 0f 2)

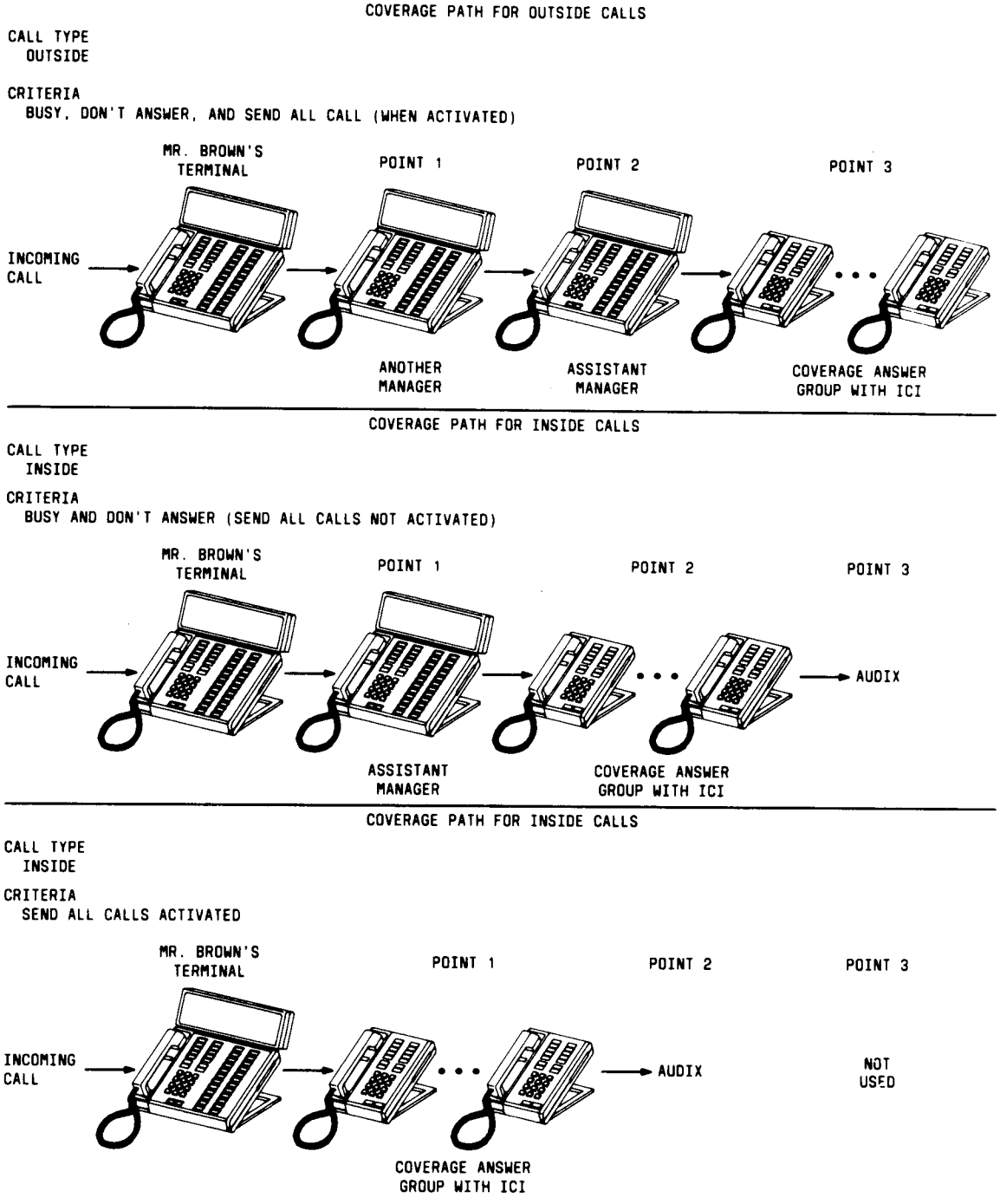


Figure 6-6. Example of a Typical Call Coverage Path Assignment

Class of Restriction

Purpose

This form is used to implement the 64 Classes of Restriction. Up to 64 Classes of Restriction can be established.

instructions

Make assignments as required for the following fields:

- **COR Number—Enter a COR (class of restriction) number from O through 63.**
- **FRL—Enter a Facility Restriction Level (FRL) number from O through 7. This is the originating FRL used by Automatic Alternate Routing (AAR) and/or Automatic Route Selection (ARS) to determine access to an outgoing trunk group. (The FRL associated with the outgoing trunk group used for a call is contained in the Routing Pattern.)**
- **APLT—Enter n to allow access to EPSCS or CCSA off-net facilities.**
- **Calling Party Restriction—Enter one of 'the following: (1) "origination," (2) "outward," (3) "toll," (4) "code," or (5) "none."**
    - **Origination restriction denies the calling party the ability to originate a call at any time. The party can only receive calls.**
    - **Outward restriction denies the calling party the ability to directly access the exchange network.**
    - **Using toll restriction, the calling party can make all local central office calls with a few toll calls and special service calls as defined on the Allowed Calls List form. The list contains allowed area codes and service codes that can be called.**
    - **Code restriction denies the calling party completion of outgoing calls to selected office, special service codes, and area codes.**
- **Partitioned Group Number—Enter the partioned group number from 1 to 4. The ARS/AAR feature uses this number to select the ARS/AAR service for a group of users. Only a 1 can be entered if the Partitioning Option is not enabled.**
- **Called Party Restriction—Enter one of the following: (1) "termination," (2) "inward," (3) 'manual," or (4) "none."**
    - **Termination restriction denies the called party the ability to receive any calls at any time.**
    - **Inward restriction denies the calling party the ability to receive incoming exchange network calls, attendant orginated calls, and attendant completed calls.**

- Using manual termination restriction, the called party may receive only calls originated or extended by the attendant.

- Service Observing (see Note)—Enter "y" to allow a voice terminal user to be monitored; otherwise, enter "n. " Only an "n" can be entered if the Service Observing Option is not enabled.

  Note: The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

- Forced Entry of Account Codes—Enter "y" to indicate that an account code will be required when making a toll call. A toll call is defined as any outgoing call with a "0" or a "1" in either of the first two positions of the dialed number, except service calls (911 or 411), directory assistance calls, and 800 Service calls. This will not necessarily be all chargeable calls and may even include some nonchargeable calls. If there are overlapping area codes and office codes, then only the first digit will be used to identify a toll call. Entering "n" indicates that an account code is not required.

- Priority Queueing—Enter "y" to allow the voice terminal user calls to be placed ahead of nonpriority calls in a split queue; otherwise, enter "n. " This also applies to incoming trunk calls. Only an "n" can be entered if the ACD Custom Observing Option is not enabled.

- O?_ to 63?_—Enter "n" for each COR number (O? to 63?) that cannot be called by the COR being implemented. A "y" means that an originating party assigned this COR can call the specified COR.

Page 1 of 1

CLASS OF RESTRICTION

COR Number: __ FRL: 7

APLT? y Calling Party Restriction: _____

Partitioned Group Number: 1 Called Party Restriction: _____

Service Observing? n Forced Entry of Account Codes? n

Priority Queueing? n

CALLING PERMISSION (Enter "y" to grant permission to call specified COR)

0? y	8? y	16? y	24? y	32? y	40? y	48? y	56? y
1? y	9? y	17? y	25? y	33? y	41? y	49? y	57? y
2? y	10? y	18? y	26? y	34? y	42? y	50? y	58? y
3? y	11? y	19? y	27? y	35? y	43? y	51? y	59? y
4? y	12? y	20? y	28? y	36? y	44? y	52? y	60? y
5? y	13? y	21? y	29? y	37? y	45? y	53? y	61? y
6? y	14? y	22? y	30? y	38? y	46? y	54? y	62? y
7? y	15? y	23? y	31? y	39? y	47? y	55? y	63? y

Class of Service

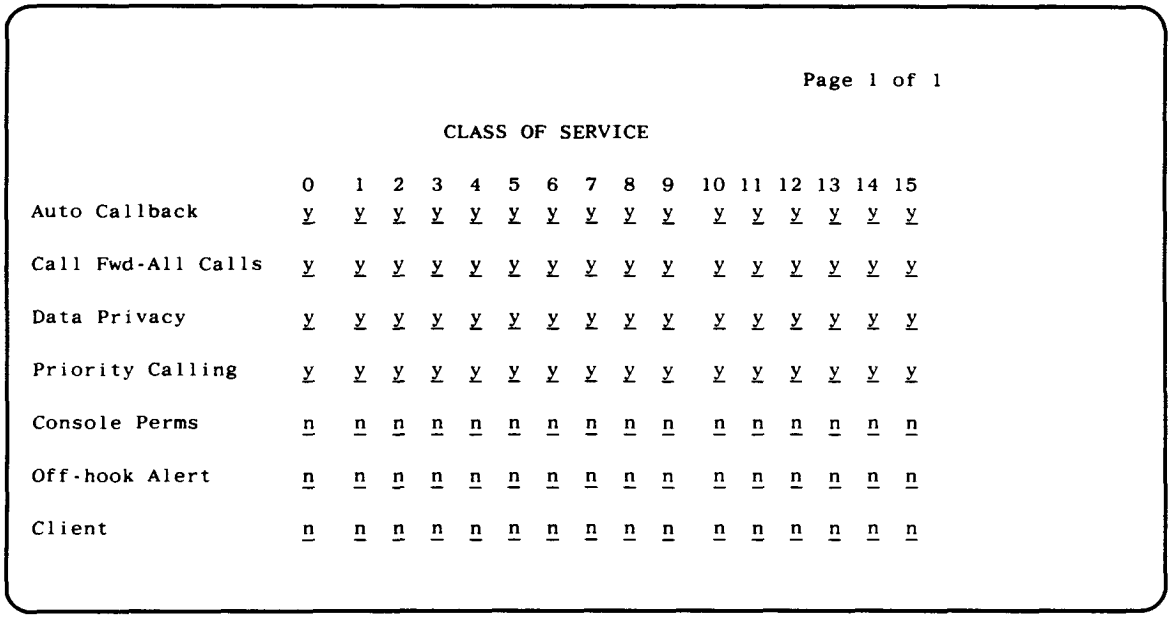
Purpose

Defines whether or not a voice terminal user with the assigned COS (class of service) may access or use the following features and functions:

- **Automatic Callback**
- **Call Forwarding All Calls**
- **Data Privacy**
- **Priority Calling**
- **Console Permission**
- **Off-Hook Alert (See Emergency Access to Attendant feature)**
- **Client (See Hospitality Services—Allows use of the Check-in, Check-Out, Room Change/Swap, and Housekeeper features).**

Instructions

The following form lists the default values for each COS. A "y" allows access to the feature and an "n" denies access to the feature. Simply enter the desired COS.



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CLASS OF SERVICE

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Auto Callback	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y
Call Fwd-All Calls	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y
Data Privacy	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y
Priority Calling	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y
Console Perms	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Off-hook Alert	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
Client	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Console Parameters

Purpose

This form is used to administer attendant console group parameters. This includes basic parameters for Centralized Attendant Service (CAS) and inter-PBX Attendant Service (IAS) when the System 75 is serving as a branch PBX. A list of the administered attendant consoles is also displayed on this form.

Instructions

Make assignments as required for the following fields:

- **COS—Enter the desired class of service (COS) number from O through 15 that reflects the desired attendant group COS.**
- **COR—Enter the desired class of restriction (COR) number from O through 63 that reflects a desired customer restriction for the attendant console group.**
- **Time Reminder on Hold (see)—Enter the time in seconds (1 O to 1020 seconds) a call remains on hold before the attendant is alerted. In a CAS arrangement, the main and branch attendants should have the same time for Timer Reminder on Hold.**
- **Return Call Timeout (see)—Enter the time in seconds (from 10 to 1020 seconds) a split call remains unanswered before it is returned to the attendant. Leave blank if the attendant is absent. An unanswered call cannot go to a non-attendant. In a CAS arrangement, the main and branch attendants should have the same time assigned for Return Call Timeout.**
- **Calls In Queue Warning—Enter a number from 1 through 30 to indicate the number of incoming calls that can be in the attendant queue before the Call Waiting lamp lights. The first (leftmost) Call Waiting lamp lights when one, or more, incoming call is waiting to be answered. The second lamp lights when the preset number is reached.**
- **Time In Queue Warning (see)—Enter the number of seconds (O through 999) a call can remain in the attendant queue before activating an alert.**
- **Ext Alert Port (TAAS)—Enter the port number assigned to the external alerting device. When the attendant is not on duty, a voice terminal user can answer calls made to the attendant. The incoming call activates a gong, bell, or chime. The voice terminal user dials an access code and answers the call from any unrestricted voice terminal. (This is the Night Service—Trunk Answer From Any Station feature.)**
- **Attendant Lockout—Enter "y" or "n" if this feature is active. If "y" is entered, the attendant is prohibited from reentering a call that has been successfully split unless recalled by a voice terminal user on the call. This information must be given to the attendant.**
- **CAS—Enter "main" to enable the CAS Main feature; enter "branch" to enable the CAS Branch feature; enter "none" on consoles not supporting CAS.**

- **RLT Trunk Group No.—Enter the trunk group number from 1 through 99 corresponding to the trunk group for the main CAS (Branch) service. For the Hospitality Parameters Reduction feature, enter a trunk group number from 1 through 50.**

- **CAS Back-Up Ext.— Enter the extension number of a voice terminal, attendant console, hunt group, or Terminating Extension Group (TEG) assigned to handle attendant seeking calls if the trunk group to the CAS attendants is out of service.**

- **Night Service Act. Ext.— Is a display-only field that contains the extension of the current night service activation station, if any. This is administered by giving it the "night-serv" button.**

- **IAS (Branch)—Enter "y" to enable or "n" to disable the IAS (Branch) feature**

  Note: CAS and IAS cannot both be active at the same time.

- **IAS Tie Trunk Group No.— Enter the tie trunk group number from 1 through 99 for the IAS (Branch). For the Hospitality Parameters Reduction feature, enter a trunk group number from 1 through 5.**

- **IAS Att. Access Code—Enter the extension number of the attendant group at the main PBX (typically "O").**

- **DID-LDN Only to LDN Night Ext.— Enable this field to allow a listed directory call to go to the listed directory night service number extension.**

- **List1:, List2:, List3:—Enter the system, group, or enhanced abbreviated dialing list assigned to the attendant.**

- **Starting Extension— Enter an unassigned extension number (Start) that conforms to the Dial Plan Record. These numbers allow the attendant to park calls.**

- **Count—Enter a number (Count) from 1 to 10 to indicate how many common shared extension numbers you want. These extension numbers (with no physical voice terminal assigned) are used by the attendant to park calls. For example, you may enter 4300/3 which instructs the System 75 to store three consecutive extension numbers, 4300, 4301, and 4302, for call park. These numbers must be given to the attendant so he/she knows where to park a call and how many calls can be parked.**

  These extensions should be assigned to the optional Attendant Selector Console in the 00 through 09 block (bottom row) in any hundreds group for easy identification by the attendant. The lamp associated with the number will identify "call parked" or "no call parked" (instead of busy or idle status).

- **ASSIGNED MEMBERS (Installed attendant console types)—Display-only field. The list of administered consoles is automatically assigned by the system. The types are taken from Console Type field on the Attendant Console Forms.**

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CONSOLE PARAMETERS

COS : 1 Cort: 1

Time Reminder on Hold (see): 30 Return Call Timeout (see): 30

Calls In Queue Warning: 5 Time In Queue Warning (see): __

Ext Alert Port (TAAS): _____ Attendant Lockout? y

CAS ? none RLT Trunk Group No.: __

CAS Back-Up Ext.? n Night Service Act. Ext.: ___

IAS (Branch)? n IAS Tie Trunk Group No.: ___

IAS Att. Access Code: ____ DID-LDN Only to LDN Night Ext? n

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

COMMON SHARED EXTENSIONS

Starting Extension:_____ Count : __

ASSIGNED MEMBERS (Installed attendant console types)

1: _____ 5: _____

2: _____ 6: _____

3: _____ 7: _____

4: _____

Data Line Data Module

Purpose

The Data Line Data Module (DLDM) form is used to assign ports on the TN726 Data Line circuit pack (DLC) that allows EIA (RS-232C) devices* to connect to System 75. The DLC, with a companion Asynchronous Data Unit (ADU), provides a less expensive data interface to System 75 than data modules such as DTDMs, MPDMs, or MTDMs.

The DLC supports asynchronous transmissions at speeds of Low and 300, 1200, 2400, 4800, 9600, and 19200 bps (bits per second) over 2-pair (full-duplex) lines. These lines can have various lengths, depending on the transmission speed and wire gauge.

The DLC has eight ports. The connection from the port to the EIA device is direct, meaning that no multiplexing is involved. A single port of the DLC is equivalent in functionality to a data module and a digital line port. The DLC appears as a data module to the DTE and as a digital line port to the switch.

The DLC connects the following EIA RS-232C equipment to System 75:

- **Printers**
- **Non-intelligent Data Terminals**
- **Intelligent Terminals, Personal Computers (PCs)**
- **Host Computers**
- **ISN (Information Systems Network), RS-232C LANs (Local Area Networks), or other data switches.**

Figure 6-7 shows some typical DLC applications.

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* In this chapter, the term "device" is used to refer to EIA (RS-232C) equipment including data terminals, personal computers, printers, and host computers.

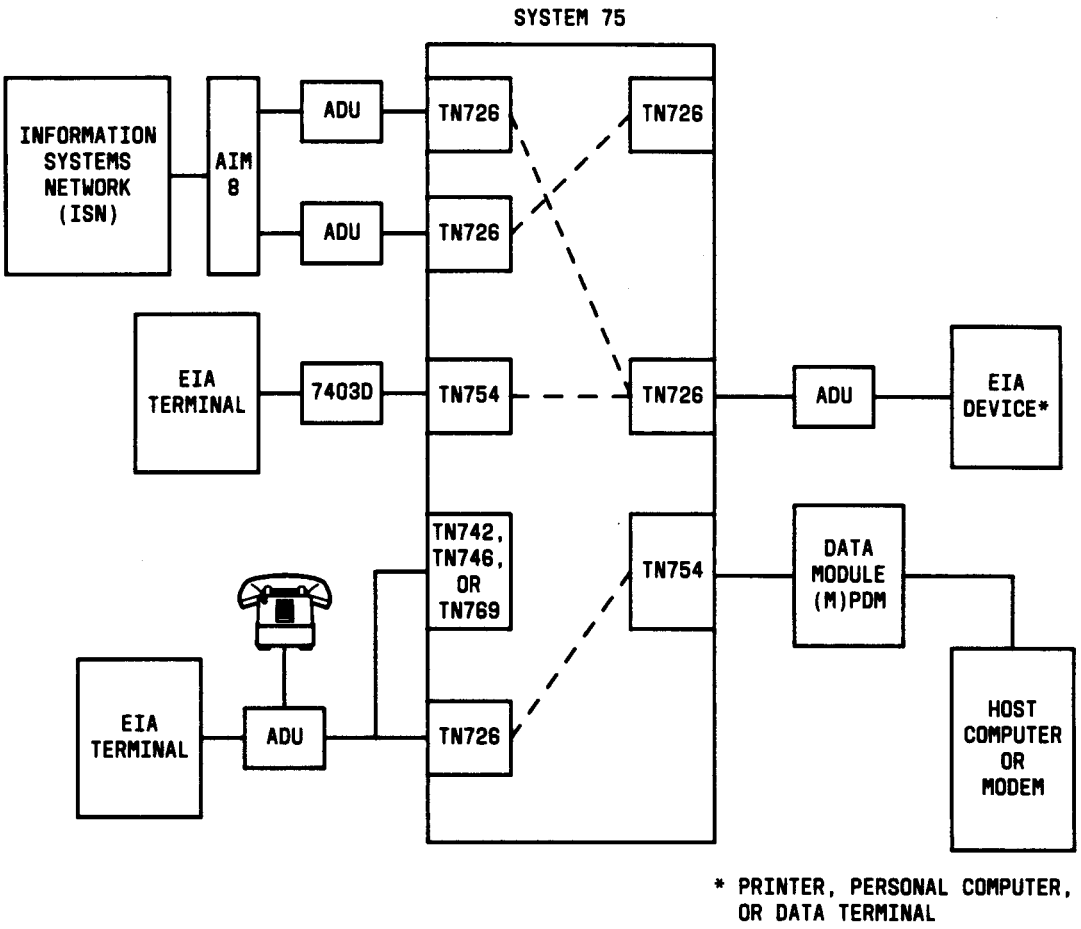

Figure 6-7. Example of DLC Applications

Instructions

Make assignments as required for the following fields:

- **Data Extension—Enter the extension number assigned to the Data Line port. A data extension number can be a from 1 to 5 digits. The digits assigned must agree with the Dial Plan Record.**
- **Type—Make no entry, "data-line" has been preprinted.**
- **Port-Enter a one letter and 4-digit number (carier/board/port).**
- **Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.**
- **COS—Enter the desired class of service (COS) number from O through 15.**
- **COR—Enter the desired class of restriction (COR) number from O through 63.**
- **Connected To—Enter dte (Data Terminal Equipment) or isn (Information Systems Network). This field shows what the ADU (Asynchronous Data Unit) is connected to.**
- **ListI—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.**
- **Abbreviated Dialing Dial Code (from above list)—Enter a number from O through 999. This is the number that will be dialed in the abbreviated dialing list entered in the previous step.**
- **Ext—Make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.**
- **Name—make no entry. The name is automatically assigned when the system is administered. This is the name assigned to this extension number.**

Refer to the DLC Option Settings for additional information when assigning entries for the remaining fields.

- **KYBD Dialing—Enter "y" to allow keyboard dialing; otherwise, enter "n." This enables the data endpoint to receive and transmit text during call origination or termination. If "y" is entered, complete the following applicable fields. If "y" is entered in this field, an "n" must be entered in the LOW field.**

  This option must be enabled to allow data endpoints to originate calls via the RS-232C interface and obtain ASCII feedback text. When enabled, the user will get the dial prompt. This option is normally enabled for "originate/receive" DTE that has a need to set up data calls. If this option is disabled, originations cannot be done at the DTE and text feedback will not occur at the DTE during call setup/takedown. Data call answering is still allowed but without text feedback.

- **Configuration—Enter "y" to allow the viewing and changing of options from the DTE; otherwise, enter "n. " (This field appears only when "KYBD Dialing" is enabled.)**

  This option is normally enabled for "originate/receive" DTE, such as non-intelligent terminals, and disabled for intelligent devices such as computers. Keyboard dialing must be enabled in conjunction with this option.

- **Busy Out—Enter "y" to place the DLC port in a busied-out state once the DTE control lead to the DLC is dropped; otherwise, enter "n. " This option should be enabled for DTEs that are members of a hunt group and to allow "busy out" when DTE turns power off so that calls will not terminate on that DTE.**

- **SPEEDS Low—Enter "y" to instruct the DLC to operate at a low speed from O to 1800 bits per second (bps). Enter "n" if "y" is entered in the Keyboard Dialing field.**

- **SPEEDS 300; 1200; 2400; 4800; 9600; 19200—Enter a "y" beside the desired operating speed. Enter "n" if the speed is not desired. The DLC can be set to any one of these speeds. The speed will be matched for the duration of the call, from call setup to call takedown. When selecting multiple speeds, three or more must be selected; do not select just two speeds.**

  When multiple speeds are selected and autoadjust is disabled, the DTE's speed must be set to the highest selected speed. This is required because all feedback text is delivered to the DTE at the highest selected speed.

- **SPEEDS Autoadjust—Enter "y" which tells the DLC port to automatically adjust to the operating speed and parity of the DTE it is connected to. Enter "n" if this option is not desired. (This field only appears when "KYBD Dialing" is enabled.) Autoadjust can be selected with any of the speed selected in the previous step. Autoadjust allows the DLC port to determine the speed and parity of the DTE and then match itself to this speed. Autoadjust only applies to calls originated by the user through Keyboard Dialing.**

- **Permit Mismatch—Enter "y" to instruct the DLC to operate at the highest selected speed which is a higher rate than the far-end data module. Enter "n" if this option is not desired.**

  This option allows the EIA interface to operate at a rate different than that agreed to in the data module hankshake. (The data module handshake is always the highest compatible rate as determined by the reported speed option of each data module.) Permit Mismatch eliminates the need to change the DTE/DLC speed every time a call is placed to/from an endpoint operating at a different speed. When this option is enabled, the DLC reports the highest optioned speed and all the lower speeds (or the previously selected autoadjust speed only) during the handshake process. Caution must be used when using this option to send information from a DTE/DCE that is transmitting data at higher rates than that of the far end. Sustained usage of this type transmission will result in loss of data. Whenever this option is enabled, the DTE must be set to match the highest speed selected for the associated DLC port.

This option is intended to be used by a DTE device operating locally at a higher baud rate than that of its far-end connection but transmitting relatively low amounts of data (for example, a user typing at a terminal). Also, this option may be selected whether or not Keyboard Dialing is selected.

Note: The LOW speed setting is not reported as an available speed when Permit Mismatch is enabled.

- Dial Echoing—Enter "y" to echo characters back to the DTE; otherwise, enter '{n. " (This field is enabled only if "KYBD Dialing" is enabled.) Dial echoing should be disabled when keyboard dialing is done by an intelligent device.

- Disconnect Sequence—Enter "long-break" or "two-breaks" to select the sequence for a disconnect. A long-break is greater than 2 seconds and two-breaks is within 1 second. (This field is enabled only when "KYBD Dialing" is enabled.)

- Answer Text—Enter "y" to allow text messages to be delivered to the DTE when a call is being answered. Enter "n" if this option is not desired. (This field is enabled only when "KYBD Dialing" is enabled.)

  This option enables text feedback which is normally delivered to the DTE when a call is answered or disconnected. The Answer Text option applies to DLC-generated text as well as text received from System 75. If this option is disabled, System 75 will still generate the text, but the DLC will prevent it from being sent to the device. This applies to the following messages:

  — INCOMING CALL

  — ANSWERED

  — DISCONNECTED

  — DISCONNECTED OTHER END

  This option is usually disabled when the answering DTE is a computer or an intelligent device.

- Parity—Enter "even," "odd," "mark, " or "space" to select the desired type of parity. (This field is enabled only when "KYBD Dialing" is enabled.) The parities (even, odd, mark, and space) are generated by the DLC when call setup text is sent to the DTE. The DLC does not check the parity when receiving dialing characters. Parity has nothing to do with the far end; it is only for the DLC to terminal communications during call setup.

- Connected Indication—Enter "y" to give text feedback to the DTE when a connection has been established. (This field is enabled only when "KYBD Dialing" is enabled.) This option generates a "CONNECTED" message to the DTE when the connection has been established. If KYBD Dialing is not selected, the connected indication is provided by the DLC activating its RS-232C control lead.

DLC Option Settings

The following provides additional information on the option settings for DLCS when used with the following types of devices:

- Printers
- Non-intelligent Terminals
- Data Terminals and Personal Computers
- Host Computers
- Information System Network (ISN)

This information must be considered when completing the various fields on the Data Line Data Module form.

Printers

A DLC port, attached to a printer, usually terminates a data call. Therefore, in this connection, the printer is the endpoint device. The originating device may be attached to a DCP mode 2 data module (such as the MPDM) or the DLC. A Z3A ADU extends the range of the RS-232C connection.

When a receive-only printer (or any printer that does not generate the Transmit Data and DTR leads) is used, the ADU must be powered from a small plug-mounted transformer (201 2D or equivalent) connected to pins 7 and 8 of the modular jack. (Refer to the *ADU User Manual* 555-401-701, for details.)

An ADU cannot be used if the printer has hardware flow control using the Clear To Send (CTS) lead. An ADU can be used, however, if the printer is using software flow control.

A printer connected to a DLC is usually assigned as a line. Table 6-F lists the option settings.

Table 6-F. DLDM Form Option Settings for Printer Connection

Field On Form	Option	Comments
Speed	Highest speed at which the Printer operates	Subject to distance limitations; Autoadjust not used
Keyboard Dialing	no	
Busy Out	yes	If printer is member of Hunt Group
Permit Mismatch	yes	No, If printer is low speed
Parity	—	Don ‘t care
Dial Echoing	—	Don ‘t care
Disconnect Sequence	—	Don ‘t care
Answer Text	—	Don ‘t care
Connected Indication	—	Don ‘t care
Configuration	no	

Non-intelligent Terminals

A Non-intelligent Terminal connected to the DLC is usually assigned as a line.

Table 6-G lists the option settings for non-intelligent terminals.

Table 6-G. DLDM Form Option Settings for Connection to Non-intelligent Terminals

Field On Form	Option	Comments
Speed	All speeds at which the Terminal can operate; autoadjust	*Subject to distance limitations; Autoadjust only if Keyboard Dialing is yes and the Terminal can generate an ASCII "carriage' return"*
Keyboard Dialing	yes	
Busy Out	no	*Yes, if terminal is member of a hunt group*
Permit Mismatch	yes	
Parity	Same as DTE	
Dial Echoing	yes	*Only if Keyboard Dialing is yes*
Disconnect Sequence	2 <BREAK>s	*Depends on terminal*
Answer Text	yes	
Connected Indication	-	*Don 't care*
Configuration	ves	

Data Terminals and Personal Computers

An intelligent data terminal or a personal computer (PC) attached to a DLC can either originate or terminate a data call. A single ADU at the site of the originating device extends the distance signals can travel to the switch (the model ADU depends on the terminal connector). An analog telephone can be attached to this arrangement whenever an ADU uses the standard building wiring.

Table 6-H lists the option settings used for data terminals and personal computers.

Table 6-H. DLDM Form Option Settings for Connection to Data Terminal or Personal Computer

Field On Form	Option	Comments
Speed	All speeds at which the Data Terminal or PC can operate	Subject to distance limitations; Autoadjust not used
Keyboard Dialing	yes	
Busy Out	no	Yes, if device is accessed through a hunt group
Permit Mismatch	yes	No, if device does not support XON/XOFF flow control
Parity	Same as DTE	
Dial Echoing	no	These devices can dial in the ASCII stream without human intervention
Disconnect Sequence	Long <BREAK>	
Answer Text	no	These devices may not want to see any text
Connected Indication		Don ‘t care
Configuration	yes	

Host Computers

A host computer may originate and terminate a data call. For this application, the number of DLCS required depend on the number of ports needed. An MADU can be used (instead of eight ADUs) to complete the connection.

Table 6-I lists option settings for a port that has a terminating connection to a host computer.

Note: When Keyboard Dialing is disabled, the rest of the option settings are irrelevant.

Table 6-I DLDM Form Option Settings for Terminating Connection to Host Computer

Field On Form	Option	Comments
Speed	All speeds at which the computer can operate	*Subject to distance limitations; Autoadjust not used*
Keyboard Dialing	no	
Busy Out	·	Don 't care
Permit Mismatch	·	Don 't care
Parity	·	Don 't care
Dial Echoing	·	Don 't care
Disconnect Sequence	·	Don 't care
Answer Text		Don 't care
Connected Indication	·	Don 't care
Configuration		Don 't care

Table 6-J shows option settings for a port that has an originating connection from a host computer.

Table 6-J. DLDM Form Option Setthgs for Originating Connection from a Host Computer

Field On Form	Option	Comments
Speed	All speeds at which the computer can operate	*Subject to distance limitations; Autoadjust not used*
Keyboard Dialing	yes	
Busy Out	no	*Yes, if computer is accessed through a hunt group*
Permit Mismatch	yes	*No, if computer does not support XON/XOFF flow control*
Parity	Same as DTE	
Dial Echoing	no	*The computer can dial in the ASCII stream without human intervention*
Disconnect Sequence	Long <BREAK>	
Answer Text	no	*The computer may not want to see any text*
Connected Indication	–	*Don 't care*
Configuration	no	

Information Systems Network

The DLC can also connect the Information Systems Network (ISN) to the System 75. The ISN can originate and terminate data calls.

Two lines are required for bidirectional data transmission between ISN and System 75. As viewed by System 75, these are: one terminating line (from ISN to System 75) and one originating line (from System 75 to ISN). Fixed baud rate lines should be used in both directions.

To successfully connect the Z3A3 ADU to the DLC, a crossover cord (or 25-pair crossover cable) must be used between the DLC and the ADU. This connects the near-end pair of transmit data wires to the far-end receive pair and connects the near-end receive pair to the far-end transmit pair. Without crossover, data transfer cannot take place. Refer to the *ADU User Manual,* 555-401-701, for cabling information. Another method to achieve the necessary crossover is to use the D8AM-87 cord.

An ISN connected to a DLC is usually translated as two lines. Tables 6-K and 6-L list the basic option settings for both the originating and the terminating line. See the *ISN Application Notes,* 555-300-400, for additional information.

Table 6-K. DLDM Form Option Settings for Outgoing Line to ISN

Field On Form	Option	Comments
Speed	Highest Speed at which the ISN can operate	*Subject to distance limitations; Autoadjust not used*
Keyboard Dialing	no	
Busy Out	no	*Yes, if ISN is accessed through a hunt group*
Permit Mismatch	no	*The ISN can operate at higher speeds than the data communications link; data loss can occur if Permit Mismatch is yes and the ISN is transmitting*
Parity	Same as ISN	
Dial Echoing	no	*The ISN can dial in the ASCII stream without human intervention*
Disconnect Sequence	Long <BREAK>	
Answer Text	no	*The ISN may not want to see any text*
Connected Indication	.	*Don 't care*
Configuration	no	

Table 6-L. DLDM Form Option Settings for Incoming Line from ISN

Field On Form	Option	COMMENTS
Speed	Highest Speed at which the ISN can operate	*Subject to distance limitations; Autoadjust not used*
Keyboard Dialing	yes	
Busy Out		*Don 't care*
Permit Mismatch	no	*The ISN can operate at higher speeds than the data communications link; yes, if ISN has its Outgoing port set to high speed such as 9.6 kbps and the far-end connections will be at no greater than 9.6 kbps*
Parity	Same as ISN	
Dial Echoing	yes	
Disconnect Sequence	Long <BREAK>	
Answer Text	no	*The ISN may not want to see anv text*
Connected Indication	–	*Don 't care*
Configuration	no	

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DATA MODULE

Data Extension: Type: data-line Port : __

Name: _____ Cos: 1 COR: 1

Connected To: dte

ABBREVIATED DIALING

List1: _____

HOT LINE DESTINATION
Abbreviated Dialing Dial Code from above list): _

ASSIGNED MEMBERS (Stations with a data extension button for this data module)

	Ext	Name		Ext	Name
1:			3:		
2:			4 :		

```
                                                              Page 2 of 2

                                  DATA MODULE

CAPABILITIES
                  KYBD Dialing? y                    Configuration? n

                      Busy Out? n

SPEEDS
       Low? n          1200? y          4800? y          19200? y

       300? y          2400? y          9600? y       Autoadjust? n

OPTIONS
               Permit Mismatch? n                  Dial Echoing? y

          Disconnect Sequence: two-breaks          Answer Text? y

                       Parity: even          Connected Indication? y
```

Note: If KYBD Dialing is "y," use this Page 2.

```
                                                              Page 2 of 2

                                  DATA MODULE

CAPABILITIES
                  KYBD Dialing? n

                      Busy Out? n

SPEEDS
       Low? y          1200? y          4800? y          19200? y

       300? y          2400? y          9600? y

OPTIONS
               Permit Mismatch? n
```

Note: If KYBD Dialing is "n," use this Page 2.

Dial Plan

Purpose

The Dial Plan is the system's guide to digit translation. A brief description of each field is given below.

- **Area Code—is the area code number where the System 75 is located.**
- **ARS Prefix 1 Required—Indicates if dialing a "1" is required to call an area code. This is necessary within those area codes where local central office codes resemble area codes:**

  — 201 in New Jersey

  — 212 in New York

  — 213 in Los Angeles

  — 312 in Chicago

  — 706 in Northwest Mexico

  — 905 in Mexico City

  This field applies to ARS only.

- **Uniform Dialing Plan—Allows the system to have a Uniform Dialing Plan. This feature can only be assigned if UDP or DCS is provided. If this feature is activated, the Dial Plan becomes six pages. Enter y if DCS is used.**
- **FIRST DIGIT TABLE—Enter one of the following for each desired combination of first digit and number of digits (the number, 1-6, at the top of each column in the first digit table indicates the number of digits for each entry in that column):**

  — blank (no feature or extension numbering range is assigned)—No assignment is required if a field is to be left blank. All fields are defaulted to this value except for the combination of first digit O, length 1.

  — "fac" (feature access code and feature deactivation code)—An FAC can be from one to three digits in length. An FAC must be the last item in a row when mixed station numbering is implemented.

  — "extension" (primary voice terminal extension number) —Extension numbers can be from one to five digits in length and can not have a "*" or "#" symbol as the first digit.

  — "tac" (trunk access code)—A TAC can be from one to three digits in length. TACS can not have a "*" or "#" symbol as the first digit. A TAC must be the last item in a row when mixed station numbering is implemented.

- **"attendant''—The attendant number is fixed at the combination of first digit O, length 1 (default value), and cannot be changed.**

- **"extension" (prefixed extension number)—A prefixed extension is made up of a prefix (or first digit) and an extension number with up to five digits. The prefix identifies the dial type and specifies the number of digits that will follow. The total length of a prefixed extension (including the prefix and the extension) can range from two to six digits. A prefixed extension cannot have a "*" or "#" symbol as the first digit.**

The "*" and "#" symbols, if used, are always assigned to dial access features, and "0" is reserved for the attendant. The "*" and "#" symbols are considered a digit and should be considered when assigning the number of digits that must be dialed to access a feature.

The following dynamic fields are associated with the Uniform Dialing Plan (UDP):

- **Plan Length—Enter the number of digits in the UDP (valid entries are "4" or "5"). These numbers are used to signify the user of a 4- or 5-digit Dial Plan.**

The remaining fields are on pages 2 through 6 of this form.

- **CODE—Enter a PBX Code number (1 through 9999) representing the first one, two, three, or four digits of a 4- or 5-digit extension. Each PBX Code will have an associated "LCL," ''RNX," and "ID" field. Fields are provided for up to 240 PBX Codes. It is possible that the code could be the same as a local extension number. In this case, the UDP PBX code overrides the extension number at the local switch.**

- **LCL—Enter "y" if the associated PBX Code is local to the System 75 being administered. Enter "n" if it is located on a remote switch or PBX.**

- **RNX—Enter the RNX assigned to the associated PBX. In the System 75 UDP, the PBX code yields the associated RNX and this RNX is then used to select a Routing Pattern for the call.**

- **lD—Enter a number between 1 and 63 representing a specific switch. At present, this field is used only with DCS. If DCS is not used, leave this field blank.**

Dial Plan for Hotel/Motel Use

The Dial Plan can be implemented to provide easy access to internal hotel/motel services and to provide the capability to associate room numbers with guest room voice terminals. These numbers can be assigned to a faceplate which can be placed over the front of the voice terminal. Figure 6-8 is an example of how the numbers and features can be used on a faceplate.

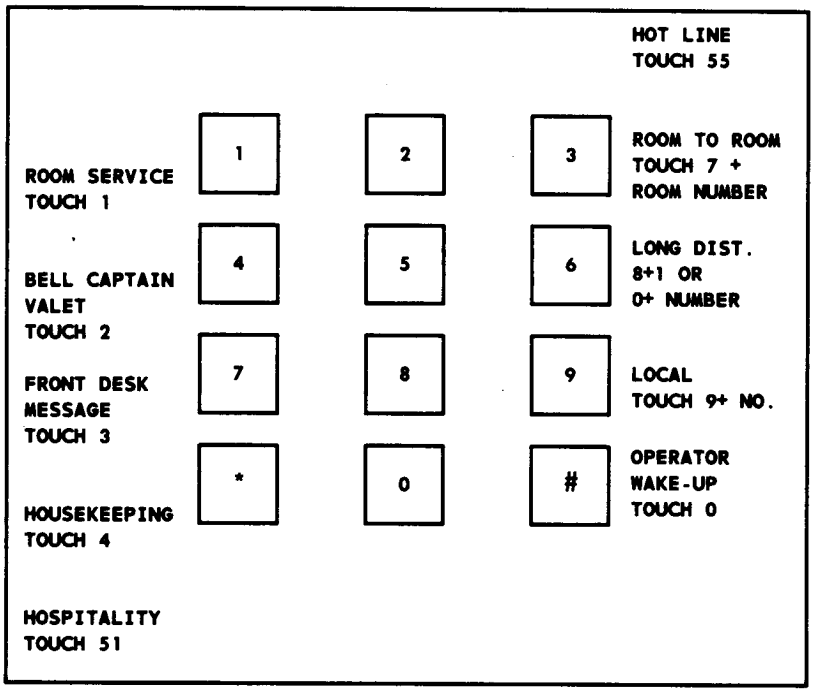

Figure 6-8. How To Assign Hotel/Motel Features To Voice Terminal

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DIAL PLAN RECORD

Area Code:___

ARS Prefix 1 Required? y

Uniform Dialing Plan? n

FIRST DIGIT TABLE

First Digit	Length -1-	-2-	-3-	-4-	-5-	-6-
1 :						
2 :						
3 :						
4 :						
5 :						
6 :						
7 :						
8 :						
9 :						
0 :	attendant					
* :						
# :						

Note: This is a 1-page form if Uniform Dialing Plan is answered "n."

Page 1 of 6

DIAL PLAN RECORD

Area Code:

ARS Prefix 1 Required? y

Uniform Dialing Plan? y Plan Length: 5

FIRST DIGIT TABLE

First Digit	Length -1-	-2-	-3-	-4-	-5-	-6-
1:						
2:						
3:						
4:						
5:						
6:						
7:						
8:						
9						
0						
*:						
#:						

Note: This form becomes six pages if Uniform Dialing Plan is answered "y."

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

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UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__
____	_	___	__	____	_	___	__	____	_	___	__	____	_	___	__

Digit Absorption

Purpose

This form is used to implement up to five digit absorption lists. This form may be filled out if the System 75 is connected to a step-by-step central office.

Instructions

Make assignments as required for the following fields:

- **List Number—Enter a list number O, 1, 2, 3, or 4. The list number is referenced via a field entry on the associated trunk group form.**
- **0, 1, 2, 3, 4, 5, 6, 7, 8, or 9—Enter a desired treatment letter (A through F).**

Page 1 of 1

DIGIT ABSORPTION

List Number: __

ABSORPTION TREATMENT INFORMATION (All selections must be from same group)

	Choice	Meaning
Group I.	A	Digit not absorbed.
	B	Digit absorbed repeatedly.
	c	Digit absorbed once with no further absorption.
Group II.	A	Digit not absorbed.
	D	Digit absorbed only if it is the first digit.
	E	Digit absorbed only if it is the second digit and the first digit was already absorbed.
	F	Digit absorbed only if it is the first or second digit.

ABSORPTION TREATMENT ASSIGNMENT (Select treatment (A-F) for each digit below)

O: A	2: A	4: A	6: A	8: A
1: A	3: A	5: A	7: A	9: A

Display Module

Purpose

Additional capabilities can be provided to users of 7405D Voice Terminals by adding a Display Module. This module cannot be used if a Call Coverage Module is being used on the same voice terminal.

This form must be filled out if "y" (yes) was entered on the "D401A Display Module" field on the 7405D Voice Terminal Form.

When this form is completed, attach it to the Voice Terminal Form.

Instructions

Make assignments as required for the following fields:

- **Using Table 6-M, choose the feature/functions desired for the display module.**
- **BUTTON ASSIGNMENTS (1 through 7)—Enter the abbreviated name for the feature/function you selected from Table 6-M. One button on Display Module should be designated as "normal." See Figure 6-9 for the display module administrable button locations.**
- **Apply the punch-out button label(s) supplied with the call coverage module.**

```
                                                    Page  1  of  y
                                STATION

BUTTON ASSIGNMENTS

  1: normal
  2: inspect
  3: date-time
  4: cov-msg-rt
  5: msg-retr
  6:  next
  7: delete-msg
```

Table 6-M. Display Module Button Assignments

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	Stored Number	stored-num	1	
Agent Call Handling	Release	release	1	
Auto Wakeup	Auto Wakeup	auto-wkup	1 per split group	1
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	
Date and Time	Date Time	date-time	1	
Elapsed Time	Timer	timer	1	
Do Not Disturb	Do Not Disturb Ext	ext-dn-dst	1 per system	
	Do Not Disturb Grp	grp-dn-dst	1 per system	
Inspect	Inspect Mode	inspect	1	
Integrated Directory	Integrtd Directry	directory	1	
Intercom-Dial	Dial Icom	dial-icom (Grp:__)	N	1
Leave Word Calling/Digital Display	Delete Message	delete-msg	1	
	Message Retrieve	msg-retr	1	
	Next	next	1	
	Call Display	call-disp	1	

Note:

1. **Grp: Dial Icom group number (1 to 32).**

Table 6-M. Display Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON FORM	MAXIMUM ALLOWED*	NOTES
Normal Mode/ Digital Display	Normal Mode	normal	1	
PMS Interface	Check-In	check-in	1 per svstem	
	Check-Out	check-out	1 per system	
	Message Waiting Act.	mwn-act	1 per system	
	Message Waiting Deact.	mwn-deact	1 per system	
Trunk Group Name/Digital Display	Trunk Name	trunk-name	1	
Trunk Identification	Trunk-ID	trk-id	1	

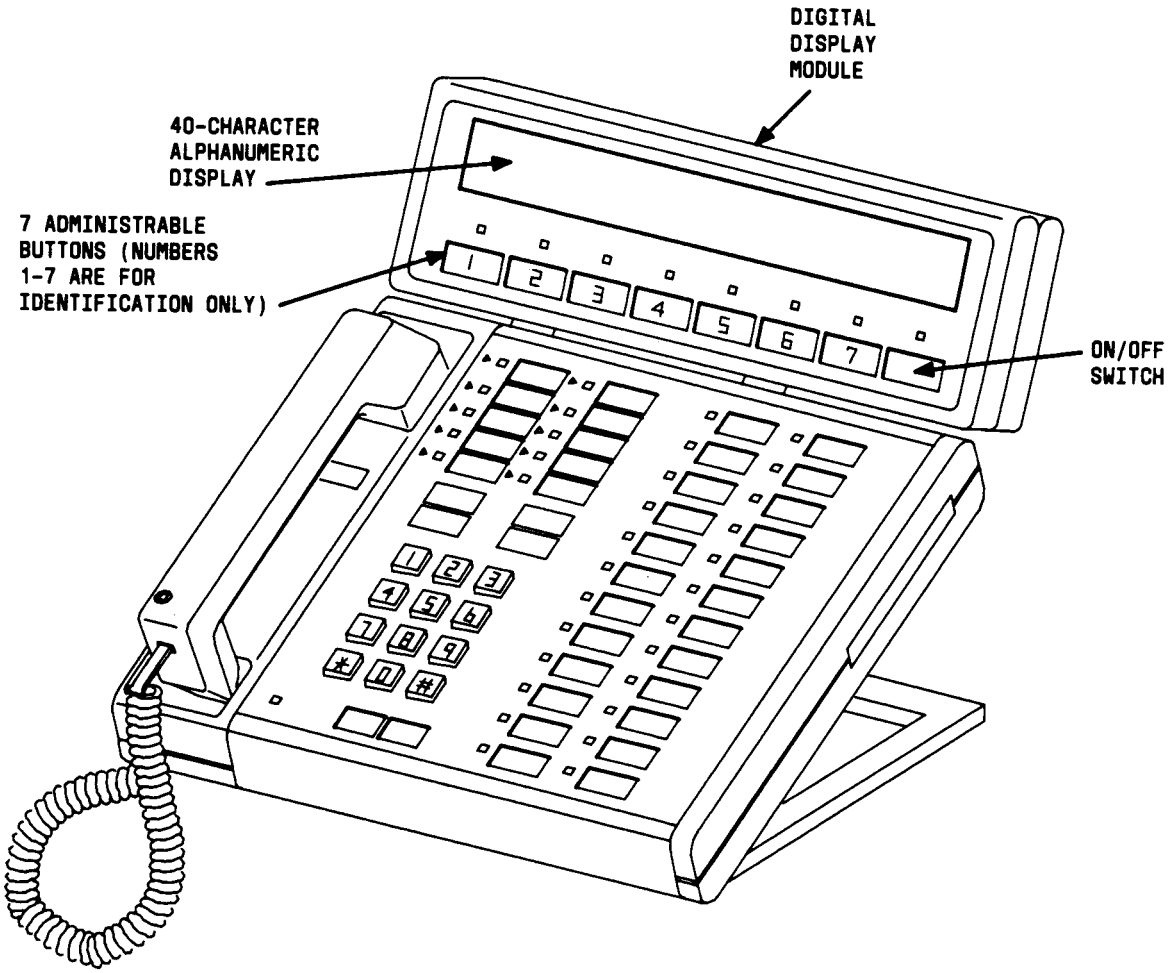


Figure 6-9. Model 7405D Voice Terminal With Optional Digital Display Module and Administrable Button Assignments

DS1 Circuit Pack

Purpose

This form is used to administer parameters for the TN722 or TN722B DS1 circuit pack. If the circuit pack has not been physically installed, it must be logically installed using the Circuit Pack Administration Form before the parameters can be administered on this form. The DS1 circuit pack provides a DS1 format, digital, multi-channel interface between a System 75 and another switch or endpoint.

Instructions

Make assignments as required for the following fields:

- **Location—Identifies the slot for this DS1 circuit pack (display only). The system identifies the slot automatically. However, the location should be identified for record purposes. DS1 circuit pack location can be obtained from the Port Assignment Record, Circuit Pack Administration form, or the trunk form.**
- **Name—Enter the name of the DS1 link (limit 15 characters).**
- **Line Compensation—Enter a number from 1 through 5 as follows:**

  — For 22-gauge ABAM cable terminated on a DSX-1 cross-connect:

Compensation	Length (feet)
1	000-133
2	133-266
3	266-399
4	399-533
5	533-655

  — For 22-gauge ABAM cable terminated on DS1 terminal equipment such as a D4 Channel Bank or another System 75:

Compensation	Length (feet)
1	0000-0266
2	0266-0532
3	0532-0798
4	0798-1066
5	1066-1310

- **Zero Code Suppression—Enter "b8zs" (bipolar eight zero substitution) or "zcs" (zero code suppression). This method must match the method used on the other end of the link. This entry indicates which line coding format will be used to ensure that the data meets T1 -carrier requirements. Enter zcs for the three types of MEGACOM® telecommunications services. Enter b8zs for DDM/000. Use zcs for No. 3 ESS®, D4, or DACS systems; zcs is a line coding method that checks for all zeroes in an 8-bit time slot and, if all zeroes exist, bit 2 is changed from O to 1.**

Binary eight zero code suppression is an alternate line coding technique that uses a bipolar violation to ensure adequate "ones" density is a bit sequence. Eight zeroes in an 8-bit sequence triggers the bipolar violation. Zero code suppression is a line coding method that checks for all zeros in an 8-bit time slot and, if all zeros exist, bit 2 is changed from a O to a 1. This method of line coding ensures. adequate timing recovery of regenerative 56-bps or less digital facilities.

This parameter selects the method used for handling all-zero codes in order to preserve timing information on the DS1 link. If there is a free choice at both ends, b8zs is recommended because it provides data transparency. However, b8zs does cause an error (a "bipolar violation"). Using zcs does not cause an error.

- **Framing Mode—Enter "d4" or "esf." This mode must match the method used on the other end of the link. The network diagram should indicate which choice for the particular DS1/T1 -span. Enter D4 for the three types of MEGACOM services. D4 is a framing format of 12 frames for analog representation on T1 carrier using DS1 signals. ESF is an extended frame format on T1 carrier using DS1 signals in which 24 frames are used to convey signaling for the channels.**

- **Signaling Mode—Enter "common-than" or "robbed-bit." This mode must match the method used on the other end of the link. For voice tie trunks, enter "robbed-bit" and "common-than" for alternate voice data (avd) trunks. Enter "robbed-bit" for the three types of MEGACOM services. Robbed-Bit Signaling is a per-channel signaling technique for transmitting signaling bits within each band on each of the 24 channels in a DS1 facility. The least significant bit in every sixth transmitted information frame is "robbed" and replaced by a signaling bit.**

- **DM1-BOS—Enter "y" to activate the DMI BOS mode when the signaling mode is common-channel and a TN722B circuit pack has been installed. When "n" is entered, indicates the DS1 will provide the AT&T proprietary format;' "y" indicates the DS1 /DM1 interface will provide the DMI format. Enter "n" for the three types of MEGACOM services. DM1/BOS provides a 24th channel signaling scheme using a DS1 facility which uses 23 message channels and 1 signaling channel (24th). DM1/BOS has greater capacity (ability to carry 64 kbps channels) than the 24th channel Robbed-Bit Signaling scheme.**

- **Slip Detection—Enter "y" to enable the slip-rate status of this circuit pack to be used by maintenance software to determine whether an excessive frame slip rate exists. Enter "n" when DMI is used or when testing is not required. Enter "y" for the three types of MEGACOM services.**

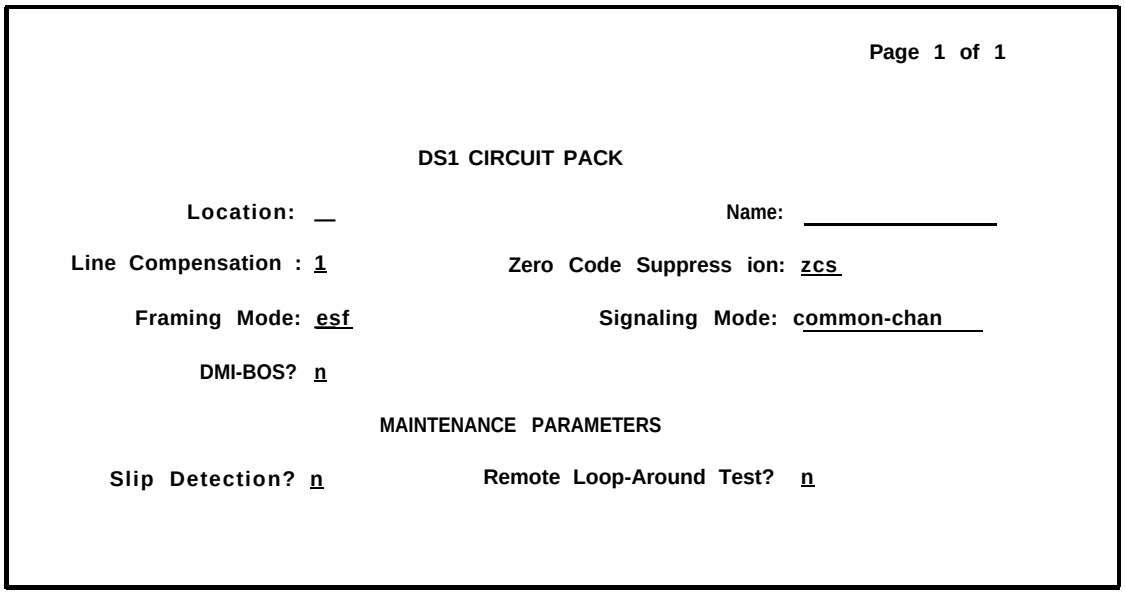
Note: Those DS1/T1 facilities that are used to provide the primary and secondary synchronization reference should be administered for slip detection "y." Typically, those other DS1/T1 spans that are used for data applications and which are deemed very important should also be administered for slip detection. This excludes all T1 -spans connecting channel banks, unless the channel bank is externally time. Normally, those DS1/T1 spans that are used exclusively for voice and which are not designed as the primary or secondary synchronization source should be administered for slip detection '{y. " Refer to the

network synchronization diagram in order to determine which option to choose.

The digital switch maintains a slip count record for each DS1 interface. The slip count is used to determine if the T1-span is experiencing errors and, if so, the severity of the errors (type alarm). Option "y" enables switching between the primary, secondary, or internal high-accuracy clock.

Note: If as many as 50 percent of those spans that are administered for slip detection are experiencing slips (with respect to the primary), then a decision is made to switch to the secondary.

- Remote Loop-Around Test—Enter "y" to allow testing or "n" to deny testing. This test is not possible unless the DSI is connected to appropriate equipment such as a DSX-1 cross-connect or a DMI interface. The response should be "n" unless the testing is extremely important. Enter "n" for the three types of MEGACOM services. Enter "y" if a CSU is connected.



Feature Access Codes

Purpose

This form is used to assign System 75 feature access codes that, when dialed, will activate or cancel certain System 75 features.

Instructions

Make assignments as required for the following fields:

- **In each field that ends with Access Code—Enter the digits that must be pressed to access that feature.**

  The Emergency Access To Attendant Access Code cannot be used if the customer did not purchase this feature.

  The access codes assigned to the Housekeeping Status (Client Room) and Housekeeping Status (Station) are assigned to reflect the customer requirements. These codes are transmitted to the Call Management System (CMS) for processing.

- **Transfer Into AUDIX—Enter the digits that must be pressed to access AUDIX.**

- **In each field that ends with Activation—Enter the digits required to activate the feature.**

- **In each field that ends with Deactivation—Enter the digits required to cancel or deactivate a feature.**

- **Leave Word Calling Message Retrieval Lock—Enter the digits that must be pressed to lock the display module on the voice terminal. (Users cannot retrieve Leave Word Calling Messages on a "locked" module.) The "Lock Messages" field on the voice terminal form must also be enabled.**

- **Leave Word Calling Message Retrieval Unlock—Enter the digits that must be pressed to unlock the display module. (A security code must also be entered to complete the unlocking.) This field must be set to "n" if "y" is entered in the previous field.**

- **Leave Word Calling Send A Message—Enter the digits that must be pressed to send a message.**

- **Leave Word Calling Cancel A Message—Enter the digits that must be pressed to cancel a message.**

The next seven fields apply to the Automatic Call Distribution (ACD) feature. These fields cannot be used if the customer did not purchase the ACD feature.

- **After Call Work Access Code—Enter the digits the agent must press when the agent will be performing work related ACD activities.**

- **Assist Access Code—Enter the digit the agent must press to request assistance from the split supervisor.**
- **Auto-in Access Code—Enter the digits the agent must press to become available to receive ACD calls.**
- **Aux Work Access Code—Enter the digits the agent must press when the agent will be performing non-ACD activities.**
- **Login Access Code—Enter the digits the agent must enter to gain access to the ACD functions. This is a systemwide digit for all ACD agents.**
- **Logout Access Code—Enter the logout code the agent must enter to exit ACD. This is a systemwide logout code for all ACD agents.**
- **Manual-In Access Code—Enter the digits the agent must press to receive new ACD calls upon the completion of an ACD call.**

The next fields apply to the Hospitality features. These fields cannot be used if the customer did not purchase the Hospitality package.

- **Automatic Wakeup Call Access Code—Enter the access code the user must dial to schedule or cancel their wakeup call.**
- **Housekeeping Status (Client Room) Access Code—Enter the access code the housekeeper dials from the client's room to provide room status. There are six codes.**
- **Housekeeping Status (Station) Access Code—Enter the access code the housekeeper must dial to provide room status. This access code must be dialed from designated voice terminals. There are four codes.**
- **Verify Wakeup Announcement Access Code—Enter the access code the user can dial to verify their wakeup announcement.**
- **Voice Do Not Disturb Access Code—Enter the access code the user must dial to enter or cancel a do not disturb request without using a display—through the use of voice prompting.**

```
                                                    Page 1 of 4

                          FEATURE ACCESS CODE (FAC)

          Abbreviated Dialing List1 Access Code: 101

          Abbreviated Dialing List2 Access Code: 102

          Abbreviated Dialing List3 Access Code: 103

                      Announcement Access Code:

                       Answer Back Access Code: 120

       Auto Alternate Routing (AAR) Access Code:

        Auto Route Selection (ARS)-Access Code1:        Access Code2:

                  Automatic Callback Activation: *5     Deactivation: #5

                    Call Forwarding Activation: *2      Deactivation: #2

                         Call Park Access Code: 115

                       Call Pickup Access Code: 117

CAS Remote Hold / Answer Hold-Unhold Access Code:

                    Data Origination Access Code: 134

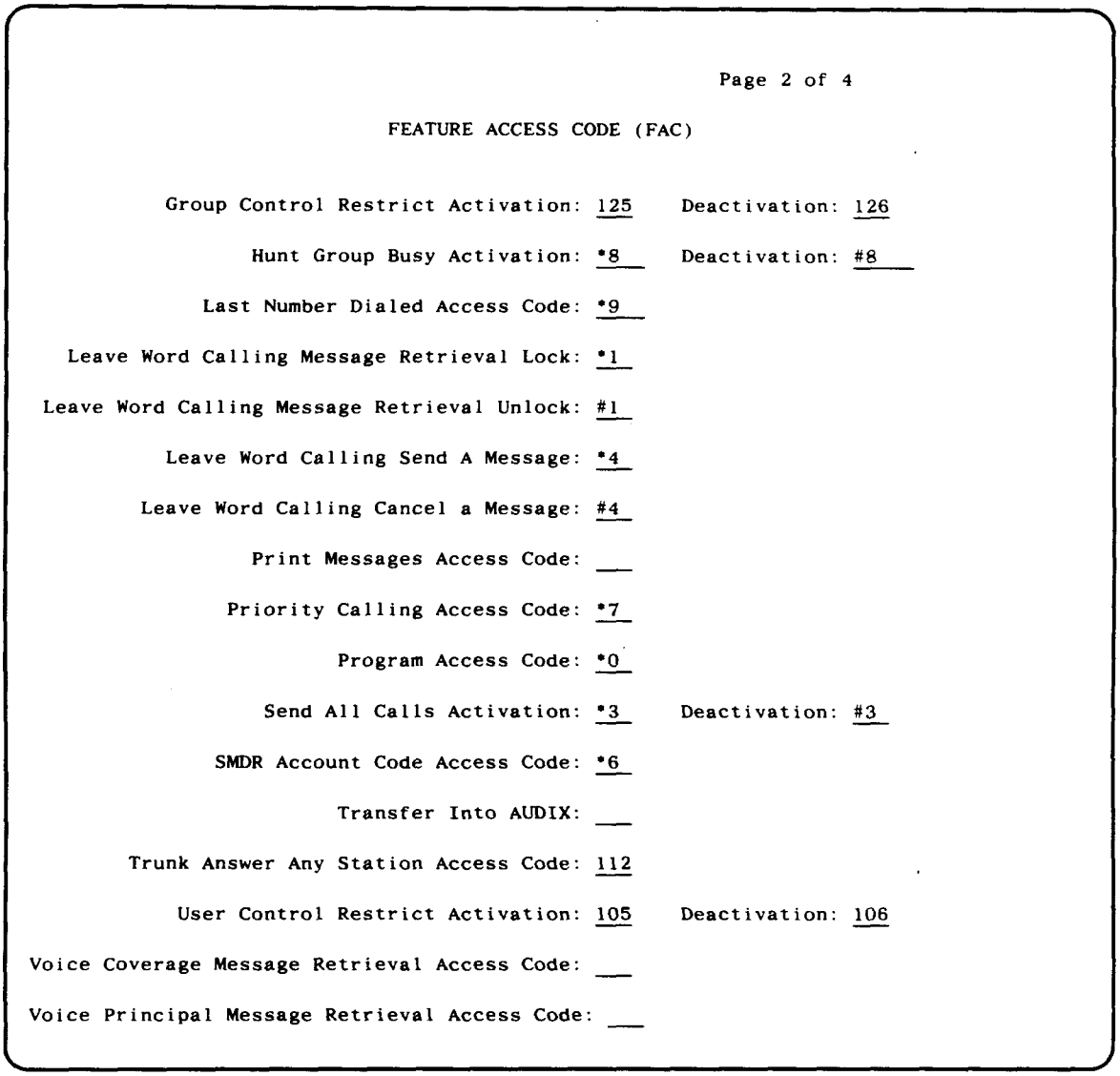
                       Data Privacy Access Code: 135

      Emergency Access To Attendant Access Code:

                  Facility Test Calls Access Code: 197
```

Implementation Note:

The Emergency Access To Attendant Acess Code field appears on this form when the customer has purchased the optional Emergency Access to the Attendant feature. The feature access code assigned to the CAS Remote Hold/Answer Hold-Unhold Access Code field should be the same access code for all System 75sin a CAS arrangement.



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FEATURE ACCESS CODE (FAC)

Group Control Restrict Activation:	125	Deactivation:	126
Hunt Group Busy Activation:	*8	Deactivation:	#8
Last Number Dialed Access Code:	*9		
Leave Word Calling Message Retrieval Lock:	*1		
Leave Word Calling Message Retrieval Unlock:	#1		
Leave Word Calling Send A Message:	*4		
Leave Word Calling Cancel a Message:	#4		
Print Messages Access Code:			
Priority Calling Access Code:	*7		
Program Access Code:	*0		
Send All Calls Activation:	*3	Deactivation:	#3
SMDR Account Code Access Code:	*6		
Transfer Into AUDIX:			
Trunk Answer Any Station Access Code:	112		
User Control Restrict Activation:	105	Deactivation:	106
Voice Coverage Message Retrieval Access Code:			
Voice Principal Message Retrieval Access Code:			

```
                                                    Page 3 of 4

                    FEATURE ACCESS CODE (FAC)

              Automatic Call Distribution Features

          After Call Work Access Code: __

                   Assist Access Code: __

                  Auto-In Access Code: __

                 Aux Work Access Code: __

                    Login Access Code: __

                   Logout Access Code: __

                  Manual-In Access Code: __
```

Implementation Note:

The ACD split group features appear on this form when the customer has purchased the optional ACD features.

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FEATURE ACCESS CODE (FAC)
Hospitality Features

Automatic Wakeup Call Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Station) Access Code: _____

Housekeeping Status (Station) Access Code: _____

Housekeeping Status (Station) Access Code: _____

Housekeeping Status (Station) Access Code: _____

Verify Wakeup Announcement Access Code: _____

Voice Do Not Disturb Access Code: _____

Implementation Note:

This page appears when the customer has purchased the Hospitality features option.

Feature Module

Purpose

This form must be filled out if "y" was entered on the "F401A Feature Module" field for the 7405D Voice Terminal.

When this form is completed, attach it to the Voice Terminal Form.

Instructions

Make assignments as required for the following fields:

- **Using Table 6-N, choose the features desired for the Feature Module,**
- **In each field labeled FEATURE MODULE BUTTON ASSIGNMENTS 1 through 24, enter the feature/function name you selected in above. See Figure 6-10 for the Feature Module button assignment.**
- **Apply the punch-out button label(s) supplied with the module.**

Page 2 of y

STATION

FEATURE MODULE BUTTON ASSIGNMENTS

1:	_____	13:	_____
2:	_____	14:	_____
3:	_____	15:	_____
4:	_____	16:	_____
5:	_____	17:	_____
6:	_____	18:	_____
7:	_____	19:	_____
8:	_____	20:	_____
9:	_____	21:	_____
10:	_____	22:	_____
11:	_____	23:	_____
12:	_____	24:	_____

Table 6-N. Feature Module Button Assignments

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (List:____ DC:____)	N	1
	Abrv Dial Program	abr-prog	1	
	Abrv Dial Suppress	abr-spchar (Char:~s)	N	
	Stored Number	stored-num	1	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	N	2
	Assist	assist (Grp. No:___)	1 per split group	2
	Auto In	auto-in (Grp. No.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	2
	Manual-In	manual-in (Grp. No.___)	1 per split group	2
	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	
Auto Wakeup	Auto Wakeup	auto-wkup	1 per split group	1
Automatic Callback	Automatic Callback	auto-cback	N	

*N = any number of buttons on the module can be assigned to this featuer or function.

(See Notes at end of table.)

Table 6-N. Feature Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Automatic Circuit Assurance	ACA	aca-call	1 per system	
Busy Verification	Verify	verify	1	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send Trm (Grp:____)	send-term (Grp:____)	N	
	Go To Coverage	goto-cover	1	
	Send All Calls	send-calls (Type:____ Grp:____)	1	3
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1 per system	
Date and Time	Date Time	date-time	1	
Data Call Setup	Data (Ext. # of Data Module)	data-ext (Ext:____)	N	

***N= any number of buttons on the module can be assigned to this featuer or function.**

(See Notes at end of table.)

Table 6-N. Feature Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Do Not Disturb	Do Not Disturb	dn-dst	1 per system	
	Do Not Disturb Ext	ext-dn-dst	1 per system	
	Do Not Disturb Grp	grp-dn-dst	1 per system	
Elapsed Time	Timer	timer	1	
Facility Busy Indication	Busy (TAC or Ext #)	busy-ind (Ext:____)	N	4
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Minor Hdwe Failure	minor-alrm	10 per system	
	Maint Testing Hdwe	warn-alrm	10 per system	
Inspect	Inspect Mode	inspect	1	
Integrated Directory	Integrtd Directry	directory	1	
Intercom-Automatic	Auto Icom (Ext #)	auto-icom (Grp:____ DC:____)	N	5
Intercom-Dial	Dial Icom	dial-icom (Grp:____)	N	6
Last Number Dialed	Last Numb Dialed	last-numb	1	

***N = any number of buttons on the module can be assigned to this feature or function. (See Notes at end of table.)**

Table 6-N. Feature Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	Message (Ext # of Principal)	auto-msg-wt (Ext:____)	N	7
	Leave Word Calling	lwc-cstore	1	
Leave Word Calling/Digital Display	Cancel Leave Word	lwc-cancel	1	
	Delete Message	delete-msg	1	
	Leave Word Lock	lwc-lock	1	
	Message Retrieve	msg-retr	1	
	Next	next	1	
	Call Display	call-disp	1	
Link Failure	Link Failure (Link No. ___)	link-alarm (Link No. ___)	10 per system	8
Manual Signaling	Signal	signal (Ext:____)	N	
Message Waiting-Manual	Msg Wait (Ext # of Matching Button)	man-msg-wt (Ext:____)	N	9

*N = any number of buttons on the module can be assisgned to this featuer or function.

(See Notes at end of table.)

Table 6-N. Feature Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Night Service	Hunt Group	hunt-ns (Grp.___)	3 per hunt group	10
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	11
Night Service Activation	Night Service	night-serv	1 per system	
Normal Mode/ Digital Display	Normal Mode	normal	1	
PMS Interface	Check-In	check-in	1 per system	
	Check-Out	check-out	1 per system	
	Message Waiting Act.	mwn-act	1 per system	
	Message Waiting Deact.	mwn-deact	1 per system	
Personal Central Office Line Groups	CO Lines	per-COline (Grp:____)	N	12
Priority Calling	Prior Call	priority	N	
Privacy-Manual Exclusion	Exclusion	exclusion	1	

(See Notes on next page.)

*N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-N. Feature Module Button Assignments (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Queue Status Indications	Queue Status	queue-call (Ext: ____)	1 per hunt group	
	Queue Time	queue-time (Ext: ____)	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observing	serv-obsrv	1	
Terminating Extension Group	Term Grp	term-x-gr (Grp:____)	N	13
Trunk Identification	Trunk-ID	Trk-id	1	
UCD/DDC	Make Busy	make-busy (Grp:____)	N	
UCD/DDC/Call Coverage (Answer Group)	(Group Type) (Group #)	in-call-id (Type:____ Grp:____)	N	14

† **The use of service observing featuers may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.**

***N = any number of buttons on the module can be assigned to this feature or function.**

(See Notes on next page.)

Table 6-N. Feature Module Button Assignments (Contd)

Notes:

1. List: List number 1 to 3 where the destination number is stored.

DC: Dial code of destination number, O to 60 on the list.

2. Grp: The split group number for ACD (1 to 32).

3. TAC/ Ext: Trunk or extension number of voice terminal to be monitored.

4. Grp: Dial icom group number (1 to 32). This extension and destination extension number must both be in the same group.

5. Grp: Dial icom group number (1 to 32).

6. Ext: Extension number of principal.

7. Link: A Link number (1 to 4).

8. Ext: The destination extension.

9. Grp: A hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

10. Grp: A trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).

11. Grp: Central Office line group numbers (1 to 40).

12. Ext: Extension number of hunt group.

13. Grp: Terminating extension group number (1 to 32).

14. Type: A “c” for coverage answer group, “h” for a uniform call distribution or direct department calling group.

Grp: The number of the group (1 to 100 for “c”, 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

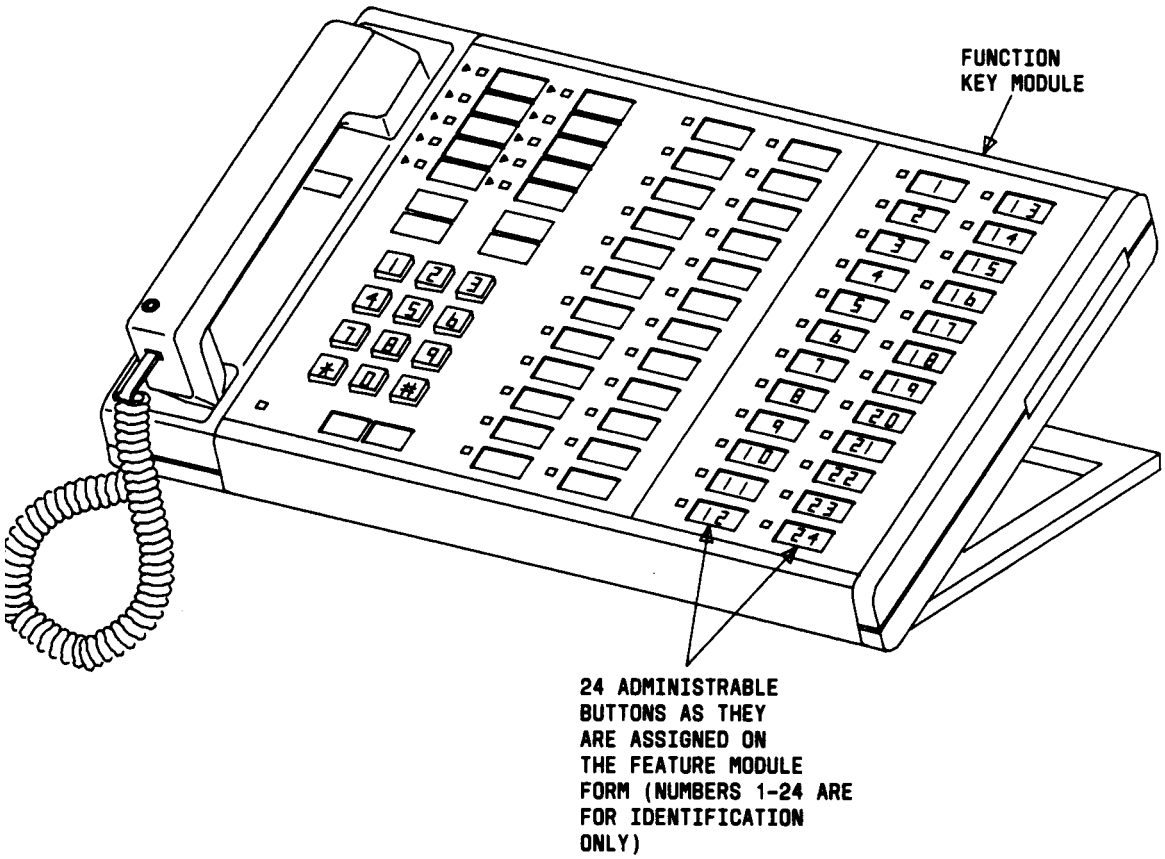


Figure 6-10. **Model 7405D Voice Terminal With Optional Feature Module and Administrable Button Assignment**

Feature Related System Parameters

Purpose

This form is used to implement the system parameters associated with the System 75.

Instructions

Make assignments as required for the following fields:

- **Trunk-to-Trunk Transfer—Enter ‘‘ y” (yes) to enable trunk-to-trunk transfer. This allows voice terminal users to set up trunk-to-trunk transfer, go on-hook without disconnecting the call, and forward calls to a remote location. Enter “n” (no) if this option is not desired.**

- **Coverage—Don’t Answer Interval for Subsequent Redirection (rings)—Enter the desired number of rings from 1 to 99. This is the number of times a voice terminal in a Call Coverage path will ring before the call is routed to the next coverage point. A typical (recommended) interval is 2 to 3 rings.**

- **Coverage—Caller Response Interval (seconds)—Enter a number in seconds from O to 10. This is the time the caller will have before the call redirects to the next coverage point. The calling party can either “hang up, ” use Leave Word Calling, or press the Go to Cover button during this time interval.**

- **Keep Held SBA At Coverage Point—Enter “y” which controls the keeping or dropping of simulated bridged appearance on hold at the coverage point when the principal enters the call. If the bridged appearance is kept, the covering user may then enter the call along with the principal and the calling party.**

- **Automatic Callback—No Answer Timeout Interval (rings)—enter the desired number of rings from 2 to 9. This is the number of times the callback call rings before the callback call is canceled.**

- **Call Park Timeout Interval (minutes)—Enter the desired number (in minutes) from 1 to 90 that a call can remain parked before it is canceled.**

- **Off-Premises Tone Detect Timeout Interval (seconds)—Enter the number of seconds (5 to 25) that a call progress tone receiver (CPTR) will search for a tone from off-premises during outpulsing. Once the time-out interval occurs, any additional call progress tones will not be recorded.**

- **AAR/ARS Dial Tone Required—Enter “y” to indicate if a second dial tone is required after the feature access code; otherwise, enter “n. ” A second dial tone provides positive feedback to the user that additional dialing can occur.**

- **Music On Hold Port-Enter the port number that will provide Music-on-Hold access. This requires a port on a TN763 Auxiliary Trunk circuit pack. Enter a carrier letter (A to E) from slot numbers (01-18) and a circuit number (01-24). For System 75 XE and V3, enter a slot number from 01-18.**

- **Music (or Silence) On Trunk Transferred Calls—Allows a transferred call to receive silence if the Music-on-Hold is not installed or to receive music if it is installed. Allowable entries are "all," " call-wait, " or "no." If all is entered, all transferred trunk calls will receive music or silence. If call-wait is entered, transferred trunk calls to busy analog voice terminals with call waiting will receive music or silence. If "n" is entered, all transferred calls will receive ringback or busy tone.**

- **DID Tie Intercept Treatment— Enter a recorded announcement extension number or 0 for attendant to be used for intercept for invalid Direct Inward Dialing and/or trunk calls.**

- **AP Connected—Enter "y" if an Applications Processor is connected to the system; otherwise, enter "n. "**

- **ACA Enabled—Enter "y" to enable the Automatic Circuit Assurance (ACA); otherwise, enter "n. " If "y" is entered, complete the next five fields.**

- **ACA Referral Calls—Enter "local," "primary," or "remote" to indicate where ACA referral calls will be generated. (This field is used only when ACA Enabled is answered "y.") Remote referral calls are generated at another switch in a DCS network. Local referral calls are generated on and for the local switch. Primary referral calls are generated on the local switch for remote switches as well as the local switch.**

- **ACA Remote PBX Identification—Enter a number between 1 and 63 to identify the switch in a DCS network that makes the referral call. This field only appears if "remote" is entered in "ACA Referral Calls. "**

- **ACA Referral Destination—Enter the extension on the local switch that receives the ACA referral call, or enter O for attendant. This field only appears if local or primary is entered in "ACA Referral Calls. "**

- **ACA Short Holding Time Originating Extension and ACA Long Holding Time Originating Extension— Enter an extension number not assigned to a physical device in each field. Do not use the same extension number for both fields. The specified extensions are automatically assigned by the system when the form is submitted. These fields only appear if local or primary is entered in "ACA Referral Calls. "**

  The extension number assigned to ACA Short Holding Time originates ACA referral calls for short holding time warnings. The extension number assigned to ACA Long Holding Time originates ACA referral calls for long holding time warnings.

LEAVE WORD CALLING PARAMETERS

- **Max. Number of Messages Per Station (doesn't apply when AP is in service)— Enter the maximum number of Leave Word Calling Messages (O to 125) that can be left for a voice terminal.**

- **Stations with System-wide Retrieval Permission (enter extension) —Enter up to 10 voice terminal extension numbers that can retrieve Leave Word Calling Messages for all other voice terminals. A single O (zero) entry gives retrieval permission to all attendants.**

SMDR PARAMETERS

An ineffective call attempt is a call originating at a station on the System 75 that is blocked due to an authorization feature or unavailability of outgoing trunks.

- **Output Device(V3)—Enter nap" for the Application Processor, "94a/lsu" for the 94A local storage unit, "printer" for a printer, "teleseer" for a TELESEER® Station Message Detail Recorder (SMDR) unit, or "59-char" for upgrade from V2 to V3 only. This is the output device that receives the SMDR data from the System 75. The output device chosen (except the AP) must have an extension number assigned in the next field.**

- **Output Device Ext.(V3)—Enter the data extension number of the MPDM or the Modular Trunk Data Module assigned to a 94A local storage unit, printer, or TELESEER SMDR unit. For System 75 XE, enter "eia" or "59-char." Enter eia if SMDR is connected to the DCE connector (EIA part) on the cabinet.**

- **Printer Width—Enter "80" for an 80-column printer output or "132" for a 132-column printer output. This field must be filled out if "printer" was entered for the output device.**

- **EIA Device Baud Rate (System 75 XE)—Enter the speed the SMDR will operate. This field must be completed if "eia" was entered in the "Output Device Ext. " field. Allowable entries are 300, 1200, 2400, 4800, or 9600. This must be completed if SMDR is connected to the DCE connector (EIA port) on the cabinet.**

- **Record Outgoing Calls Only— Enter "y" to record SMDR information on outgoing calls only; otherwise, enter "n."**

- **SMDR Account Code Length— Enter the desired length of the account codes (1 to 15), if used. All account codes must be the same length.**

- **Enable Disconnect Information In Place of FRL—enter "y" to allow disconnect data to be printed instead of an FRL field data on the SMDR report; otherwise, enter "n". Entering "n" enables the FRL field data to be recorded on the SMDR report.**

- **Forced Entry of Account Codes for 0/1 Toll Calls—Enter "y" or "n" to indicate whether or not an account code will be required when making a toll call. A toll call is defined as any outgoing call with a "O" or a "1" in either of the first two positions of the dialed number, except service calls (911 or 411), directory assistance calls, and 800 Service Calls. This will not necessarily be all chargeable calls and it may even include some non-chargeable calls. If there are overlapping area codes and office codes, then only the first digit will be used to identify a toll call. Do not complete this field if the customer did not purchase the Forced Entry Of Account Codes Entry feature.**

- **Suppress SMDR for Ineffective Call Attempts—Enter "y" if you do not want to record unsuccessful call attempts; otherwise, enter "n. " An ineffective call attempt is a call originating at the station on the System 75 that is blocked due to insufficient FRL, Authorization Code feature, or no available outgoing trunks.**

- **Calls to Hunt Group-Record—Allows SMDR to record calls made to a hunt-group or member of a hunt group. Allowable entries are "group ext" for the hunt group or "member-ext" for member of a hunt group.**

- **Emergency Access Queue Length—Enter the number of calls from 1 to 50 that can go in the emergency queue.**

- **Time Before Off-Hook Alert-Enter the time in seconds a voice terminal with an off-hook alert class of service can remain off-hook before an emergency call for the voice terminal is sent to the attendant. Allowable entries are 10 to 3000 seconds.**

- **Redirection Extension on Full Emergency Access Queue—Enter the extension number where emergency queue overflow will redirect.**

- **Service Observing Warning Tone (see Note)—Enter "y" to assign a warning tone to voice terminal users who will be monitored by the Service Observing feature. Enter "n" if this feature is not desired.**

  Note: The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

- **ACD Log-in Identification Length—Enter the number of digits from O to 9 that must be dialed in order to access Automatic Call Distribution (ACD).**

- **Controlled Outward Restriction Intercept Treatment—Enter the type of intercept treatment the caller receives when the call is outward restricted. Allowable entries are: "announcement," "attendant," "extension, " or "tone. " If announcement is entered, the extension number for the announcement must be entered in the field beside announcement. If extension is entered, an extension number must be entered in the field beside extension.**

- **Controlled Termination Restriction (Do Not Disturb)—Enter the type of intercept treatment the caller receives when the call is placed to a termination restricted voice terminal. Allowable entries are: "announcement," "attendant," "extension," or "tone." If announcement is entered, the extension number for the announcement must be entered in the field beside announcement (see Recorded Announcement form). If extension is entered, an extension number must be entered in the field beside extension. This extension number is assigned to the termination restricted voice terminal.**

- **Controlled Station-to-Station Restriction—Enter the type of intercept treatment the caller receives when the call is placed to a restricted voice terminal. Allowable entries are: "announcement," "attendant," "extension, " or "tone." If announcement**

is entered, the extension number for the announcement must be entered in the field beside announcement. If extension is entered, an extension number must be entered in the field beside extension. This extension number is assigned to the restricted station.

- **Authorization Codes Enabled—Enter "y" which allows the customer to enable the Authorization Codes feature on a systemwide basis. This field cannot be enabled if the customer did not purchase the Authorization Codes feature.**
- **Authorization Code Length—Enter a number from 4 to 7 that defines the number of digits (length) in the authorization code field. This field must be completed if the Authorization Codes Enabled field is enabled. This is the number of digits that must be assigned to the authorization code (AC) field on the authorization code form.**
- **Authorization Code Cancellation Symbol—Enter cancellation symbol the caller must enter to cancel the 10-second delay before entering the authorization code. The cancellation code # must be entered if the main and tandem switches are both System 75s. The cancellation code 1 must be entered if a System 85 or DIMENSION® PBX switch is part of the complex/network.**
- **Attendant Time Out Flag—Enter "y" if the caller will be routed to the attendant if the caller does not dial an authorization code within 10 seconds or dials an invalid authorization code. If this field is not enabled the caller will receive the intercept tone. This flag affects only remote users that are dialing remote access calls or calls coming over incoming trunks requiring an authorization code.**

```
                                                    Page 1 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

                                          Trunk-to-Trunk Transfer? n

Coverage - Don't Answer Interval for Subsequent Redirection (rings): 3

                  Coverage - Caller Response Interval (seconds): 4

                                  Keep Held SBA at Coverage Point: y

          Automatic Callback - No Answer Timeout Interval (rings): 4

                       Call Park Timeout Interval (minutes): 10

             Off-Premises Tone Detect Timeout Interval (seconds): 6

                                  AAR/ARS Dial Tone Required? y

                                          Music On Hold Port: _____

               Music (or Silence) On Trunk Transferred Calls: _____

                                DID Tie Intercept Treatment: 0

                                                AP Connected? n

                                                ACA Enabled? n
```

Implementation Note:

This form depicts ACA disabled.

```
                                                        Page 1 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

                                          Trunk-to-Trunk Transfer? n

Coverage - Don't Answer Interval for Subsequent Redirection (rings): 3

                    Coverage - Caller Response Interval (seconds): 4

                                  Keep Held SBA At Coverage Point: y

          Automatic Callback - No Answer Timeout Interval (rings): 4

                               Call Park Timeout Interval (minutes): 10

              Off-Premises Tone Detect Timeout Interval (seconds): 6

                                    AAR/ARS Dial Tone Required? y

                                           Music On Hold Port: _____

                Music (or Silence) On Trunk Transferred Calls: _____

                                 DID Tie Intercept Treatment: 0

                                          AP Connected? n

                                           ACA Enabled? y

                                      ACA Referral Calls: local

                                  ACA Referral Destination: 0

                ACA Short Holding Time Originating Extension: _____

                 ACA Long Holding Time Originating Extension: _____

  Controlled Outward Restriction Intercept Treatment: tone _____

Controlled Termination Restriction (Do Not Disturb): tone _____

          Controlled Station-to-Station Restriction: tone _____
```

Implementation Note:

This form depicts ACA enabled and Referral Calls: local.

```
                                                        Page 1 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

                                          Trunk-to-Trunk Transfer? n

Coverage - Don't Answer Interval for Subsequent Redirection (rings): 3

                  Coverage - Caller Response Interval (seconds): 4

                                  Keep Held SBA At Coverage Point: y

          Automatic Callback - No Answer Timeout Interval (rings): 4

                       Call Park Timeout Interval (minutes): 10

             Off-Premises Tone Detect Timeout Interval (seconds): 6

                                  AAR/ARS Dial Tone Required? y

                                          Music On Hold Port: _____

                Music (or Silence) On Trunk Transferred Calls: _____

                                  DID Tie Intercept Treatment: 0

                                                AP Connected? n

                                                 ACA Enabled? y

                                          ACA Referral Calls: remote

                                  ACA Remote PBX Identification: _____
```

Implementation Note:

This form depicts ACA enabled and Referral Cails: remote.

(V3)

```
                                                        Page 2 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

LEAVE WORD CALLING PARAMETERS

Max. Number of Messages Per Station (doesn't apply when AP is in service): 10

     Stations with System-wide Retrieval Permission (enter extension)

          1: ____    3: ____    5: ____    7: ____    9: ____

          2: ____    4: ____    6: ____    8: ____   10: ____

SMDR PARAMETERS

    Output Device: _______   Output Device Ext: ____    Printer Width: 80

                          Record Outgoing Calls Only? n

                            SMDR Account Code Length: 2

       Enable Disconnect Information In Place of FRL? _

    Forced Entry of Account Codes for 0/1 Toll Calls? n

         Suppress SMDR for Ineffective Call Attempts? y

                          Calls to Hunt Group-Record: ____
```

Implementation Note:

Page 2 is identical for all versions of this form (V3).

(System 75 XE)

```
                                                        Page 2 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

LEAVE WORD CALLING PARAMETERS

Max. Number of Messages Per Station (doesn't apply when AP is in service): 10

     Stations with System-wide Retrieval Permission (enter extension)

          1: ____    3: ____    5: ____    7: ____    9: ____

          2: ____    4: ____    6: ____    8: ____   10: ____

SMDR PARAMETERS

    Output Device: ________   Output Device Ext: ____    Printer Width: 80

                                EIA Device Baud Rate: 9600

                          Record Outgoing Calls Only? n

                            SMDR Account Code Length: 2

       Enable Disconnect Information In Place of FRL? _

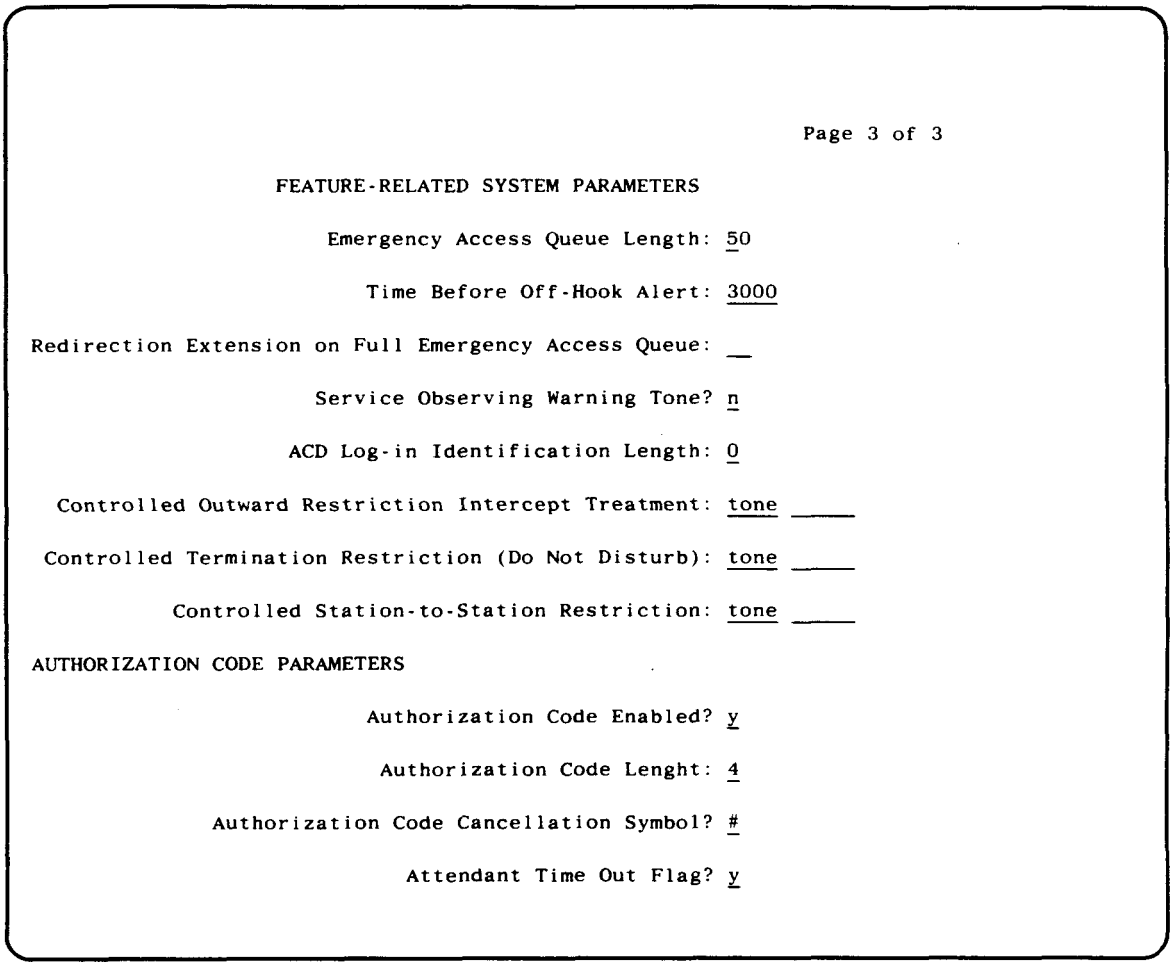
    Forced Entry of Account Codes for 0/1 Toll Calls? n

         Suppress SMDR for Ineffective Call Attempts? y

                          Calls to Hunt Group-Record: _____
```

Implementation Note:

Page 2 is identical for all versions of this form (XEV3).



```
                                                    Page 3 of 3

                  FEATURE-RELATED SYSTEM PARAMETERS

                      Emergency Access Queue Length: 50

                        Time Before Off-Hook Alert: 3000

Redirection Extension on Full Emergency Access Queue: __

                        Service Observing Warning Tone? n

                     ACD Log-in Identification Length: 0

  Controlled Outward Restriction Intercept Treatment: tone _____

 Controlled Termination Restriction (Do Not Disturb): tone _____

           Controlled Station-to-Station Restriction: tone _____

AUTHORIZATION CODE PARAMETERS

                            Authorization Code Enabled? y

                             Authorization Code Lenght: 4

                Authorization Code Cancellation Symbol? #

                               Attendant Time Out Flag? y
```

Implementation Note:

Page 3 is identical for all versions of this form.

Hop Channel Assignments

Purpose

This form is used to assign up to 64 Hop Channels.

Instructions

Make assignments as required for the following fields:

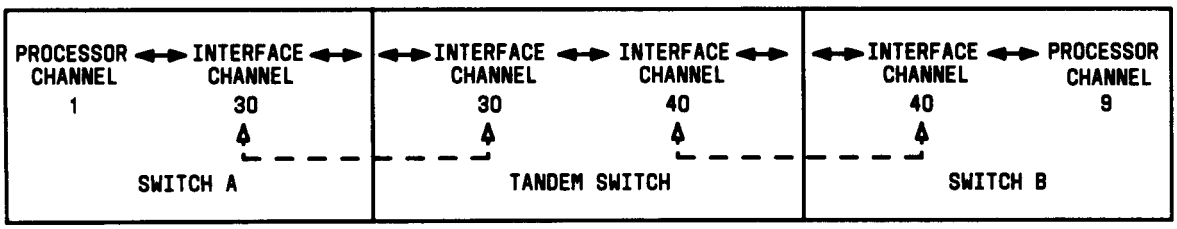
- **Link—(two fields) Enter an interface link number between 1 and 4 in each field.**
- **Chan—(two fields) Enter a number between 1 and 64 in each field.**
- **Priority-Enter "h" or "1" to indicate whether the hop channel is high or low priority. Priorities should be assigned based on the operational speed of the links and the number of hops in the network channel.**

Note: Observe the following when assigning hop channels:

— The Link/Chan pair must not be assigned to a local processor channel on the Processor Channel Assignments form.

— All five fields associated with a hop channel must be completed or left blank.

— For tandem switches, ensure that the interface link channel numbers match between the tandem and far-end switch. See example below.



THE INTERFACE CHANNELS ON THE TANDEM SWITCH SHOULD MATCH THE INTERFACE CHANNELS ON SWITCHES A AND B. THE PROCESSOR CHANNELS DO NOT HAVE TO MATCH.

Page 1 of 2

HOP CHANNEL ASSIGNMENT

Link/Chan		Link/Chan		Priority	Link/Chan		Link/Chan		Priority
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

Page 2 of 2

HOP CHANNEL ASSIGNMENT

Link/Chan	Link/Chan	Priority	Link/Chan	Link/Chan	Priority

Hospitality-Related System Parameters

Purpose

This form is used to implement the system parameters associated with the hospitality features.

Instructions

Make assignments as required for the following fields:

- **PMS—Enter "y" (yes) if Property Management System (PMS) is used; otherwise, enter "n" (no).**
- **Message Waiting Configuration—Indicates if message waiting notification is active. If active, the System 75 and the PMS exchange message waiting information. Allowable entries are inactive, act-nopms, or act-pros; act-nopms indicates message waiting is activated but no waiting message information is being transmitted between PMS and the System 75; act-pros indicates message waiting is activated and transmitting information between the PMS and the System 75.**
- **Controlled Restrictions Configuration—Indicates if controlled restriction is active on the system. If active, the System 75 and the PMS exchange controlled restriction information. Allowable entries are inactive, act-nopms, or act-pros.**
- **Housekeeper Information Configuration—Indicates if housekeeper information is active for the system. If active, the System 75 and PMS exchange housekeeper information. Allowable entries are inactive, act-nopms, or act-pros.**
- **Number of Housekeeper ID Digits—Enter the number of digits from O to 6 the housekeeper must dial for identification.**
- **Extension of PMS Log Printer—Enter the data extension number of the PDM data module that is connected to the PMS/Log printer.**
- **Extension of Journal/Schedule Printer—Enter a valid data extension number assigned to the Journal/Log printer. This extension number is dialed by the system so it can send log information to the printer.**
- **Extension of PMS—Enter the data extension number the System 75 must dial to access PMS.**
- **Seconds Before PMS Link Idle Timeout—Enter the idle time in seconds (5 to 20) the System 75 must wait for a signal before it disconnects from the PMS transmission link.**
- **Milliseconds Before PMS Link Acknowledgement Timeout—Enter the time in milliseconds (100 to 1000) the System 75 waits for an acknowledgement from the PMS indicating it correctly received a message.**

- **PMS Link Maximum Retransmissions—Enter the number of times (1 to 5) the System 75 will retransmit a message to the PMS.**

- **PMS Link Maximum Retransmission Request—Enter the number of times (1 to 5) the System 75 will request the PMS to retransmit a message.**

- **Time of Scheduled Wakeup Activity Report-Enter the time the Wakeup Activity Report will be printed. This report summarizes the wakeup activity for each extension that had wakeup activity for the past 24 hours. Enter the time hh[:mm][a/pm] where hh=hour, mm=minute, a/pm=am or pm.**

- **Time of Scheduled Wakeup Summary Report-Enter the time the Wakeup Summary Report will be printed. This report gives an hour-by-hour summary of the number of scheduled wakeup calls and a list of extensions to which wakeup calls were attempted but did not complete during the hour. Enter the time hh[:mm][a/pm] where hh=hour, mm=minute, a/pm=am or pm.**

- **Time of Scheduled Emergency Access Activity Report-Enter the time the Emergency Access Activity Report will be printed. Enter the time hh[:mm][a/pm] where hh=hour, mm=minute, a/pm=am or pm.**

- **Announcement Type—Enter the type of automatic wakeup announcement the hotel guest will receive. Allowable entries are: external, music-on-hold, silence, or voice-synthesis.**

  If voice-synthesis is entered, complete the Announcement Ports field. if external is entered, complete the Auxiliary Board for Announcement field.

- **Announcement Ports-Enter two 5-character port numbers. The port numbers are assigned to two different ports (01 or 02) on the Voice Synthesizer circuit pack. Each port has a different wakeup call announcement. For System 75 XE, assign a slot number from 01 to 18.**

- **Auxiliary Board For Announcement—Enter a 3-character board number. This field requests the circuit pack address that connects to the external announcement equipment. For System 75 XE, assign a slot number from 01 to 18.**

- **Length of Time To Remain Connected To Announcement—Enter the length of time in seconds (O to 300) the hotel guest will receive a wakeup call announcement.**

- **Routing Extension To Receive Failed Wakeup LWC Messages—enter the extension number or O (attendant) where unsuccessful wakeup LWC messages will be stored.**

- **Routing Extension On Unavailable Voice Synthesis—Enter the extension number or O (attendant) a wakeup call will go to if the two wakeup announcements on the Voice Synthesizer circuit pack are not available.**

```
                                        Page 1 of 2
              HOSPITALITY

                                    PMS: n

              Message Waiting Configuration: act-nopms

           Control Restrictions Configuration: act-nopms

         Housekeeper Information Configuration: act-nopms

             Number of Housekeeper ID Digits: 0

               Extension of PMS Log Printer: ____

         Extension of Journal/Schedule Printer: ____

                PMS LINK  PARAMETERS

                           Extension of PMS: ___

          Seconds before PMS Link Idle Timeout: 10

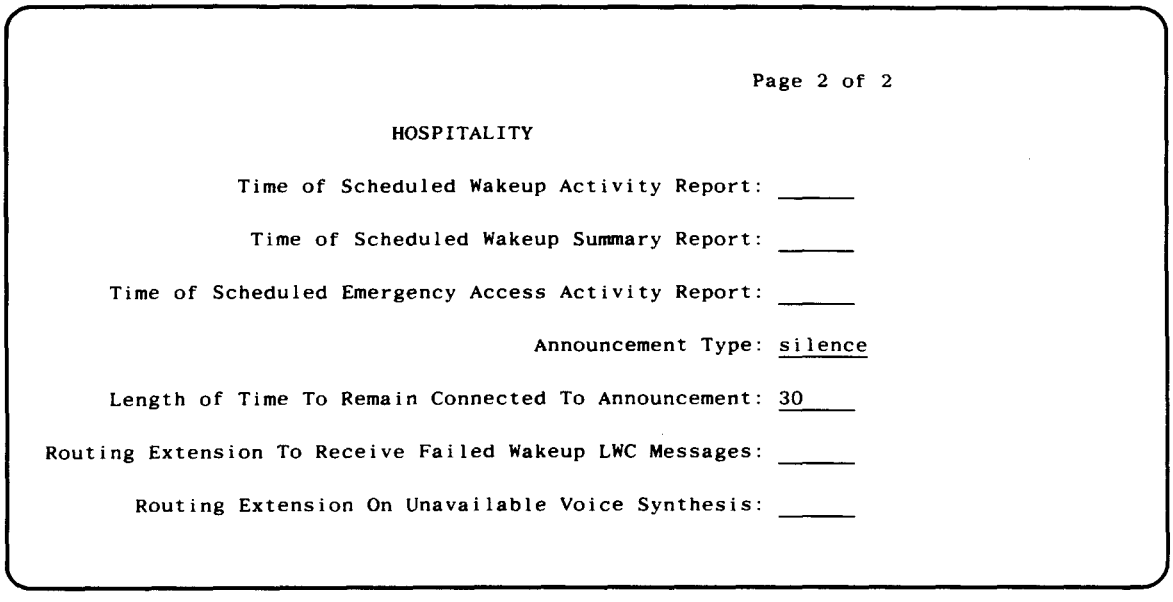
Milliseconds before PMS Link Acknowledgement Timeout: 200

             PMS Link Maximum Retransmissions: 3

        PMS Link Maximum Retransmission Request: 3
```

Implementation Note:

Page 1 is identical for all versions of this form.



Page 2 of 2

HOSPITALITY

Time of Scheduled Wakeup Activity Report: _____

Time of Scheduled Wakeup Summary Report: _____

Time of Scheduled Emergency Access Activity Report: _____

Announcement Type: silence

Length of Time To Remain Connected To Announcement: 30

Routing Extension To Receive Failed Wakeup LWC Messages: _____

Routing Extension On Unavailable Voice Synthesis: _____

Implementation Note:

This form depicts Announcement Type as silence.

Page 2 of 2

HOSPITALITY

Time of Scheduled Wakeup Activity Report: _____

Time of Scheduled Wakeup Summary Report: _____

Time of Scheduled Emergency Access Activity Report: _____

Announcement Type: voice-synthesis

Announcement Ports:

Length of Time To Remain Connected To Announcement: _____

Extension To Receive Failed Wakeup LWC Messages: _____

Routing Extension On Unavailable Voice Synthesis: _____

Implementation Note:

This form depicts Announcement Type as voice-synthesis. The Announcement Ports field must be completed if voice-synthesis is entered as the Announcement Type.

Page 2 of 2

HOSPITALITY-RELATED SYSTEM PARAMETERS

Time of Scheduled Wakeup Activity Report: _____

Time of Scheduled Wakeup Summary Report: _____

Time of Scheduled Emergency Access Activity Report: _____

Announcement Type: external

Auxiliary Board For Announcement:

Length of Time To Remain Connected To Announcement: _____

Extension To Receive Failed Wakeup LWC Messages: _____

Routing Extension On Unavailable Voice Synthesis: _____

Implementation Note:

This form depicts Announcement Type as external. The Auxiliary Board For Announcement field must be completed if external is entered as the Announcement Type.

Hunt Groups

Purpose

Hunting checks for the busy or idle status of extension numbers in the hunt group. Uniform Call Distribution (UCD) selects the "most idle" extension. Direct Department Calling (DDC) selects the first available extension (in the administered sequence).

This form is used to create Hunt Groups which are identified by a Hunt Group number from 1 to 32. Users assigned to a Hunt Group are identified by their extension number. Up to 100 users can be assigned to a Hunt Group. Up to five hunt groups can be assigned for the Hospitality Parameter Reduction feature.

Several different hunt group forms can be used to implement a hunt group and its associated features such as Automatic Call Distribution (ACD) and hunt group queuing. Look at the various hunt group forms and choose the forms that can be used to implement your hunt group requirements.

Once the forms have been chosen, review the instructions below and use the instructions for the fields that appear on the forms. The instructions listed below describe ail the fields that can be used; however, some of the fields may not appear on the forms you selected. The Implementation Note at the bottom of some of the screen forms shows the fields that can be used when the ACD, Queue, and Call Management System (CMS) parameters are assigned using different combinations of y (yes) and n (no).

Instructions

Make assignments as required for the following fields:

- **Group Number—Enter a hunt group number from 1 through 32. Enter a number from 1 through 5 for the Hospitality Parameter Reduction feature. For the Hospitality Parameter Reduction feature, enter a hunt group number from 1 through 5.**
- **Group Extension—Enter an unused extension number assigned to the hunt group.**
- **Group Type—Enter the type of hunt group: ucd or ddc. Enter ucd if AUDIX is used.**
- **Group Name—Enter a 15-character string that uniquely identifies the group, for example, "parts dept.," "purchasing," or "sales dept."**
- **Coverage Path—Enter a coverage path number from 1 through 400. This assigns a coverage path for the Hunt Group. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 through 5.**
- **COR—Enter the class of restriction (COR) number from O through 63 that reflects the desired customer restriction for the Hunt Group.**
- **Security Code—Enter a 4-digit security code. This is the password for the AP Demand Print feature.**

- **Message Center—Enter the type of message center the hunt group belongs to. Allowable entries are "ap" (Applications Processor), "rem-audix" (DCS feature allowing AUDIX to be located on another switch), or "audix" (for AUDIX located on this switch) or "none". Entering "none" indicates the hunt group does not serve as a message center hunt group. Only one hunt group in the system can be assigned to ap, audix, or rem-audix. This field applies to the switch where the AUDIX is located. Enter "none" for a remote AUDIX hunt group.**

- **ACD—Enter "y" if the hunt group will function as an ACD split. Do not complete this field if the ACD option was not purchased by the customer. Enter "n" if this feature is not desired although ACD was purchased as an optional feature. When the hunt group is assigned as an ACD split, the hunt group members will serve as ACD agents. The agents in this split are allowed to log in and receive ACD split calls. If AUDIX is used, enter "y" to have the ACD CMS provide AUDIX traffic measurement. If this is an AUDIX hunt group supporting the AUDIX in a DCS feature, enter "n" if this is a remote switch (AUDIX not connected to this switch).**

- **Queue—Enter "y" if the hunt group will be served by a queue; otherwise, enter "n" (no).**

  If "y" is entered for the Queue the following , seven fields can also be completed.

  - **— Queue Length**
  - **— Calls Warning Threshold**
  - **— Calls Warning Port**
  - **— Time Warning Threshold**
  - **— Time Warning Port**
  - **— First Announcement Extension**
  - **— First Announcement Delay (sec)**

- **Night Service Destination—Enter the destination where calls to the ACD split will go when in the night service mode. Allowable entries are assigned extension number, 0 (attendant), or leave blank.**

- **AUDIX Extension—Enter host switch (where the AUDIX is located) AUDIX extension number. This is the number the remote AUDIX users will dial to access the hunt group.**

- **Queue Length—Enter the maximum number of calls (1 to 100) that can be assigned to the queue.**

- **Calls Warning Threshold—Enter the number of calls (1 to 100) that can be queued before the system flashes the queue status buttons and the optional Auxiliary Warning lamp assigned to the split. This number must be less than or equal to the queue length. This field must not be left blank if the Calls Warning Port is assigned. (Refer to Port Assignment Record.)**

- **Calls Warning Port-Enter the port number assigned to the optional Auxiliary Queue Warning lamp which flashes when the number has exceeded the queue warning threshold assigned in the Calls Warning Threshold field. This port is assigned to a TN742 Analog Line circuit pack.**

- **Time Warning Threshold—Enter the time in seconds from O to 999 a call can remain in the queue before the system flashes the queue status buttons and the optional Auxiliary Queue Warning Lamp assigned to this split.**

- **Time Warning Port—Enter the port number assigned to the optional Auxiliary Queue Warning lamp which flashes when the time entered in the Time Warning Threshold field has been reached by a call. This port is assigned to a TN742 Analog Line circuit pack.**

- **First Announcement Extension—Enter a recorded announcement extension number or leave blank. This is the announcement the caller will receive after being in the queue for the specified time interval in the First Announcement Delay. If the call hasn't been answered after the announcement, the caller will hear music if Music-on-Hold is provided or silence for as long as it remains in the queue. Blank indicates there will be no announcement. This number can also be assigned on the Recorded Announcement form for AUDIX.**

- **First Announcement Delay (see)—Enter the number in seconds from O to 99 to indicate how long a call can remain in queue before an announcement is given. After a call has been in queue for the set time, it will be connected to a recorded announcement. The call retains its place in the queue while listening to the recorded announcement. If the call hasn't been answered after the announcement, the caller will hear music if Music-on-Hold is provided or silence for as long as it remains in the queue.**

The next three fields apply if ACD was purchased by the customer.

- **Measured By Mis—Enter "y" to indicate if the change of state messages for split parameters will be sent to Call Management System (CMS) for measurements. Enter "n" if this feature is not desired.**

- **Supervisor Extension—Enter the extension number of the supervisor the ACD agents can dial to request assistance.**

- **Priority On Intraflow—Enter "y" so the calls intraflowing from the split to a covering split is given priority over other calls waiting in the covering split's queue.**

The next four fields apply if the Queue and ACD fields are answered as yes.

- **Inflow Threshold—Enter the number of seconds from O to 999 a call can remain in the queue before no more calls will be accepted by the queue.**

- **Second Announcement Extension—Enter the extension number assigned to a recorded announcement.**

- **Second Announcement Delay (sec)—Enter the time in seconds from 1 to 99 before the call in the queue receives the second recorded announcement.**
- **Second Announcement Recurring—Enter "y" to repeat the second announcement; otherwise, enter "n. "**

These last two fields apply to all versions of the form:

- **Ext—Enter the extension number assigned for each member in the Hunt Group.**
- **Name—make no entry. The the name is automatically assigned to each hunt group member when the system is administered.**

```
                                                          Page 1 of 5

                                  HUNT GROUP

Group Number: _____          Group Extension: _____     Group Type: ucd

  Group Name: _____________    Coverage Path: _____          COR : 1

Security Code: ______          Message Center: none          ACD? n

      Queue? n       Night Service Destination: _____
```

Implementation Note:

This form shows the Queue and ACD fields set to no.

```
                                                   Page 1 of 5
                              HUNT GROUP

Group Number: _          Group Extension: ____    Group Type: ucd
  Group Name: ________      Coverage Path: ____         COR: 1_
Security Code: _____      Message Center: none          ACD? n
      Queue? y     Night Service Destination: _____
                            AUDIX Extension: _____

            Queue Length: 1_
   Calls Warning Threshold: _             Calls Warning Port: _____
    Time Warning Threshold: _              Time Warning Port: ______
First Announcement Extension: _____   First Announcement Delay (sec): _____
```

Implementation Note:

This form shows the Queue field set to yes and the ACD field set to no.

Page 1 of 5

HUNT GROUP

Group Number: ______ Group Extension: _______ Group Type: ucd

Group Name: ________________ Coverage Path: _______ COR: 1

Security Code: _____ Message Center: none ACD? y

Queue? n Night Service Destination: _______

Measured By MIS? y Supervisor Extension: _____

priority On Intraflow? y

First Ann. Ext. (sec): _______

Implementation Note:

This form shows the Queue field set to no and the ACD and Measured By MIS fields set to yes.

Page 1 of 5

HUNT GROUP

Group Number: __ Group Extension: _______ Group Type: ucd

Group Name: ____________ Coverage Path: __ COR: 1

Security Code: ________ Message Center: none ACD? y

Queue? y Night Service Destination: _____

Measured By MIS? y Supervisor Extension: _____

Priority On Intraflow? y Inflow Threshold(sec): __

Queue Length: 1

Calls Warning Threshold: _____ Calls Warning Port: _____

Time Warning Threshold: _____ Time Warning Port: _____

First Ann. Ext. (Sec): _____ First Announcement Delay (sec): _____

Second Announcement Extension: _____ Second Announcement Delay (sec): _____

Second Announcement Recurring: n

Implementation Note:

This form shows the Queue, ACD, and Measured By MIS fields set to yes.

Page 2 of 5

HUNT GROUP

Group Number: Group Extension: Group Type: ucd

Group Member Assignments

	Ext	Name		Ext	Name
1:	___		14:	___	
2:	___		15:	___	
3:	___		16:	___	
4:	___		17:	___	
5:	___		18:	___	
6:	___		19:	___	
7:	___		20:	___	
8:	___		21:	___	
9:	___		22:	___	
10:	___		23:	___	
11:	___		24:	___	
12:	___		25:	___	
13:	__		26:	___	

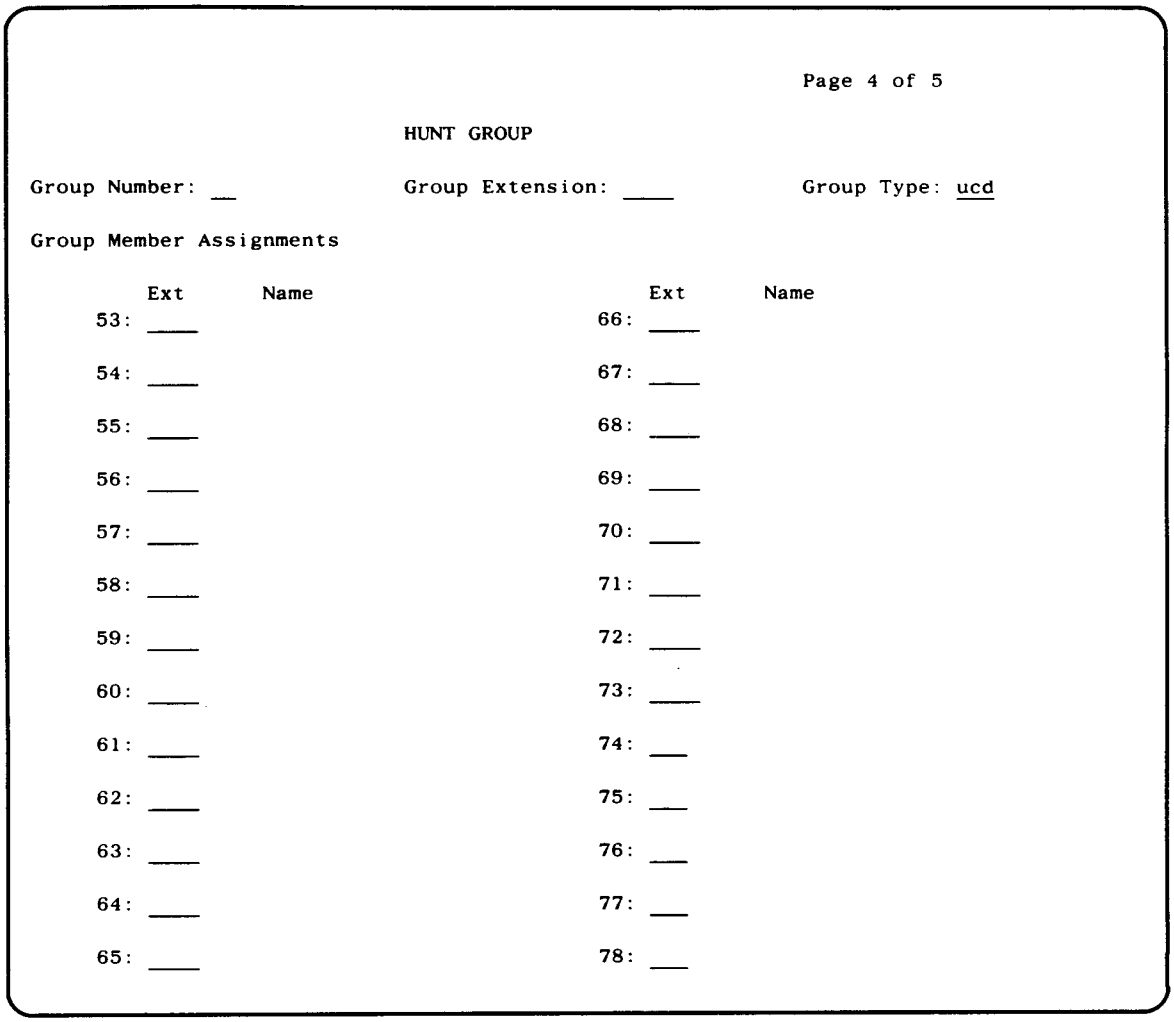
Page 3 of 5

HUNT GROUP

Group Number: __ Group Extension: ____ Group Type: ucd

Group Member Assignments

	Ext	Name		Ext	Name
27:	____		40:	____	
28:	____		41:	____	
29:	____		42:	____	
30:	____		43:	____	
31:	____		44:	____	
32:	____		45:	____	
33:	____		46:	____	
34:	____		47:	____	
35:	____		48:	___	
36:	____		49:	___	
37:	____		50:	___	
38:	____		51:	___	
39:	____		52:	___	



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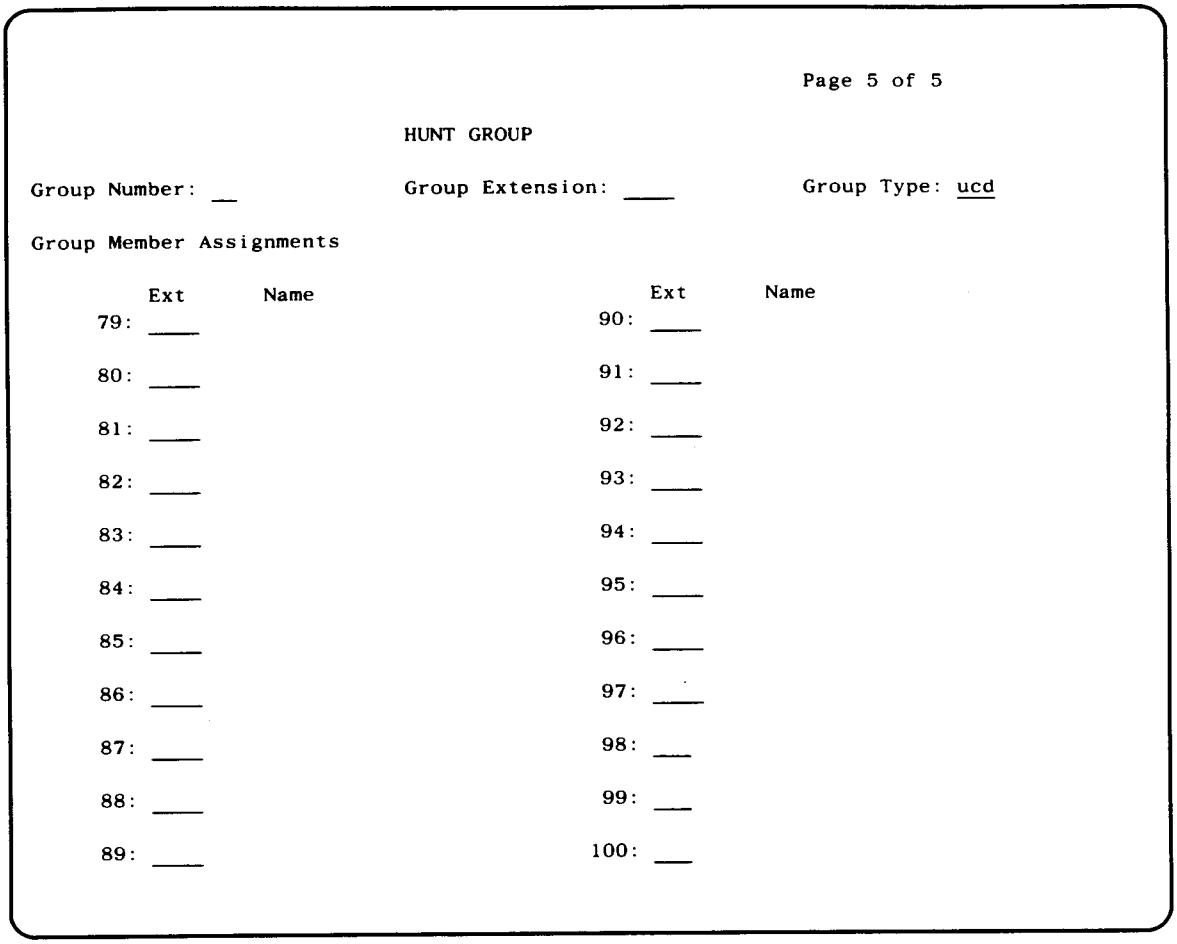
HUNT GROUP

Group Number: __ Group Extension: ____ Group Type: ucd

Group Member Assignments

	Ext	Name		Ext	Name
53:	____		66:	____	
54:	____		67:	____	
55:	____		68:	____	
56:	____		69:	____	
57:	____		70:	____	
58:	____		71:	____	
59:	____		72:	____	
60:	____		73:	____	
61:	____		74:	___	
62:	____		75:	___	
63:	____		76:	___	
64:	____		77:	___	
65:	____		78:	___	



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HUNT GROUP

Group Number: __ Group Extension: ____ Group Type: ucd

Group Member Assignments

	Ext	Name		Ext	Name
79:	____		90:	____	
80:	____		91:	____	
81:	____		92:	____	
82:	____		93:	____	
83:	____		94:	____	
84:	____		95:	____	
85:	____		96:	____	
86:	____		97:	____	
87:	____		98:	___	
88:	____		99:	___	
89:	____		100:	___	

Intercom Groups

Purpose

Whether Automatic or Dial Intercom is available to the voice terminal user depends on button assignments. Therefore, members of the group may have Dial Intercom, Automatic Intercom, both, or neither with respect to placing an Intercom call. Single-line voice terminals, if a member of the group, can receive an Intercom call, but cannot place an Intercom call.

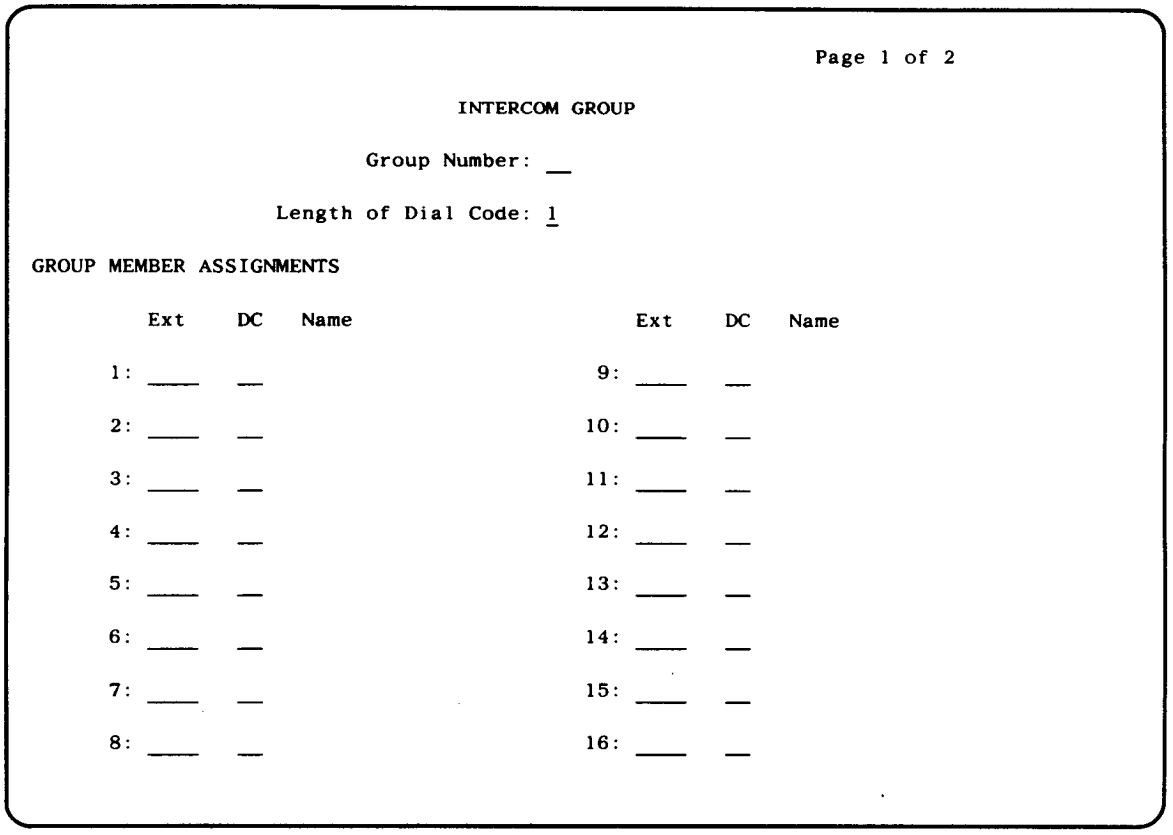
This form is used to specify the group members, not the type of Intercom.

Up to 32 Dial Intercom groups can be assigned. A group can have up to 32 members. The total number of Intercom group members allowed in the system is 128.

Instructions

Make assignments as required for the following fields:

- **Group Number—Enter a number from 1 through 32 to identify the group.**
- **Length of Dial Code—Enter 1 or 2. This is the number of digits that must be dialed to access someone in the group. Enter 1 if group members are less than ten or 2 if group members are ten or more.**
- **Ext—Enter the extension number of each member of the group.**
- **DC—Enter a 1- or 2-digit code. The number of digits entered depends on the number assigned in the "Length of Dial Code" field. The digit 0 (zero) may not be used and this field cannot be left blank. This is the code that must be dialed to access that group member.**
- **Name—Make no entry. The name is automatically assigned when the system is administered.**



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INTERCOM GROUP

Group Number: __

Length of Dial Code: 1

GROUP MEMBER ASSIGNMENTS

	Ext	DC	Name		Ext	DC	Name
1:	____	__		9:	____	__	
2:	____	__		10:	____	__	
3:	____	__		11:	____	__	
4:	____	__		12:	____	__	
5:	____	__		13:	____	__	
6:	____	__		14:	____	__	
7:	____	__		15:	____	__	
8:	____	__		16:	____	__	

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INTERCOM GROUP

Group Number: __

Length of Dial Code: 1

GROUP MEMBER ASSIGNMENTS

	Ext	DC	Name		Ext	DC	Name
17:	____	__		25:	____	__	
18:	____	__		26:	____	__	
19:	____	__		27:	____	__	
20:	____	__		28:	____	__	
21:	____	__		29:	____	__	
22:	____	__		30:	____	__	
23:	____	__		31:	____	__	
24:	____	__		32:	____	__	

Interface Data Module

Purpose

Interface data modules are the Processor Data Modules (PDMs) that are integrated into the System 75 synchronous/asynchronous interface ports. They are used for communicating with the Applications Processor (AP), AUDIX, Call Management System (CMS), or Distributed Communications System (DCS).

The Interface data module for the System 75 XE provides an additional EIA port that can be used for AUDIX, CMS, or DCS.

The Interface is not a physical data modules. They are software assignments in system translations used to set up the interface links for the features listed in the paragraph above. These forms are used to terminate an Interface Link onto the Time Division Multiplex (TDM) bus.

Instructions

Make assignments as required for the following fields:

- **Data Extension—Enter the extension number assigned to the data module. A data extension can be a 1- to 5-digit number and must agree with the Dial Plan Record. A different extension number must be assigned for each and interface. This number will automatically be assigned to the Interface Extension field.**
- **Type—Enter "interface" in this field.**
- **Physical Channel—Enter an interface channel circuit number from 01 through 04. This is the number that will be assigned to the interface link. This number is also used on the processor channel assignment and interface links forms.**
- **Name—Enter the name of the user associated with the interface, such as audix, DCS, AP. The name is optional.**
- **COS—Enter the desired class of service (COS) number from O to 15.**
- **COR—Enter the desired class of restriction (COR) number from O to 63 that will allow or deny access.**
- **List1—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required. Make no entry if used for AP.**
- **Abbreviated Dialing Dial Code (from above list)—Enter a number from O to 999. This is the number that will be dialed in the abbreviated dialing list entered in the previous step. Make no entry if used for AP.**
- **Ext—Make no entry. The extension number is automatically assigned if a data-extension button is administered. This is the extension number of the users who will share the module.**

- **Name—Make no entry. The name is automatically assigned when a data extension button is administered. This is the name assigned to this extension number.**

```
                                                          Page 1 of 1
                              DATA MODULE

    Data Extension:                 Type: interface__  Physical Channel: ___

              Name: _____________    COS: 1_                COR: 1_

ABBREVIATED DIALING

  List1: __________

HOT LINE DESTINATION
         Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

         Ext     Name                                  Ext     Name

      1:                                            3:

      2:                                            4:
```

Interface Links

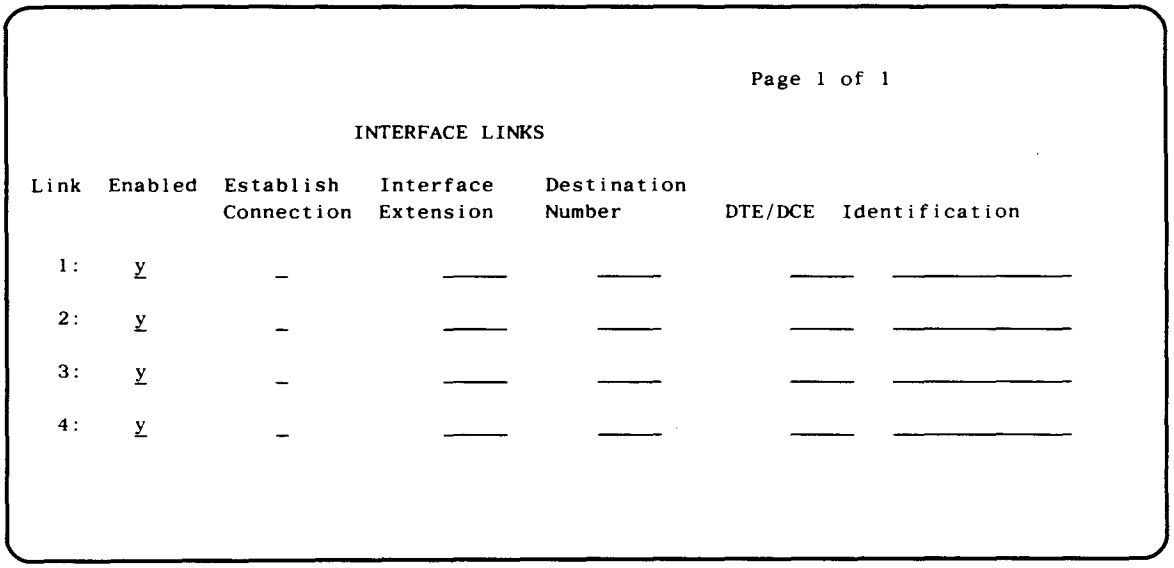
Purpose

This form is used to identify, describe, and enable Interface Links.

A brief description of each field is given below.

- **Link—Indicates the physical layer interface link number from 1 to 4 [Interface or protocol physical channel number from 01 to 04]. This field is display only.**
- **Enabled—Enter "y" to enable the link. (This link can only be enabled if the corresponding interface data module has been administered.)**
- **Establish Connection—Enter "y" if the system is to be responsible for establishing the connection for the link. Enter "n" if this link is used for remote access or to disable the link.**
- **Interface Extension—Is the data extension number assigned on the interface data module form. This field is a display only field. The system automatically assigns the extension number to this field after the interface data module has been assigned in system translations.**
- **Destination Number—Enter the extension number of the Trunk Data Module/Processor Data Module used to connect the Distributed Communications System (DCS) link to another switch, or the extension number of the Modular Processor Data Modular (MPDM) assigned to the Applications Processor (AP) (V3), MIS, DCS, or AUDIX. For the System 75 XE, enter "eia" for link one only. This is used to specify the PI B connection on the back of the control carrier is being used. The extension number is taken from the Data Module form.**

  If the link is through a DS1 interface and the local System 75 is establishing the connection, the trunk access code (TAC) of the DS1 tie trunk group is used. This field must be left blank if the local System 75 is not involved in establishing any part of the connection.
- **DTE/DCE—Enter "DTE" (Data Terminal Equipment) or "DCE" (Data Communication Equipment) to define the type of interface. If one endpoint of a link is DTE, then the other must be DCE, and vice versa. Endpoint Switch Links are generally DTE and Tandems are generally DCE. If both endpoints are of the same type, then DTE/DCE assignment is arbitrary. "DTE" should be used for the AP (V3) and AUDIX.**
- **Identification—Enter a 15-character name for the link. This field may be left blank.**



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INTERFACE LINKS

Link	Enabled	Establish Connection	Interface Extension	Destination Number	DTE/DCE	Identification
1:	y	_				
2:	y	_				
3:	y	_				
4:	y	_				

Inter-Exchange Carrier (IXC) Codes

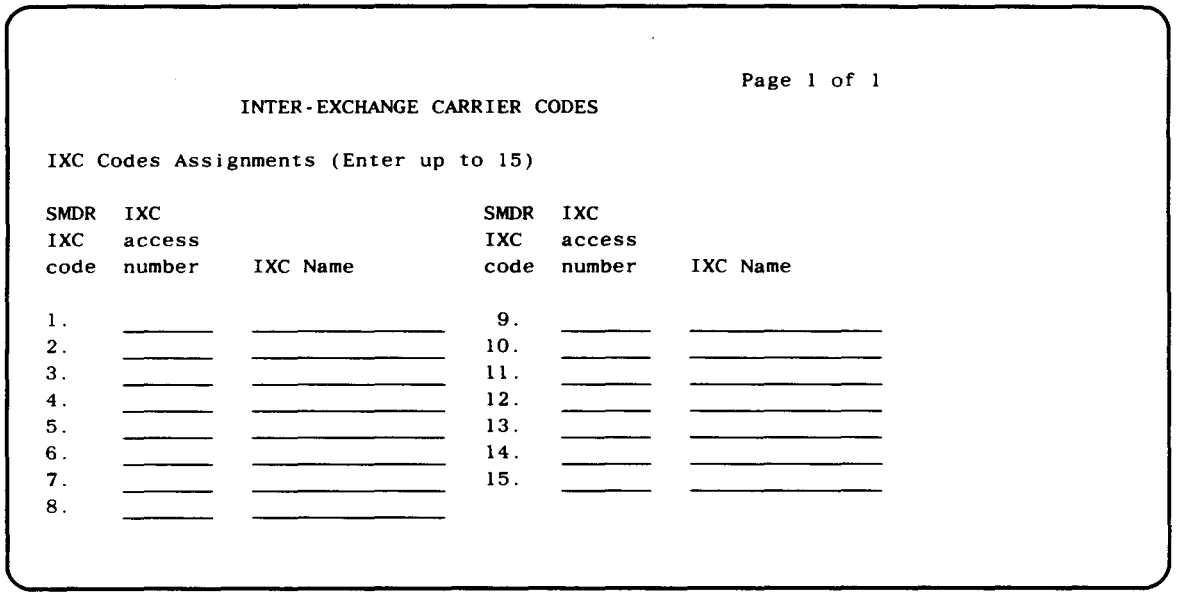
Purpose

The purpose of having Inter-Exchange Carrier (IXC) codes is to allow identification of the IXC in the Station Message Detail Recording (SMDR) record.

Instructions

Make assignments as required for the following fields:

- **IXC Access Number—Enter the digits dialed or inserted by AAR/ARS into the outpulsed digit string to gain access to the inter-exchange carrier. No duplicate access numbers are allowed in the table**
- **IXC Name—Enter O through 15 characters to identify the IXC. This description is for information purposes only.**



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INTER-EXCHANGE CARRIER CODES

IXC Codes Assignments (Enter up to 15)

SMDR IXC code	IXC access number	IXC Name	SMDR IXC code	IXC access number	IXC Name
1.	_____	_____	9.	_____	_____
2.	_____	_____	10.	_____	_____
3.	_____	_____	11.	_____	_____
4.	_____	_____	12.	_____	_____
5.	_____	_____	13.	_____	_____
6.	_____	_____	14.	_____	_____
7.	_____	_____	15.	_____	_____
8.	_____	_____			

Listed Directory Numbers

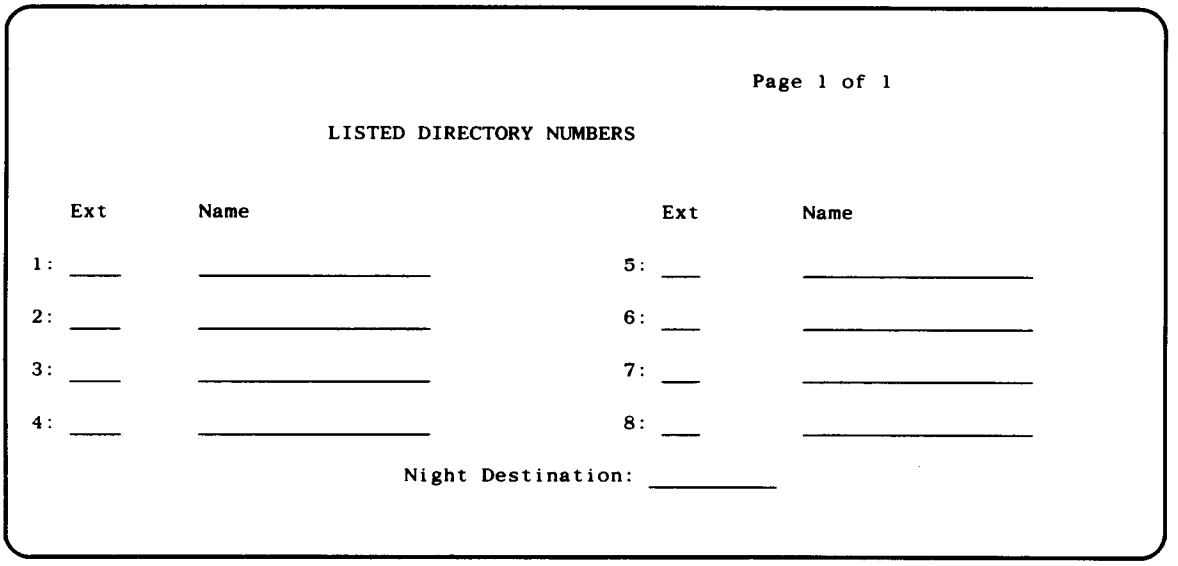
Purpose

This form is used to assign up to eight public listed directory numbers. When one of these numbers is a Direct inward Dialing number, the calling party is routed to the attendant. The attendant display indicates a Listed Directory Number call and the name associated with the dialed extension.

Instructions

Make assignments as required for the following fields:

- **Ext—Enter an unassigned valid system extension number.**
- **Name—Enter a name used to identify the Listed Directory Number. Up to 15 characters may be used.**
- **Night Destination—Enter the extension number that will receive calls to these listed numbers when the system is in the Night Service mode. If desired, a Recorded Announcement extension number can be entered in this field.**



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LISTED DIRECTORY NUMBERS

	Ext	Name		Ext	Name
1:	____	_____	5:	___	_____
2:	____	_____	6:	___	_____
3:	____	_____	7:	___	_____
4:	____	_____	8:	___	_____

Night Destination: _____

Loudspeaker Paging and Code Calling Access

Purpose

This form is used to implement Loudspeaker Paging and Code Calling Access. The form contains the fields required to assign zone information, such as trunk access codes, for both Loudspeaker Paging and Code Calling Access.

The Code Calling Identification Form is used to assign extension numbers to the code calling identification list. Up to 125 different Code Calling identifications (chime signals) can be assigned to assigned or unassigned extension numbers.

Instructions

Make assignments as required for the following fields:

- **SMDR—Enter "y" to indicate if you want SMDR data collection on the paging ports and code calling access; otherwise, enter "n."**
- **Voice Paging Timeout (see)—Enter a value from 10 to 600 (seconds). This is the length of time the user is connected to the paging equipment. After the time has elapsed, the call is disconnected. Analyze the typical messages you expect to broadcast; time them; then add another 4 to 5 seconds.**
- **Code Calling Playing Cycles—Enter a number from 1 to 3 to indicate the number of times the code calling identification will play. Analyze who your code calling users are and whether they are likely to hear the code chime the first time.**
- **Port-Enter one letter and a 4-digit number. Each paging zone requires a port on the TN763 Auxiliary Line circuit pack. (Refer to Port Assignment Record.)**

  If a port is not assigned to a zone, then the SMDR, Voice Paging Time-out, and Code Calling Playing Cycles will be set to the system default values when the system is administered.

The next two items refer to the field labeled Voice Paging.

- **TAC—Enter a 1-, 2-, or 3-digit TAC that corresponds with the Dial Plan Record. One TAC must be assigned for each zone. This is the code you will dial to access the zone (the physical location of the loudspeakers). TAC for the field labeled ALL activates all speakers in the nine zones when that access code is dialed. These codes can be assigned to the attendant consoles. A different TAC must be assigned for each paging zone.**
- **COR—Enter the desired number from O to 63. Each TAC must be assigned a class of restriction (COR) that reflects the desired restriction for Loudspeaker Paging.**

The next three items refer to the field labeled Code Calling.

- **TAC—Enter a 1-, 2-, or 3-digit Trunk Access Code that corresponds with the Dial Plan Record. These codes can be assigned to the Direct Trunk Group Selection (DTGS) buttons for direct access to the zone on the attendant consoles. A different**

TAC must be assigned for each code calling access.

- COR—Enter the desired number from O to 63. Each TAC must be assigned a class of restriction (COR) that reflects the desired restriction for Loudspeaker Paging.
- Location—Enter the location where the loudspeakers are installed, for example, conference room A, warehouse, storeroom.

```
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                              LOUDSPEAKER PAGING

                                    SMDR? y

                  Voice Paging Timeout (sec): ___

                  Code Calling Playing Cycles: _

PAGING PORT ASSIGNMENTS

                        Voice Paging      Code Calling
     Zone  Port         TAC      COR      TAC      COR      Location

       1:  _____        ___      __       ___      __       PAGING _____
       2:  _____        ___      __       ___      __       PAGING _____
       3:  _____        ___      __       ___      __       PAGING _____
       4:  _____        ___      __       ___      __       PAGING _____
       5:  _____        ___      __       ___      __       PAGING _____
       6:  _____        ___      __       ___      __       PAGING _____
       7:  _____        ___      __       ___      __       PAGING _____
       8:  _____        ___      __       ___      __       PAGING _____
       9:  _____        ___      __       ___      __       PAGING _____
     ALL:               ___      __       ___      __
```

Instructions

Make assignments as required for the following field:

- **Ext—Enter an assigned extension number. The extension number assigned to a code will receive a chime signal associated with that code. Leave this field blank if you do not want to assign a code.**

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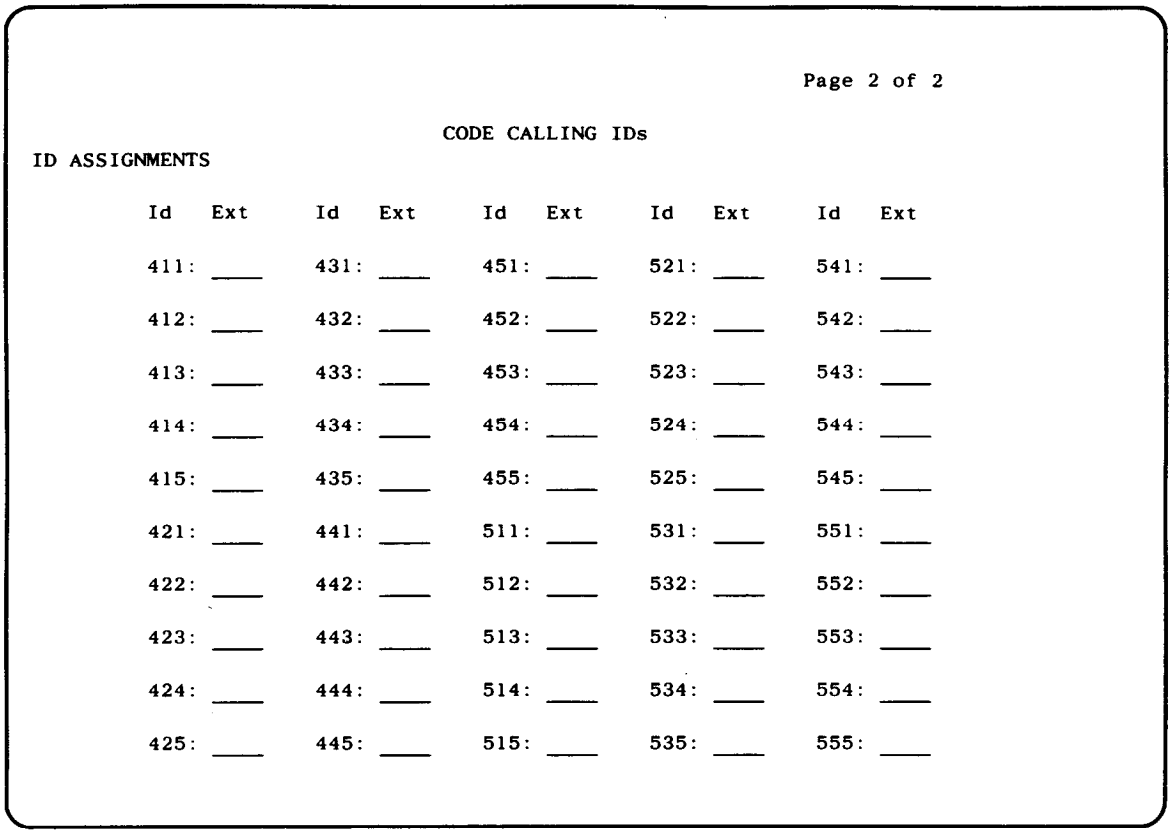
CODE CALLING IDs

ID ASSIGNMENTS

Id	Ext	Id	Ext	Id	Ext	Id	Ext	Id	Ext
111:	____	141:	____	221:	____	251:	____	331:	____
112:	____	142:	____	222:	____	252:	____	332:	____
113:	____	143:	____	223:	____	253:	____	333:	____
114:	____	144:	____	224:	____	254:	____	334:	____
115:	____	145:	____	225:	____	255:	____	335:	____
121:	____	151:	____	231:	____	311:	____	341:	____
122:	____	152:	____	232:	____	312:	____	342:	____
123:	____	153:	____	233:	____	313:	____	343:	____
124:	____	154:	____	234:	____	314:	____	344:	____
125:	____	155:	____	235:	____	315:	____	345:	____
131:	____	211:	____	241:	____	321:	____	351:	____
132:	____	212:	____	242:	____	322:	____	352:	____
133:	____	213:	____	243:	____	323:	____	353:	____
134:	____	214:	____	244:	____	324:	____	354:	____
135:	____	215:	____	245:	____	325:	____	355:	____



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CODE CALLING IDs

ID ASSIGNMENTS

Id	Ext	Id	Ext	Id	Ext	Id	Ext	Id	Ext
411:	____	431:	____	451:	____	521:	____	541:	____
412:	____	432:	____	452:	____	522:	____	542:	____
413:	____	433:	____	453:	____	523:	____	543:	____
414:	____	434:	____	454:	____	524:	____	544:	____
415:	____	435:	____	455:	____	525:	____	545:	____
421:	____	441:	____	511:	____	531:	____	551:	____
422:	____	442:	____	512:	____	532:	____	552:	____
423:	____	443:	____	513:	____	533:	____	553:	____
424:	____	444:	____	514:	____	534:	____	554:	____
425:	____	445:	____	515:	____	535:	____	555:	____

Modem Pool Group

Purpose

There are two types of conversion resources for Modem Pooling. The first type, an integrated conversion resource, is a circuit board that emulates a Trunk Data Module connected to a 212A-type modem. Two conversion resources are on each board.

The second type, a combined conversion resource, is a separate Trunk Data Module/2 and modem administered as a unit. The Trunk Data Module/2 component of the conversion resource connects to a digital port using DCP; the modem connects to an analog port.

Instructions:

Make assignments as required for the following fields:

- **Group Number—Is a number from 1 through 5 identifying the group being administered.**
- **Group Type—Enter "integrated" or "combined."**
- **Receiver Responds to Remote Loop—Enter "y" to allow far end modem to put conversion resource into loop back mode. (This field is enabled only when Group Type equals "integrated.")**
- **Loss of Carrier Disconnect—Enter "y" to permit conversion resource to disconnect if it detects a dropped carrier. (This field is enabled only when Group Type equals "integrated.")**
- **Send Space Disconnect—Enter "y" to allow the conversion resource to send 4 seconds of space before disconnecting. (This field is enabled only when Group Type equals "integrated.")**
- **Receive Space Disconnect—Enter "y" to allow the conversion resource to disconnect after receiving 1.6 seconds of space. (This field is enabled only when Group Type equals "integrated.")**
- **CF-CB Common—Enter "y" to indicate that the CF and CB leads on the conversion resource are logically connected. (This field is enabled only when Group Type equals "integrated.")**
- **Modem Name—Enter a 1 to 6 alphanumeric character string to indicate the name of the modem pool. (This field is enabled only when Group Type equals "combined.")**
- **Hold Time—Enter the number of minutes (1 to 99) that a conversion resource in the group may be held while a call waits in a queue, or reserved after Data Call Preindication.**

The following fields (Speed, Duplex, and Synchronization) cannot be filled out for the "integrated" pooled modem forms but can be assigned on the "combined" pooled modem form. The integrated conversion resource will automatically adjust its speed and synchronization to the endpoint it is connected to. In synchronous mode, the integrated

modem pool can operate at 300 or 1200 baud. In asynchronous mode, it can operate at 300/1200/2400 baud. Full duplex operation is always used.

- **Speed—Enter the communication speed in bits per second (LOW—0 to 300 blind sampled, 300, 1200, 4800, 9600, or 19200) of the conversion resources in the group. Enter one to three speeds separated by slashes (for example, 300/1200/4800) to indicate a maximum of three running speeds.**

- **Duplex—Enter "full" or "half" to indicate the duplex mode of the conversion resources in the group.**

- **Synchronization—Enter "sync" or "async" to indicate the synchronization mode of the conversion resources in the group.**

  CIRCUIT PACK ASSIGNMENTS are optional on "integrated" conversion resource forms only.

- **Circuit Pack Location—Enter the carrier and slot number associated with the board location of the conversion resource on the integrated modem pool board. Valid entries consist of three alphanumeric characters where the first character (A-E or a-e) represents the carrier and the second and third characters (01-20) represent a 2-digit slot number. A maximum of 16 board assignments are available.**

  PORT PAIR ASSIGNMENTS are optional on "combined" pooled modem forms only.

- **Analog Digital—Enter the port numbers of the modem—TDM/2 pair in a conversion resource consisting of carrier (A-E or a-e), slot (01-20), and circuit (01-16).**

(Integrated Pooled Modem Form)

```
                                                          Page 1 of 1


                        MODEM POOL GROUP

                           Group Number: 1                Group Type: integrated

Receiver Responds to Remote Loop? n     Loss of Carrier Disconnect? y

Send Space Disconnect? y                Receive Space Disconnect? y

CF-CB Common? y                         Hold Time: 5

Speed: LOW/300/1200   Duplex: full      Synchronization: a/sync

CIRCUIT PACK ASSIGNMENTS

                          Circuit Pack    Circuit Pack
                          Location        Location

                          1: ___          9: ___

                          2: ___          10: ___

                          3: ___          11: ___

                          4: ___          12: ___

                          5: ___          13: ___

                          6: ___          14: ___

                          7: ___          15: ___

                          8: ___          16: ___
```

(Combined Pooled Modem Form)

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MODEM POOL GROUP

Group Number: _ Group Type: combined

Modem Name: _____ Hold Time: 5

Speed: LOW/300/1200 Duplex: full Synchronization: a/sync

PORT PAIR ASSIGNMENTS

	Analog	Digital		Analog	Digital		Analog	Digital		Analog	Digital
1:			9:			17:			25:		
2:			10:			18:			26:		
3:			11:			19:			27:		
4:			12:			20:			28:		
5:			13:			21:			29:		
6:			14:			22:			30:		
7:			15:			23:			31:		
8:			16:			24:			32:		

Modular Processor Data Modules/Modular Trunk Data Modules

Purpose

These forms are used to assign Modular Processor Data Modules (MPDMs) and Modular Trunk Data Modules (MTDMs).

The MPDM connects to either an Applications Processor (AP), Station Message Detail Recording (SMDR) output device, an on-premises administration terminal, data terminal, AUDIX, or a local host computer. One form must be filled out for each MPDM installed.

The MTDM connects to either a data set or a data service unit associated with a private data line, AUDIX, or the digital data system. One form must be completed for each MTDM installed.

System 75 uses two forms for data module administration: one form for MPDMs (700A and 700D) and another form for MTDMs (700B, 700C, and 700 E).

The maximum number of digital data endpoints (for example, 510DS, 515s, data modules, or pooled modem ports) is 400.

Modular Processor Data Module/Modular Trunk Data Module Forms

Instructions

These instructions can be used to assign an MPDM and an MTDM. The differences in the fields on the forms are explained in the instructions.

Make assignments as required for the following fields:

- **Data Extension—Contains the extension number assigned to the MPDM or MTDM. A data extension can be a 1- to 5-digit number. Make no entry in this field, it is for display only. The digits assigned must agree with the Dial Plan Record. If this module is used to connect an AP or AUDIX, for example, the extension number is also used as the Interface Links form. Enter “palm” for AP.**
- **Type—Enter pdm (for a Modular Processor Data Module) or tdm (for a Modular Trunk Data Module).**
- **Port-Enter a one letter and 4-digit number.**
- **Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.**
- **COS—Enter the desired class of service (COS) number from 0 to 15.**
- **COR—Enter the desired class of restriction (COR) number from 0 to 63.**
- **Connected to—Enter Data Terminal Equipment (dte) or Information Systems Network (isn). This field shows what the MPDM is connected to. This field does not appear if tdm is entered in the Type field. Enter “dte” if this module is connected to an AP or**

AUDIX.

- **Remote Loop-Around Test—Enter "y" if the module supports a loop-back at the EIA interface; otherwise, enter "n."**
- **List1—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required. This allows the module to have up to three abbreviated dialing lists. Do not fill out if used for AP.**
- **Abbreviated Dialing Dial Code (from above list)—Enter a number from O to 999. This is the number that will be dialed in the abbreviated dialing list entered in the previous step. Do not fill out if used for AP.**
- **Ext—make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.**
- **Name—make no entry. The name is automatically assigned when the system is administered. This is the name assigned to this extension number.**

```
                                                        Page 1 of 1

                              DATA MODULE

   Data Extension: ____          Type: pdm_________          Port : __

             Name: _______________   COS: 1_                  COR: 1_

 Connected to: ___                       Remote Loop-Around Test: __

ABBREVIATED DIALING

 List1: ____________

HOT LINE DESTINATION
    Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

        Ext      Name                        Ext      Name
     1:                                   3:

     2:                                   4:
```

Implementation Note:

Enter pdm or tdm in the Type field. If tdm is entered, the Connected to field is not displayed.

Netcon Data Module

Purpose

Netcon data modules are the Processor Data Modules (PDMs) that are integrated into the System 75 network control ports that provide circuit switched interfaces to the maintenance and administration terminals and Station Message Detail Recording (SMDR) line or journal printer. They are characterized by their special locations, that is, special port identifications.

Instructions

Make assignments as required for the following fields:

- **Data Extension—Contains the extension number assigned to the netcon or interface type module. A data extension can be a 1- to 5-digit number and must agree with the Dial Plan Record. A different extension number must be assigned for each netcon channel and interface. Make no entry in this field, it is for display only.**
- **Type—Make no entry in this field, "netcon" has been preprinted.**
- **Physical Channel—Enter a netcon channel circuit number from 01 to 04.**
- **Name—Enter the name of the user associated with the netcon channel. The name is optional.**
- **COS—Enter the desired class of service (COS) number from 0 to 15.**
- **COR—Enter the desired class of restriction (COR) number from 0 to 63 that will allow or deny access.**
- **List1—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required. This allows the module to have up to three abbreviated dialing lists. This field can be left blank.**
- **Abbreviated Dialing Dial Code (from above list)—Enter a number from 0 to 999. This is the number that will be dialed in the abbreviated dialing list entered in the previous step. This field is left blank.**
- **Ext—Make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.**
- **Name—Make no entry. The name is automatically assigned when the system is administered. This is the name assigned to this extension number.**

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                                                  Page 1 of 1

                              DATA MODULE

    Data Extension:                    Type: netcon____  Physical Channel : __

              Name: _______________    COS: 1_                    COR: 1_

ABBREVIATED DIALING

  List1: ____________

HOT LINE DESTINATION
         Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

         Ext     Name                         Ext     Name

     1:                                   3:

     2:                                   4:
```

Permanent Switched Calls

Purpose

This form is used to implement the Permanent Switched Calls (PSC) list. The form allows for a maximum of 18 entries. A destination can have up to 36 digits.

Instructions

Each entry has three parts: "Originator," "Destination," and "Enable." Make assignments as required for the following fields.

- **Originator—Enter the extension or Trunk Access Code of the originating party in the PSC call.**

  Considerations:

  - **— The entered extension must be consistent with the dial plan and assigned to a System 75 data module other than an interface-3 data module.**
  - **— An originating data module cannot have more than one destination assigned to it.**
  - **— If an originator is assigned, a destination and an enable status must be specified for it.**

- **Destination—Enter the extension of the destination. The destination must be assigned to a System 75 data module or an assigned trunk access code plus a network telephone number.**

  Considerations:

  - **— This field allows for a maximum of 36 digits to be entered as a destination.**
  - **— The extension must be assigned to a data module other than an interface-3 or an assigned trunk access code.**
  - **— The destination may include the special characters:**
    - **— ~p (pause)**
    - **— ~w (wait)**
    - **— ~m (mark)**
    - **— ~s (suppress)**

- **Enabled—Enter "y" to enable the PSC call.**

  Considerations:

  — To remove a data module involved in an enabled PSC, the PSC entry must be disabled or removed.

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PERMANENT SWITCHED CALLS

Originator	Destination	Enabled
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_
____	_____	_

Pickup Groups

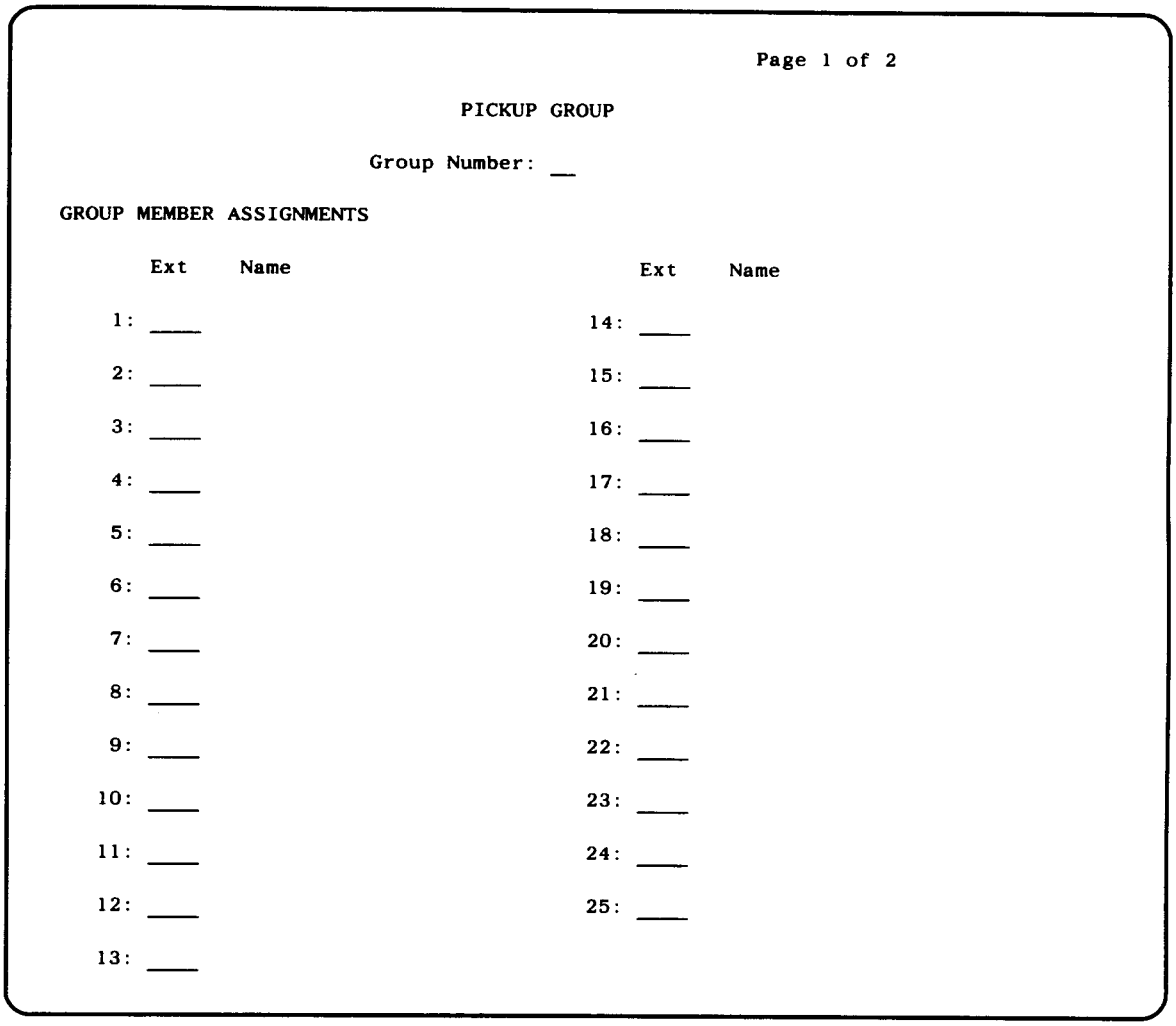
Purpose

This form is used to implement up to 400 pickup groups with up to 50 extensions per group. A pickup group is a group of users authorized to answer calls to a voice terminal extension within that group of users. A voice terminal extension number can only belong to one pickup group. Up to 800 members are allowed in the system.

Instructions

Make assignments as required for the following fields:

- **Group Number—Enter a number from 1 to 400 to identify the group. For the Hospitality Parameter Reduction feature, enter a hunt group number from 1 to 5.**
- **Ext—Enter the extension number of each user in the group.**
- **Name—Make no entry. The name is automatically assigned when the system is administered.**



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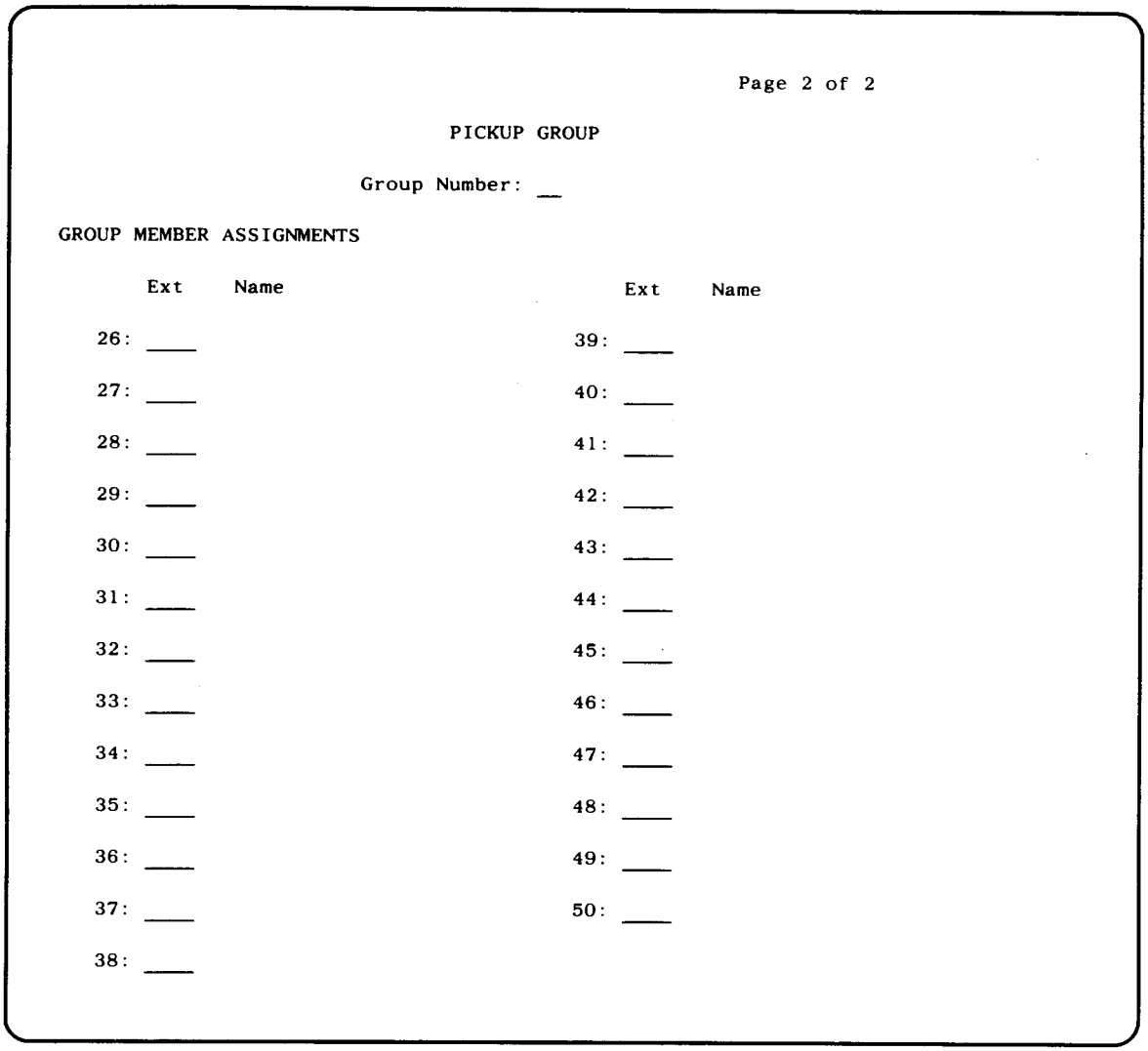
PICKUP GROUP

Group Number: __

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext	Name
1:	____		14:	____	
2:	____		15:	____	
3:	____		16:	____	
4:	____		17:	____	
5:	____		18:	____	
6:	____		19:	____	
7:	____		20:	____	
8:	____		21:	____	
9:	____		22:	____	
10:	____		23:	____	
11:	____		24:	____	
12:	____		25:	____	
13:	____				



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PICKUP GROUP

Group Number: __

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext	Name
26:	____		39:	____	
27:	____		40:	____	
28:	____		41:	____	
29:	____		42:	____	
30:	____		43:	____	
31:	____		44:	____	
32:	____		45:	____	
33:	____		46:	____	
34:	____		47:	____	
35:	____		48:	____	
36:	____		49:	____	
37:	____		50:	____	
38:	____				

Processor Channel Assignment

Purpose

This form is used to assign up to 64 Processor Channels.

Instructions

Make assignments as required for the following fields:

- **Proc Chan—indicates one of the 64 processor channels in the session layer. This field is display only. It is recommended that channels 1, 2, 3, 4, 7, and 8 be reserved for the AP: channel 10 for MIS; and channel 59 for AUDIX.**
- **Interface Link—Enter a number between 1 and 4 to identify the interface link used to establish a connection to the remote machine. (This field is associated with the "Interface Chan" field and must be assigned as a pair or both left blank.) This is the interface link number assigned on the interface data module form (V3) or the processor interface data module for System 75 XE.**
- **Interface Chan—Enter a number between 1 and 64 from the Interface Link to identify the interface link/channel pair that establishes a network channel to one of the remote machine. (This field is associated with the "Interface Link" field and must be assigned as a pair or both left blank.)**

  Note: The Link/Channel Pair must NOT be used as a Distributed Communications System (DCS) hop channel. (See Hop Channel Assignments form.)

- **Priority—Enter "h" for high or "1" for low to indicate if this processor channel is high or low priority. Assignments should be made based on the operational speed of the links and the number of hops in the network channel. Enter the priority from the "Priority" column listed in the table at the bottom of the page.**
- **Remote Proc Chan—Enter the processor channel number (1 to 64) of the remote switch that connects to the local processor channel.**

- **Appl.— Enter the type of application from the "Entry" column that connects to this processor channel as follows:**

Entry	Application	Processor Channel	Priority
apmcs	AP Message Center Service	1	high (h)
aphlwc	AP High Priority Leave Word Calling	2	high (h)
apllwc	AP Low Priority Leave Word Calling	3	low (l)
apamwl	AP Automatic Message Waiting Lamp	4	low (l)
apsmdr	AP Station Message Detail Recording	7	low (l)
apclk	Switch/AP Clock Synchronization	8	high (h)
dcs	DCS	-	high (h)
mis	MIS (Call Management System)	10	low (l)
misap	MISAP	-	low (l)
audix	AUDIX	59	high (h)

- **MACHINE-ID—Enter the ID from 1 to 99 number associated with the port if the application is "dcs" or "audix". MACHINE-IDS are administered as part of the Uniform Dial Plan (UDP). Valid entries are 1 to 99. This is the ID Code that identifies where the link will switch at the other end. The link number entered will communicate with the Remote Processor Channel given in the MACHINE-ID Code. Enter "1" for AUDIX. This is assigned to Processor Channel 59.**

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PROCESSOR CHANNEL ASSIGNMENT

Proc Chan	Interface Link	Interface Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
01:	_	__	_	__	_____	__
02:	_	__	_	__	_____	__
03:	_	__	_	__	_____	__
04:	_	__	_	__	_____	__
05:	_	__	_	__	_____	__
06:	_	__	_	__	_____	__
07:	_	__	_	__	_____	__
08:	_	__	_	__	_____	__
09:	_	__	_	__	_____	__
10:	_	__	_	__	_____	__
11:	_	__	_	__	_____	__
12:	_	__	_	__	_____	__
13:	_	__	_	__	_____	__
14:	_	__	_	__	_____	__
15:	_	__	_	__	_____	__
16:	_	__	_	__	_____	__

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PROCESSOR CHANNEL ASSIGNMENT

Proc Chan	Interface Link	Interface Chan	Priority	Remote Proc Chan	Appl.	MACHINE-ID
17:	_	__	_	__	_____	__
18:	_	__	_	__	_____	__
19:	_	__	_	__	_____	__
20:	_	__	_	__	_____	__
21:	_	__	_	__	_____	__
22:	_	__	_	__	_____	__
23:	_	__	_	__	_____	__
24:	_	__	_	__	_____	__
25:	_	__	_	__	_____	__
26:	_	__	_	__	_____	__
27:	_	__	_	__	_____	__
28:	_	__	_	__	_____	__
29:	_	__	_	__	_____	__
30:	_	__	_	__	_____	__
31:	_	__	_	__	_____	__
32:	_	__	_	__	_____	__

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PROCESSOR CHANNEL ASSIGNMENT

Proc Chan	Interface Link	Interface Chan	Priority	Remote Proc Chan	Appl.	MACHINE-ID
33:	_	__	_	__	_____	__
34:	_	__	_	__	_____	__
35:	_	__	_	__	_____	__
36:	_	__	_	__	_____	__
37:	_	__	_	__	_____	__
38:	_	__	_	__	_____	__
39:	_	__	_	__	_____	__
40:	_	__	_	__	_____	__
41:	_	__	_	__	_____	__
42:	_	__	_	__	_____	__
43:	_	__	_	__	_____	__
44:	_	__	_	__	_____	__
45:	_	__	_	__	_____	__
46:	_	__	_	__	_____	__
47:	_	__	_	__	_____	__
48:	_	__	_	__	_____	__

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PROCESSOR CHANNEL ASSIGNMENT

Proc Chan	Interface Link	Interface Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
49:	_	__	_	__	_____	__
50:	_	__	_	__	_____	__
51:	_	__	_	__	_____	__
52:	_	__	_	__	_____	__
53:	_	__	_	__	_____	__
54:	_	__	_	__	_____	__
55:	_	__	_	__	_____	__
56:	_	__	_	__	_____	__
57:	_	__	_	__	_____	__
58:	_	__	_	__	_____	__
59:	_	__	_	__	_____	__
60:	_	__	_	__	_____	__
61:	_	__	_	__	_____	__
62:	_	__	_	__	_____	__
63:	_	__	_	__	_____	__
64:	_	__	_	__	_____	__

Recorded Announcements

Purpose

This form is used to assign up to 64 analog or integrated announcements, or any desired combination of both. Integrated announcements are assigned and recorded on the TN750 Announcement circuit pack. The analog announcements are assigned on the TN742, TN746, or TN769 Analog Line circuit pack which is connected to external recording or playback equipment.

Each announcement is accessed by dialing an extension number which is assigned to each announcement.

Instructions

Make assignments as required for the following fields:

- **Ext—Enter a 1- to 5-digit unassigned extension number that agrees with the dial plan. Up to 64 extension numbers may be assigned on the form, one extension number for each announcement. This number is also entered on the First Ann. Ext. field on the Hunt Group form for AUDIX. This number can also be assigned to the Controlled Termination Restriction (Do Not Disturb) fields on the Feature Related System Parameters form and the Controlled Station-to-Station Restriction.**

- **Type—Enter the type of announcement you want to assign to this extension number. Allowable entries are integrated or analog. If integrated is entered, the Protect and Board fields must be completed. If analog is entered, the Queue Length and Port fields must be completed. The Queue Length field only applies if y is entered in the Queue field.**

- **COR—Enter the desired class of restriction (COR) number from 0 to 63.**

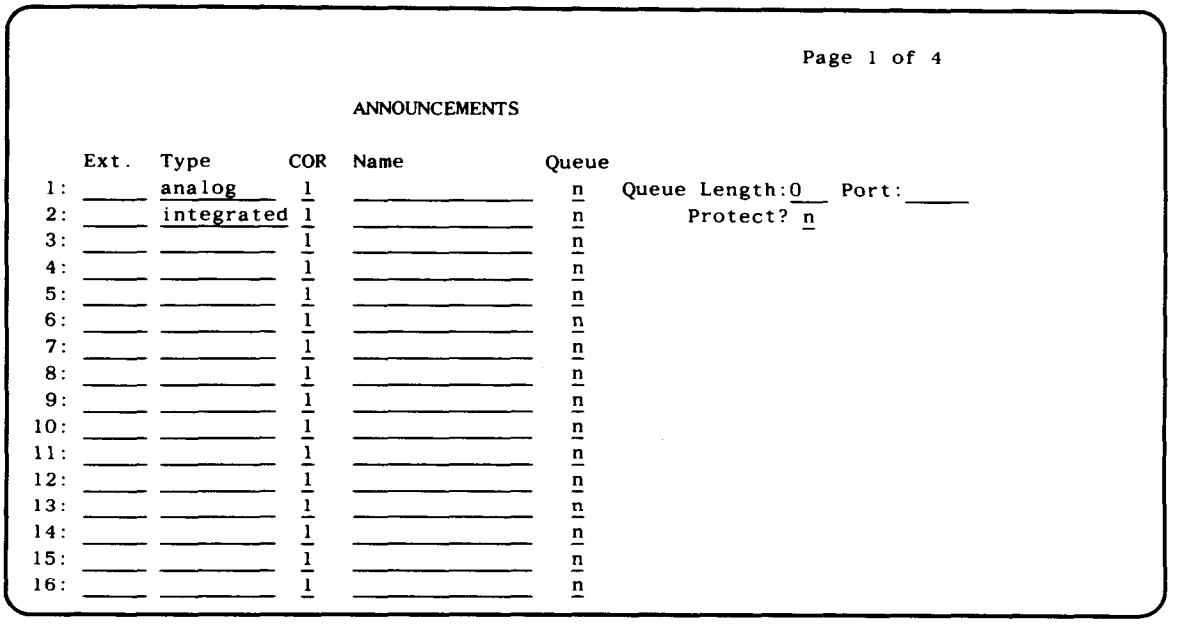
- **Name—Enter up to 15 characters to describe the contents of the announcement message.**

- **Queue—Enter y to queue calls for the announcement; otherwise, enter n. Enter y for AUDIX.**

- **Queue Length—Enter the number of calls that can be queued for this analog announcement. Allowable entries are 1 to 150 calls. The sum of the queue lengths for all analog announcements cannot exceed 150. This field appears when analog is entered in the type field.**

- **Port-Enter a valid port number for the analog announcement. Enter one letter and a 4-digit number. (Refer to Port Assignment Record.) This field appears when analog is entered in the type field.**

- **Protect—Enter y to protect the integrated announcement from being deleted or changed by any user. Enter n to allow only users with a console permission COS to change or delete an announcement. This field appears when integrated is entered in the type field.**



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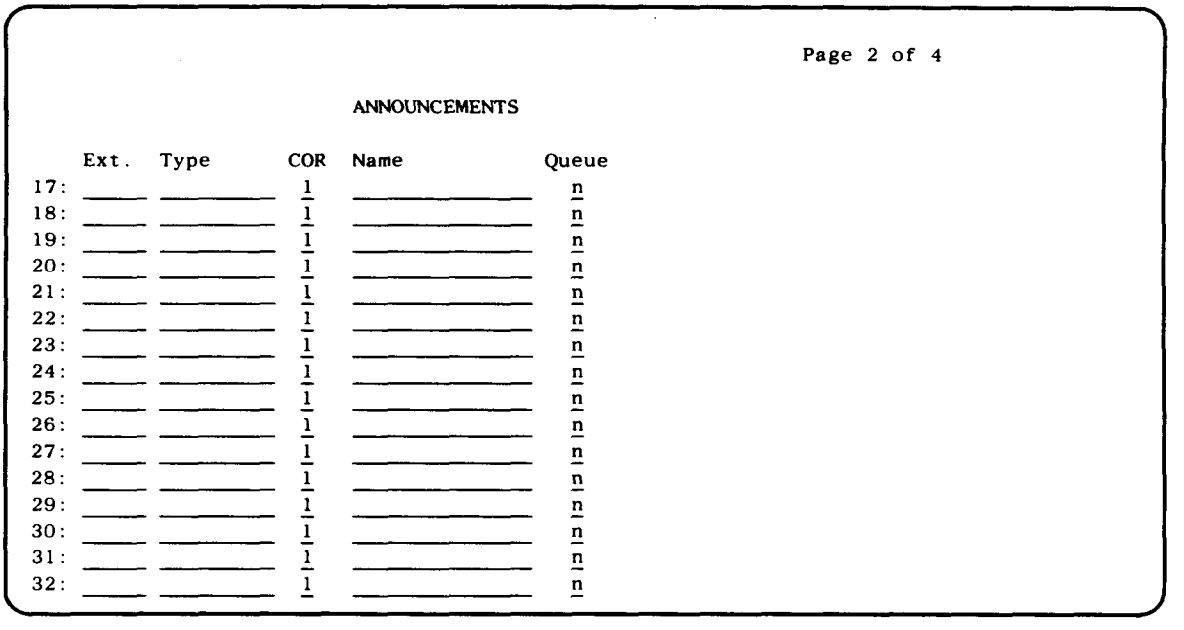
ANNOUNCEMENTS

	Ext.	Type	COR	Name	Queue	
1:		analog	1		n	Queue Length:0 Port:
2:		integrated	1		n	Protect? n
3:			1		n	
4:			1		n	
5:			1		n	
6:			1		n	
7:			1		n	
8:			1		n	
9:			1		n	
10:			1		n	
11:			1		n	
12:			1		n	
13:			1		n	
14:			1		n	
15:			1		n	
16:			1		n	



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ANNOUNCEMENTS

	Ext.	Type	COR	Name	Queue
17:			1		n
18:			1		n
19:			1		n
20:			1		n
21:			1		n
22:			1		n
23:			1		n
24:			1		n
25:			1		n
26:			1		n
27:			1		n
28:			1		n
29:			1		n
30:			1		n
31:			1		n
32:			1		n

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ANNOUNCEMENTS

	Ext.	Type	COR	Name	Queue
33:			1		n
34:			1		n
35:			1		n
36:			1		n
37:			1		n
38:			1		n
39:			1		n
40:			1		n
41:			1		n
42:			1		n
43:			1		n
44:			1		n
45:			1		n
46:			1		n
47:			1		n
48:			1		n

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ANNOUNCEMENTS

	Ext.	Type	COR	Name	Queue
49:			1		n
50:			1		n
51:			1		n
52:			1		n
53:			1		n
54:			1		n
55:			1		n
56:			1		n
57:			1		n
58:			1		n
59:			1		n
60:			1		n
61:			1		n
62:			1		n
63:			1		n
64:			1		n

Implementation Note:

Announcements 1 and 2 show the fields that are assigned to the analog and integrated announcement, respectively.

Recorded Announcement Data Module

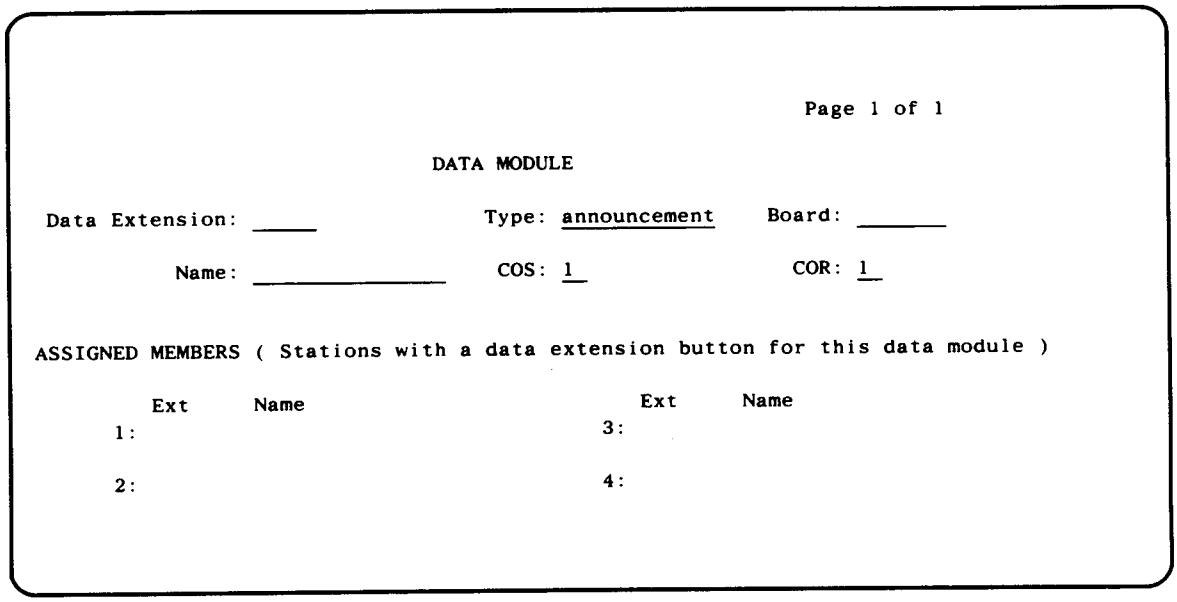
Purpose

The announcement data module form is used in conjunction with the netcon data module form. These two forms allow the system to transfer the recorded announcements file from the announcement board to the system tape and from the system tape to the announcement board.

Instructions

Make assignments as required for the following fields:

- **Data Extension—Enter the extension number assigned to the announcement data module. A data extension can be a 1- to 5-digit number. The digits assigned must agree with the Dial Plan Record.**
- **Type—Make no entry, announcement has been preprinted.**
- **Board—Enter the board number that indicates the physical board the announcement module is connected to. The board number is three alphanumeric characters. The first character is a letter that identifies the carrier as A, B, C, D, or E. The next two characters identify the slot number (01 to 20) on the carrier (V3). For System 75 XE, the carriers are letters A, B, C, D. The slot numbers are numbered from 01 through 18.**
- **Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.**
- **COS—Enter the desired class of service (COS) number from 0 through 15.**
- **COR—Enter the desired class of restriction (COR) number from 0 through 63.**
- **Ext—Make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.**
- **Name—Make no entry. The name is automatically assigned when the system is administered. This is the name assigned to this extension number.**



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DATA MODULE

Data Extension: _____ Type: announcement Board: _____

Name: _____ COS: 1 COR: 1

ASSIGNED MEMBERS (Stations with a data extension button for this data module)

	Ext	Name		Ext	Name
1:			3:		
2:			4:		

Remote Access

Purpose

This form is used to implement the Remote Access feature. Remote Access permits a caller located outside the system to access the System 75 through the public or private network. Then the caller can use the features and services of the system.

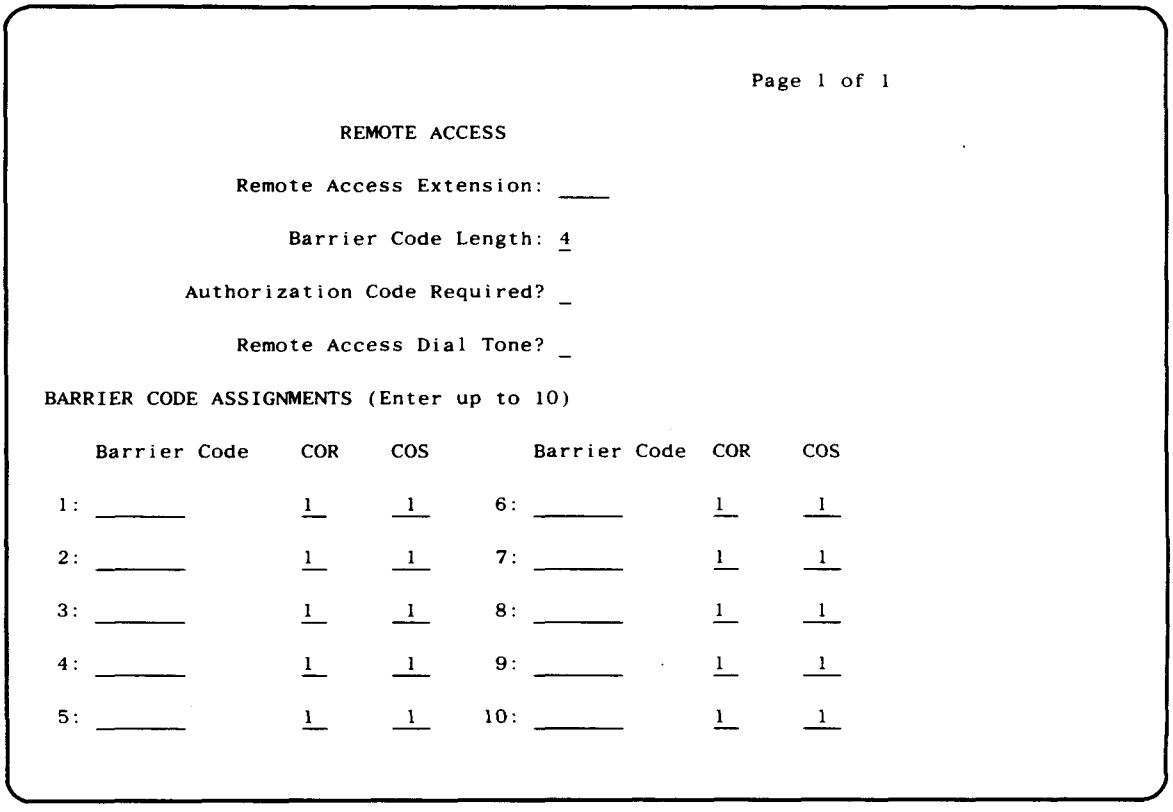
Remote Access users can dial into the system using Central Office, Foreign Exchange, and/or 800 Service trunks. In addition, a dedicated Remote Access Direct Inward Dialing number can be provided.

After System 75 dial tone is obtained, the Remote Access user is, for system security, required to dial a Barrier Code. Up to ten Barrier Codes, each with a different Class of Restriction, can be assigned. The Barrier Code is optional.

Instructions

Make assignments as required for the following fields:

- **Remote Access Extension—Enter an extension number for Remote Access.**
- **Barrier Code Length—Enter the desired length (4 to 7) of the Barrier Codes. All Barrier Codes must be the same length. If this field is blank, "none" must be entered in the Barrier Code field.**
- **Authorization Code Required—Enter "y" if an Authorization Code must be dialed to access the System 75 features; otherwise, enter "n. "**
- **Remote Access Dial Tone—Enter "y" if the caller will receive a recall dial tone before dialing the Authorization Code. If barrier codes are assigned the recall dial tone is heard after the Barrier Code has been dialed.**
- **Barrier Code—Enter any desired Barrier Codes 0 to 9, blank, or none. All codes must conform to the desired length selected above but can be any combination of the digits 0 to 9. Enter "none" if the Barrier Code Length is left blank.**
- **COR—Enter a class of restriction (COR) number from 0 to 63 that reflects the desired restriction.**
- **COS—Enter a class of service (COS) number from 0 to 15 to reflect the desired service.**



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REMOTE ACCESS

Remote Access Extension: ____

Barrier Code Length: 4

Authorization Code Required? _

Remote Access Dial Tone? _

BARRIER CODE ASSIGNMENTS (Enter up to 10)

	Barrier Code	COR	COS		Barrier Code	COR	COS
1:	_____	1	1	6:	_____	1	1
2:	_____	1	1	7:	_____	1	1
3:	_____	1	1	8:	_____	1	1
4:	_____	1	1	9:	_____	1	1
5:	_____	1	1	10:	_____	1	1

Synchronization Plan

Purpose

This form is used to assign primary and secondary external synchronization sources. This provides synchronization between the switch's DS1 circuitry and digital facilites that the switch is connected to.

Instructions

Make assignments as required for the following fields:

- **Primary-Enter a 3-character board number (carrier [A-E] and slot [01-20]) from the list of locations below that identifies the first-choice external synchronization source). A blank entry means no external source. The clock circuit pack's internal source is the implicit last choice.**
- **Secondary-Enter a 3-character board number (carrier [A-E] and slot [01-20]) from the list of locations below that identifies the second-choice external synchronization source. The system will automatically select the secondary circuit pack if the primary circuit has a failure.**
- **DS1 CIRCUIT PACKS—Identifies the location, name, and slip detection parameter for each DS1 circuit pack administered on the DS1 Circuit Pack form. These fields are display only.**

Instructions for administering a DS1/DMl interface are provided in *AT&T System 75 and System 85 DS1/DMl Interface Service Manual,* 555-025-101.

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SYNCHRONIZATION PLAN

SYNCHRONIZATION SOURCE (DS1 circuit pack location)

Primary: ___ Secondary: ___

DS1 CIRCUIT PACKS

Location	Name	Slip	Location	Name	Slip
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_

System-Parameters Customer-Options

This form is completed and implemented in the system during the installation and initialization process. The form is not available for use after installation except when option changes are required by the customer. Procedures covering the use of the System-Parameters Customer-Options form are provided in the *AT&T System 75—Installation* and *Test, Release 1 Version 3,* 555-200-104.

The optional features that supplement the standard system voice/data feature package capabilities are.

- **Abbreviated Dialing—Enhanced List**
- **Authorizations Codes**
- **Automatic Call Distribution (ACD)**
- **Automatic Route Selection (ARS)**
- **Automatic Route Selection Portioning**
- **Centralized Attendant Service (CAS) Branch**
- **Centralized Attendant Service (CAS) Main**
- **Distributed Communications System (DCS)**
- **Emergency Access to the Attendant**
- **Forced Entry of Account Codes (see SMDR Account Code Dialing)**
- **Hospitality**
- **Hospitality Parameter Reduction**
- **Private Networking**
- **Service Observing**
- **Uniform Dialing Plan**

After activation of an optional feature during installation, the feature's associated form(s) will be completed to define the feature parameters and service criteria. The associated implementation procedures are provided in this document. However, if an optional feature is not provided, the implementation procedures should be ignored.

Terminating Extension Group

Purpose

This form is used to define Terminating Extension Groups (TEGs).

Any voice terminal can be assigned as a TEG member; however, only a multi-appearance voice terminal can be assigned a TEG button with associated status lamp. The TEG button allows the terminal user to select a TEG call appearance for answering or for bridging onto an existing call.

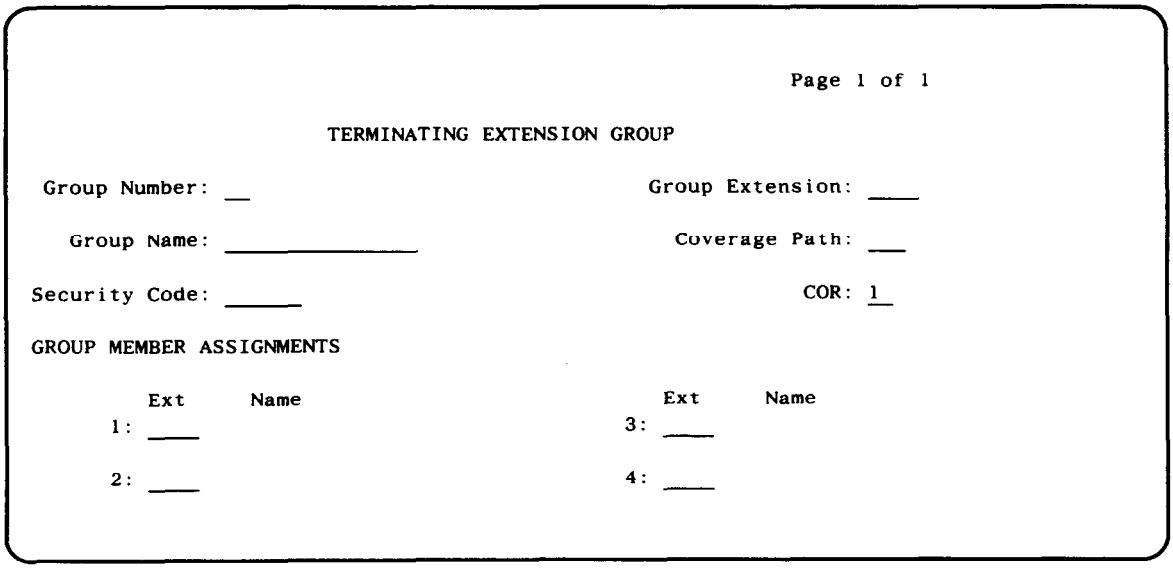
The TEG members are assigned on an extension number basis. Call reception restrictions applicable to the group are specified by the group Class of Restriction (COR). The group COR takes precedence over an individual member's COR. The members could all be termination restricted but still receive calls if the group is not restricted.

The System 75 allows for as many as 32 TEGs with up to four members each. An extension number can be assigned to more than one TEG but can have only one appearance of each group.

Instructions

Make assignments as required for the following fields:

- **Group Number—Enter a group number from 1 through 32.**
- **Group Extension—Enter an unused extension number.**
- **Group Name—Enter up to 15 characters to identify the group.**
- **Coverage Path—Enter a number from 1 through 400 for the call coverage path for this group. (A TEG cannot serve as a coverage point; however, calls to a TEG can redirect to coverage.) For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 through 5.**
- **Security Code—Enter a 4-digit security code or leave blank. This code is used for the AP Demand Print feature.**
- **COR—Enter the desired class of restriction (COR) number (O to 63) that reflects the desired restrictions.**
- **Ext—Enter the extension number for the members of this group.**
- **Name—Make no entry. The name is automatically assigned when the system is administered.**



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TERMINATING EXTENSION GROUP

Group Number: __ Group Extension: ____

Group Name: _____ Coverage Path: ___

Security Code: _____ COR: 1

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext	Name
1:	____		3:	____	
2:	____		4:	____	

10 Multi-Button Electronic (MET) Voice Terminal

Purpose

This form is used to implement a 10 MET voice terminal.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 10MET has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter the desired class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to** 20). **The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. The name remains with the voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AU DIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto .nswer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to the terminal are redirected (via Call Forwarding or Call Coverage). Enter "y" if audix was entered for LWC Reception.

- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance

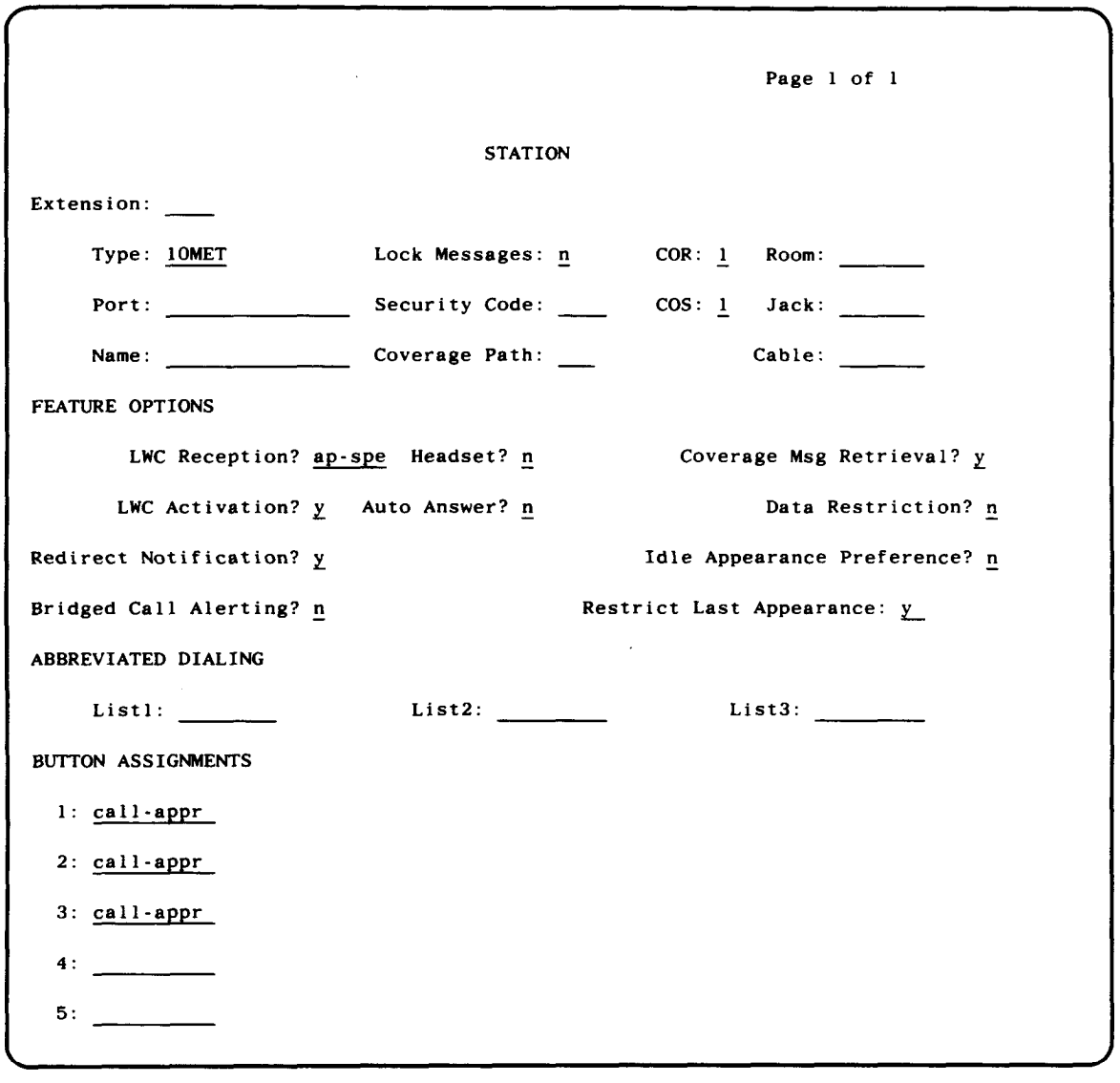
Preference is set and the user is connected to the ringing call appearance.

- **Bridged Call Alerting—Enter “y” to allow incoming calls on bridged appearances to alert at this voice terminal.**
- **Restrict Last Appearance—Enter “y” to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter “n”.**
- **List1:, List2:, List3:—Enter “p” for personal, “s” for system, “g” for group, or “e” for enhanced. If “g” or “p” is entered, a group number is also required.**

BUTTON ASSIGNMENTS

The features and functions that can be assigned to the 10 MET voice terminal administrable buttons are shown in Table 6-0. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

Figure 6-11 shows the 10 MET voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.



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                                                          Page 1 of 1

                                    STATION

Extension: ____

     Type: 10MET          Lock Messages: n       COR: 1   Room: _______

     Port: _____________  Security Code: ____    COS: 1   Jack: _______

     Name: _____________  Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

       LWC Activation? y   Auto Answer? n                 Data Restriction? n

Redirect Notification? y                    Idle Appearance Preference? n

Bridged Call Alerting? n                  Restrict Last Appearance: y

ABBREVIATED DIALING

     List1: ________          List2: _________          List3: _________

BUTTON ASSIGNMENTS

  1: call-appr

  2: call-appr

  3: call-appr

  4: _________

  5: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

Table 6-O. Voice Terminal Button Assignments for 10 MET

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (List:____ DC:____)	N	1
	AD Mark	abr-spchar (Char:~m)	N	
	AD Paus	abr-spchar (Char:~p)	N	
	AD Prog	abr-prog	1	
	AD Sups	abr-spchar (Char:~s)	N	
	AD Wait	abr-spchar (Char:~w)	N	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	1 per split group	2
	Assist	assist (Grp. No:___)	1 per split group	2
	Auto In	auto-in (Grp. No.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	2
	Manual-In	manual-in (Grp. No.___)	1 per split group	2
	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-O. Voice Terminal Button Assignments for 10 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Automatic Callback	Auto Call Back	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	5	
Call Coverage	Cons	consult	1	
Call Coverage	Covr Call Back	cov-cback	1	
Call Coverage	Send Trm (Grp:____)	send-term (Grp:____)	N	
Call Coverage	Go To Covr	goto-cover	1	
Call Coverage	Send All Calls	send-calls	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pick Up	call-pkup	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

Table 6-O. Voice Terminal Button Assignments for 10 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Centralized Attendant Service Backup	CAS Back Up	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (Ext #)	data-ext (Ext:____)	N	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
Facility Busy Indication	Busy (Ext #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Intercom-Automatic	Auto Icom (Ext #)	auto-icom (Grp:____) (DC:____)	N	4
Intercom-Dial	Dial Icom	dial-icom (Grp:____)	N	5
Last Number Dialed	Last Numb Dial	last-numb	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-O. Voice Terminal Button Assignments for 10 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	Cncl LWC	lwc-cancel	1	
Leave Word Calling	LWC	lwc-store	1	
Leave Word Calling	Msg (name or Ext #)	aut-msg-wt (Ext:____)	N	6
Link Failure	Link Failure (Link No___)	link-alarm (Link #___)	1 to 4 per voice terminal	7
Manual Signaling	Man Sgnl (name or Ext #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or Ext #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp.___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10
Personal Central Office Line Groups	Line (NXX-) (XXXX)	per-COline (Grp:____)	N	11
Priority Calling	Prior Call	priority	N	
Privacy-Manual Exclusion	Excl	exclusion	1	

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-O. Voice Terminal Button Assignments for 10 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
System Reset Alert	System Reset Alert	rs-alert		
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observing	serv-obsrv	1	
Terminating Extension Group	Term Grp (name or Ext #)	term-x-gr (Grp:____)	N	13
UCD/DDC	Make Busy	make-busy (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Covr (group #, type, name, or Ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-O. Voice Terminal Button Assignments for 10 MET (Contd)

Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	DC:	Dial code of destination number, 0 to 60 on the list..
2.	Grp:	The split group number for ACD (1 to 32).
3.	TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
4.	Grp:	Dial icom group number (1 to 32). This extension and destination extension number must both be in the same group.
5.	Grp:	Dial icom group number (1 to 32).
6.	Ext:	Extension number of principal.
7.	Link:	A Link number (1 to 4).
8.	Ext:	The destination extension.
9.	Grp:	A hunt group number (1 to 32)—no visual indication of the hunt group status is given. For the Hospitality Parameter Reduction feature,' enter a hunt group number (1 to 5).
10.	Grp:	A trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11.	Grp:	Central Office line group numbers (1 to 40).
12.	Ext:	Extension number of hunt group.
13.	Grp:	Terminating extension group number (1 to 32).
14.	Type:	A "c" for coverage answer group, "h" for a uniform call distribution or direct department calling group.
	Grp:	The number of the group (1 to 100 for "c", 1 to 32 for "h"). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

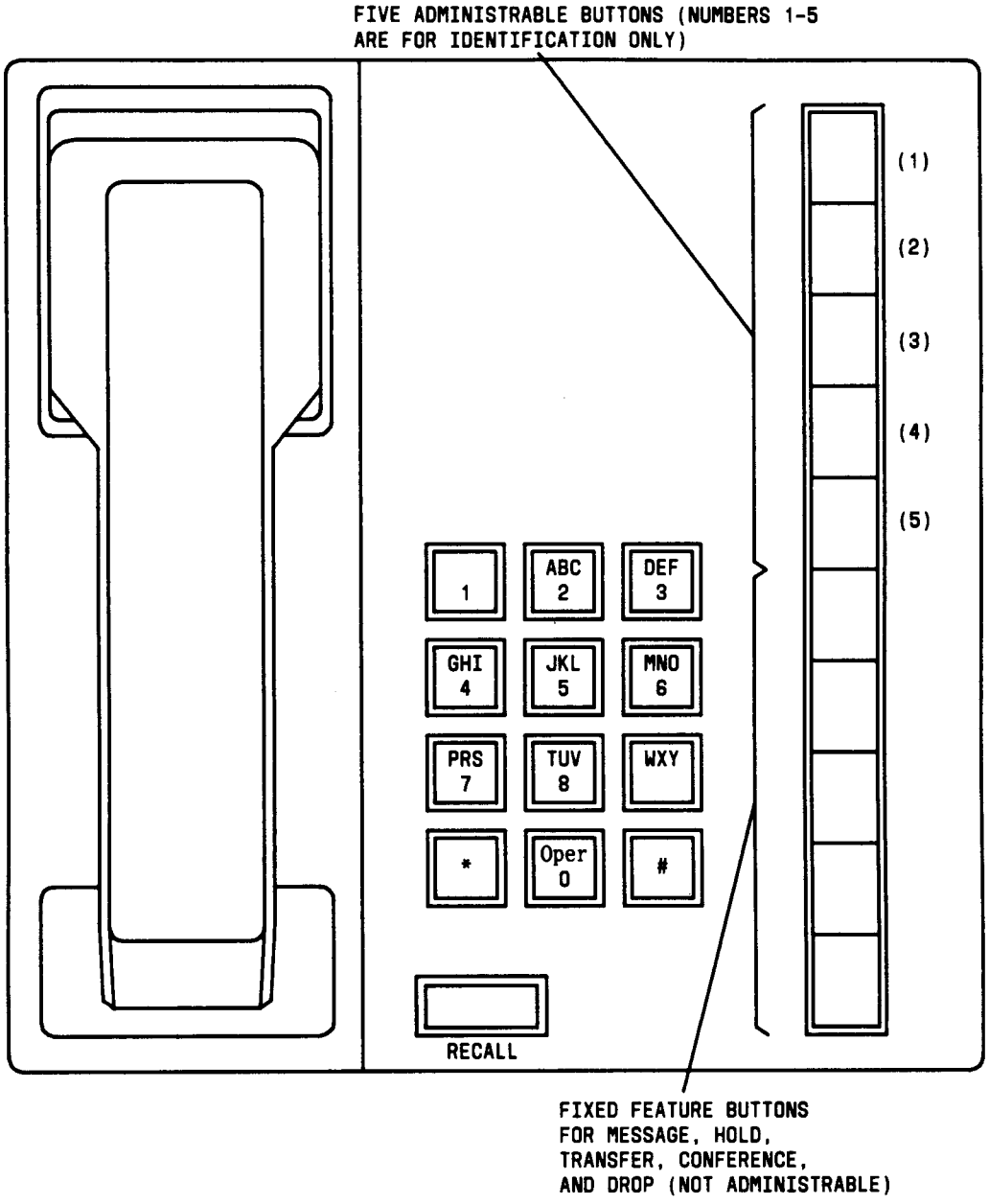

Figure 6-11. 10-Button MET Voice Terminal

20 Multi-Button Electronic (MET) Voice Terminal

Purpose

This form is used to implement a 20 MET voice terminal.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 20MET has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n."**
- **COR—Enter the desired class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port—Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number O through 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name remains with the voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AU DIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation—Enter "y" to allow voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "y" if audix was entered for LWC Reception.

- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance

Preference is set and the user is connected to the ringing call appearance.

- Bridged Call Alerting-Enter “y” to allow incoming calls on bridged appearances to alert at this voice terminal.
- Restrict Last Appearance—Enter “y” to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter “n”.
- List1:, List2:, List3:—Enter “p” for personal, “s” for system, “g” for group, or “e” for enhanced. If “p” or “g” is entered, a group number is also required.

BUTTON ASSIGNMENTS

The features and functions that can be assigned to the 20 MET voice terminal administrable buttons are shown in Table 6-P. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

Figure 6-12 shows the 20 MET voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.

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                                                          Page 1 of 2

                                    STATION

Extension: ____

     Type: 20MET          Lock Messages: n       COR: 1   Room: _______

     Port: _____________  Security Code: ____    COS: 1   Jack: _______

     Name: _____________  Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

      LWC Activation? y  Auto Answer? n                  Data Restriction? n

Redirect Notification? y                    Idle Appearance Preference? n

Bridged Call Alerting? n                    Restrict Last Appearance? y

ABBREVIATED DIALING

     List1: ________        List2: ________        List3: ________

BUTTON ASSIGNMENTS

  1: call-appr

  2: call-appr

  3: call-appr

  4: _________

  5: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

Page 2 of 2

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

5: _____

6: _____

7: _____

8: _____

9: _____

10: _____

Implementation Note:

The entries “call-appr” or “brdg-appr” may be assigned to buttons 1 through 5 only on this form.

Table 6-P. Voice Terminal Button Assignments for 20 MET

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (List:____ DC:____)	N	1
	AD Mark	abr-spchar (Char:~m)	N	
	AD Paus	abr-spchar (Char:~p)	N	
	AD Prog	abr-prog	1	
	AD Sups	abr-spchar (Char:~s)	N	
	AD Wait	abr-spchar (Char:~w)	N	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	N	2
	Assist	assist (Grp. No:___)	1 per split group	2
	Auto In	auto-in (Grp. No.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	2
	Manual-In	manual-in (Grp. No.___)	1 per split group	2
	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-P. Voice Terminal Button Assignments for 20 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Automatic Callback	Auto Call Back	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	5	
Call Coverage	Cons	consult	1	
Call Coverage	Covr Call Back	cov-cback	1	
Call Coverage	Send Trm (Grp:____)	send-term (Grp:____)	N	
Call Coverage	Go To Covr	goto-cover	1	
Call Coverage	Send All Calls	send-calls	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pick Up	call-pkup	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

Table 6-P. Voice Terminal Button Assignments for 20 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Centralized Attendant Service Backup	CAS Back Up	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (Ext #)	data-ext (Ext:____)	N	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
Facility Busy Indication	Busy (Ext #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Intercom-Automatic	Auto Icom (Ext #)	auto-icom (Grp:____) (DC:____)	N	4
Intercom-Dial	Dial Icom	dial-icom (Grp:____)	N	5
Last Number Dialed	Last Numb Dial	last-numb	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-P. Voice Terminal Button Assignments for 20 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	Cncl LWC	lwc-cancel	1	
Leave Word Calling	LWC	lwc-store	1	
Leave Word Calling	Msg (name or Ext #)	aut-msg-wt (Ext:____)	N	6
Link Failure	Link Failure (Link No.___)	link-alarm (Link #___)	1 to 4 per voice terminal	7
Manual Signaling	Man Sgnl (name or Ext #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or Ext #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. ___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10
Personal Central Office Line Groups	Line (NXX-) (XXXX)	per-COline (Grp:____)	N	11
Priority Calling	Prior Call	priority	N	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-P. Voice Terminal Button Assignments for 20 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Privacy-Manual Exclusion	Excl	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observing	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert		
Terminating Extension Group	Term Grp (name or Ext #)	term-x-gr (Grp:____)	N	13
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow/Call Coverage (Answer Group)	Covr (group #, type, name, or Ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-P. Voice Terminal Button Assignments for 20 MET (Contd)

Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	DC:	Dial code of destination number, 0 to 60 on the list.
2.	Grp:	The split group number for ACD (1 to 32).
3.	TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
	Grp:	Terminating extension group number (1 to 32).
4.	Grp:	Dial icom group number (1 to 32). This extension and destination extension number must both be in the same group.
5.	Grp:	Dial icom group number (1 to 32).
6.	Ext	Extension number of principal.
7.	Link:	A Link number (1 to 4).
8.	Ext:	The destination extension.
9.	Grp:	A hunt group number (1 to 32)—no visual indication of the hunt group status is given. For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10.	Grp:	A trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11.	Grp:	Central Office line group numbers (1 to 40).
12.	Ext:	Extension number of hunt group.
13.	Grp:	Terminating extension group number (1 to 32).
14.	Type:	A “c” for coverage answer group, “h” for a uniform call distribution or direct department calling group.
	Grp:	The number of the group (1 to 100 for “c”, 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

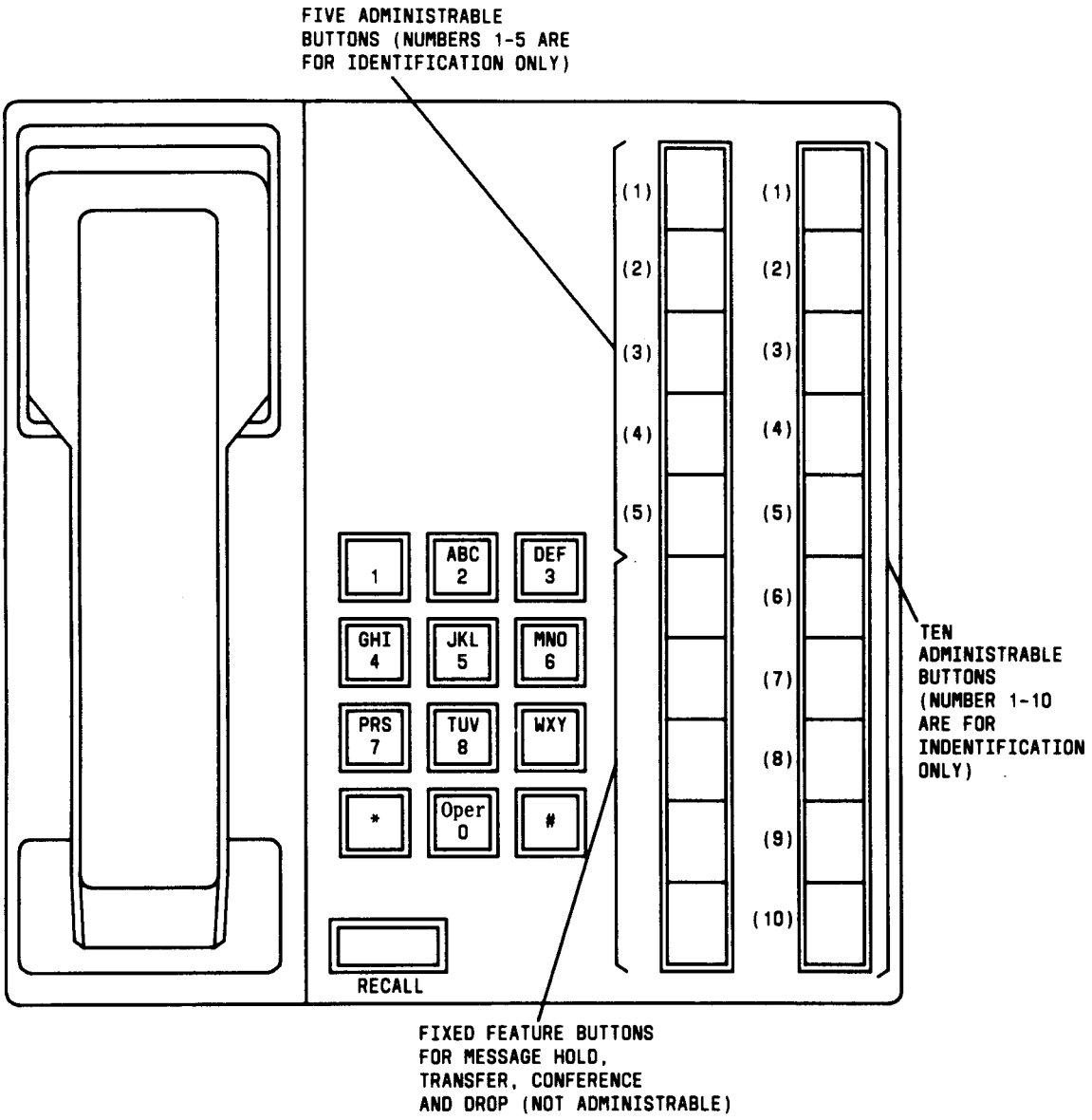


Figure 6-12. 20-Button MET Voice Terminal

30 Multi-Button Electronic (MET) Voice Terminal

Purpose

This form is used to implement a 30 MET voice terminal.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 30 MET has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired Class of Service number 0 through 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number, 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "y" if audix was entered for LWC Reception.

- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance Preference is set and the user is connected to the ringing call appearance.

- **Bridged Call Alerting—Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.**
- **Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".**
- **List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "p" or "g" is entered, a group number is also required.**

BUTTON ASSIGNMENTS

The features and functions that can be assigned to the 30 MET voice terminal administrable buttons are shown in Table 6-Q. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

Figure 6-13 shows the 30 MET voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.

```
                                                          Page 1 of 2

                                    STATION

Extension: ____

     Type: 30MET          Lock Messages: n       COR: 1   Room: _______

     Port: _____________  Security Code: ____    COS: 1   Jack: _______

     Name: _____________  Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

       LWC Activation? y  Auto Answer? n                  Data Restriction? n

Redirect Notification? y                    Idle Appearance Preference? n

Bridged Call Alerting? n                    Restrict Last Appearance? y

ABBREVIATED DIALING

     List1: _______        List2: _______        List3: _______

BUTTON ASSIGNMENTS

  1: call-appr

  2: call-appr

  3: call-appr

  4: _________

  5: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

Page 2 of 2

STATION

FEATURE BUTTON ASSIGNMENTS

1:	_____	11:	_____
2:	_____	12:	_____
3:	_____	13:	_____
4:	_____	14:	_____
5:	_____	15:	_____
6:	_____	16:	_____
7:	_____	17:	_____
8:	_____	18:	_____
9:	_____	19:	_____
10:	_____	20:	_____

Implementation Note:

The entries “call-appr” or “brdg-appr” may be assigned to buttons 1 through 5 only on this form.

Table 6-Q. Voice Terminal Button Assignments for 30 MET

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (List:____ DC:____)	N	1
	AD Mark	abr-spchar (Char:~m)	N	
	AD Paus	abr-spchar (Char:~p)	N	
	AD Prog	abr-prog	1	
	AD Sups	abr-spchar (Char:~s)	N	
	AD Wait	abr-spchar (Char:~w)	N	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	N	2
	Assist	assist (Grp. No:___)	1 per split group	2
	Auto In	auto-in (Grp. No.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	2
	Manual-In	manual-in (Grp. No.___)	1 per split group	2
	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-Q. Voice Terminal Button Assignments for 30 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Automatic Callback	Auto Call Back	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	5	
Call Coverage	Cons	consult	1	
Call Coverage	Covr Call Back	cov-cback	1	
Call Coverage	Send Trm (Grp:____)	send-term (Grp:____)	N	
Call Coverage	Go To Covr	goto-cover	1	
Call Coverage	Send All Calls	send-calls	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pick Up	call-pkup	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

Table 6-Q. Voice Terminal Button Assignments for 30 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Centralized Attendant Service Backup	CAS Back Up	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (Ext #)	data-ext (Ext:____)	N	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
Facility Busy Indication	Busy (Ext #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Intercom-Automatic	Auto Icom (Ext #)	auto-icom (Grp:____) (DC:____)	N	4
Intercom-Dial	Dial Icom	dial-icom (Grp:____)	N	5
Last Number Dialed	Last Numb Dial	last-numb	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-Q. Voice Terminal Button Assignments for 30 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	Cncl LWC	lwc-cancel	1	
Leave Word Calling	LWC	lwc-store	1	
_ Leave Word Calling	Msg (name or Ext #)		N	6
Link Failure	Link Failure (Link No.____)	link-alarm (Line #____)	1 to 4 per voice terminal	7
Manual Signaling	Man Sgnl (name or Ext #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or Ext #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. ___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10
Personal Central Office Line Groups	Line (NXX-) (XXXX)	per-COline (Grp:____)	N	11
Priority Calling	Prior Call	priority	N	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-Q. Voice Terminal Button Assignments for 30 MET (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Privacy-Manual Exclusion	Excl	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observing	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert		
Terminating Extension Group	Term Grp (name or Ext #)	term-x-gr (Grp:____)	N	13
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Covr (group #, type, name, or Ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-Q. Voice Terminal Button Assignments for 30 MET (Contd)

Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	DC:	Dial code of destination number, 0 to 60 on the list..
2.	Grp:	The split group number for ACD (1 to 32).
3.	TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
4.	Grp:	Dial icom group number (1 to 32). This extension and destination extension number must both be in the same group.
5.	Grp:	Dial icom group number (1 to 32).
6.	Ext:	Extension number of principal.
7.	Link:	A Link number (1 to 4).
8.	Ext:	The destination extension.
9.	Grp:	A hunt group number (1 to 32)—no visual indication of hunt group status is given. For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10.	Grp:	A trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50.
11.	Grp:	Central Office line group numbers (1 to 40).
12.	Ext:	Extension number of hunt group.
13.	Grp:	Terminating extension group number (1 to 32).
14.	Type:	A “c” for coverage answer group, “h” for a uniform call distribution or direct department calling group.
	Grp:	The number of the group (1 to 100 for “c”, 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

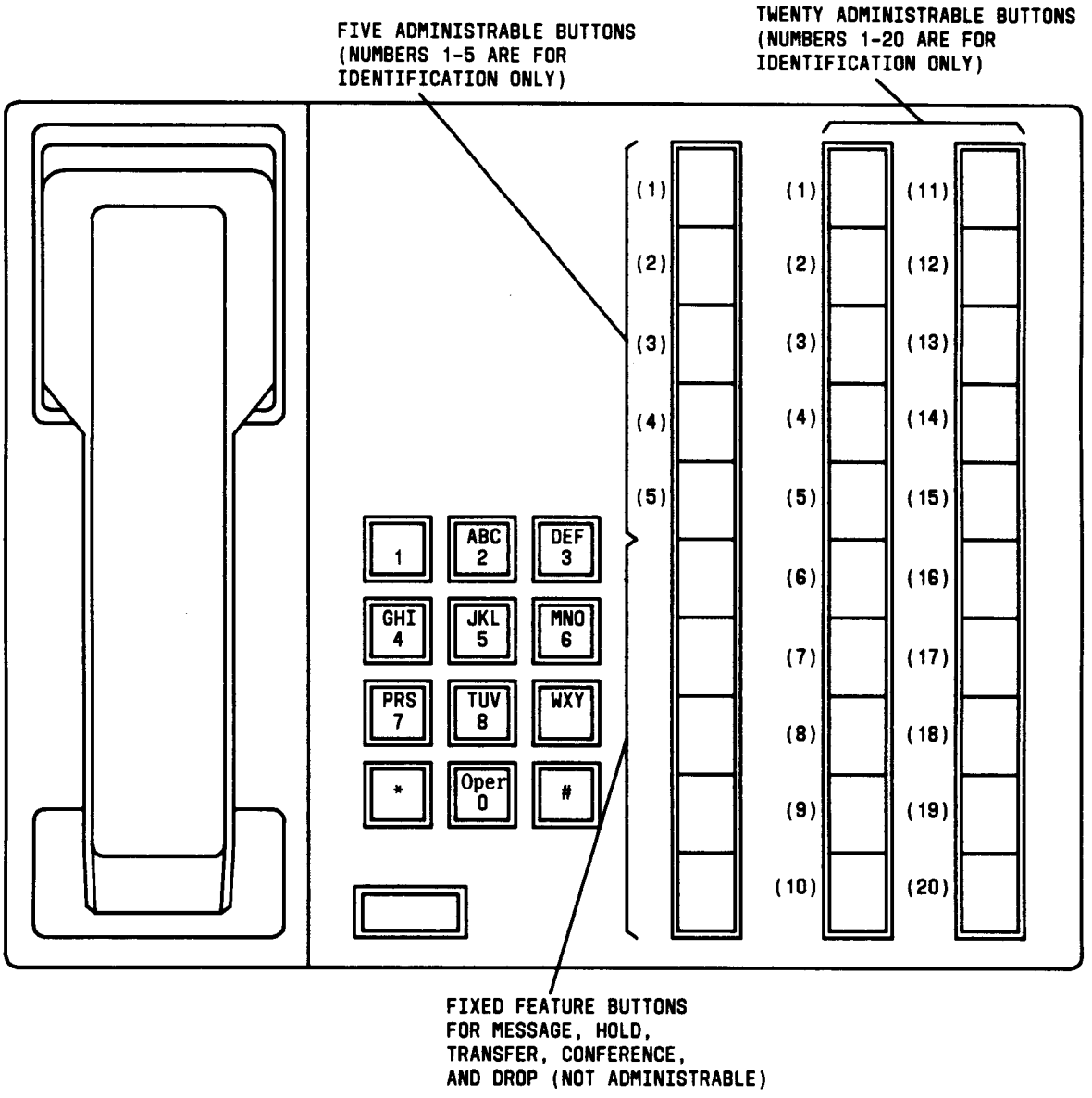


Figure 6-13. 30-Button MET Voice Terminal

500 Voice Terminal

Purpose

This form is used to implement a 500 single-line voice terminal (see Figure 6-14).

instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 500 has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Tests—Enter "y" to enable port maintenance tests. Enter "n" when the voice terminal is connected through a peripheral unit, such as a Dictaphone, that will cause the tests to fail.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if the messages are stored on the Applications Processor or enter "audix" if the messages are stored on the Audio Information Exchange System; otherwise, enter "none."

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n. " Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- **Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to the terminal are redirected (via Call Forwarding or Call Coverage). Enter "n" if this feature is not desired. Enter "y" if audix was entered for LWC Reception.**

- **Call Waiting Indication—Enter "y" to assign the Call Waiting Termination feature to the voice terminal. This feature provides for calls to busy single-line voice terminals to be held waiting. Enter "n" if this feature is not desired. If the Switchhook Flash field is set to "y", this field must be set to "n".**

- **Off Premise Station—Enter "y" if this voice terminal is not located in the same building with the System 75. Enter "n" if the voice terminal is located in the same building with the System 75. If y is entered, the "R Balance Network" field must be completed.**

- **Distinctive Audible Alert-Enter "y" so the voice terminal can receive the three different types of ringing patterns that identify the type of incoming calls. Features that provide distinctive ringing might function improperly toward an off-premises voice terminal. Enter "n" if this feature is not desired.**

- **R Balance Network—Enter "y" to select the R Balance Capacitor network, or "n" to select the standard resistor capacitor network. This field must be completed if "y" was entered in the "Off Premises Station" field.**

- **Message Waiting Indicator—Enter "led" if the message waiting indicator is a light-emitting diode (led) or "neon" if the indicator is a neon light waiting indicator.**

- **Switchhook Flash—Enter "y" which signals the System 75 to interpret the holding down of the switchhook for less than 150 milliseconds or the depression of the RECALL button as a flash, which allows the user to activate Conference/Transfer/Hold and Call Waiting features. Enter "n" to signal the System 75 to ignore the holding down of the switchhook less than 150 milliseconds or the depression of the RECALL button, which prohibits the user from activating Conference/Transfer/Hold and Call Waiting features. In either case, the System 75 will interpret a disconnect if the switchhook is depressed for 150 milliseconds or longer.**

- **List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" enhanced. If "p" or "g" is entered, a group number is also required.**

- **Abbreviated Dialing List Number (From above 1, 2 or 3)—Enter an abbreviated dialing list number 1, 2, or 3 from the previous step.**

- **Dial Code—Enter a number from 0 to 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.**

```
                                                        Page 1 of 1

                                    STATION

Extension: ____

     Type: 500              Lock Messages: n       COR: 1   Room: _______

     Port: _____________  Security Code: ____   COS: 1     Jack: _______

     Name: _____________  Coverage Path: ___   Tests? y    Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe Headset? n          Coverage Msg Retrieval? y

      LWC Activation? y  Auto Answer? n                 Data Restriction? n

Redirect Notification? y                        Call Waiting Indication? y

  Off Premise Station? n                      Distinctive Audible Alert? y

    R Balance Network? n                      Message Waiting Indicator? ____

     Switchhook Flash? n

ABBREVIATED DIALING

     List1: _______          List2: _________          List3: _________

HOT LINE DESTINATION
        Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                                  Dial Code: __
```

Implementation Note:

The field labeled "R Balance Network" only appears when y is entered in "Off Premise Station. "

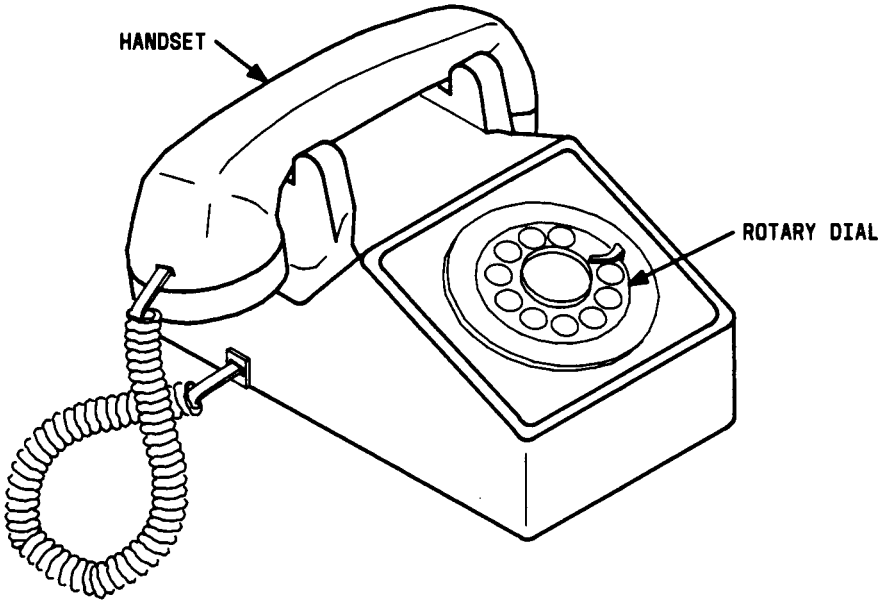


Figure 6-14. 500 Voice Terminal

510D Personal Terminal

Purpose

This form is used to implement an AT&T Personal Terminal 510D.

Instructions

Make assignments as required for the following fields:

- **Extension— Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 510 has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (00 to 07).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number, 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for the voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "y" if audix was entered for LWC Reception.

- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance

Preference is set and the user is connected to the ringing call appearance.

- PCOL/TEG Call Alerting—Enter "y" if the user will be alerted of a PCOLG call; otherwise, enter "n. "
- Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter '(n".
- List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.

BUTTON ASSIGNMENTS

The features and functions that can be assigned to the 510D administrable screen buttons are shown in Table 6-R. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the 510D. The abbreviated name must be entered on the button assignment fields on the form.

Figure 6-15 shows the 510D button number assignments in relation to the button numbers on the form. The first four buttons assigned to BUTTON ASSIGNMENTS are defaulted as call appearance.

These instructions are used for the data module for the 510D.

- Data Extension—Enter the extension number assigned to the data module. A data extension can be a 1- to 5-digit number. The digits assigned must agree with the Dial Plan Record.
- Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.
- COR—Enter the desired COR number from 0 through 63.
- COS—Enter the desired COS number from 0 through 15.
- List1:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.
- Abbreviated Dialing Dial Code (From above list)—Enter a number from 0 through 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.
- Ext—Make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.
- Name—Enter the name assigned to this extension number.

```
                                                   Page 1 of 4

                                STATION

Extension: ____

    Type: 510            Lock Messages: n      COR: 1    Room: _______
    Port: _____________  Security Code: ____   COS: 1    Jack: _______
    Name: _____________  Coverage Path: ___              Cable: _______

FEATURE OPTIONS

      LWC Reception? ap-spe  Headset? n        Coverage Msg Retrieval? y
     LWC Activation? y   Auto Answer? n              Data Restriction? n
Redirect Notification? y                  Idle Appearance Preference? n
PCOLG/TEG Call Alerting?n                   Restrict Last Appearance? y

ABBREVIATED DIALING

    List1: ________       List2: _________      List3: _________

BUTTON ASSIGNMENTS

  1: call-appr
  2: call-appr
  3: call-appr
  4: call-appr
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

Page 2 of 4

STATION

FEATURE BUTTON ASSIGNMENTS

Column 1: 1: _____

2: _____

3: _____

Column 2: 4: _____

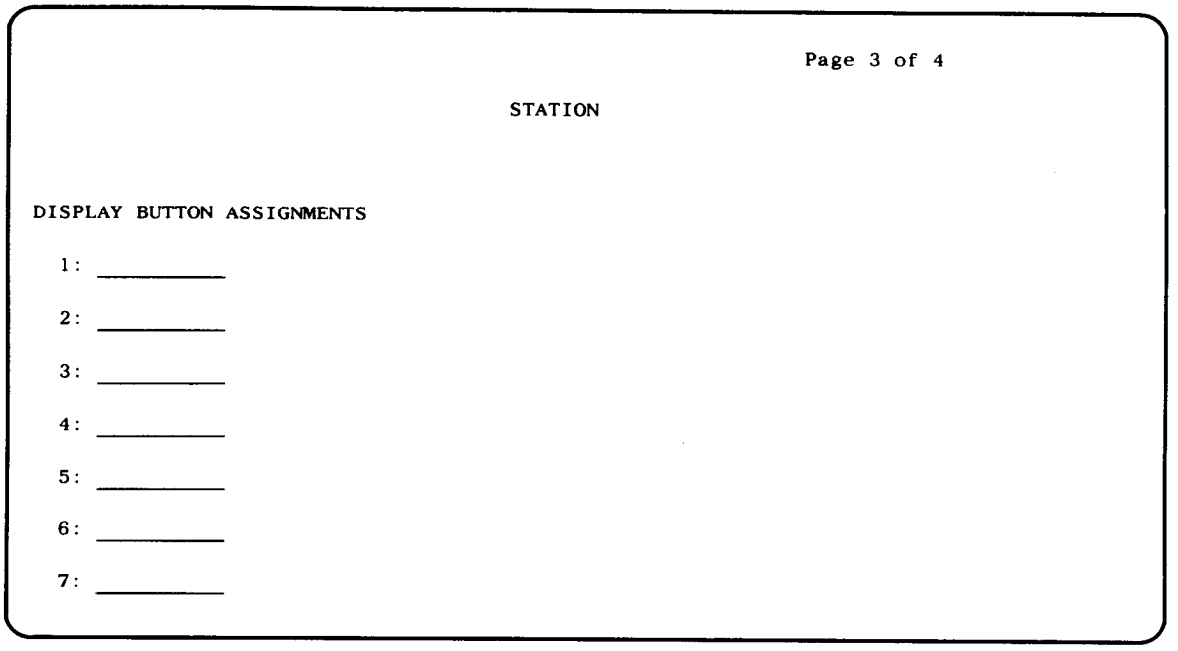
5: _____

6: _____

Column 3: 7: _____

8: _____

9: _____


Page 3 of 4
STATION
DISPLAY BUTTON ASSIGNMENTS
1: _____
2: _____
3: _____
4: _____
5: _____
6: _____
7: _____

Page 4 of 4

STATION

DATA MODULE

Data Extension: ____

Name: _____ COR: 1 COS: 1

ABBREVIATED DIALING

Listl: _____

HOT LINE DESTINATION

Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS (Stations with a data extension buttons for this data module)

	Ext	Name		Ext	Name
1:	____		3:	____	
2:	____		4:	____	

Table 6-R. Voice Terminal Button Assignments for 510D

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (list:____ DC:____)	N	1
	AbrvDial Mark	abr-spchar (Char:~m)	N	
	AbrvDial Pause	abr-spchar (Char:~p)	N	
	AbrvDial Program	abr-prog	1	
	AbrvDial Suppress	abr-spchar (Char:~s)	N	
	AbrvDial Wait	abr-spchar (Char:~w)	N	
Abbreviated Dialing/ Digital Display	Stored Number	stored-num	1	
Agent Call Handling	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	
Auto Wakeup	Auto Wakeup	auto-wkup	1 per split group	
Automatic Callback	Auto Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-R. Voice Terminal Button Assignments for 510D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Busy Verification	Verify	verify	N	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send All Calls-TEG	send-term (Grp:____)	N	
	Go to Cover	goto-cover	1	
	Send All Calls	send-calls	1	
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (data extension #)	data-ext (Ext:____)	N	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-R. Voice Terminal Button Assignments for 510D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Date and Time/ Digital Display	Date Time	date-time	1	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
	Do Not Disturb Ext	ext-dn-dst	1 per station	
	Do Not Disturb Grp	grp-dn-dst	1 per station	
Elapsed Time/ Digital Display	Timer	timer	1	
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:____)	N	2
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Integrated Directory	Integrtd Directry	directory†	1	
Intercom-Automatic	AutoIcom (name or extension #)	auto-icom Grp:____ DC:____)	N	3
Intercom-Dial	DialIcom	dial-icom (Grp:____)	N	4

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

† Can be assigned to digital display.

(See Notes at end of table.)

Table 6-R. Voice Terminal Button Assignments for 510D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Last Number Dialed	LastNumb Dialed	last-numb	1	
Leave Word Calling	LWC	lwc-store	1	
	Lock LWC	lwc-lock	1	
	Cancel LWC	lwc-cancel	1	
Leave Word Calling (Remote Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:____)	N	5
Leave Word Calling/ Digital Display	Return Call	call-disp	1	
	Message Retrieve	mesg-retr	1	
	Next	next	1	
	Delete Message	delete-msg	1	
Link Failure	Link Failure (Link No.___)	link-alarm (Link #___)	1-4 per voice terminal	6
Manual Signaling	Signal (name or extension #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or extension #)	man-msg-wt (Ext:____)	N	7

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

† Can be assigned to digital display.

(See Notes at end of table.)

Table 6-R. Voice Terminal Button Assignments for 510D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. __)	3 per hunt group	8
	Trunk Grp.	trunk-ns (Grp. __)	3 per trunk group	9
Normal Mode/ Digital Display	Normal Mode	normal	1	
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:____)	N	10
Priority Calling	Prior Call	priority	N	
Privacy— Manual Exclusion	Exclusn	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	11
	OQT	q-time (Ext:_)	1 per hunt group	11
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-R. Voice Terminal Button Assignments for 510D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Service Observing†	Service Observing	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert		
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:____)	N	12
Trunk Identification	Trunk-ID	trk-id	1	
Trunk Group Name/ Digital Display	Trunk Name	trunk-name	N	
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:____ Grp:____)	N	13

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-R. Voice Terminal Button Assignments for 510D (Contd)

Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	DC:	Dial code of destination number, 0 to 60 on the list.
2.	TAC/ Ext	Trunk or extension number of voice terminal to be monitored.
3.	Grp:	Dial icom group number (1 to 32). This extension and destination extension number must both be in the same group.
4.	Grp:	Dial icom group number (1 to 32).
5.	Ext:	Extension number of principal.
6.	Link:	A Link number (1 to 4).
7.	Ext:	The destination extension.
8.	Grp:	A hunt group number (1 to 32)—no visual indication of the hunt group status is given. For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
9.	Grp:	A trunk group number (1 to 99). For the Hospitality Parameters Reduction feature, enter a trunk group number from 1 through 50.
10.	Grp:	Central Office line group numbers (1 to 40).
11.	Ext:	Extension number of hunt group.
12.	Grp:	Terminating extension group number (1 to 32).
13.	Type:	A “c” for coverage answer group, “h” for a uniform call distribution or direct department calling group.
	Grp:	The number of the group (1 to 100 for “c”, 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

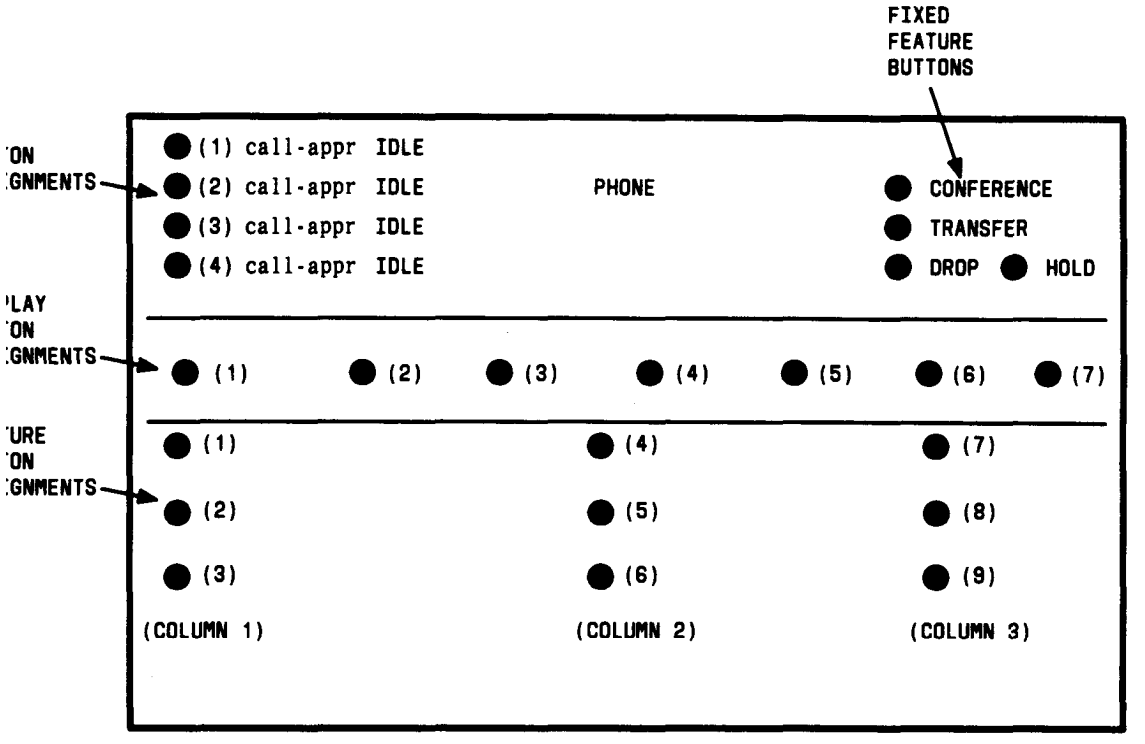


Figure 6-15. 510D Personal Terminal Administrable Screen Button Assignments

515 Business Communications Terminal

Purpose

This form is used to implement a 515 Business Communications Terminal (BCT).

Instructions

Make assignments as required for the following fields:

- **Extension—enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 515 has been preprinted.**
- **Lock Messages—Enter “y” to restrict other users from reading or canceling the voice terminal messages; otherwise, enter “n. ”**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be .left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 01).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 through 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number between 1 and 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.
- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.
- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.
- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."
- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for the voice terminal. This field only applies if this voice terminal is marked for LWC Reception.
- LWC Activation-Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.
- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.
- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.
- Redirect Notification-Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "n" if this feature is not desired. Enter "y" if audix was entered for LWC Reception.
- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance

Preference is set and the user is connected to the ringing call appearance.

- Bridged Call Alerting—Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.
- Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".
- List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "p" or "g" is entered, a group number is also required.

BUTTON ASSIGNMENTS

The features and functions that can be assigned to the 515 (BCT) administrable buttons are shown in Table 6-S. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the BCT. The abbreviated name must be entered on the button field on the form.

Figure 6-16 shows the BCT button number assignments in relation to the button numbers on the BCT Form. The first four buttons for the BUTTON ASSIGNMENT are defaulted as call appearance.

The following instructions are used for the data module for the 515

- Data Extension—Enter the extension number assigned to the data module. A data extension can be a 1- to 5-digit number. The digits assigned must agree with the Dial Plan Record.
- Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.
- COR—Enter the desired class of restriction (COR) number from 0 through 63.
- COS—Enter the desired class of service (COS) number from 0 through 15.
- List1 :—Enter "p" for personal, "s" for system, "e" for enhanced or "g" for group. If "p" or "g" is entered, a group number is also required. This allows the module to have up to three abbreviated dialing lists.
- Abbreviated Dialing List Number (From above iist)—Enter a number from 0 through 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.
- Ext—Make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.
- Name—Enter the name assigned to this extension number.

```
                                                    Page 1 of 3

                                STATION

Extension: ____

     Type: 515              Lock Messages: n       COR: 1   Room: _______

     Port: _____________    Security Code: ____    COS: 1   Jack: _______

     Name: _____________    Coverage Path: ___             Cable: _______

FEATURE OPTIONS
       LWC Reception? ap-spe Headset? n            Coverage Msg Retrieval? y

      LWC Activation? y  Auto Answer? n                    Data Restriction? n

Redirect Notification? y                      Idle Appearance Preference? n

Bridged Call Alerting? n                        Restrict Last Appearance? y


ABBREVIATED DIALING

     List1: _________          List2: _________          List3: _________
BUTTON ASSIGNMENTS

  1: call-appr                          6: _________

  2: call-appr                          7: _________

  3: call-appr                          8: _________

  4: call-appr                          9: _________

  5: _________                         10: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

```
                                                    Page 2 of 3


        DISPLAY BUTTON ASSIGNMENTS


        1: _____
        2: _____
        3: _____
        4: _____
        5: _____
        6: _____
        7: _____
```

```
                                                    Page 3 of 3
                                  STATION

DATA MODULE

     Data Extension: ____

               Name: _____________        COR: 1        COS: 1

ABBREVIATED DIALING

 List1: _______

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _


ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                        Ext      Name

     1: ____                              3: ____

     2: ____                              4: ____
```

Table 6-S. Voice Terminal Button Assignments for 515 BCT

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (list:____ DC:____)	N	1
	AbrvDial Mark	abr-spchar (Char:^m)	N	
	AbrvDial Pause	abr-spchar (Char:^p)	N	
	AbrvDial Program	abr-prog	1	
	AbrvDial Suppress	abr-spchar (Char:^s)	N	
	AbrvDial Wait	abr-spchar (Char:^w)	N	
Abbreviated Dialing/ Digital Display	Stored Number	stored-num	1	
Agent Call Handling	After Call Work	after-call (Grp. ___)	N	2
	Assist	assist (Grp. ___)	1 per split group	2
	Auto In	auto-in (Grp. ___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. ___)	1 per split group	2
	Manual-In	manual-in (Grp. ___)	1 per split group	2
	Release	release	1	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-S. Voice Terminal Button Assignments for 515 BCT (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
AP Demand Print	Print Msgs	print-msgs	1	
Automatic Callback	Auto Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Auto Wakeup	Auto Wakeup	auto-wkup	1 per split group	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	10	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send All Calls-TEG	send-term (Grp:____)	N	
	Go to Cover	goto-cover	1	
	Send All Calls	send-calls	1	
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

Table 6-S. Voice Terminal Button Assignments for 515 BCT (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (data extension #)	data-ext (Ext:____)	N	
Date and Time/ Digital Display	Date Time	date-time	1	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
	Do Not Disturb Ext	ext-dn-dst	1 per station	
	Do Not Disturb Grp	grp-dn-dst	1 per station	
Elapsed Time/ Digital Display	Timer	timer	1	
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-S. Voice Terminal Button Assignments for 515 BCT (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Inspect/ Digital Display	Inspect Mode	inspect	1	
Integrated Directory	Integrtd Directry	directory	1	
Intercom-Automatic	AutoIcom (name or extension #)	auto-icom Grp:____ DC:____)	N	4
Intercom-Dial	DialIcom	dial-icom (Grp:____)	N	5
Last Number Dialed	LastNumb Dialed	last-numb	1	
Leave Word Calling	LWC	lwc-store	1	
	Cancel LWC	lwc-cancel	1	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-S. Voice Terminal Button Assignments for 515 BCT (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling (Remote Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:____)	N	6
Leave Word Calling/ Digital Display	Return Call	call-disp	1	
	Message Retrieve	msg-retr	1	
	Next	next	1	
	Delete Message	delete-msg	1	
	Lock LWC	lwc-lock	1	
Link Failure	Link Failure (Link No.___)	link-alarm (Link #___)	1 to 4 per voice terminal	7
Manual Signaling	Signal (name or extension #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or extension #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. ___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-S. Voice Terminal Button Assignments for 515 BCT (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Normal Mode/ Digital Display	Normal Mode	normal	1	
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:____)	N	11
Priority Calling	Prior Call	priority	1	
Privacy— Manual Exclusion	Exclusn	exclusion	1	
PMS Interface	Check-In	check-in	1 per system	
	Check-Out	check-out	1 per system	
	Message Waiting Act.	mwn-act	1 per system	
	Message Waiting Deact.	mwn-deact	1 per system	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-S. Voice Terminal Button Assignments for 515 BCT (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON FORM	MAXIMUM ALLOWED*	NOTES
Queue Status Indications	NQC	q-calls (Ext:__)	1 per hunt group	12
	OQT	q-time (Ext:__)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observing	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert		
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:____)	N	13
Trunk Identification	Trunk-ID	trk-id	1	
Trunk Group Name/ Digital Display	Trunk Name	trunk-name	N	
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-S. Voice Terminal Button Assignments for 515 BCT (Contd)

Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	DC:	Dial codes of destination number.
2.	Grp:	The split group number for ACD (1 to 32).
3.	TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
4.	Grp:	Dial Icom group number (1 to 32). This extension and destination extension number must be in the same group.
5.	Grp:	Dial Icom group number (1 to 32).
6.	Ext:	Extension number of principal.
7.	Link:	Link number (1 to 4).
8.	Ext:	The destination extension.
9.	Grp:	Hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10.	Grp:	Trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11.	Grp:	Central Office line group number (1 to 25).
12.	Ext:	Extension number of hunt group.
13.	Grp:	Terminating Extension Group Number (1 to 32).
14.	Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
	Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

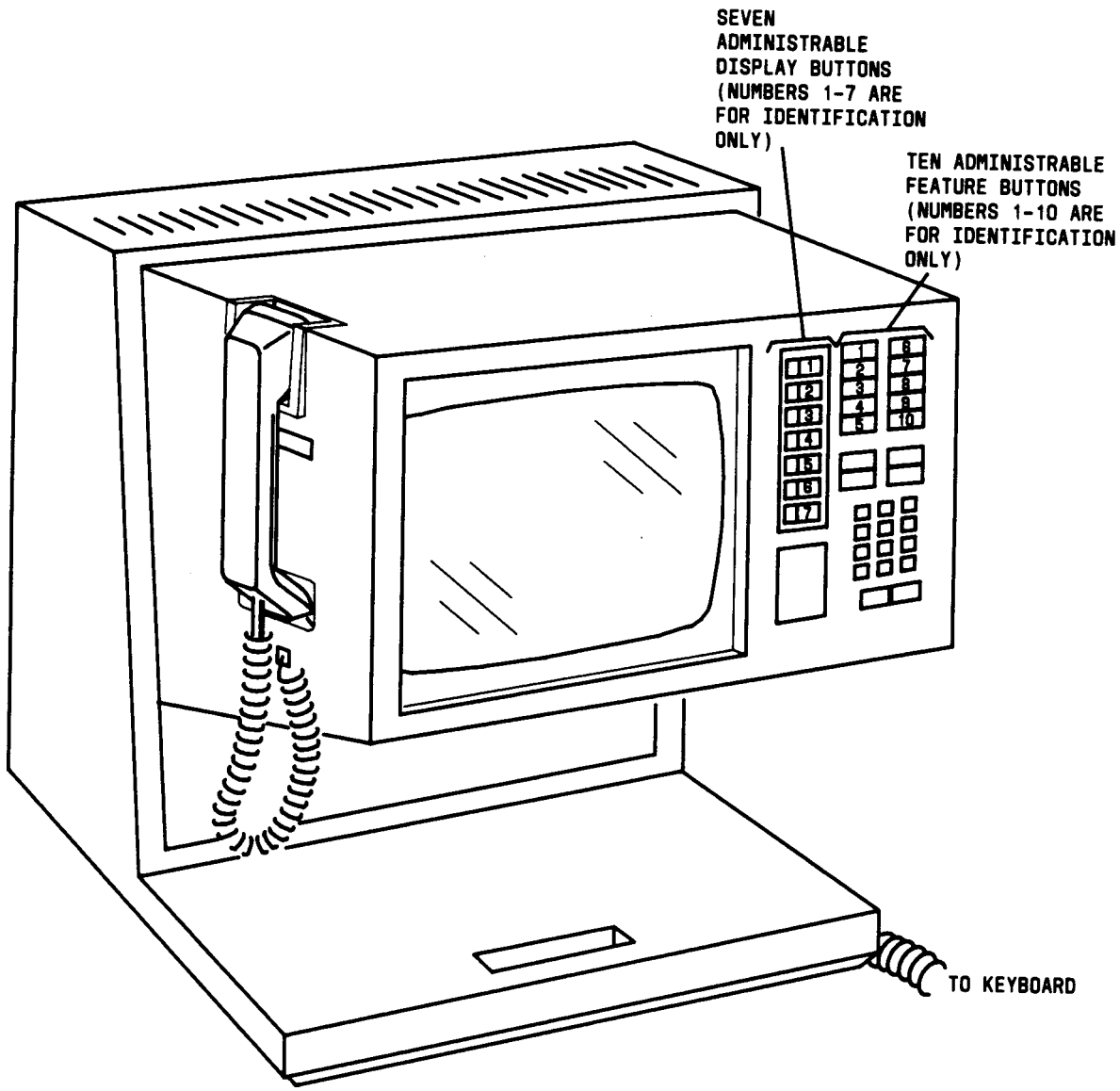


Figure 6-16. 515 Business Communications Terminal (BCT)

2500 Voice Terminal

Purpose

This form is used to implement a 2500 single-line voice terminal (see Figure 6-17).

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 2500 has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for** the **AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 through 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired.
- Tests—Enter "y" to enable port maintenance tests. Enter "n" when the voice terminal is connected through a peripheral unit, such as a Dictaphone, that will cause the tests to fail.
- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.
- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.
- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."
- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.
- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.
- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.
- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.
- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to the terminal are redirected (via Call Forwarding or Call Coverage). Enter "n" if this feature is not desired. Enter "y" if audix was entered for LWC Reception.

- **Call Waiting Indication—Enter "y" to assign the Call Waiting Termination feature to the voice terminal. This feature provides for calls to busy single-line voice terminals to be held waiting. Enter "n" if this feature is not desired. If the Switchhook Flash field is set to "y" , this field must be set to "n".**

- **Off Premise Station—Enter "y" if this voice terminal is not located in the same building with the System 75. Enter "n" if the voice terminal is located in the same building with the System 75. If y is entered, the "R Balance Network" field must be completed.**

- **Distinctive Audible Alert-Enter "y" so the voice terminal can receive the three different types of ringing patterns that identify the type of incoming calls. Features that provide distinctive ringing might function improperly toward an off-premises voice terminal. Enter "n" if this feature is not desired.**

- **R Balance Network-Enter "y" to select the R Balance Capacitor network, or "n" to select the standard resistor capacitor network. This field must be completed if "y" was entered in the "Off Premises Station" field.**

- **Message Waiting Indicator—Enter "led" for a light-emitting diode (LED) indicator or "neon" for a neon type indicator.**

- **Switchhook Flash—Enter "y" which signals the System 75 to interpret the holding down of the switchhook for less than 150 milliseconds or the depression of the RECALL button as a flash, which allows the user to activate Conference/Transfer/Hold and Call Waiting features. Enter "n" to signal the System 75 to ignore the holding down of the switchhook less than 150 milliseconds or the depression of the RECALL button, which prohibits the user from activating Conference/Transfer/Hold and Call Waiting features. In either case, the System 75 will interpret a disconnect if the switchhook is depressed for 150 illi-seconds or longer.**

- **List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.**

- **Abbreviated Dialing List Number (From above 1, 2 or 3)—Enter an abbreviated dialing list number 1, 2, or 3 from the previous step.**

- **Dial Code—Enter a number from 0 to 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.**

```
                                                        Page 1 of 1

                                    STATION

Extension: ____

     Type: 2500__        Lock Messages: n       COR: 1   Room: _______

     Port: _____________ Security Code: ____    COS: 1   Jack: _______

     Name: _____________ Coverage Path: ___     Tests? _ Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe Headset? n          Coverage Msg Retrieval? y

       LWC Activation? y  Auto Answer? n                 Data Restriction? n

Redirect Notification? y                        Call Waiting Indication? y

  Off Premise Station? n                        Distinctive Audible Alert? y

    R Balance Network? n                        Message Waiting Indicator? ____

     Switchhook Flash? y

ABBREVIATED DIALING

     List1: _______          List2: _________          List3: _________

HOT LINE DESTINATION
       Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                                  Dial Code: __
```

Implementation Note:

The field labeled "R Balance Network" only appears when y is entered in the "Off Premise Station" field.

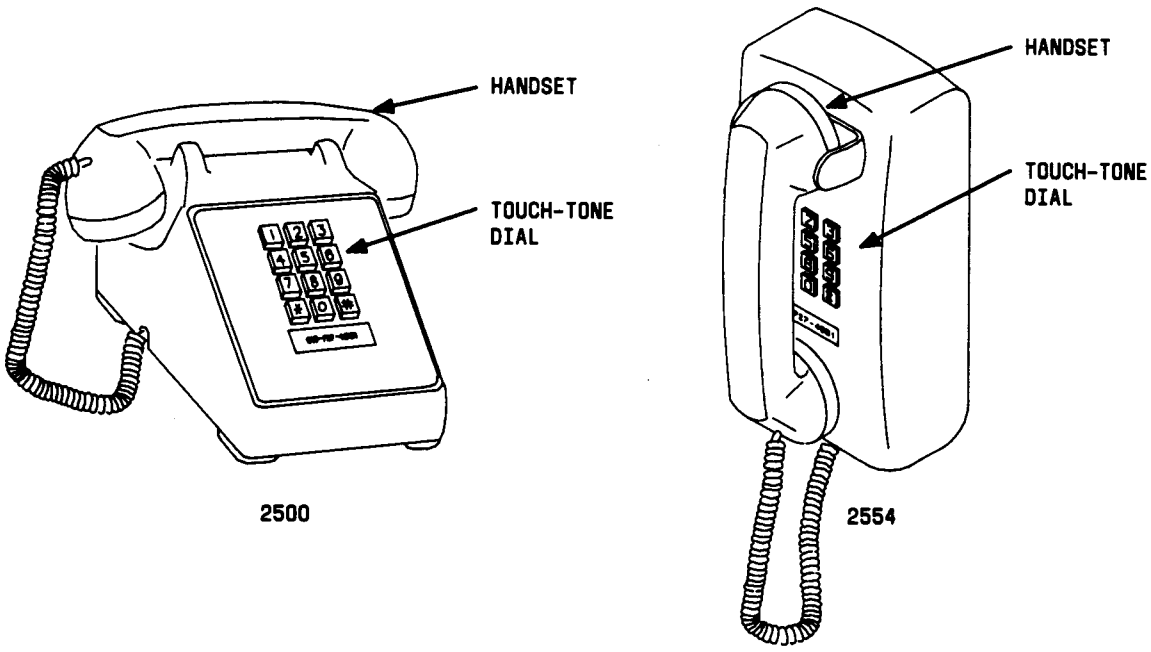


Figure 6-17. 2500 Voice Terminal

7101A Voice Terminal

Purpose

This form is used to implement a 7101A single-line voice terminal (see Figure 6-18).

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan**
- **Type—Make no entry, 7101A has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to *20).* The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Tests—Enter "y" to enable port maintenance tests. Enter "n" when the voice terminal is connected through a peripheral unit, such as a Dictaphone, that will cause the tests to fail.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation-Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "n" if this feature is not desired. Enter "y" if audix was entered for LWC Reception.

- **Call Waiting Indication—Enter "y" to assign the Call Waiting Termination feature to the voice terminal. This feature provides for calls to busy single-line voice terminals to be held waiting. Enter "n" if this feature is not desired. If the Switchhook Flash field is set to "y", this field must be set to "n".**

- **Off Premise Station—Enter "y" if this voice terminal is not located in the same building with the System 75. Enter "n" if the voice terminal is located in the same building with the System 75. If y is entered, the "R Balance Network" field must be completed.**

- **Distinctive Audible Alert-Enter "y" so the voice terminal can receive the three different types of ringing patterns that identify the type of incoming calls. Features that provide distinctive ringing might function improperly toward an off-premises voice terminal. Enter "n" if this feature is not desired.**

- **R Balance Network-Enter "y" to select the R Balance Capacitor network, or "n" to select the standard resistor capacitor network. This field must be completed if "y" was entered in the "Off Premises Station" field.**

- **Message Waiting indicator—Enter "led" for a light-emitting diode (LED) indicator or "neon" for neon type indicator.**

- **Switchhook Flash—Enter "y" which signals the System 75 to interpret the holding down of the switchhook for less than 150 milliseconds or the depression of the RECALL button as a flash, which allows the user to activate Conference/Transfer/Hold and Call Waiting features. Enter "n" to signal the System 75 to ignore the holding down of the switchhook less than 150 milliseconds or the depression of the RECALL button, which prohibits the user from activating Conference/Transfer/Hold and Call Waiting features. In either case, the System 75 will interpret a disconnect if the switchhook is depressed for 150 milliseconds or longer.**

- **List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.**

- **Abbreviated Dialing List Number (From above 1, 2 or 3)—Enter an abbreviated dialing list number 1, 2, or 3 from the previous step.**

- **Dial Code—Enter a number from 0 to 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.**

```
                                                          Page 1 of 1

                                    STATION

Extension: ____

     Type: 7101A            Lock Messages: n       COR: 1   Room: _______

     Port: _____________    Security Code: ____    COS: 1   Jack: _______

     Name: _____________    Coverage Path: ___   Tests? _   Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe   Headset? n          Coverage Msg Retrieval? y

       LWC Activation? y    Auto Answer? _                Data Restriction? n

Redirect Notification? y                          Call Waiting Indication? y

  Off Premise Station? n                       Distinctive Audible Alert? y

    R Balance Network? n

     Switchhook Flash? y

ABBREVIATED DIALING

     List1: ________          List2: _________          List3: _________

HOT LINE DESTINATION
        Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                                      Dial Code: __
```

Implementation Note:

The field labeled "R Balance Network" only appears when y is entered in the "Off Premise Station" field.

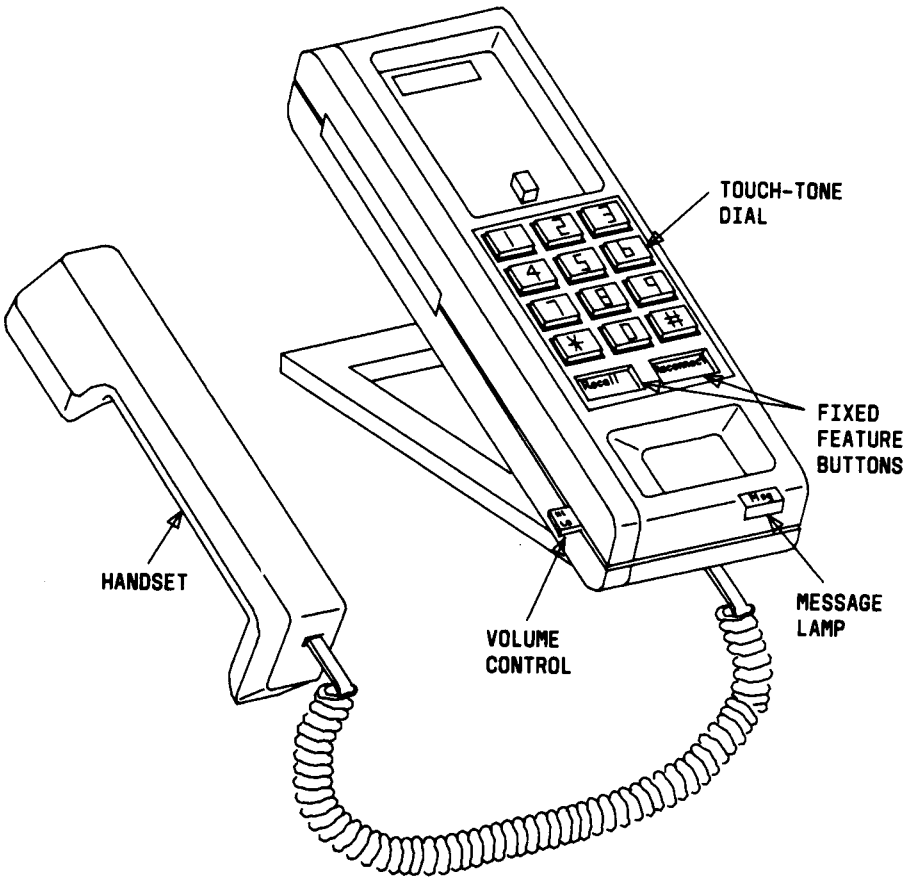


Figure 6-18. 7101A Voice Terminal

7103A Voice Terminal

Purpose

This form is used to implement a 7103A single-line voice terminal (see Figure 6-19).

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7103A has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- **Bill J Doe**
- **Doe,Bill J**
- **Bill Doe**

- **Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.**
- **Tests—Enter "y" to enable port maintenance tests. Enter "n" when the voice terminal is connected through a peripheral unit, such as a Dictaphone, that will cause the tests to fail.**
- **Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.**
- **LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the "System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.**
- **Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."**
- **Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.**
- **LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.**
- **Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.**
- **Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.**
- **Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "n" if this feature is not desired. Enter "y" if audix was entered for LWC Reception.**

- **Call Waiting Indication—Enter "y" to assign the Call Waiting Termination feature to the voice terminal. This feature provides for calls to busy single-line voice terminals to be held waiting. Enter "n" if this feature is not desired. If the Switchhook Flash field is set to "y",** this **field must be set to "n".**

- **Off Premise Station—Enter "y" if this voice terminal is not located in the same building with the System 75. Enter "n" if the voice terminal is located in the same building with the System 75. If y is entered, the "R Balance Network" field must be completed.**

- **Distinctive Audible Alert-Enter "y" so the voice terminal can receive the three different types of ringing patterns that identify the type of incoming calls. Features that provide distinctive ringing might function improperly toward an off-premises voice terminal. Enter "n" if this feature is not desired.**

- **R Balance Network—Enter "y" to select the R Balance Capacitor network, or "n" to select the standard resistor capacitor network. This field must be completed if "y" was entered in the "Off Premise Station" field.**

- **Switchhook Flash—Enter "y" which signals the System 75 to interpret the holding down of the switchhook for less than 150 milliseconds or the depression of the RECALL button as a flash, which allows the user to activate Conference/Transfer/Hold and Call Waiting features. Enter "n" to signal the System 75 to ignore the holding down of the switchhook less than 150 milliseconds or the depression of the RECALL button, which prohibits the user from activating Conference/Transfer/Hold and Call Waiting features. In either case, the System 75 will interpret a disconnect if the switchhook is depressed for 150 milliseconds or longer.**

- **List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.**

- **Abbreviated Dialing List Number (From above 1, 2 or 3)—Enter an abbreviated dialing list number 1, 2, or 3 from the previous step.**

- **Dial Code—Enter a number from 0 to 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.**

```
                                                          Page 1 of 1

                                    STATION

Extension: ____

     Type: 7103A       Lock Messages: n       COR: 1   Room: _______

     Port: _____________   Security Code: ____   COS: 1   Jack: _______

     Name: _____________   Coverage Path: ___   Tests? _   Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe Headset? n          Coverage Msg Retrieval? y

       LWC Activation? y  Auto Answer? n                Data Restriction? n

Redirect Notification? y                        Call Waiting Indication? y

  Off Premise Station? n                      Distinctive Audible Alert? y

    R Balance Network? n

     Switchhook Flash? y

ABBREVIATED DIALING

     List1: ________        List2: _________        List3: _________

HOT LINE DESTINATION

        Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                                  Dial Code: __
```

Implementation Note:

The field labeled “R Balance Network” only appears when y is entered in the “Off Premise Station” field.

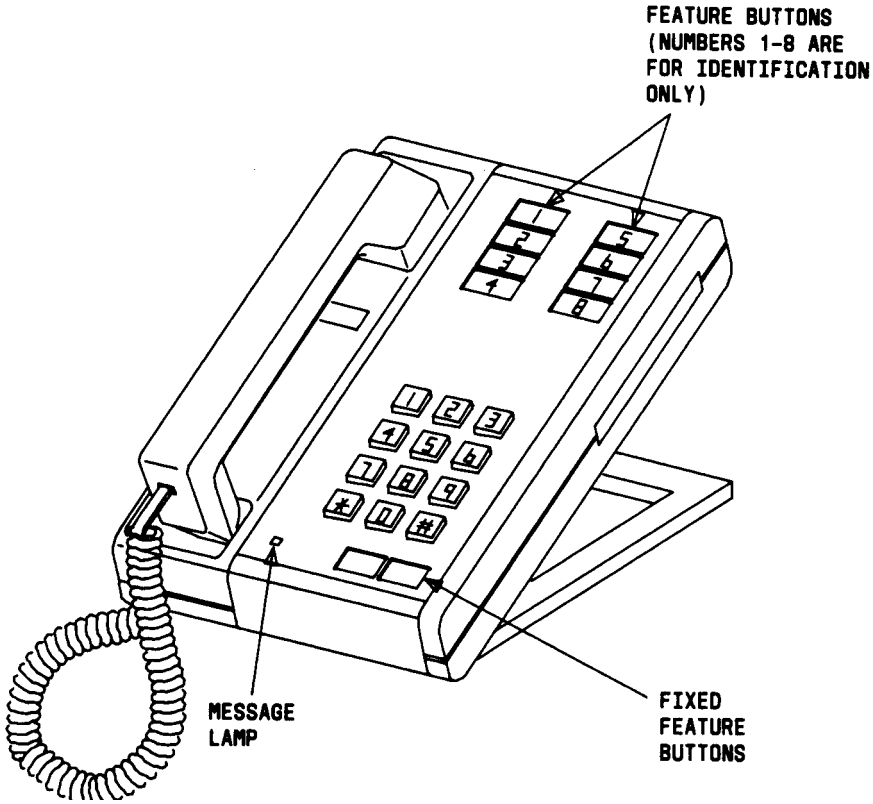


Figure 6-19. 7103A Voice Terminal

7303S Voice Terminal

Purpose

This form is used to implement a 7303S multi-appearance voice terminal.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7303S has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number from 0 through 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**

  Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.

  Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AU DIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in this voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation-Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter '"y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "n" if this feature is not desired. Enter "y" if audix was entered for LWC Reception.

- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance

Preference is set and the user is connected to the ringing call appearance.

- Bridged Call Alerting-Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.
- Personalized Ringing Pattern-Enter a Personalized Ringing Pattern from 1 to 8 as follows:

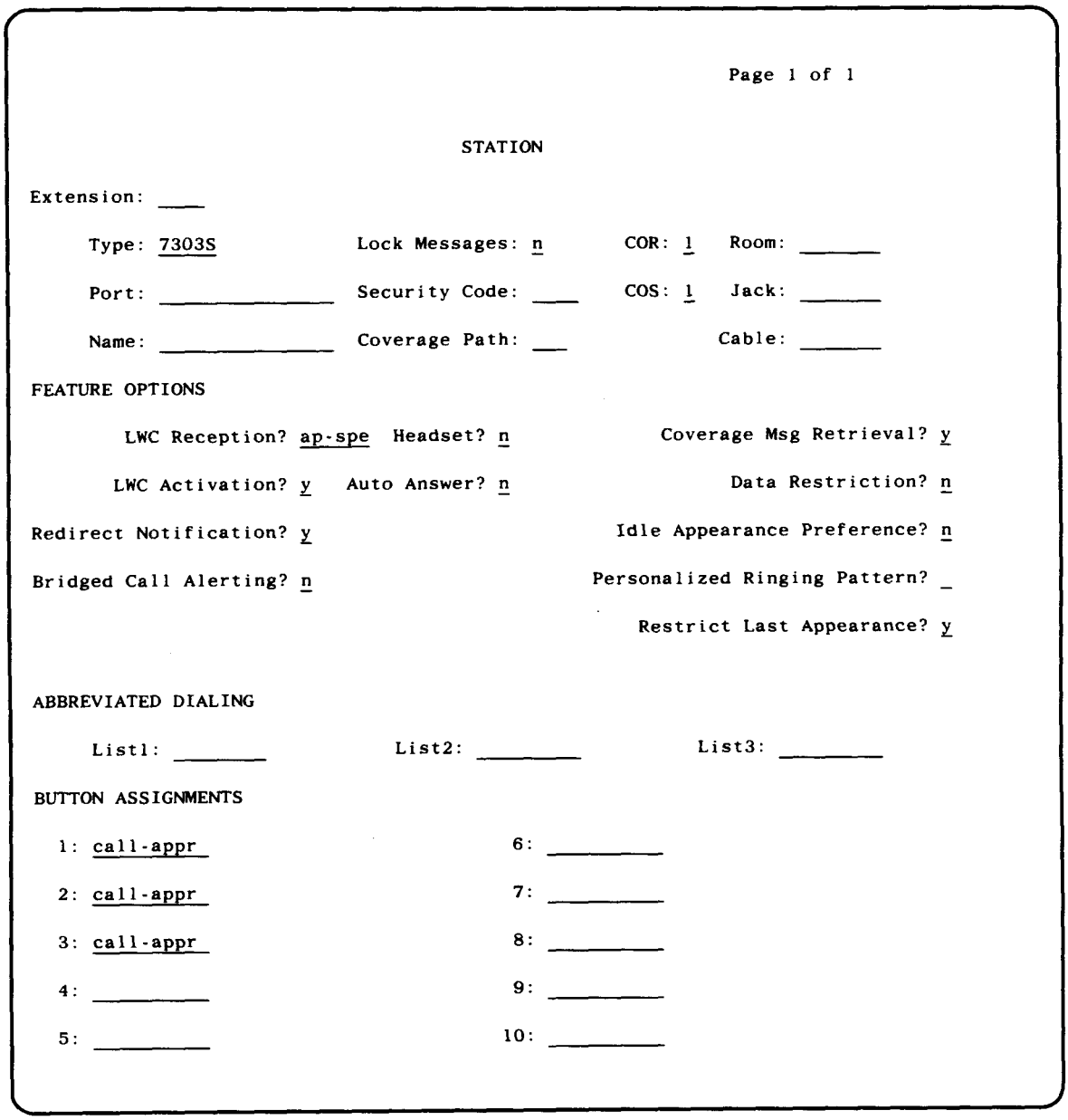
Ring Pattern	Tone Sequence
1	MMM
2	HHH
3	LLL
4	LHH
5	HHL
6	HLL
7	HLH
8	LHL

L = 530 Hz, M = 750 Hz, and H = 1060 Hz

- Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".
- List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.
- BUTTON ASSIGNMENTS

  The features and functions that can be assigned to the 7303S voice terminal administrable buttons are shown in Table 6-T. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

  Figure 6-20 shows the 7303S voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.



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                                                          Page 1 of 1

                                    STATION

Extension: ____

     Type: 7303S          Lock Messages: n       COR: 1   Room: _______

     Port: _____________  Security Code: ____    COS: 1   Jack: _______

     Name: _____________  Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

       LWC Activation? y  Auto Answer? n                  Data Restriction? n

Redirect Notification? y                    Idle Appearance Preference? n

Bridged Call Alerting? n                    Personalized Ringing Pattern? _

                                                  Restrict Last Appearance? y


ABBREVIATED DIALING

     List1: ________          List2: ________          List3: ________

BUTTON ASSIGNMENTS

  1: call-appr                          6: _________

  2: call-appr                          7: _________

  3: call-appr                          8: _________

  4: _________                          9: _________

  5: _________                         10: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

Table 6-T. Voice Terminal Button Assignments for 7303S

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (List:____ DC:____)	N	1
	AD Mark	abr-spchar (Char:~m)	N	
	AD Paus	abr-spchar (Char:~p)	N	
	AD Prog	abr-prog	1	
	AD Sups	abr-spchar (Char:~s)	N	
	AD Wait	abr-spchar (Char:~w)	N	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	1 per split group	2
	Assist	assist (Grp. No:___)	1 per split group	2
	Auto In	auto-in (Grp. No.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	2
	Manual-In	manual-in (Grp. No.___)	1 per split group	2
	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-T. Voice Terminal Button Assignments for 7303S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Automatic Callback	Auto Call Back	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	10	
Call Coverage	Cons	consult	1	
Call Coverage	Covr Call Back	cov-cback	1	
Call Coverage	Send Trm (Grp:____)	send-term (Grp:____)	N	
Call Coverage	Go To Covr	goto-cover	1	
Call Coverage	Send All Calls	send-calls	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pick Up	call-pkup	1	

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

Table 6-T. Voice Terminal Button Assignments for 7303S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Centralized Attendant Service Backup	CAS Back Up	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (Ext #)	data-ext (Ext:____)	N	
Do Not Disturb	Do Not Disturb	dn-dst	1 per system	
Facility Busy Indication	Busy (Ext #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	Pms Failure	pms-alrm	1 per system	
Intercom-Automatic	Auto Icom (Ext #)	auto-icom (Grp:____) (DC:____)	N	4
Intercom-Dial	Dial Icom	dial-icom (Grp:____)	N	5
Last Number Dialed	Last Numb Dial	last-numb	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-T. Voice Terminal Button Assignments for 7303S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	Cncl LWC	lwc-cancel	1	
Leave Word Calling	LWC	lwc-store	1	
Leave Word Calling	Msg (name or Ext #)	aut-msg-wt (Ext:____)	N	6
Link Failure	Link Failure (Link No.__)	link-alarm (Link #__)	1 to 4 per voice terminal	7
Manual Signaling	Man Sgnl (name or Ext #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or Ext #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. __)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. __)	3 per trunk group	10

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-T. Voice Terminal Button Assignments for 7303S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Personal Central Office Line Groups	Line (NXX-) (XXXX)	per-COline (Grp:____)	N	11
Priority Calling	Prior Call	priority	N	
Privacy-Manual Exclusion	Excl	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-T. Voice Terminal Button Assignments for 7303S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Service Observing†	Service Observing	serv-obsrv	1	
Terminating Extension Group	Term Grp (name or Ext #)	term-x-gr (Grp:____)	N	13
UCD/DDC/Intraflow Call Coverage (Answer Group)	Covr (group #, type, name, or Ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-T. Voice Terminal Button Assignments for 7303S (Contd)

Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	DC:	Dial codes of destination number, 0 to 60 on the list.
2.	Grp:	The split group number for ACD (1 to 32).
3.	T A C / Ext:	Trunk or extension number of voice terminal to be monitored.
4.	Grp:	Dial Icom group number (1 to 32). This extension and destination extension number must be in the same group.
5.	Grp:	Dial Icom group number (1 to 32),
6.	Ext:	Extension number of principal.
7.	Link:	Link number (1 to 4).
8.	Ext:	The destination extension.
9.	Grp:	Hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10.	Grp:	Trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11.	Grp:	Central Office line group number (1 to 40).
12.	Ext:	Extension number of hunt group.
13.	Grp:	Terminating Extension Group Number (1 to 32).
14.	Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
	Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”) For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

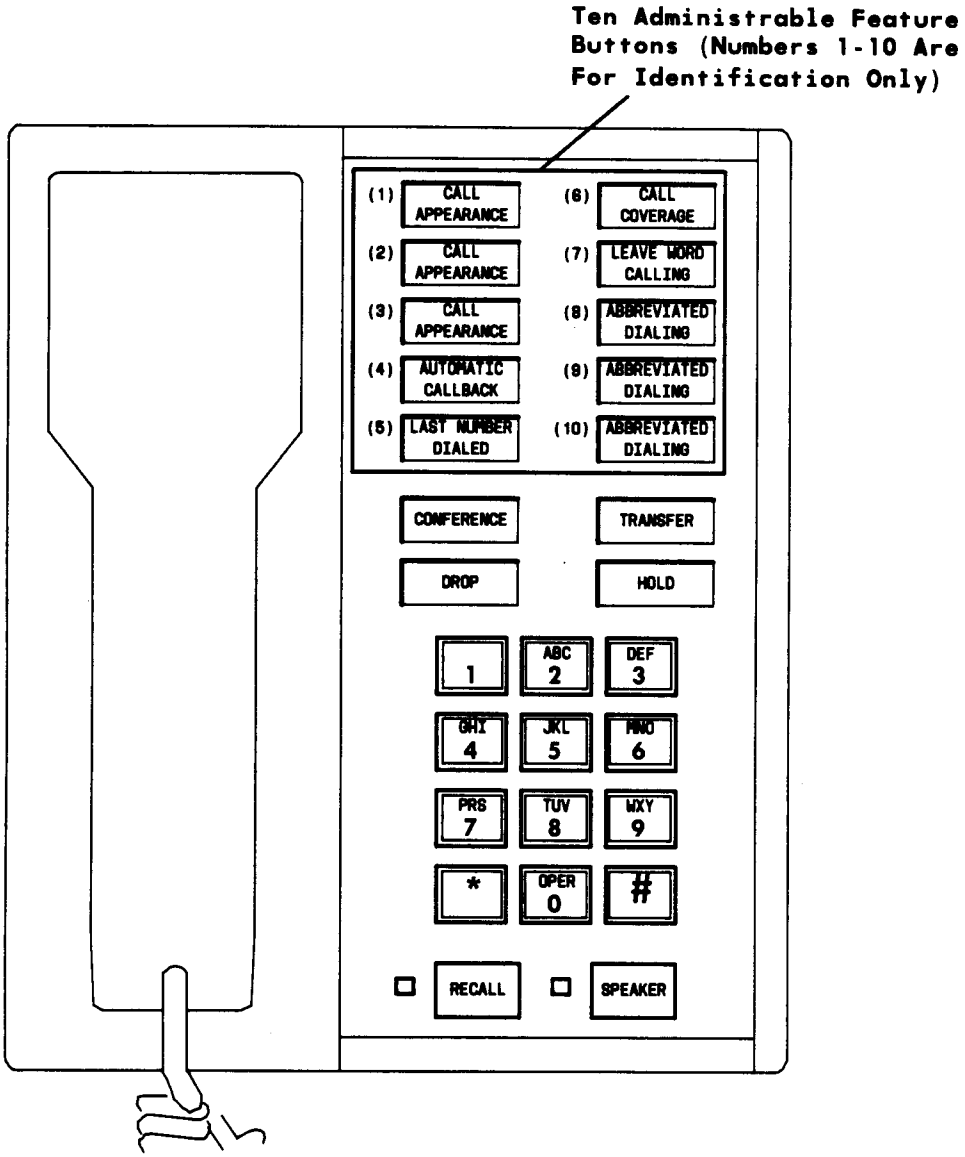

Figure 6-20. 7303S Voice Terminal

7305S Voice Terminal

Purpose

This form is used to implement a 7305S multi-appearance voice terminal.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7305S has been preprinted.**
- **Lock Messages—Enter “y” to restrict other users from reading or canceling the voice terminal messages; otherwise, enter “n. ”**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AU DIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "y" if audix was entered for LWC Reception.

- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance

Preference is set and the user is connected to the ringing call appearance.

- Bridged Call Alerting—Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.
- Personalized Ringing Pattern-Enter a Personalized Ringing Pattern from 1 to 8 as follows:

Ring Pattern	Tone Sequence
1	MMM
2	HHH
3	LLL
4	LHH
5	HHL
6	HLL
7	HLH
8	LHL

L = 530 Hz, M = 750 Hz, and H = 1060 Hz

- List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.
- Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".
- BUTTON ASSIGNMENTS

The features and functions that can be assigned to the 7305S voice terminal administrable buttons are shown in Table 6-U. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

Figure 6-21 shows the 7305S voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.

```
                                                          Page 1 of 2

                                    STATION

Extension: ____

     Type: 7305S            Lock Messages: n       COR: 1   Room: _______

     Port: _____________    Security Code: ____    COS: 1   Jack: _______

     Name: _____________    Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n            Coverage Msg Retrieval? y

       LWC Activation? y   Auto Answer? n                  Data Restriction? n

Redirect Notification? y                      Idle Appearance Preference? n

Bridged Call Alerting? n                      Personalized Ringing Pattern? _

                                             Restrict Last Appearance? y

ABBREVIATED DIALING

     List1: ________          List2: ________          List3: ________

BUTTON ASSIGNMENTS

  1: call-appr                    6: _________

  2: call-appr                    7: _________

  3: call-appr                    8: _________

  4: _________                    9: _________

  5: _________                   10: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

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STATION

FEATURE BUTTON ASSIGNMENTS

1:	_____	13:	_____
2:	_____	14:	_____
3:	_____	15:	_____
4:	_____	16:	_____
5:	_____	17:	_____
6:	_____	18:	_____
7:	_____	19:	_____
8:	_____	20:	_____
9:	_____	21:	_____
10:	_____	22:	_____
11:	_____	23:	_____
12:	_____	24:	_____

Table 6-U. Voice Terminal Button Assignments for 7305S

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (List:____ DC:____)	N	1
	AD Mark	abr-spchar (Char:^m)	N	
	AD Paus	abr-spchar (Char:^p)	N	
	AD Prog	abr-prog	1	
	AD Sups	abr-spchar (Char:^s)	N	
	AD Wait	abr-spchar (Char:^w)	N	
Agent Call Handling	After Call Work	after-call (Grp.___)	1 per split group	2
	Assist	assist (Grp. ___)	1 per split group	2
	Auto In	auto-in (Grp. ___)	1 per split group	2
	Auxiliary Work	aux-work (Grp.___)	1 per split group	2
	Manual-In	manual-in (Grp.___)	1 per split group	2
	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-U. Voice Terminal Button Assignments for 7305S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Automatic Callback	Auto Call Back	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	10	
Call Coverage	Cons	consult	1	
Call Coverage	Covr Call Back	cov-cback	1	
Call Coverage	Send Trm (Grp:____)	send-term (Grp:____)	N	
Call Coverage	Go To Covr	goto-cover	1	
Call Coverage	Send All Calls	send-calls	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pick Up	call-pkup	1	

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

Table 6-U. Voice Terminal Button Assignments for 7305S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Centralized Attendant Service Backup	CAS Back Up	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (Ext #)	data-ext (Ext:____)	N	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
Facility Busy Indication	Busy (Ext #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Intercom-Automatic	Auto Icom (Ext #)	auto-icom (Grp:____) (DC:____)	N	4
Intercom-Dial	Dial Icom	dial-icom (Grp:____)	N	5
Last Number Dialed	Last Numb Dial	last-numb	1	

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-U. Voice Terminal Button Assignments for 7305S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	Cncl LWC	lwc-cancel	1	
Leave Word Calling	LWC	lwc-store	1	
Leave Word Calling	Msg (name or Ext #)	aut-msg-wt (Ext:____)	N	6
Link Failure	Link Failure (Link No.___)	link-alarm (Link #___)	1 to 4 per voice terminal	7
Manual Signaling	Man Sgnl (name or Ext #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or Ext #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. ___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-U. Voice Terminal Button Assignments for 7305S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Personal Central Office Line Groups	Line (NXX-) (XXXX)	per-COline (Grp:____)	N	11
Priority Calling	Prior Call	priority	N	
Privacy-Manual Exclusion	Excl	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-U. Voice Terminal Button Assignments for 7305S (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Service Observing†	Service Observing	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert		
Terminating Extension Group	Term Grp (name or Ext #)	term-x-gr (Grp:____)	N	13
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Covr (group #, type, name, or Ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-U. Voice Terminal Button Assignments for 7305S (Contd)

Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	DC:	Dial codes of destination number.
2.	Grp:	The split group number for ACD (1 to 32), 0 to 60 on the list.
3.	TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
4.	Grp:	Dial Icom group number (1 to 32). This extension and destination extension number must be in the same group.
5.	Grp:	Dial icom group number (1 to 32).
6.	Ext:	Extension number of principal.
7.	Link:	Link number (1 to 4).
8.	Ext:	The destination extension.
9.	Grp:	Hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10.	Grp:	Trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11.	Grp:	Central Office line group number (1 to 40).
12.	Ext:	Extension number of hunt group.
13.	Grp:	Terminating Extension Group Number (1 to 32).
14.	Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
	Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

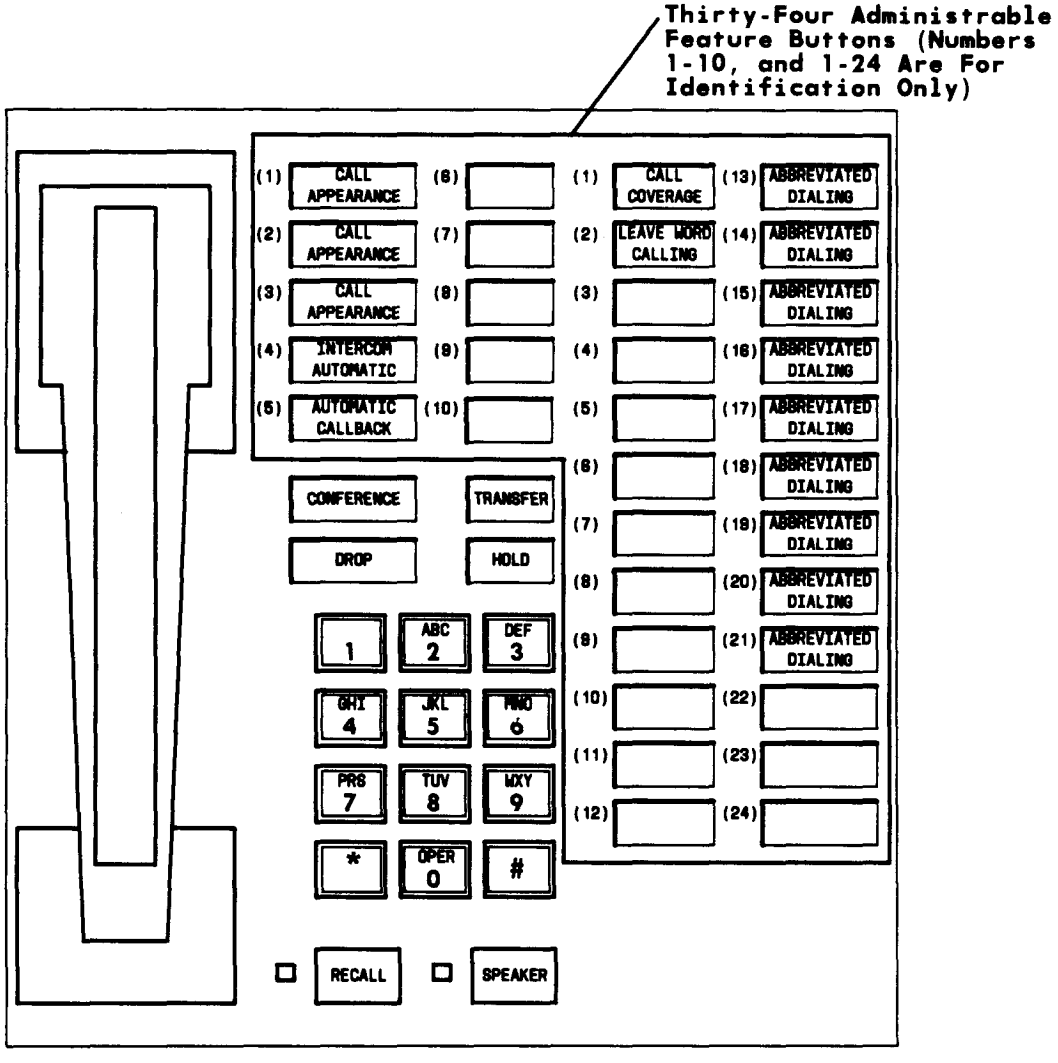


Figure 6-21. 7305S Voice Terminal

7309H Voice Terminal

Purpose

This form is used to implement a 7309H multi-appearance voice terminal.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7309H has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number from 0 through 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable-Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AU DIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in this voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation-Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "n" if this feature is not desired. Enter "y" if audix was entered for LWC Reception.

- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance

Preference is set and the user is connected to the ringing call appearance.

- Bridged Call Alerting—Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.
- Personalized Ringing Pattern—Enter a Personalized Ringing Pattern from 1 to 8 as follows:

Ring Pattern	Tone Sequence
1	MMM
2	HHH
3	LLL
4	LHH
5	HHL
6	HLL
7	HLH
8	LHL

L = 530 Hz, M = 750 Hz, and H = 1060 Hz

- List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.
- Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".
- BUTTON ASSIGNMENTS

  The features and functions that can be assigned to the 7309H voice terminal administrable buttons are shown in Table 6-V. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

  Figure 6-22 shows the 7309H voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.

```
                                                          Page 1 of 1

                                    STATION

Extension: ____

     Type: 7309H          Lock Messages: n       COR: 1   Room: _______

     Port: _____________  Security Code: ____    COS: 1   Jack: _______

     Name: _____________  Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

      LWC Activation? y  Auto Answer? n                    Data Restriction? n

Redirect Notification? y                      Idle Appearance Preference? n

Bridged Call Alerting? n                    Personalized Ringing Pattern? _

                                                  Restrict Last Appearance? __


ABBREVIATED DIALING

     List1: ________          List2: ________          List3: ________

BUTTON ASSIGNMENTS

  1: call-appr                        6: _________

  2: call-appr                        7: _________

  3: call-appr                        8: _________

  4: _________                        9: _________

  5: _________                       10: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

Table 6-V. Voice Terminal Button Assignments for 7309H

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (List:____ DC:____)	N	1
	AD Mark	abr-spchar (Char:^m)	N	
	AD Paus	abr-spchar (Char:^p)	N	
	AD Prog	abr-prog	1	
	AD Sups	abr-spchar (Char:^s)	N	
	AD Wait	abr-spchar (Char:^w)	N	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	1 per split group	2
	Assist	assist (Grp. No:___)	1 per split group	2
	Auto In	auto-in (Grp. No.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	2
	Manual-In	manual-in (Grp. No.___)	1 per split group	2
	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-V. Voice Terminal Button Assignments for 7309H (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Automatic Callback	Auto Call Back	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	10	
Call Coverage	Cons	consult	1	
Call Coverage	Covr Call Back	cov-cback	1	
Call Coverage	Send Trm (Grp:____)	send-term (Grp:____)	N	
Call Coverage	Go To Covr	goto-cover	1	
Call Coverage	Send All Calls	send-calls	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pick Up	call-pkup	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

Table 6-V. Voice Terminal Button Assignments for 7309H (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Centralized Attendant Service Backup	CAS Backup	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (Ext #)	data-ext (Ext:____)	N	
Do Not Disturb	Do Not Disturb	dn-dst	1 per system	
Facility Busy Indication	Busy (Ext #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	Pms Failure	pms-alrm	1 per system	
Intercom-Automatic	Auto Icom (Ext #)	auto-icom (Grp:____) (DC:____)	N	4
Intercom-Dial	Dial Icom	dial-icom (Grp:____)	N	5
Last Number Dialed	Last Numb Dial	last-numb	1	

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-V. Voice Terminal Button Assignments for 7309H (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	Cncl LWC	lwc-cancel	1	
Leave Word Calling	LWC	lwc-store	1	
Leave Word Calling	Msg (name or Ext #)	aut-msg-wt (Ext:____)	N	6
Link Failure	Link Failure (Link No.___)	link-alarm (Link #___)	1 to 4 per voice terminal	7
Manual Signaling	Man Sgnl (name or Ext #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or Ext #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. ___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-V. Voice Terminal Button Assignments for 7309H (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Personal Central Office Line Groups	Line (NXX-) (XXXX)	per-COline (Grp:____)	N	11
Priority Calling	Prior Call	priority	N	
Privacy-Manual Exclusion	Excl	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-V. Voice Terminal Button Assignments for 7309H (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Service Observing†	Service Observing	serv-obsrv	1	
Terminating Extension Group	Term Grp (name or Ext #)	term-x-gr (Grp:____)	N	13
UCD/DDC/Intraflow Call Coverage (Answer Group)	Covr (group #, type, name, or Ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-V. Voice Terminal Button Assignments for 7309H (Contd)

Notes:

1. List:	List number 1 to 3 where the destination number is stored.
DC:	Dial codes of destination number, 0 to 60 on the list.
2. Grp:	The split group number for ACD (1 to 32).
3. TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
4. Grp:	Dial Icom group number (1 to 32). This extension and destination extension number must be in the same group.
5. Grp:	Dial Icom group number (1 to 32).
6. Ext:	Extension number of principal.
7. Link:	Link number (1 to 4).
8. Ext:	The destination extension.
9. Grp:	Hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10. Grp:	Trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11. Grp:	Central Office line group number (1 to 40).
12. Ext:	Extension number of hunt group.
13. Grp:	Terminating Extension Group Number (1 to 32).
14. Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

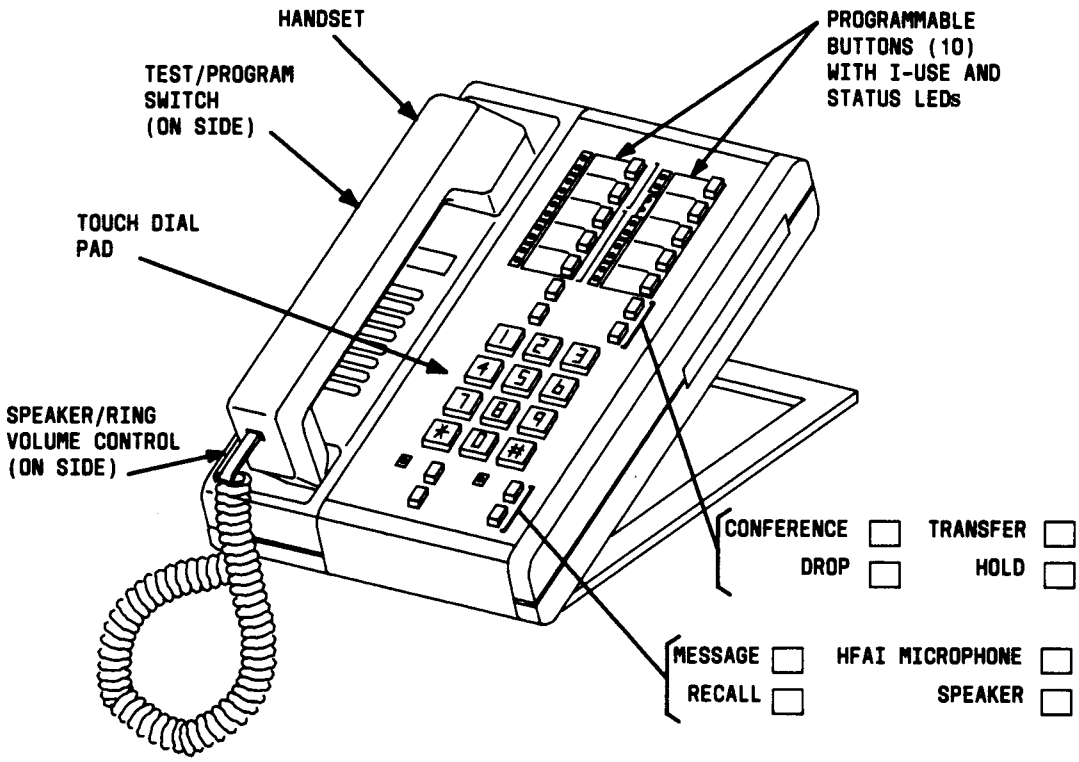


Figure 6-22. 7309H Voice Terminal

7401 D Voice Terminal

Purpose

This form is used to implement a 7401 D voice terminal. The 7403D voice terminal screen form is used to implement a 7401 D voice terminal.

Instructions

Make assignments as required for the following fields:

- **Extension —Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7403D has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a Class of Restriction number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier; the second two digits identify the slot number in the carrier (01 to 20); (V3) (01 to 18) (System 75 XE) the last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired Class of Service number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to 15 characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.
- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.
- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.
- Headset—Enter "n," the 7401D cannot have a headset.
- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.
- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users.
- Auto Answer—Enter "n."
- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.
- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage).
- Idle Appearance Preference—Enter "n" to be consistent with Automatic Line Management.
- Bridged Call Alerting—Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.
- Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".

- **701A Data Module—Enter "n." The 7401 D cannot have a data module.**
- **List1:, List2, List3—Enter "p" for personal, "s" for system, "g" for group or "e" for enhanced. If "p" or "g" is entered, a group number is also required.**
- **BUTTON ASSIGNMENTS**

  BUITTON ASSIGNMENTS 3 through 9 are used to assign features to dialpad keys 1 through 7 (BUTTON ASSIGNMENT 3 corresponds to dialpad key 1, BUTTON ASSIGNMENT 4 corresponds to dialpad key 2, etc.). The call-appr buttons defaulted in BUTTON ASSIGNMENTS 1 and 2 must remain in these fields to satisfy the requirements for the 7403D screen form. The space in the voice terminal screen form for BUTTON ASSIGNMENT 10 must be left blank because the 7401D has no button corresponding to this space.

  The features and functions than can be assigned to the 7401D voice terminal administrable buttons are shown in Table 6-W. The table shows the function name, the suggested button label for the function, the abbreviated name of the function, and the maximum allowed number of functions that can be assigned to the voice terminal. The abbreviated name must be entered in the button field on the form.

  Figure 6-23 shows the 7401D voice terminal button number assignments to the button numbers on the Voice Terminal Form.

Page 1 of 1

STATION

Extension: ____

Type: 7403D Lock Messages: n COR: 1 Room: _____

Port: _____ Security Code: ____ COS: 1 Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? ap-spe Headset? n Coverage Msg Retrieval? y

LWC Activation? y Auto Answer? n Data Restriction? n

Redirect Notification? y Idle Appearance Preference? n

Bridged Call Alerting? n Restrict Last Appearance? y

701A Data Module? n

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: call-appr 6: _____

2: call-appr 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

Implementation Note:

Leave call-appr in BUTTON ASSIGNMENTS 1 and 2. Make no entries in BUTTON ASSIGNMENT 10.

Table 6-W. Voice Terminal Button Assignments for 7401D

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (list:____ DC:____)	N	1
	AbrvDial Mark	abr-spchar (Char:~m)	N	
	AbrvDial Pause	abr-spchar (Char:~p)	N	
	AbrvDial Program	abr-prog	1	
	AbrvDial Suppress	abr-spchar (Char:~s)	N	
	AbrvDial Wait	abr-spchar (Char:~w)	N	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	N	2
	Assist	assist (Grp. No:___)	1 per split group	2
	Auto In	auto-in (Grp. No.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	2
	Manual-In	manual-in (Grp. No.___)	1 per split group	2
	Release	release	1	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-W. Voice Terminal Button Assignments for 7401D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
AP Demand Print	Print Msgs	print-msgs	1	
Automatic Callback	Auto Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Busy Verification	Verify	verify	1	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send All Calls-TEG	send-term (Grp:____)	N	
	Go to Cover	goto-cover	1	
	Send All Calls	send-calls	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service	CAS-Backup	1		
	Flash	flash	1	

***N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-W. Voice Terminal Button Assignments for 7401D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
Intercom-Automatic	Autolcom (name or extension #)	auto-icom Grp:____ DC:____)	N	4
Intercom-Dial	Diallcom	dial-icom (Grp:____)	N	5
Last Number Dialed	LastNumb Dialed	last-numb	1	
Leave Word Calling	LWC	lwc-store	1	
	Cancel LWC	lwc-cancel	1	
Link Failure	Link Failure (Link No.___)	link-alarm (Link No.___)	1 to 4 per voice terminal	6

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-W. Voice Terminal Button Assignments for 7401D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Manual Signaling	Signal (name or extension #)	signal (Ext:____)	N	
Priority Calling	Prior Call	priority	1	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing	Service Observe	serv-obsrv	1	
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:____)	N	7

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes on next page.)

Table 6-W. Voice Terminal Button Assignments for 7401D (Contd)

Notes:

1. List: List number 1 to 3 where the destination number is stored.

   Dc: Dial codes of destination number.

2. Grp: The split group number for ACD (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number from 1 to 5.

3. TAC/ Ext: Trunk or extension number of voice terminal to be monitored.

4. Grp: Dial icom group number (1 to 32). This extension and destination extension number must be in the same group.

5. Grp: Dial icom group number (1 to 32).

6. Link: Link number (1 to 4).

7. Grp: Terminating Extension Group Number (1 to 32).

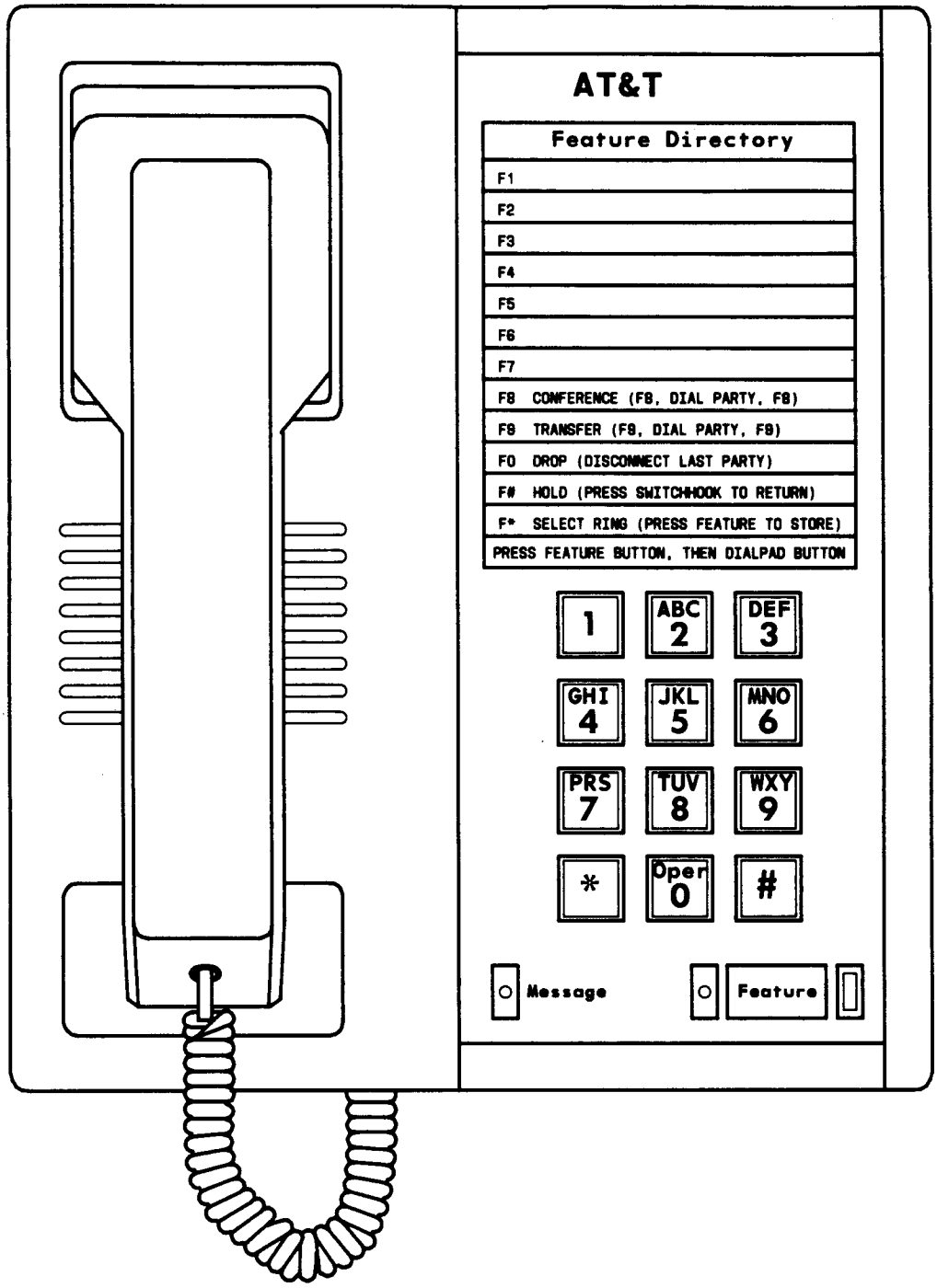


Figure 6-23. 7401D Voice Terminal

7403D Voice Terminal

Purpose

This form is used to implement a 7403D multi-appearance voice terminal. Do not complete this form if the voice terminal is connected to a personal computer. Complete the Station-PC Voice Terminal (PC/PBX Connection) form.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7403D has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n."**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.
- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.
- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.
- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."
- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.
- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users.
- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.
- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.
- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage).
- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance Preference is set and the user is connected to the ringing call appearance.

- **Bridged Call Alerting—Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.**
- **Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".**
- **701A Data Module—Enter "y" so the voice terminal can have a Digital Terminal Data Module (DTDM). If a DTDM is assigned, the Data Module Form (page 2) must be completed and attached to the voice terminal form. Enter "n" if a DTDM is not desired.**
- **List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group or "e" for enhanced. If "p" or "g" is entered, a group number is also required.**
- **BUTTON ASSIGNMENTS**

  The features and functions that can be assigned to the 7403D voice terminal administrable buttons are shown in Table 6-X. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

  Figure 6-24 shows the 7403D voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance buttons.

These instructions are used for the data module for the 7403D. These instructions must be completed if "y" was entered in the "701A Data Module" field.

- **Data Extension—Enter the extension number assigned to the data module. A data extension can be a 1- to 5-digit number. The digits assigned must agree with the Dial Plan Record.**
- **Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.**
- **COR—Enter the desired class of restriction (COR) number from 0 to 63 that reflects the desired restriction.**
- **COS—Enter the desired class of service (COS) number from 0 to 15.**
- **List1:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.**
- **Abbreviated Dialing List Number (From above list)—Enter a number from 0 to 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.**
- **Ext—Make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.**

- **Name—Enter the name assigned to this extension number.**

```
                                                        Page 1 of 2

                                    STATION

Extension: ____

     Type: 7403D            Lock Messages: n      COR: 1   Room: _______

     Port: _____________    Security Code: ____   COS: 1   Jack: _______

     Name: _____________    Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

       LWC Activation? y   Auto Answer? n                 Data Restriction? n

Redirect Notification? y                      Idle Appearance Preference? n

Bridged Call Alerting? n                        Restrict Last Appearance? y

     701A Data Module? n

ABBREVIATED DIALING
     List1: _________          List2: _________          List3: _________

BUTTON ASSIGNMENTS

  1: call-appr                      6: _________

  2: call-appr                      7: _________

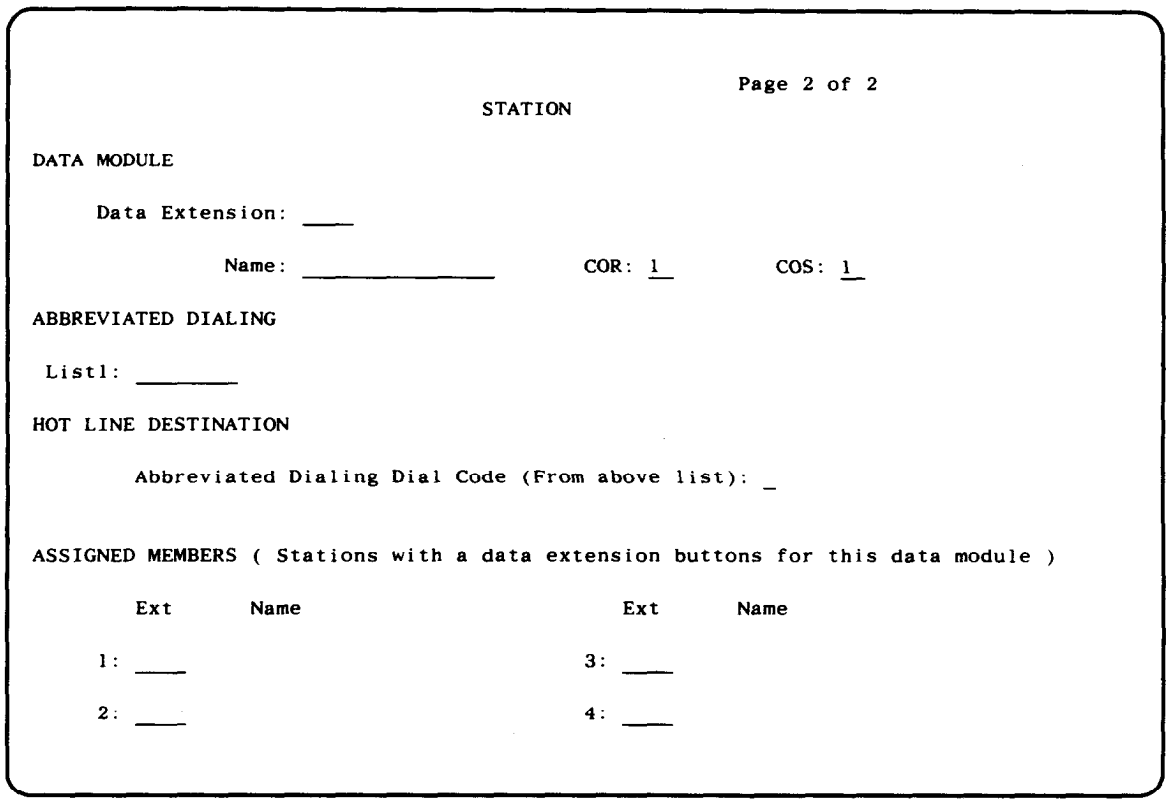
  3: call-appr                      8: _________

  4: _________                      9: _________

  5: _________                     10: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)



```
                                                    Page 2 of 2
                                STATION

DATA MODULE

     Data Extension: ____

               Name: ________________        COR: 1_        COS: 1_

ABBREVIATED DIALING

 List1: ________

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                          Ext      Name

     1: ____                                3: ____

     2: ____                                4: ____
```

Implementation Note:

This page only appears when the 710A Data Module field is answered "y" on page 1.

Table 6-X. Voice Terminal Button Assignments for 7403D

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (list:____ DC:____)	N	1
	AbrvDial Mark	abr-spchar (Char:~m)	N	
	AbrvDial Pause	abr-spchar (Char:~p)	N	
	AbrvDial Program	abr-prog	1	
	AbrvDial Suppress	abr-spchar (Char:~s)	N	
	AbrvDial Wait	abr-spchar (Char:~w)	N	
Agent Call Handling	After Call Work	after-call (Grp. ___)	N	2
	Assist	assist (Grp. ___)	1 per split group	2
	Auto In	auto-in (Grp. ___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. ___)	1 per split group	2
	Manual-In	manual-in (Grp. ___)	1 per split group	2
	Release	release	1	
AP Demand Print	Print Msgs	print-msgs	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-X. Voice Terminal Button Assignments for 7403D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Automatic Callback	Auto Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	10	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send All Calls-TEG	send-term (Grp:____)	N	
	Go to Cover	goto-cover	1	
	Send All Calls	send-calls	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1	
	Flash	flash	1	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

Table 6-X. Voice Terminal Button Assignments for 7403D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Data Call Setup	Data (data extension #)	data-ext (Ext:____)	N	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Intercom-Automatic	Autolcom (name or extension #)	auto-icom (Grp:__DC:__)	N	4
Intercom-Dial	Diallcom	dial-icom (Grp:____)	N	5
Last Number Dialed	LastNumb Dialed	last-numb	1	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-X. Voice Terminal Button Assignments for 7403D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	LWC	lwc-store	1	
	Cancel LWC	lwc-cancel	1	
Leave Word Calling (Remote Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:____)	N	6
Link Failure	Link Failure (Link No.__)	link-alarm (Link #__)	1 to 4 per voice terminal	7
Manual Signaling	Signal (name or extension #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or extension #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. __)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. __)	3 per trunk group	10
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:____)	N	11

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-X. Voice Terminal Button Assignments for 7403D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Priority Calling	Prior Call	priority	1	
Privacy—Manual Exclusion	Exclusn	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observe	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert	1	
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:____)	N	13

*** N = any number of buttons on the module can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes at end of table.)

Table 6-X. Voice Terminal Button Assignments for 7403D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:____ Grp:____)	N	14

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes on next page.)

Table 6-X. Voice Terminal Button Assignments for 7403D (Contd)

Notes:

1. List:	List number 1 to 3 where the destination number is stored.
DC:	Dial codes of destination number,
2. Grp:	The split group number for ACD (1 to 32).
3. TAC / Ext:	Trunk or extension number of voice terminal to be monitored.
4. Grp:	Dial icom group number (1 to 32). This extension and destination extension number must be in the same group.
5. Grp:	Dial icom group number (1 to 32).
6. Ext:	Extension number of principal.
7. Link:	A link number (1 to 4).
8. Ext:	The destination extension.
9. Grp:	A hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10. Grp:	A trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11. Grp:	Central Office line group number (1 to 40).
12. Ext:	Extension number of hunt group.
13. Grp:	Terminating Extension Group Number (1 to 32).
14. Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

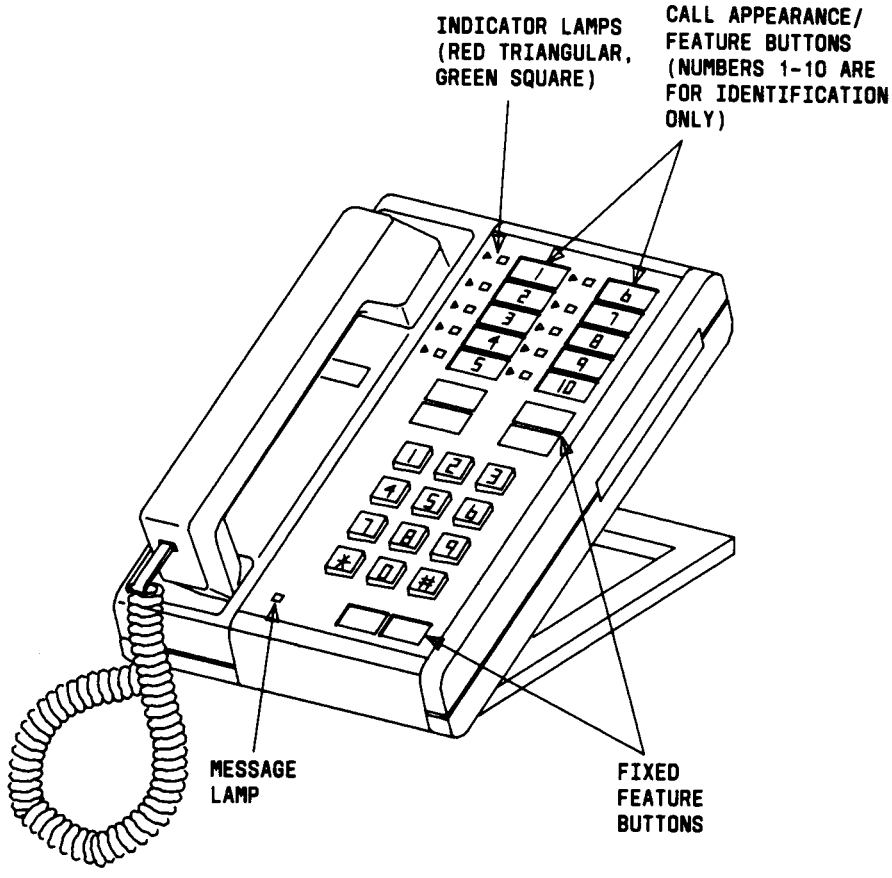


Figure 6-24. 7403D Voice Terminal

7404D Voice Terminal

Purpose

This form is used to implement a 7404D multi-appearance voice terminal. Do not complete this form if the voice terminal is connected to a personal computer. Complete the Station-PC Voice Terminal (PC/PBX Connection) form.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7404D has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number from 0 through 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.
- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.
- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.
- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."
- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.
- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.
- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.
- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.
- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "y" if audix was entered for LWC Reception.
- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance

Preference is set and the user is connected to the ringing call appearance.

- Bridged Call Alerting-Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.
- Personalized Ringing Pattern—Enter a Personalized Ringing Pattern, 1 through 8, as follows:

Ring Pattern	Tone Sequence
1	MMM
2	HHH
3	LLL
4	LHH
5	HHL
6	HLL
7	HLH
8	LHL

L = 530 Hz, M = 750 Hz, and H = 1060 Hz

- Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".
- Display Cartridge—Enter "y" so the voice terminal can have a Display Cartridge. Enter "n" if a Display Cartridge is not desired.
- List1:, List2:, List3:-Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "p" or "g" is entered, a group number is also required.

BUTTON ASSIGNMENTS

The features and functions that can be assigned to the 7404D voice terminal administrable buttons are shown in Table 6-V. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

Figure 6-25 shows the 7404D voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.

- Data Extension—Enter the extension number assigned to the data module. A data extension can be a 1- to 5-digit number. The digits assigned must agree with the Dial Plan Record.
- Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.
- COR—Enter the desired class of restriction (COR) number from 0 through 63.

- **COS—Enter the desired class of service (COS) number from 0 through 15.**
- **List1:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" is entered, a group number is also required.**
- **Abbreviated Dialing List Number (From above list)—Enter a number from 0 to 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.**
- **Ext—make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.**
- **Name—Enter the name assigned to this extension number.**

```
                                                        Page 1 of 3

                                    STATION

Extension: ____

     Type: 7404D          Lock Messages: n      COR: 1   Room: _______

     Port: _____________  Security Code: ____   COS: 1   Jack: _______

     Name: _____________  Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

      LWC Activation? y  Auto Answer? n                  Data Restriction? n

Redirect Notification? y                  Idle Appearance Preference? n

Bridged Call Alerting? n                  Personalized Ringing Pattern? 1

   Display Cartridge? n                     Restrict Last Appearance? y

ABBREVIATED DIALING

     List1: ________        List2: _________        List3: _________

BUTTON ASSIGNMENTS

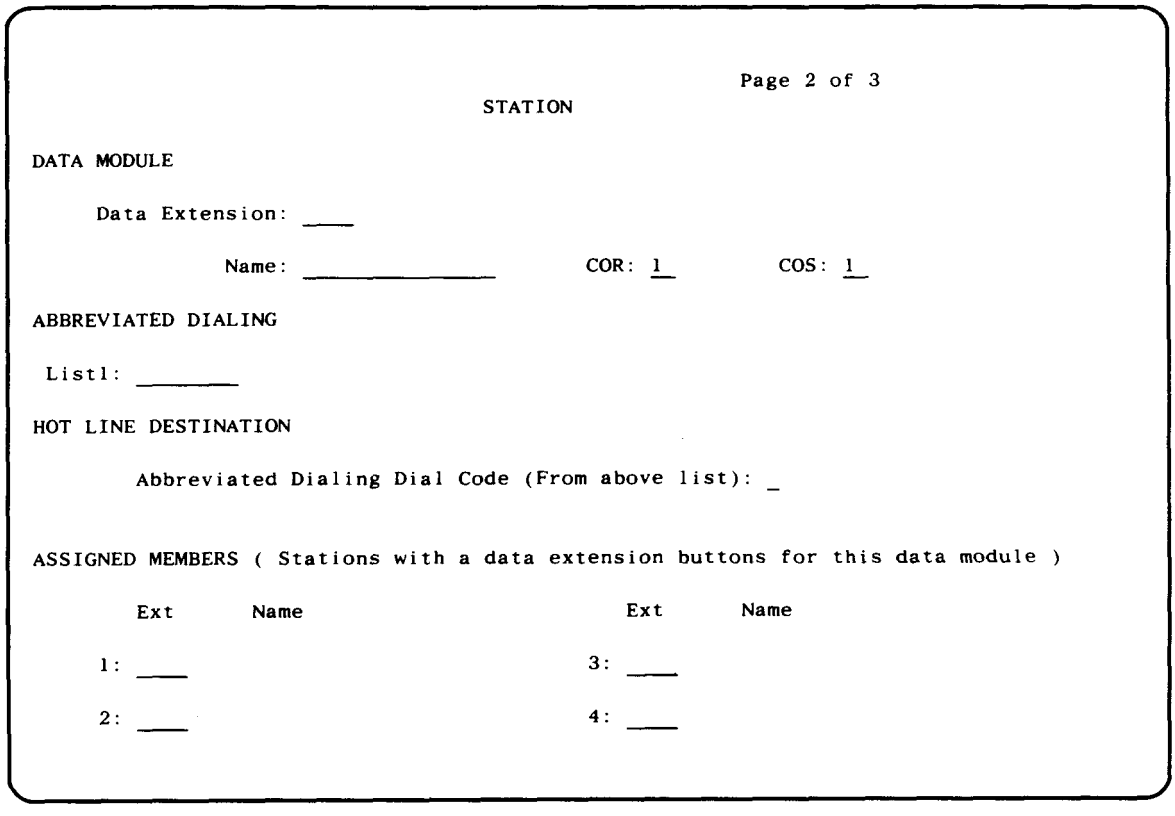
  1: call-appr                    4: _________

  2: call-appr                    5: _________

  3: call-appr                    6: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)



```
                                                    Page 2 of 3
                                  STATION

DATA MODULE

     Data Extension: ____

               Name: ________________        COR: 1        COS: 1

ABBREVIATED DIALING

 List1: ________

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _


ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                          Ext      Name

     1: ____                                3: ____

     2: ____                                4: ____
```

Implementation Note:

This form becomes page 3 of 3 when Display Cartridge is set to y. This form becomes page 2 of 3 when Display Cartridge is set to n.

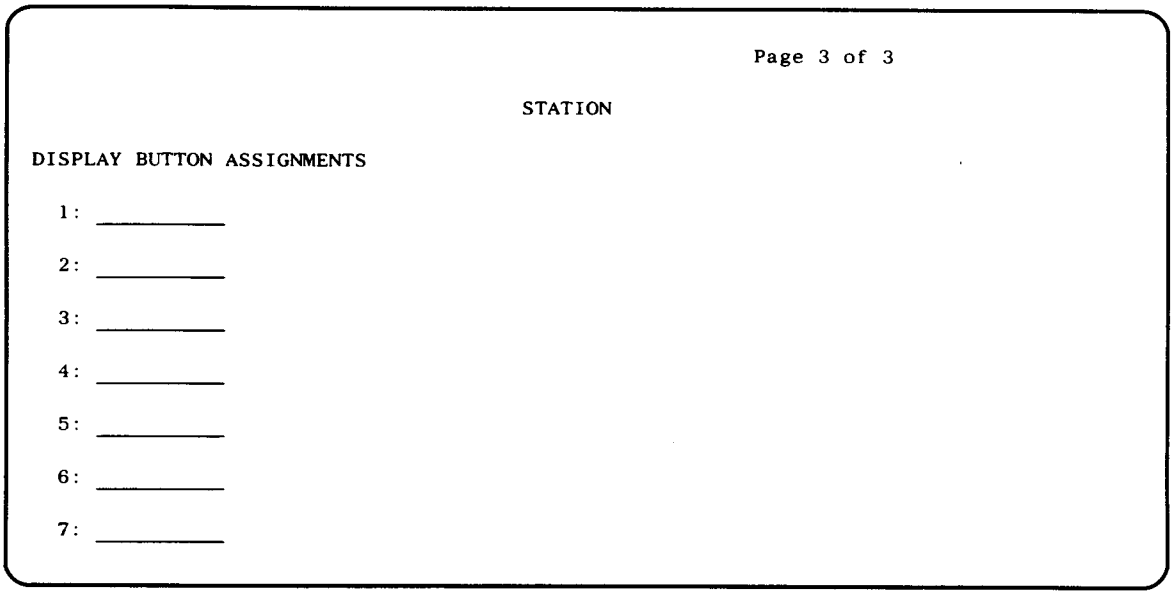

Page 3 of 3
STATION
DISPLAY BUTTON ASSIGNMENTS
1:
2:
3:
4:
5:
6:
7:

Table 6-Y. Voice Terminal Button Assignments for 74040

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (list:____ DC:____)	N	1
	AbrvDial Mark	abr-spchar (Char:~m)	N	
	AbrvDial Pause	abr-spchar (Char:~p)	N	
	AbrvDial Program	abr-prog	1	
	AbrvDial Suppress	abr-spchar (Char:~s)	N	
	AbrvDial Wait	abr-spchar (Char:~w)	N	
Abbreviated Dialing/ Digital Display	Stored Number	stored-num	1	
Agent Call Handling	After Call Work	after-call (Grp.__)	N	2
	Assist	assist (Grp.__)	1 per split group	2
	Auto In	auto-in (Grp.__)	1 per split group	2
	Auxiliary Work	aux-work (Grp.__)	1 per split group	2
	Manual-In	manual-in (Grp.__)	1 per split group	2
	Release	release	1	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-Y. Voice Terminal Button Assignments for 7404D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
AP Demand Print	Print Msgs	print-msgs	1	
Auto Wakeup	Auto Wakeup	auto-wkup	1 per split group	
Automatic Callback	Auto Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	6	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send All Calls-TEG	send-term (Grp:____)	N	
	Go to Cover	goto-cover	1	
	Send All Calls	send-calls	1	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

Table 6-Y. Voice Terminal Button Assignments for 7404D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	
Centralized Attendant Service	CAS-Backup	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (data extension #)	data-ext (Ext:____)	N	
Date and Time/ Digital Display	Date Time	date-time	1	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
	Do Not Disturb Ext	ext-dn-dst	1 per station	
	Do Not Disturb Grp	grp-dn-dst	1 per station	
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:____)	N	3

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-Y. Voice Terminal Button Assignments for 7404D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Inspect/ Digital Display	Inspect Mode	inspect	1	
Integrated Directory	Integrtd Directry	directory	1	
Intercom-Automatic	AutoIcom (name or extension #)	auto-icom Grp:____ DC:____)	N	4
Intercom-Dial	DialIcom	dial-icom (Grp:____)	N	5
Last Number Dialed	LastNumb Dialed	last-numb	1	
Leave Word Calling	LWC	lwc-store	1	
	Cancel LWC	lwc-cancel	1	
Leave Word Calling (Remote Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:____)	N	6

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-Y. Voice Terminal Button Assignments for 7404D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Link Failure	Link Failure (Link No.___)	link-alarm (Link #___)	1 to 4 per voice terminal	7
Manual Signaling	Signal (name or extension #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or extension #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. ___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10
Normal Mode/ Digital Display	Normal Mode	normal	1	
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:____)	N	11

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-Y. Voice Terminal Button Assignments for 7404D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
PMS Interface	Check-In	check-in	1 per system	
	Check-Out	check-out	1 per system	
	Message Waiting Act.	mwn-act	1 per system	
	Message Waiting Deact.	mwn-deact	1 per system	
Priority Calling	Prior Call	priority	1	
Privacy—Manual Exclusion	Exclusn	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-Y. Voice Terminal Button Assignments for 7404D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Service Observing†	Service Observing	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert	1	
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:____)	N	13
Trunk Group Name/ Digital Display	Trunk Name	trunk-name	1	
Trunk Identification	Trunk-ID	trk-id	1	
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-Y. Voice Terminal Button Assignments for 7404D (Contd)

Notes:

1. List:	List number 1 to 3 where the destination number is stored.
DC:	Dial codes of destination number.
2. Grp:	The split group number for ACD (1 to 32).
3. TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
4. Grp:	Dial icom group number (1 to 32). This extension and destination extension number must be in the same group.
5. Grp:	Dial icom group number (1 to 32).
6. Ext:	Extension number of principal.
7. Link:	A link number (1 to 4).
8. Ext:	The destination extension.
9. Grp:	A hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10. Grp:	A trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11. Grp:	Central Office line group number (1 to 40).
12. Ext:	Extension number of hunt group.
13. Grp:	Terminating Extension Group Number (1 to 32).
14. Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

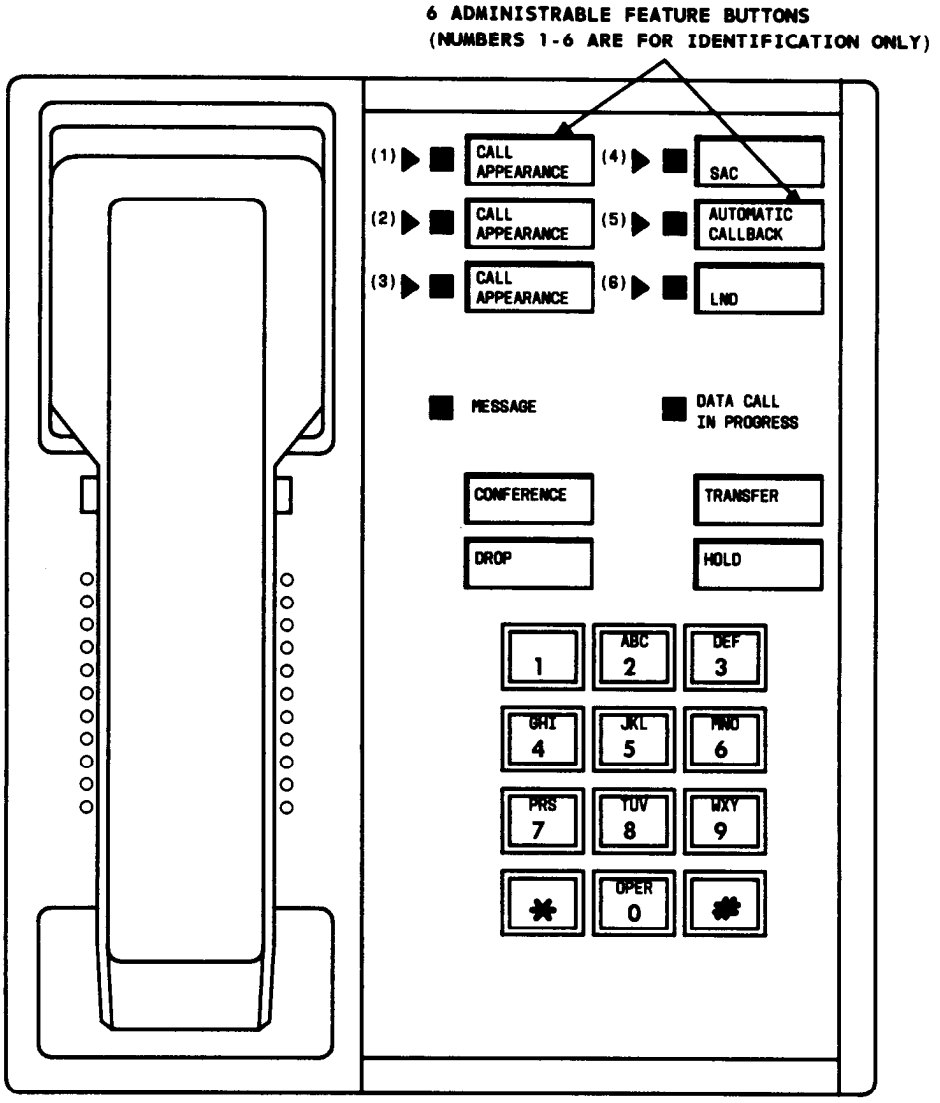


Figure 6-25. 7404D Voice Terminal

7405D Voice Terminal

Purpose

This form is used to implement a 7405D multi-appearance voice terminal. Do not complete this form if the voice terminal is connected to a personal computer. Complete the Station-PC Voice Terminal (PC/PBX Connection) form.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7405D has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls. Enter "y" if audix was entered for LWC Reception.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage). Enter "y" if audix was entered for LWC Reception.

- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance

Preference is set and the user is connected to the ringing call appearance.

- Bridged Call Alerting—Enter "y" to allow incoming calls on bridged appearances to audible alert at this voice terminal.
- 701A Data Module—Enter "y" so the voice terminal can have a Digital Terminal Data Module (DTDM). If a DTDM is assigned, the Data Module Form (page 2) must be completed and attached to the voice terminal form. Enter "n" if a DTDM is not desired.
- Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".
- F401A Feature Module—Enter "y" so the voice terminal can have a Feature Module. If a feature module is assigned, the Feature Module Form must be completed and attached to the voice terminal form. Feature and Data Modules cannot be assigned to the same voice terminal. Enter "n" if a Feature Module is not desired.
- D401A Display Module—Enter "y" so the voice terminal can have a Display Module. If a Display Module is assigned, the Display Module Form must be completed and attached to the voice terminal form. Enter "n" if a Display Module is not desired.
- C401A Coverage Module—Enter "y" so the voice terminal can have a Coverage Module. If a Coverage Module is assigned, the Call Coverage Module Form must be completed and attached to the voice terminal form. The voice terminal cannot have a Coverage and Display Module at the same time. Enter "n" if a Coverage Module is not desired.
- List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "p" or "g" is entered, a group number is also required.

- BUTTON ASSIGNMENTS

  The features and functions that can be assigned to the 7405D voice terminal administrable buttons are shown in Table 6-Z. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

  Figure 6-26 shows the 7405D voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.

These instructions are used for the data module for the 7405D. These instructions must be completed if "y" was entered in the "701A Data Module" field.

- Data Extension—Enter the extension number assigned to the data module. A data extension can be a 1- to 5-digit number. The digits assigned must agree with the Dial Plan Record.

- **Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.**
- **COR—Enter the desired class of restriction (COR) number from 0 through 63.**
- **COS—Enter the desired class of service (COS) number from 0 through 15.**
- **List1:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required. This allows the module to have up to three abbreviated dialing lists.**
- **Abbreviated Dialing List Number (From above list)—Enter a number from 0 to 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.**
- **Ext—Make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.**
- **Name—Enter the name assigned to this extension number.**

```
                                                          Page 1 of 3

                                    STATION

Extension: ____

     Type: 7405D            Lock Messages: n       COR: 1   Room: _______

     Port: _______________  Security Code: ____    COS: 1   Jack: _______

     Name: _______________  Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n              Coverage Msg Retrieval? y

       LWC Activation? y   Auto Answer? n                      Data Restriction? n

Redirect Notification? y                        Idle Appearance Preference? n

Bridged Call Alerting? n                        Restrict Last Appearance? y

     701A Data Module? y                           F401A Feature Module? n

 D401A Display Module? n                         C401A Coverage Module? n

ABBREVIATED DIALING

     List1: _________          List2: _________          List3: _________

BUTTON ASSIGNMENTS

  1: call-appr                          6: _________

  2: call-appr                          7: _________

  3: call-appr                          8: _________

  4: _________                          9: _________

  5: _________                         10: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

Page 2 of 3

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____	13: _____
2: _____	14: _____
3: _____	15: _____
4: _____	16: _____
5: _____	17: _____
6: _____	18: _____
7: _____	19: _____
8: _____	20: _____
9: _____	21: _____
10: _____	22: _____
11: _____	23: _____
12: _____	24: _____

```
                                                    Page 3 of 3
                                  STATION

DATA MODULE

     Data Extension: ____

               Name: ________________        COR: 1        COS: 1

ABBREVIATED DIALING

 List1: ________

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                          Ext      Name

     1: ____                                3: ____

     2: ____                                4: ____
```

Implementation Note:

This form appears if ''y'' is entered in the 701A Data Module field.

Table 6-Z. Voice Terminal Button Assignments for 7405D

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (list:____ DC:____)	N	1
	AbrvDial Mark	abr-spchar (Char:^m)	N	
	AbrvDial Pause	abr-spchar (Char:^p)	N	
	AbrvDial Program	abr-prog	1	
	AbrvDial Suppress	abr-spchar (Char:^s)	N	
	AbrvDial Wait	abr-spchar (Char:^w)	N	
Abbreviated Dialing/ Digital Display	Stored Number	stored-num	1	
Agent Call Handling	After Call Work	after-call (Grp. ___)	N	2
	Assist	assist (Grp. ___)	1 per split group	2
	Auto In	auto-in (Grp. ___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. ___)	1 per split group	2
	Manual-In	manual-in (Grp. ___)	1 per split group	2
	Release	release	1	

*** N= any number of buttons on the voice terminal can be assigmed to this feature or function.**

(See Notes at end of table.)

Table 6-Z. Voice Terminal Button Assignments for 7405D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
AP Demand Print	Print Msgs	print-msgs	1	
Auto Wakeup	Auto Wakeup	auto-wkup	1 per split group	
Automatic Callback	Auto Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	10	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send All Calls-TEG	send-term (Grp:____)	N	
	Go to Cover	goto-cover	1	
	Send All Calls	send-calls	1	
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

Table 6-Z. Voice Terminal Button Assignments for 7405D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (data extension #)	data-ext (Ext:____)	N	
Date and Time/ Digital Display	Date Time	date-time	1	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
	Do Not Disturb Ext	ext-dn-dst	1 per station	
	Do Not Disturb Grp	grp-dn-dst	1 per station	
Elapsed Time/ Digital Display	Timer	timer	1	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-Z. Voice Terminal Button Assignments for 7405D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Inspect/ Digital Display	Inspect Mode	inspect	1	
Integrated Directory	Integrtd Directry	directory	1	
Intercom-Automatic	AutoIcom (name or extension #)	auto-icom Grp:____ DC:____)	N	4
Intercom-Dial	DialIcom	dial-icom (Grp:____)	N	5
Last Number Dialed	LastNumb Dialed	last-numb	1	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-Z. Voice Terminal Button Assignments for 7405D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	LWC	lwc-store	1	
	Cancel LWC	lwc-cancel	1	
Leave Word Calling (Remote Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:____)	N	6
Leave Word Calling/ Digital Display	Return Call	call-disp	1	
	Message Retrieve	msg-retr	1	
	Next	next	1	
	Delete Message	delete-msg	1	
	Lock LWC	lwc-lock	1	
Link Failure	Link Failure (Link No.___)	link-alarm (Link #___)	1-4 per voice terminal	7
Manual Signaling	Signal (name or extension #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or extension #)	man-msg-wt (Ext:____)	N	8

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-Z. Voice Terminal Button Assignments for 7405D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. ___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10
Normal Mode/ Digital Display	Normal Mode	normal	1	
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:____)	N	11
PMS Interface	Check-In	check-in	1 per system	
	Check-Out	check-out	1 per system	
	Message Waiting Act.	mwn-act	1 per system	
	Message Waiting Deact.	mwn-deact	1 per system	
Priority Calling	Prior Call	priority	1	
Privacy— Manual Exclusion	Exclusn	exclusion	1	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-Z. Voice Terminal Button Assignments for 7405D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON FORM	MAXIMUM ALLOWED*	NOTES
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observe	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert		
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:____)	N	13
Trunk Identification	Trunk-ID	trk-id	1	
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-Z. Voice Terminal Button Assignments for 7405D (Contd)

Notes:

1. List:	List number 1 to 3 where the destination number is stored.
DC:	Dial codes of destination number.
2. Grp:	The split group number for ACD (1 to 32).
3. TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
4. Grp:	Dial icom group number (1 to 32). This extension and destination extension number must be in the same group.
5. Grp:	Dial icom group number (1 to 32).
6. Ext:	Extension number of principal.
7. Link:	Link number (1 to 4).
8. Ext:	The destination extension.
9. Grp:	Hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10. Grp:	Trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11. Grp:	Central Office line group number (1 to 40).
12. Ext:	Extension number of hunt group.
13. Grp:	Terminating Extension Group Number (1 to 32).
14. Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”), For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

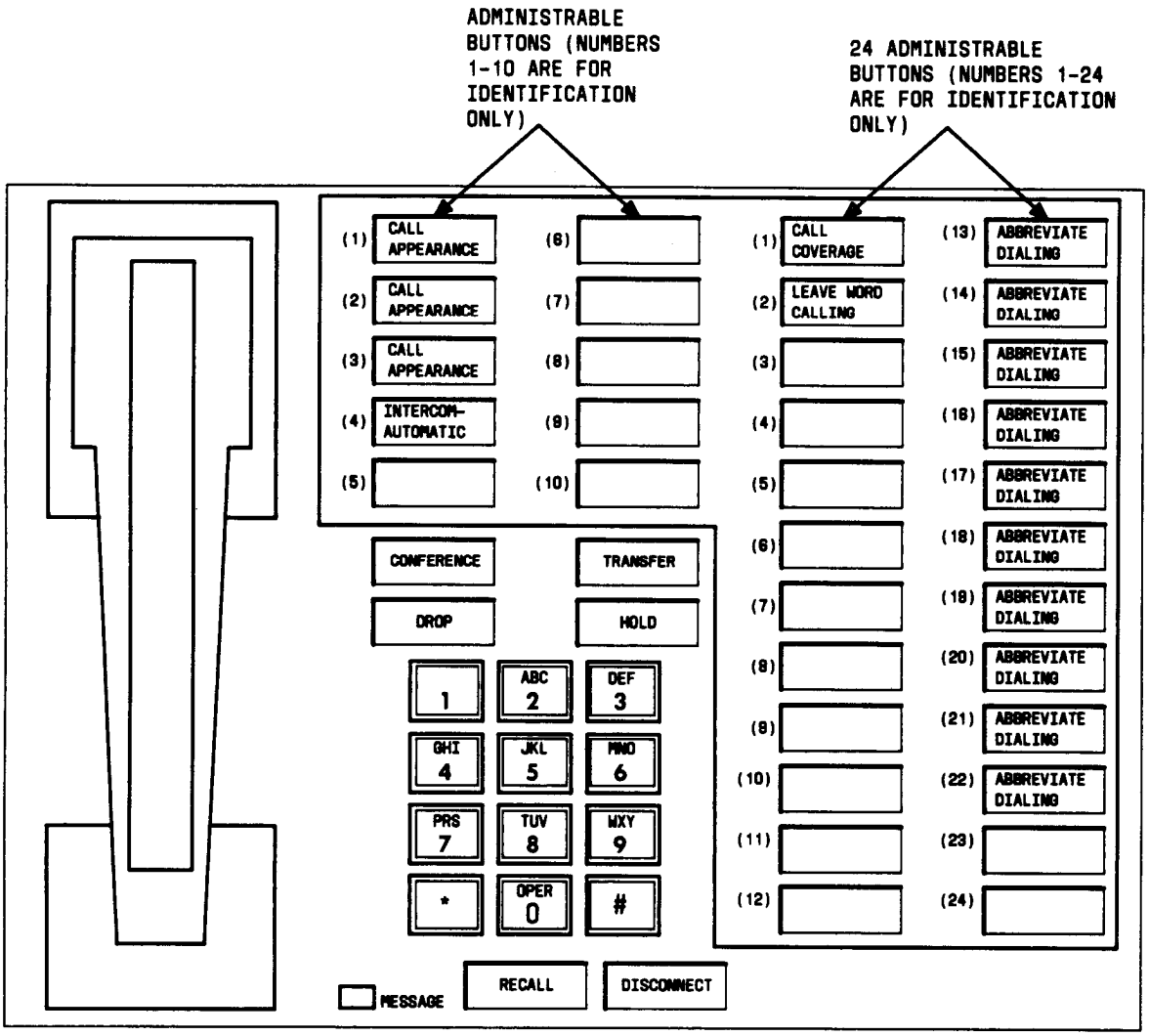


Figure 6-26. 7405D Voice Terminal

7406D Voice Terminal

Purpose

This form is used to implement a 7406D multi-appearance voice terminal. Do not complete this form if the voice terminal is connected to a personal computer. Complete the Station-PC Voice Terminal (PC/PBX Connection) form.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7406D has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port—Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 16 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 16 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n. " Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage).

- Idle Appearance Preference—Enter '' y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance Preference is set and the user is connected to the ringing call appearance.

- **Bridged Call Alerting—Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.**

- **Personalized Ringing Pattern-Enter a Personalized Ringing Pattern, 1 through 8, as follows:**

Ring Pattern	Tone Sequence
1	MMM
2	HHH
3	LLL
4	LHH
5	HHL
6	HLL
7	HLH
8	LHL

L = 530 Hz, M = 750 Hz, and H = 1060 Hz

- **Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".**

- **Data Module—Enter "y" so the voice terminal can have an optional 703A Data Stand. If a Data Stand is assigned, the Data Module Form (page 2) must be completed and attached to the voice terminal form. Enter "n" if a DTDM is not desired.**

- **Display Module—Enter "y" so the voice terminal can have a Display Module. Enter "n" if a Display Module is not desired.**

- **List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "p" or "g" is entered, a group number is also required.**

- **Display Catiridge—Enter "y" if a display cartridge is used; otherwise, enter "n".**

- **BUTTON ASSIGNMENTS**

  The features and functions that can be assigned to the 7406D voice terminal administrable buttons are shown in Table 6-AA. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

  Figure 6-27 shows the 7406D voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.

These instructions are used for the data module for the 7406D. These instructions must be completed if "y" was entered in the "701A Data Module" field.

- **Data Extension—Enter the extension number assigned to the data module. A data extension can be a 1- to 6-digit number. The digits assigned must agree with the Dial Plan Record.**
- **Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.**
- **COR—Enter the desired class of restriction (COR) number from 0 through 63.**
- **COS—Enter the desired class of service (COS) number from 0 through 16.**
- **List1:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required. This allows the module to have up to three abbreviated dialing lists.**
- **Abbreviated Dialing List Number (From above list)—Enter a number from 0 to 999. This is the number that will be dialed on the abbreviated dialing listed previously.**
- **Ext—make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.**
- **Name—Enter the name assigned to this extension number.**

Page 1 of 3

STATION

Extension: ____

Type: 7406D Lock Messages: n COR: 1 Room: _____

Port: _____ Security Code: ____ COS: 1 Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? ap-spe Headset?n Coverage Msg Retrieval? y

LWC Activation? y Auto Answer?n Data Restriction? n

Redirect Notification? y Idle Appearance Preference? n

Bridged Call Alerting? n Personalized Ringing Pattern: 1

Data Module? y Restrict Last Appearance? y

Display Module? n Display Cartridge? __

ABBREVIATED DIALING

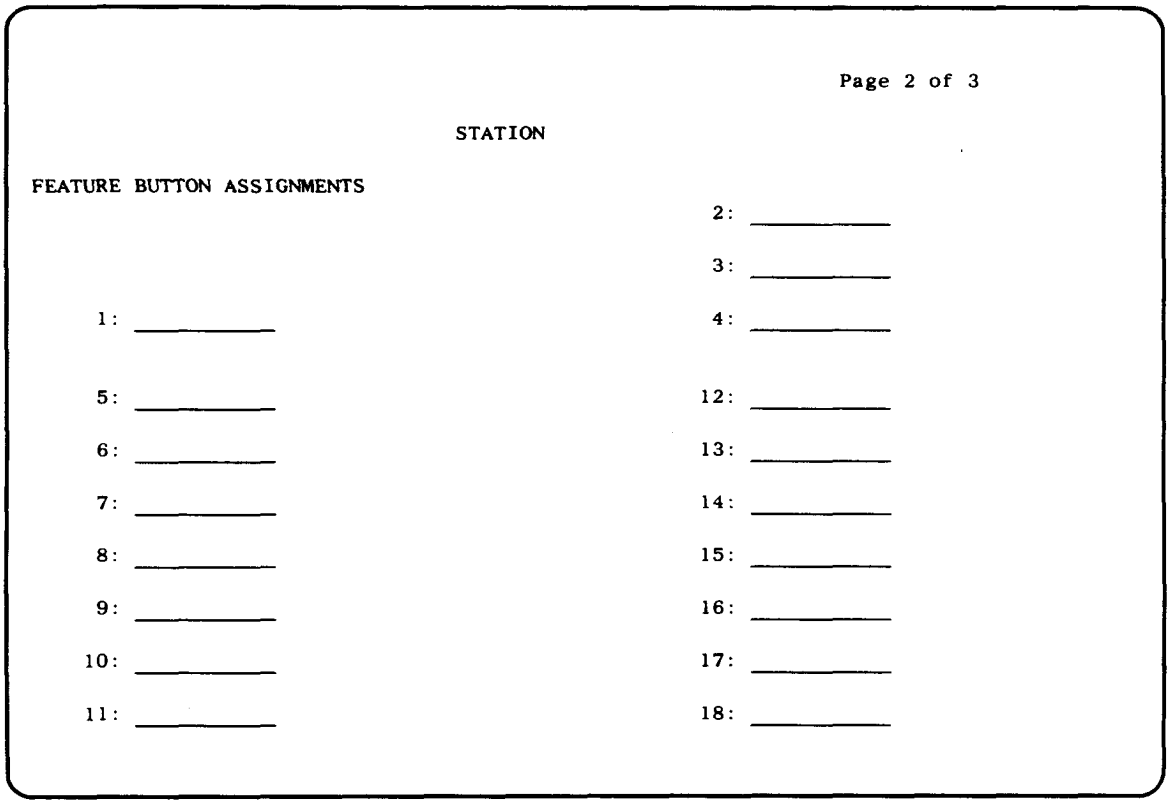
List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: call-appr 4: _____

2: call-appr 5: _____

3: call-appr



Page 2 of 3

STATION

FEATURE BUTTON ASSIGNMENTS

		2: _____	
		3: _____	
1: _____		4: _____	
5: _____		12: _____	
6: _____		13: _____	
7: _____		14: _____	
8: _____		15: _____	
9: _____		16: _____	
10: _____		17: _____	
11: _____		18: _____	

Implementation Note:

Buttons 12 through 18 are accessed by shifting buttons 5 through 11.

```
                                                    Page 3 of 3
                                  STATION

DATA MODULE

     Data Extension: ____

              Name: ________________        COR: 1        COS: 1

ABBREVIATED DIALING

 List1: _________          List2: _________          List3: _________

HOT LINE DESTINATION
        Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                                    Dial Code: __

ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                          Ext      Name

     1: ____                                3: ____

     2: ____                                4: ____
```

Implementation Note:

This page only appears when the data Module field is answered "y" on page 1.

Table 6-AA. Voice Terminal Button Assignments for 7406D

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (list:____ DC:____)	N	1
	AbrvDial Mark	abr-spchar (Char:^m)	N	
	AbrvDial Pause	abr-spchar (Char:^p)	N	
	AbrvDial Program	abr-prog	1	
	AbrvDial Suppress	abr-spchar (Char:^s)	N	
	AbrvDial Wait	abr-spchar (Char:^w)	N	
Abbreviated Dialing/ Digital Display	Stored Number	stored-num	1	
Agent Call Handling	After Call Work	after-call (Grp. __)	N	2
	Assist	assist (Grp. __)	1 per split group	2
	Auto In	auto-in (Grp. __)	1 per split group	2
	Auxiliary Work	aux-work (Grp. __)	1 per split group	2
	Manual-In	manual-in (Grp. __)	1 per split group	2
	Release	release	1	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-AA. Voice Terminal Button Assignments for 7406D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
AP Demand Print	Print Msgs	print-msgs	1	
Auto Wakeup	Auto Wakeup	auto-wkup	1 per split group	
Automatic Callback	Auto Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	10	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send All Calls-TEG	send-term (Grp:____)	N	
	Go to Cover	goto-cover	1	
	Send All Calls	send-calls	1	

* N = any number of buttons on the voice terminal can be assigned to this feature or function.

Table 6-AA. Voice Terminal Button Assignments for 7406D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (data extension #)	data-ext (Ext:____)	N	
Date and Time/ Digital Display	Date Time	date-time	1	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
	Do Not Disturb Ext	ext-dn-dst	1 per station	
	Do Not Disturb Grp	grp-dn-dst	1 per station	
Elapsed Time/ Digital Display	Timer	timer	1	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-AA. Voice Terminal Button Assignments for 7406D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Inspect/ Digital Display	Inspect Mode	inspect	1	
Integrated Directory	Integrtd Directry	directory	1	
Intercom-Automatic	AutoIcom (name or extension #)	auto-icom Grp:____ DC:____)	N	4
Intercom-Dial	DialIcom	dial-icom (Grp:____)	N	5
Last Number Dialed	LastNumb Dialed	last-numb	1	

*** N = any number of buttons on the module can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-AA. Voice Terminal Button Assignments for 7406D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	LWC	lwc-store	1	
	Cancel LWC	lwc-cancel	1	
Leave Word Calling (Remote Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:____)	N	6
Leave Word Calling/ Digital Display	Return Call	call-disp	1	
	Message Retrieve	msg-retr	1	
	Next	next	1	
	Delete Message	delete-msg	1	
	Lock LWC	lwc-lock	1	
Link Failure	Link Failure (Link No.___)	link-alarm (Link #___)	1-4 per voice terminal	7

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-AA. Voice Terminal Button Assignments for 7406D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Manual Signaling	Signal (name or extension #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or extension #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	
Night Service	Hunt Group	hunt-ns (Grp. ___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10
Normal Mode/ Digital Display	Normal Mode	normal	1	
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:____)	N	11
PMS Interface	Check-In	check-in	1 per system	
	Check-Out	check-out	1 per system	
	Message Waiting Act.	mwn-act	1 per system	
	Message Waiting Deact.	mwn-deact	1 per system	
Priority Calling	Prior Call	priority	1	
Privacy— Manual Exclusion	Exclusn	exclusion	1	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-AA. Voice Terminal Button Assignments for 7406D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON FORM	MAXIMUM ALLOWED*	NOTES
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observe	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert		
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:____)	N	13
Trunk Group Name/Digital Display	Trunk Name	trunk-name	1	
Trunk Identification	Trunk-ID	trk-id	1	
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-AA. Voice Terminal Button Assignments for 7406D (Contd)

Notes:

1. List:	List number 1 to 3 where the destination number is stored.
DC:	Dial codes of destination number.
2. Grp:	The split group number for ACD (1 to 32).
3. T A C / Ext:	Trunk or extension number of voice terminal to be monitored
4. Grp:	Dial icom group number (1 to 32). This extension and destination extension number must be in the same group.
5. Grp:	Dial icom group number (1 to 32).
6. Ext:	Extension number of principal.
7. Link:	Link number (1 to 4).
8. Ext:	The destination extension.
9. Grp:	Hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10. Grp:	Trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11. Grp:	Central Office line group number (1 to 40).
12. Ext:	Extension number of hunt group.
13. Grp:	Terminating Extension Group Number (1 to 32).
14. Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

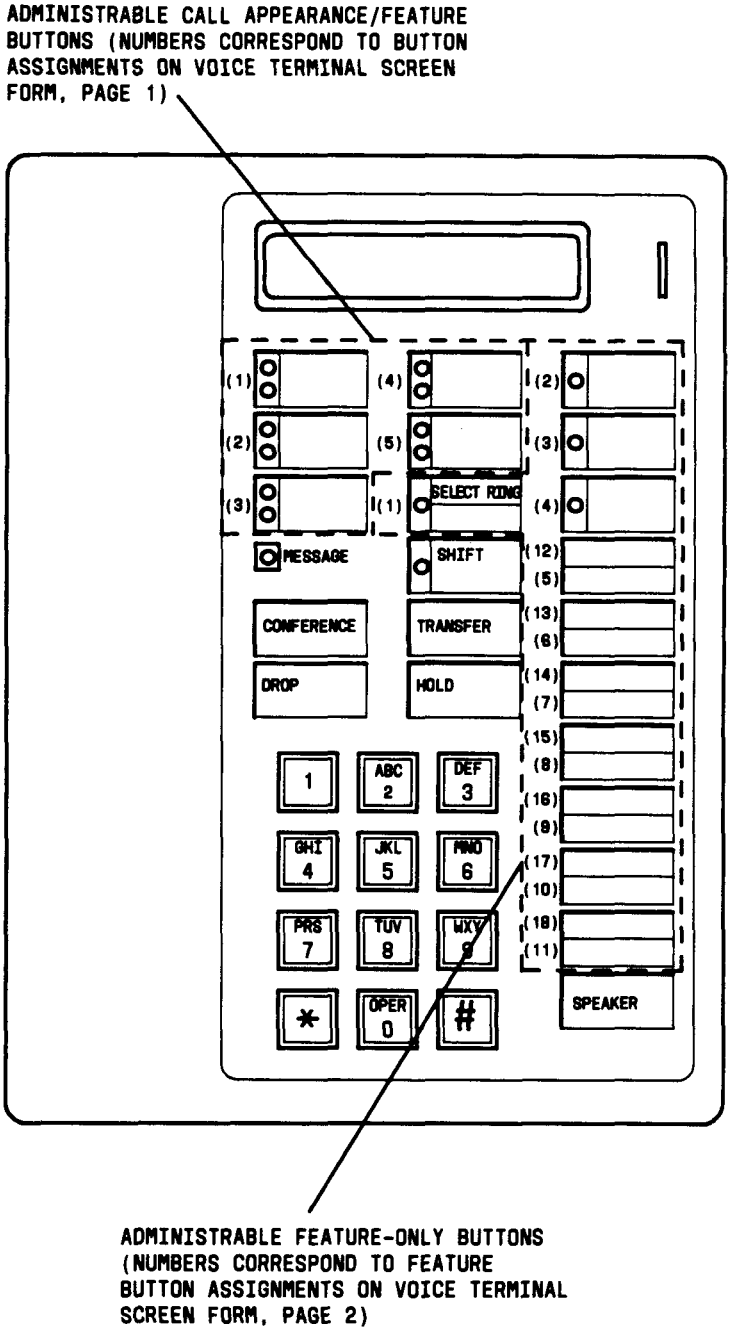


Figure 6-27. 7406D Voice Terminal

7407D Voice Terminal

Purpose

This form is used to implement a 7407D multi-appearance voice terminal. Do not complete this form if the voice terminal is connected to a personal computer. Complete the Station-PC Voice Terminal (PC/PBX Connection) form.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, 7407D has been preprinted.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port—Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 08).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number from 0 through 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The Integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe.Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.

- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.

- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.

- Headset—Enter "y" if this terminal has a headset; otherwise, enter "n."

- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for this voice terminal. This field only applies if the voice terminal is marked for LWC Reception.

- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls.

- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.

- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.

- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage).

- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance Preference is set and the user is connected to the ringing call appearance.

- **Bridged Call Alerting—Enter "y" to allow incoming calls on bridged appearances to alert at this voice terminal.**

- **Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".**

- **Personalized Ringing Pattern-Enter a Personalized Ringing Pattern from 1 to 8 as follows:**

Ring Pattern	Tone Sequence
1	MMM
2	HHH
3	LLL
4	LHH
5	HHL
6	HLL
7	HLH
8	LHL

L = 530 Hz, M = 750 Hz, and H = 1060 Hz

- **Data Module—Enter "y" so the voice terminal can have a Data Module. If a Data Module is assigned, the Data Module Form (page 2) must be completed and attached to the voice terminal form. Enter "n" if a Module is not desired.**

- **List1:, List2:, List3:—Enter "p" for personal, "s" for system, "g" for group, or '(e" for enhanced. If "p" or "g" is entered, a group number is also required.**

- **BUTTON ASSIGNMENTS**

  The features and functions that can be assigned to the 7407D voice terminal administrable buttons are shown in Table 6-AB. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned to the voice terminal. The abbreviated name must be entered on the button field on the form.

  Figure 6-28 shows the 7407D voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.

These instructions are used for the data module for the 7407D. These instructions must be completed if "y" was entered in the "Data Module" field.

- **Data Extension—Enter the extension number assigned to the data module. A data extension can be a 1- to 5-digit number. The digits assigned must agree with the Dial Plan Record.**

- **Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.**

- **COR—Enter the desired class of restriction (COR) number from 0 through 63.**
- **COS—Enter the desired class of service (COS) number from 0 through 15.**
- **List1:—Enter "p" for personal, "s" for system, "g" for group, or "e" for enhanced. If "g" or "p" is entered, a group number is also required.**
- **Abbreviated Dialing List Number (From above list)—Enter a number from 0 through 999. This is the number that will be dialed on the abbreviated dialing list entered in the previous step.**
- **Ext—Make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.**
- **Name—Enter the name assigned to this extension number.**

```
                                                        Page 1 of 4

                                    STATION

Extension: ____

     Type: 7407D          Lock Messages: n       COR: 1   Room: _______

     Port: _____________  Security Code: ____    COS: 1   Jack: _______

     Name: _____________  Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

      LWC Activation? y   Auto Answer? n                 Data Restriction? n

Redirect Notification? y                    Idle Appearance Preference? n

Bridged Call Alerting? n                  Personalized Ringing Pattern? _

          Data Module? y                    Restrict Last Appearance? y

ABBREVIATED DIALING

     List1: ________          List2: _________          List3: _________

BUTTON ASSIGNMENTS

  1: call-appr                          6: _________

  2: call-appr                          7: _________

  3: call-appr                          8: _________

  4: _________                          9: _________

  5: _________                         10: _________
```

Implementation Note:

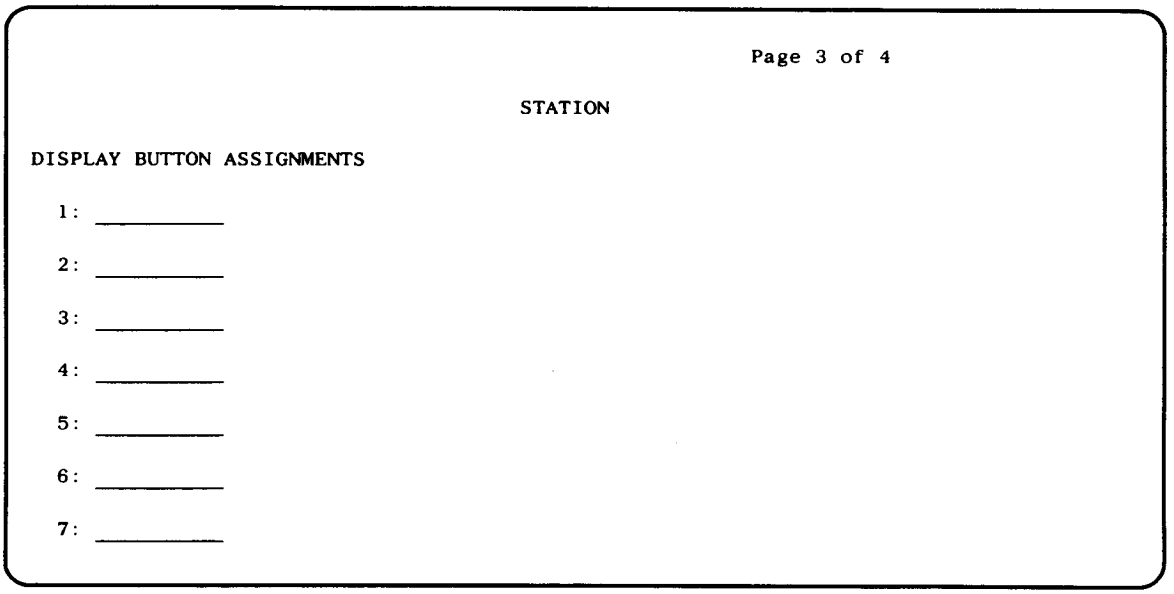
The first three buttons must be assigned to call-appr (call appearance.)

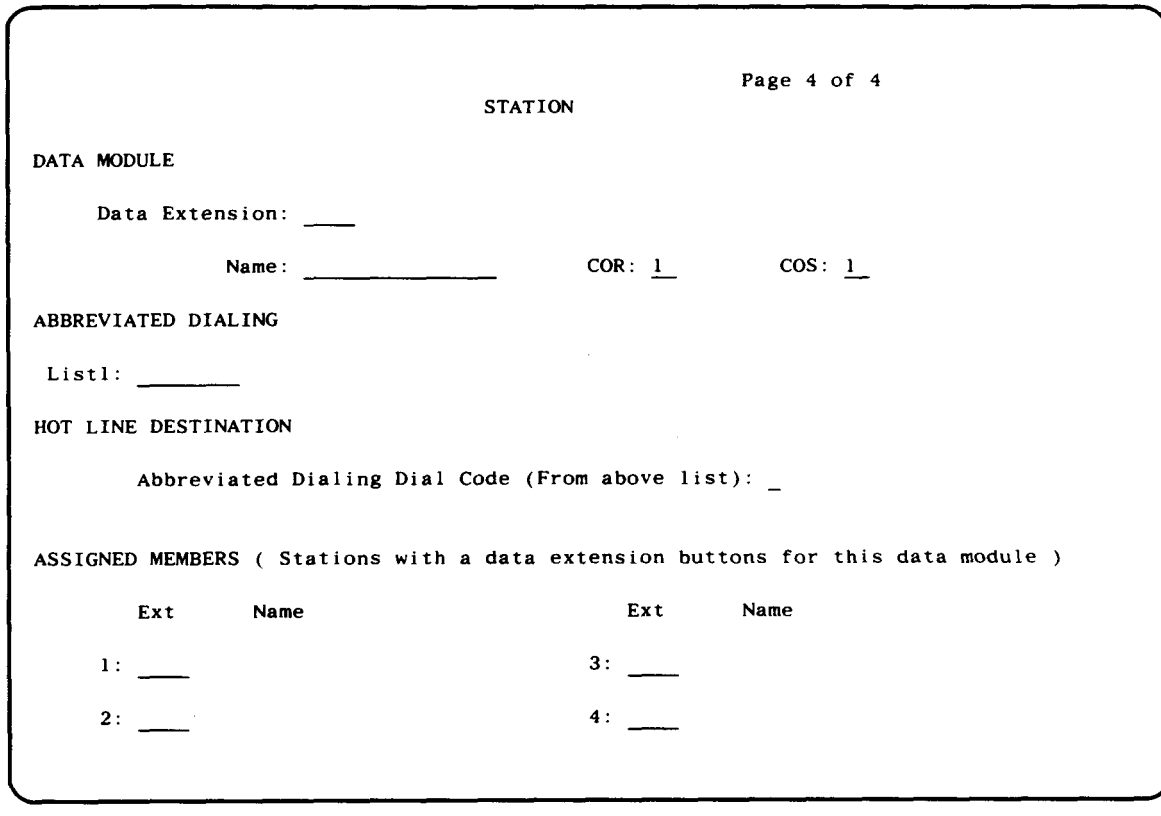
Page 2 of 4

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____	2: _____
3: _____	14: _____
4: _____	15: _____
5: _____	16: _____
6: _____	17: _____
7: _____	18: _____
8: _____	19: _____
9: _____	20: _____
10: _____	21: _____
11: _____	22: _____
12: _____	23: _____
13: _____	24: _____


Page 3 of 4
STATION
DISPLAY BUTTON ASSIGNMENTS
1: _____
2: _____
3: _____
4: _____
5: _____
6: _____
7: _____



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                                                    Page 4 of 4
                                  STATION

DATA MODULE

     Data Extension: ____

               Name: ________________        COR: 1_        COS: 1_

ABBREVIATED DIALING

 List1: _________

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _


ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext       Name                          Ext       Name

     1: ____                                 3: ____

     2: ____                                 4: ____
```

Implementation Note:

This page only appears when the field Data Module is answered "y" on page 1.

Table 6-AB. Voice Terminal Button Assignments for 7407D

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (list:____ DC:____)	N	1
	AbrvDial Mark	abr-spchar (Char:^m)	N	
	AbrvDial Pause	abr-spchar (Char:^p)	N	
	AbrvDial Program	abr-prog	1	
	AbrvDial Suppress	abr-spchar (Char:^s)	N	
	AbrvDial Wait	abr-spchar (Char:^w)	N	
Abbreviated Dialing/ Digital Display	Stored Number	stored-num	1	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	N	2
	Assist	assist (Grp.___)	1 per split group	2
	Auto In	auto-in (Grp.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp.___)	1 per split group	2
	Manual-In	manual-in (Grp.___)	1 per split group	2
	Release	release	1	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-AB. Voice Terminal Button Assignments for 7407D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
AP Demand Print	Print Msgs	print-msgs	1	
Auto Wakeup	Auto Wakeup	auto-wkup	1 per split group	
Automatic Callback	Auto Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	10	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send All Calls-TEG	send-term (Grp:____)	N	
	Go to Cover	goto-cover	1	
	Send All Calls	send-calls	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

Table 6-AB. Voice Terminal Button Assignments for 7407D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (data extension #)	data-ext (Ext:____)	N	
Date and Time/ Digital Display	Date Time	date-time	1	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
	Do Not Disturb Ext	ext-dn-dst	1 per station	
	Do Not Disturb Grp	grp-dn-dst	1 per station	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-AB. Voice Terminal Button Assignments for 7407D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Elapsed Time/ Digital Display	Timer	timer	1	
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:____)	N	3
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
	PMS Failure	pms-alrm	1 per system	
Inspect/ Digital Display	Inspect Mode	inspect	1	
Integrated Directory	Integrtd Directry	directory	1	
Intercom-Automatic	Autolcom (name or extension #)	auto-icom Grp:____ DC:____)	N	4
Intercom-Dial	Diallcom	dial-icom (Grp:____)	N	5
Last Number Dialed	LastNumb Dialed	last-numb	1	

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-AB. Voice Terminal Button Assignments for 7407D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling	LWC	lwc-store	1	
	Cancel LWC	lwc-cancel	1	
Leave Word Calling (Remote Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:____)	N	6
Leave Word Calling/ Digital Display	Return Call	call-disp	1	
	Message Retrieve	msg-retr	1	
	Next	next	1	
	Delete Message	delete-msg	1	
	Lock LWC	lwc-lock	1	
Link Failure	Link Failure (Link No.___)	link-alarm (Link #___)	1 to 4 per voice terminal	7
Manual Signaling	Signal (name or extension #)	signal (Ext:____)	N	
Manual Message Waiting	Msg Wait (name or extension #)	man-msg-wt (Ext:____)	N	8
Night Service	Night Serv	night-serv	1	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-AB. Voice Terminal Button Assignments for 7407D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Night Service	Hunt Group	hunt-ns (Grp. ___)	3 per hunt group	9
	Trunk Grp.	trunk-ns (Grp. ___)	3 per trunk group	10
Normal Mode/ Digital Display	Normal Mode	normal	1	
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:____)	N	11
PMS Interface	Check-In	check-in	1 per system	
	Check-Out	check-out	1 per system	
	Message Waiting Act.	mwn-act	1 per system	
	Message Waiting Deact.	mwn-deact	1 per system	
Priority Calling	Prior Call	priority	1	
Privacy— Manual Exclusion	Exclusn	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-AB. Voice Terminal Button Assignments for 7407D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON FORM	MAXIMUM ALLOWED*	NOTES
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observing	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert		
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:____)	N	13
Trunk Group Name/Digital Display	Trunk Name	trunk-name	1	
Trunk Identification	Trunk-ID	trk-id	1	
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:____ Grp:____)	N	14

*** N= any number of buttons on the voice terminal can be assigned to this feature or function.**

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-AB. Voice Terminal Button Assignments for 7407D (Contd)

Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	DC:	Dial codes of destination number.
2.	Grp:	The split group number for ACD (1 to 32).
3.	TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
4.	Grp:	Dial Icom group number (1 to 32). This extension and destination extension number must be in the same group.
5.	Grp:	Dial Icom group number (1 to 32).
6.	Ext:	Extension number of principal.
7.	Link:	Link number (1 to 4).
8.	Ext:	The destination extension.
9.	Grp:	Hunt group number (1 to 32)—no visual indication of the hunt group status is given. For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10.	Grp:	Trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11.	Grp:	Central Office line group number (1 to 40).
12.	Ext:	Extension number of hunt group.
13.	Grp:	Terminating Extension Group Number (1 to 32).
14.	Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
	Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

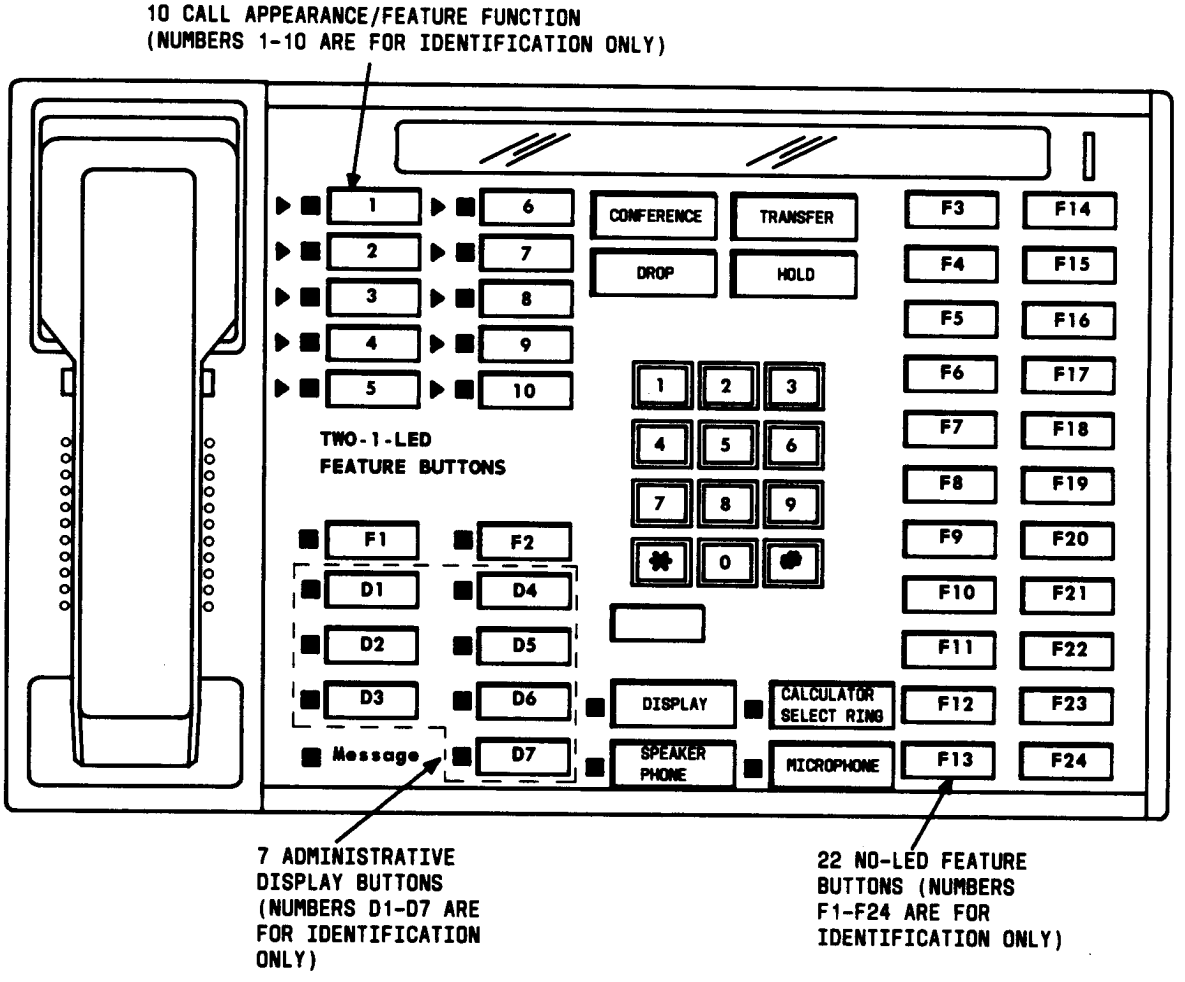

Figure 6-28. 7407D Voice Terminal

Personal Computer (PC)/Private Branch Exchange (PBX) Connection

Purpose

This form is used to implement a Personal Computer Terminal which can be used with a 7403D, 7404D, 7405D, 7406D, or 7407D voice terminal.

Instructions

Make assignments as required for the following fields:

- **Extension—Enter a valid extension number that agrees with the dial plan.**
- **Type—Make no entry, PC has been preprinted.**
- **Set—Enter the digital voice terminal type the PC is connected to. Allowable entries are 7403D, 7404D, 7405D, 7406D, or 7407D.**
- **Lock Messages—Enter "y" to restrict other users from reading or canceling the voice terminal messages; otherwise, enter "n. "**
- **COR—Enter a class of restriction (COR) number from 0 through 63 that reflects the desired restriction.**
- **Room—Enter the room, building, or floor where the voice terminal is located. See the Port Assignment Record. This field may be left blank.**
- **Port-Enter one letter and a 4-digit number. The first letter identifies the carrier (A, B, C, E, or F); the second two digits identify the slot number in the carrier (01 to 20). The last two digits identify the circuit number (01 to 01).**
- **Security Code—Enter a 4-digit security code required to retrieve messages for the AP Demand Print feature and voice synthesis retrieval of messages.**
- **COS—Enter the desired class of service (COS) number 0 to 15 to restrict or allow Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features.**
- **Jack—Enter up to five characters that are used to identify the jack location the voice terminal is connected to. This field may be left blank. See the Port Assignment Record.**
- **Name—Enter the name of person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.**

  The integrated Directory feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

- Bill J Doe
- Doe,Bill J
- Bill Doe

- Coverage Path—Enter a coverage path number from 1 through 400. This field may be left blank if no coverage is desired. For the Hospitality Parameter Reduction feature, enter a coverage path number from 1 to 5.
- Cable—Enter the cable number that connects the voice terminal jack to the System 75. This field may be left blank. This information can also be entered in the Blank column on the Port Assignment Record.
- LWC Reception—Enter "ap-spe" if messages are stored on the Applications Processor (AP) or by the System Processing Element (SPE). Enter "audix" if messages are stored on the Audio Information Exchange System (AUDIX). Enter "none" if LWC is not to be activated toward this voice terminal and the voice terminal users are not allowed to leave messages for this voice terminal.
- Headset—Enter '(y" if this terminal has a headset; otherwise, enter "n."
- Coverage Msg Retrieval—Enter a "y" to allow a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for the voice terminal. This field only applies if this voice terminal is marked for LWC Reception.
- LWC Activation—Enter "y" to allow internal voice terminal users to leave short LWC messages for other internal voice terminal users. If the system has the Hospitality features, enter "y" for voice terminals in the guest rooms if the failed wakeup voice terminal is to receive LWC messages indicating incomplete wakeup calls.
- Auto Answer—Enter "y" if this terminal has Auto Answer; otherwise, enter "n." Auto Answer indicates if an incoming call will be automatically answered by an Automatic Call Distribution (ACD) agent.
- Data Restriction—Enter "y" to prevent tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user.
- Redirect Notification—Enter "y" to give a half ring at this voice terminal when calls to this terminal are redirected (via Call Forwarding or Call Coverage).
- Idle Appearance Preference—Enter "y" or "n" to indicate which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, the Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the ringing call. If "n" is entered, Alerting Appearance Preference is set and the user is connected to the ringing call appearance.

- PCOLG/Teg Call Alerting—Enter "y" if the PC user will be alerted of an incoming PCOLG call; otherwise, enter "n."
- Restrict Last Appearance—Enter "y" to restrict the last idle call appearance for incoming priority calls and outgoing call originations only; otherwise, enter "n".
- List1:, List2:, List3:—Enter "p" for personal, 'IS" for system, "g" for group, or "e" for enhanced. If "p" or "g" is entered, a group number is also required.

BUTTON ASSIGNMENTS

The features and functions that can be assigned to the PC and voice terminal administrable buttons are shown in Table 6-AC. The table shows the feature name, the abbreviated name of the feature, and the maximum allowed number of features or functions that can be assigned. The abbreviated name must be entered on the button field on the form. The numbers in parentheses (F1), (F3), (F5), (CF1), (CF2), etc., beside the BUTTON ASSIGNMENTS field represent the button locations on the PC.

These instructions are used for the data module for the PC.

- Data Extension—Enter the extension number assigned to the data module. A data extension can be a 1- to 5-digit number. The digits assigned must agree with the Dial Plan Record.
- Name—Enter the name of the user associated with the data module. The name is optional, it can be left blank.
- COR—Enter the desired class of restriction (COR) number from 0 through 63.
- COS—Enter the desired class of service (COS) number from 0 through 15.
- List1:—Enter "p" for personal, "s" for system, "g" for group, or "e' for enhanced. If "p" or "g" is entered, a group number is also required. This allows the module to have up to three abbreviated dialing lists.
- Abbreviated Dialing Dial Code (From above list)—Enter a number from 0 to 999. This is the number that will be dialed in the abbreviated dialing list entered in the previous step.
- Ext—Make no entry. The extension number is automatically assigned when the system is administered. This is the extension number of the users who will share the module.
- Name—Enter the name assigned to this extension number.

```
                                                          Page 1 of 4

                                    STATION

Extension: ____

     Type: PC_  Set: 7404D  Lock Messages: n       COR: 1   Room: _______

     Port: _____________    Security Code: ____    COS: 1   Jack: _______

     Name: _____________    Coverage Path: ___             Cable: _______

FEATURE OPTIONS

         LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

        LWC Activation? y   Auto Answer? n                Data Restriction? n

 Redirect Notification? y                       Idle Appearance Preference? n

PCOL/Teg Call Alerting? n                       Restrict Last Appearance? y

ABBREVIATED DIALING

     List1: ________          List2: _________          List3: _________
BUTTON ASSIGNMENTS

  1: call-appr  (F1)                6: _________  (AF3)

  2: call-appr  (F3)                7: _________  (AF5)

  3: call-appr  (F5)                8: _________  (AF7)

  4: call-appr  (F7)                9: _________  (AF2)

  5: _________  (AF1)               10: _________ (AF4)
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

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STATION

FEATURE BUTTON ASSIGNMENTS

1: _____	13: _____
2: _____	14: _____
3: _____	15: _____
4: _____	16: _____
5: _____	17: _____
6: _____	18: _____
7: _____	19: _____
8: _____	20: _____
9: _____	21: _____
10: _____	22: _____
11: _____	23: _____
12: _____	24: _____

```
                                                        Page 3 of 4


        DISPLAY BUTTON ASSIGNMENTS


        1: _____  (CF1)
        2: _____  (CF2)
        3: _____  (CF3)
        4: _____  (CF4)
        5: _____  (CF5)
        6: _____  (Leave Blank)
        7: _____  (Leave Blank)
```

```
                                                        Page 4 of 4
                                    STATION

DATA MODULE

     Data Extension: ____

              Name: _____________        COR: 1_        COS: 1_

ABBREVIATED DIALING

 List1: _______

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _


ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                          Ext      Name

     1: ____                                3: ____

     2: ____                                4: ____
```

Table 6-AC. Voice Terminal Button Assignments for Personal Computer

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Abbreviated Dialing	AD	abrv-dial (list:____ DC:____)	N	1
	AbrvDial Mark	abr-spchar (Char:~m)	N	
	AbrvDial Pause	abr-spchar (Char:~p)	N	
	AbrvDial Program	abr-prog	1	
	AbrvDial Suppress	abr-spchar (Char:~s)	N	
	AbrvDial Wait	abr-spchar (Char:~w)	N	
Abbreviated Dialing/ Digital Display	Stored Number	stored-num	1	
Agent Call Handling	After Call Work	after-call (Grp. No.___)	N	2
	Assist	assist (Grp. No:___)	1 per split group	2
	Auto In	auto-in (Grp. No.___)	1 per split group	2
	Auxiliary Work	aux-work (Grp. No.___)	1 per split group	2
	Manual-In	manual-in (Grp. No.___)	1 per split group	2
	Release	release	1	

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-AC. Voice Terminal Button Assignments for Personal Computer (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
AP Demand Print	Print Msgs	print-msgs	1	
Auto Wakeup	Auto Wakeup	auto-wkup	1 per split group	
Automatic Callback	Auto Callback	auto-cback	N	
Automatic Circuit Assurance	Auto-ckt Assure	aca-call	1	
Bridged Call Appearance	*Extension*	brdg-appr	N	
Busy Verification	Verify	verify	1	
Call Appearance	*Extension*	call-appr	4	
Call Coverage	Consult	consult	1	
	Coverage Callback	cov-cback	1	
	Send All Calls-TEG	send-term (Grp:____)	N	
	Go to Cover	goto-cover	1	
	Send All Calls	send-calls	1	
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

Table 6-AC. Voice Terminal Button Assignments for Personal Computer (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Call Forwarding	Call Forwarding	call-fwd	1	
Call Park	Call Park	call-park	1	
Call Pickup	Call Pickup	call-pkup	1	
Centralized Attendant Service Backup	CAS-Backup	cas-backup	1	
	Flash	flash	1	
Data Call Setup	Data (data extension #)	data-ext (Ext:____)	N	
Date and Time/ Digital Display	Date Time	date-time	1	
Do Not Disturb	Do Not Disturb	dn-dst	1 per station	
	Do Not Disturb Ext	ext-dn-dst	1 per station	
	Do Not Disturb Grp	grp-dn-dst	1 per station	
Elapsed Time/ Digital Display	Timer	timer	1	
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:____)	N	3

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-AC. Voice Terminal Button Assignments for Personal Computer (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Hardware Failure	Major Hdwe Failure	major-alrm	10 per system	
	Major/Minor Hdwe Failure	mj/mn-alrm	10 per system	
Inspect/ Digital Display Integrated Directory	Inspect Mode Integrtd Directry	inspect directory	1 1	
Intercom-Automatic	AutoIcom (name or extension #)	auto-icom Grp:____ DC:____)	N	4
Intercom-Dial	DialIcom	dial-icom (Grp:____)	N	5
Last Number Dialed	LastNumb Dialed	last-numb	1	
Leave Word Calling	LWC	lwc-store	1	
	Cancel LWC	lwc-cancel	1	
Leave Word Calling (Remote Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:____)	N	6

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-AC. Voice Terminal Button Assignments for Personal Computer (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Leave Word Calling/ Digital Display	Return Call	call-disp	1	
	Message Retrieve	msg-retr	1	
	Next	next	1	
	Delete Message	delete-msg	1	
	Lock LWC	lwc-lock	1	
Link Failure	Link Failure (Link No.___)	link-alarm (Link No.___)	1 to 4 per voice terminal	7
Manual Signaling	Signal (name or	signal (Ext:____)	N	

* N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

Table 6-AC. Voice Terminal Button Assignments for Personal Computer (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Normal Mode/ Digital Display	Normal Mode	normal	1	
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:___)	N	11
PMS Interface	Check-In	check-in	1 per system	
	Check-Out	check-out	1 per system	
	Message Waiting Act.	mwn-act	1 per system	
	Message Waiting Deact.	mwn-deact	1 per system	
Priority Calling	Prior Call	priority	1	
Privacy— Manual Exclusion	Exclusn	exclusion	1	
Queue Status Indications	NQC	q-calls (Ext:_)	1 per hunt group	12
	OQT	q-time (Ext:_)	1 per hunt group	12
	AQC	atd-qcalls	1 per hunt group	
	AQT	atd-qtime	1 per hunt group	

*** N = any number of buttons on the voice terminal can be assigned to this feature or function.**

(See Notes at end of table.)

Table 6-AC. Voice Terminal Button Assignments for Personal Computer (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	NOTES
Ringer Cutoff	Ringer Cutoff	ringer-off	1	
Service Observing†	Service Observing	serv-obsrv	1	
System Reset Alert	System Reset Alert	rs-alert		
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:____)	N	13
Trunk Group Name/Digital Display	Trunk Name	trunk-name	1	
Trunk Identification	Trunk-ID	trk-id	1	
UCD/DDC	Auxiliary Work	aux-work (Grp:____)	N	
UCD/DDC/Intraflow Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:____ Grp:____)	N	14

* N= any number of buttons on the voice terminal can be assigned to this feature or function.

† The use of service observing features may be subject to federal, state, or local laws, rules or regulations or require the consent of one or both of the parties to the conversation. Customers should familiarize themselves with and comply with all applicable laws, rules and regulations before using these features.

(See Notes on next page.)

Table 6-AC. Voice Terminal Button Assignments for Personal Computer (Contd)

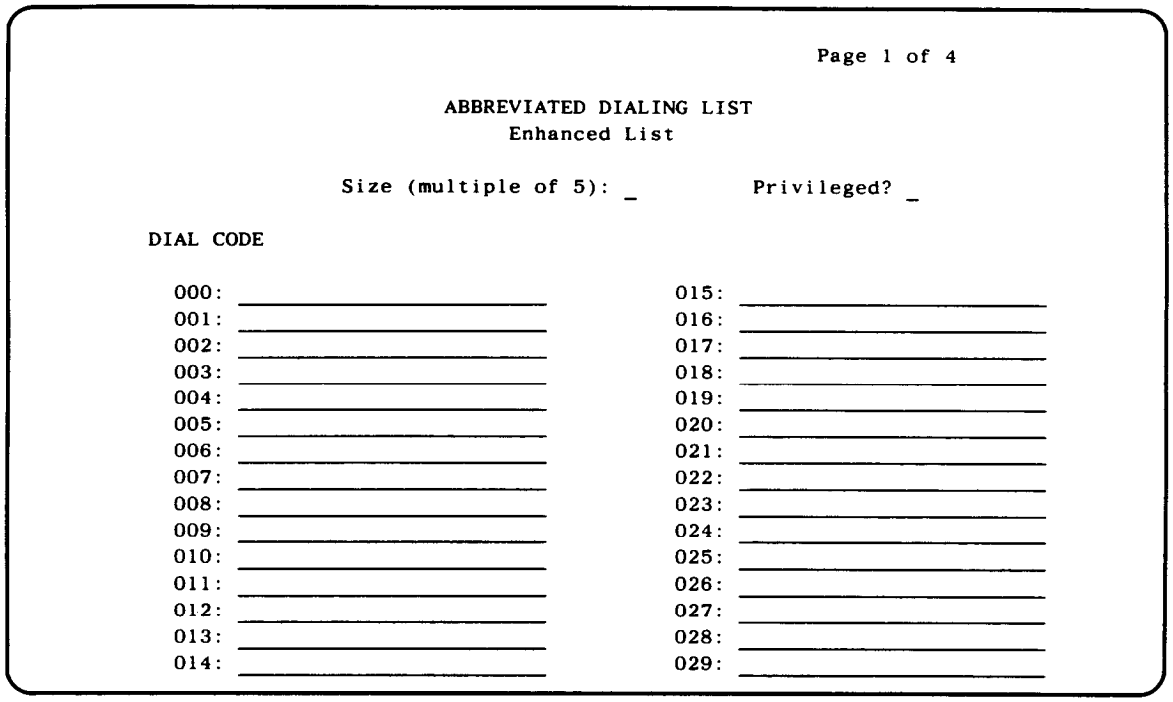
Notes:

1.	List:	List number 1 to 3 where the destination number is stored.
	Dc:	Dial codes of destination number.
2.	Grp:	The split group number for ACD (1 to 32).
3.	TAC/ Ext:	Trunk or extension number of voice terminal to be monitored.
4.	Grp:	Dial Icom group number (1 to 32). This extension and destination extension number must be in the same group.
5.	Grp:	Dial Icom group number (1 to 32).
6.	Ext:	Extension number of principal.
7.	Link:	Link number (1 to 4).
8.	Ext:	The destination extension.
9.	Grp:	Hunt group number (1 to 32). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).
10.	Grp:	Trunk group number (1 to 99). For the Hospitality Parameter Reduction feature, enter a trunk group number (1 to 50).
11.	Grp:	Central Office line group number (1 to 40).
12.	Ext:	Extension number of hunt group.
13.	Grp:	Terminating Extension Group Number (1 to 32).
14.	Type:	A “c” for coverage answer group, “h” for a uniform call distribution, or direct department calling group.
	Grp:	The number of the group (1 to 100 for “c,” 1 to 32 for “h”). For the Hospitality Parameter Reduction feature, enter a hunt group number (1 to 5).

CHAPTER 7. BLANK FORMS

This chapter contains a complete set of blank system forms to use to make software assignments for your system. Reproduce these forms and complete all fields as required based on information obtained from the Communications Survey (Chapter 4). Use the completed forms during system implementation and then retain as a set of hard copy records of your system.

Abbreviated Dialing—Enhanced List Form 0



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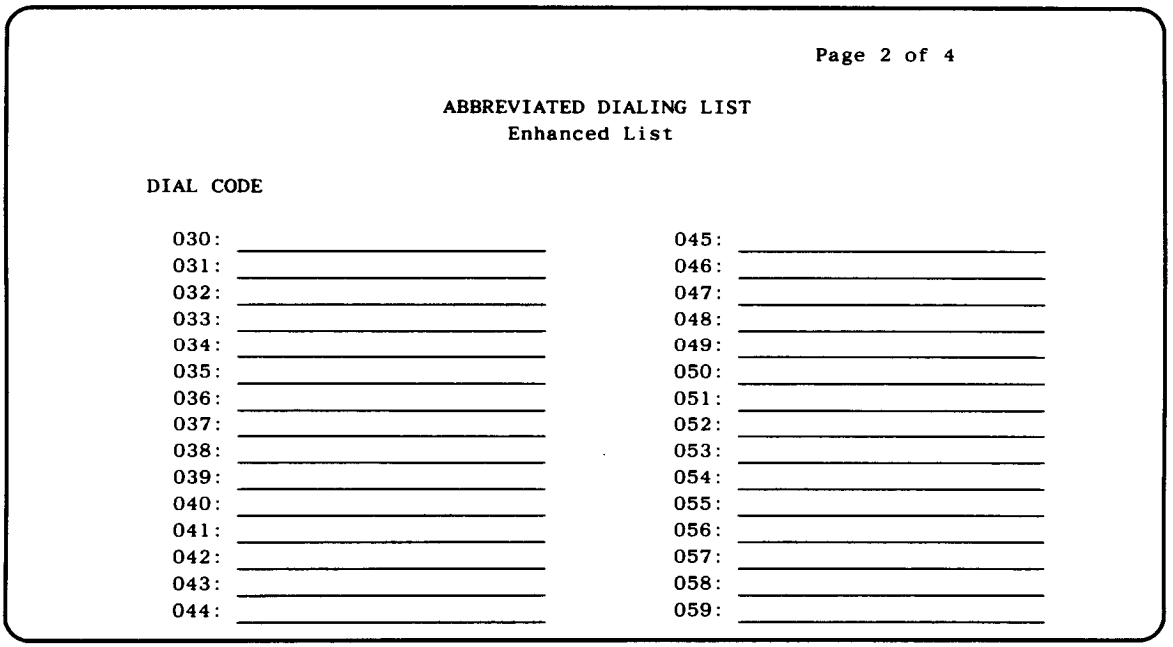
ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

000:	_____	015:	_____
001:	_____	016:	_____
002:	_____	017:	_____
003:	_____	018:	_____
004:	_____	019:	_____
005:	_____	020:	_____
006:	_____	021:	_____
007:	_____	022:	_____
008:	_____	023:	_____
009:	_____	024:	_____
010:	_____	025:	_____
011:	_____	026:	_____
012:	_____	027:	_____
013:	_____	028:	_____
014:	_____	029:	_____



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ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

030:	_____	045:	_____
031:	_____	046:	_____
032:	_____	047:	_____
033:	_____	048:	_____
034:	_____	049:	_____
035:	_____	050:	_____
036:	_____	051:	_____
037:	_____	052:	_____
038:	_____	053:	_____
039:	_____	054:	_____
040:	_____	055:	_____
041:	_____	056:	_____
042:	_____	057:	_____
043:	_____	058:	_____
044:	_____	059:	_____

Abbreviated Dialing—Enhanced List Form 0 (Contd)

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ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

060:	_____	075:	_____
061:	_____	076:	_____
062:	_____	077:	_____
063:	_____	078:	_____
064:	_____	079:	_____
065:	_____	080:	_____
066:	_____	081:	_____
067:	_____	082:	_____
068:	_____	083:	_____
069:	_____	084:	_____
070:	_____	085:	_____
071:	_____	086:	_____
072:	_____	087:	_____
073:	_____	088:	_____
074:	_____	089:	_____

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ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

090:	_____
091:	_____
092:	_____
093:	_____
094:	_____
095:	_____
096:	_____
097:	_____
098:	_____
099:	_____

Abbreviated Dialing—Enhanced List Form 1

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ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

100:		115:	
101:		116:	
102:		117:	
103:		118:	
104:		119:	
105:		120:	
106:		121:	
107:		122:	
108:		123:	
109:		124:	
110:		125:	
111:		126:	
112:		127:	
113:		128:	
114:		129:	

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ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

130:		145:	
131:		146:	
132:		147:	
133:		148:	
134:		149:	
135:		150:	
136:		151:	
137:		152:	
138:		153:	
139:		154:	
140:		155:	
141:		156:	
142:		157:	
143:		158:	
144:		159:	

Abbreviated Dialing—Enhanced List Form 1 (Contd)

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ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

160:	_____	175:	_____
161:	_____	176:	_____
162:	_____	177:	_____
163:	_____	178:	_____
164:	_____	179:	_____
165:	_____	180:	_____
166:	_____	181:	_____
167:	_____	182:	_____
168:	_____	183:	_____
169:	_____	184:	_____
170:	_____	185:	_____
171:	_____	186:	_____
172:	_____	187:	_____
173:	_____	188:	_____
174:	_____	189:	_____

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ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

190:	_____
191:	_____
192:	_____
193:	_____
194:	_____
195:	_____
196:	_____
197:	_____
198:	_____
199:	_____

Abbreviated Dialing—Enhanced List Form 2

Page 1 of 4

ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

200:		215:	
201:		216:	
202:		217:	
203:		218:	
204:		219:	
205:		220:	
206:		221:	
207:		222:	
208:		223:	
209:		224:	
210:		225:	
211:		226:	
212:		227:	
213:		228:	
214:		229:	

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ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

230:		245:	
231:		246:	
232:		247:	
233:		248:	
234:		249:	
235:		250:	
236:		251:	
237:		252:	
238:		253:	
239:		254:	
240:		255:	
241:		256:	
242:		257:	
243:		258:	
244:		259:	

Abbreviated Dialing—Enhanced List Form 2 (Contd)

Page 3 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

260:	_____	275:	_____
261:	_____	276:	_____
262:	_____	277:	_____
263:	_____	278:	_____
264:	_____	279:	_____
265:	_____	280:	_____
266:	_____	281:	_____
267:	_____	282:	_____
268:	_____	283:	_____
269:	_____	284:	_____
270:	_____	285:	_____
271:	_____	286:	_____
272:	_____	287:	_____
273:	_____	288:	_____
274:	_____	289:	_____

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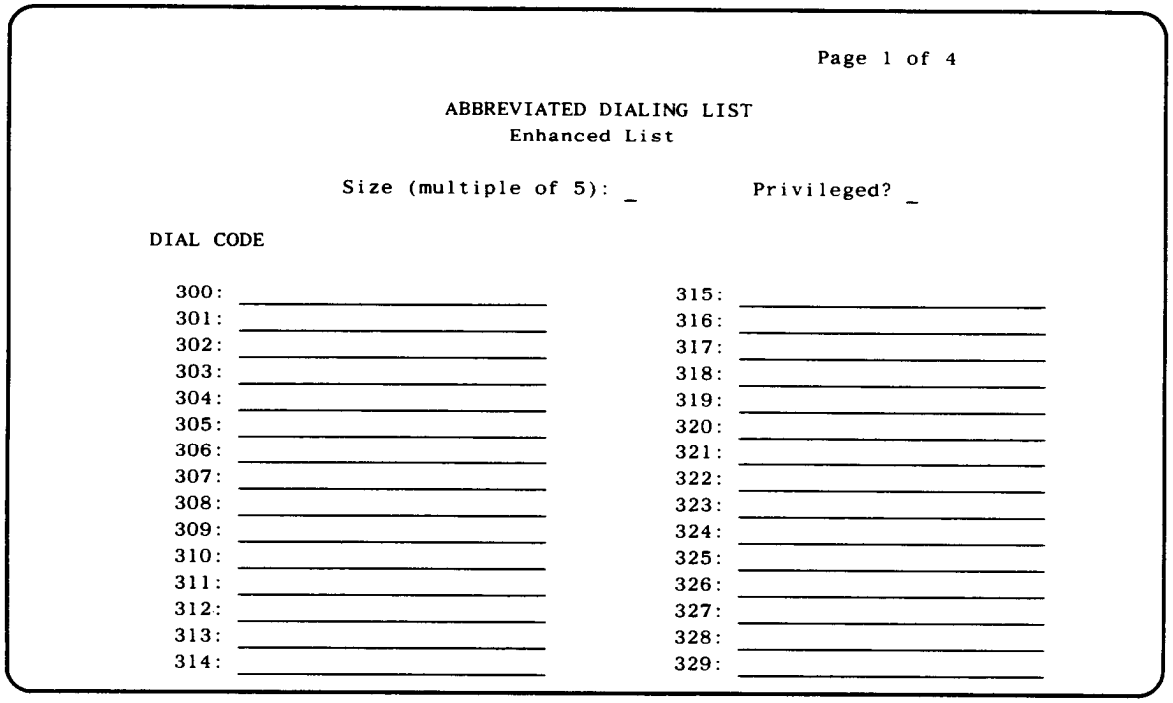
ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

290:	_____
291:	_____
292:	_____
293:	_____
294:	_____
295:	_____
296:	_____
297:	_____
298:	_____
299:	_____

Abbreviated Dialing—Enhanced List Form 3



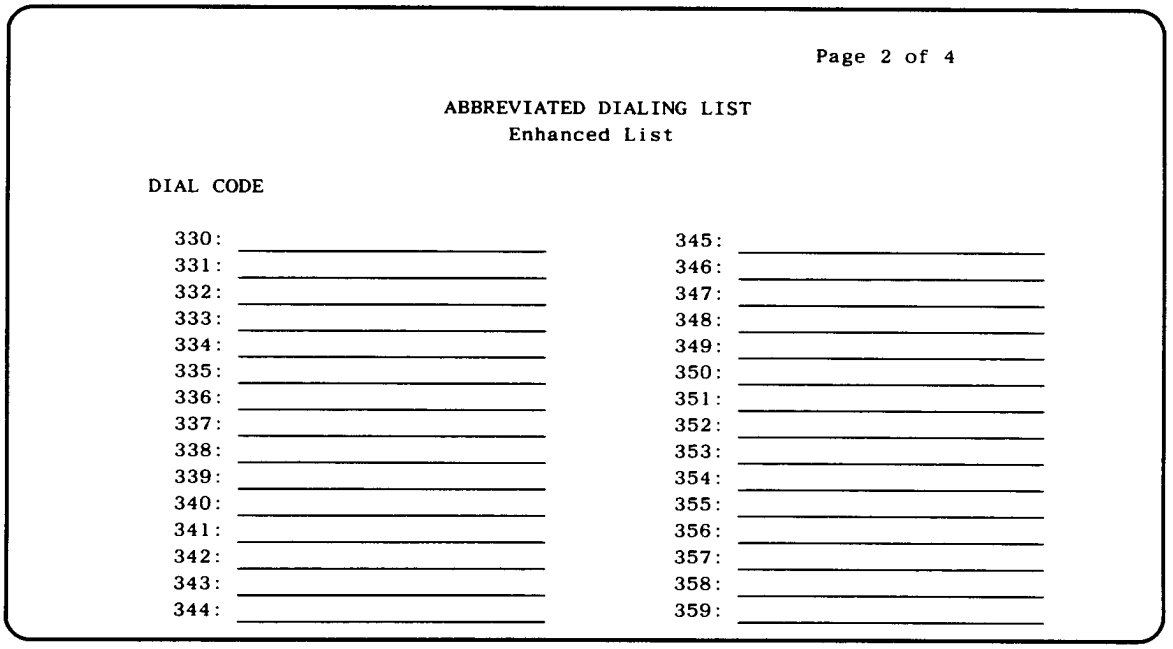
Page 1 of 4

ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

300:	_____	315:	_____
301:	_____	316:	_____
302:	_____	317:	_____
303:	_____	318:	_____
304:	_____	319:	_____
305:	_____	320:	_____
306:	_____	321:	_____
307:	_____	322:	_____
308:	_____	323:	_____
309:	_____	324:	_____
310:	_____	325:	_____
311:	_____	326:	_____
312:	_____	327:	_____
313:	_____	328:	_____
314:	_____	329:	_____



Page 2 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

330:	_____	345:	_____
331:	_____	346:	_____
332:	_____	347:	_____
333:	_____	348:	_____
334:	_____	349:	_____
335:	_____	350:	_____
336:	_____	351:	_____
337:	_____	352:	_____
338:	_____	353:	_____
339:	_____	354:	_____
340:	_____	355:	_____
341:	_____	356:	_____
342:	_____	357:	_____
343:	_____	358:	_____
344:	_____	359:	_____

Abbreviated Dialing—Enhanced List Form 3 (Contd)

Page 3 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

360:	_____	375:	_____
361:	_____	376:	_____
362:	_____	377:	_____
363:	_____	378:	_____
364:	_____	379:	_____
365:	_____	380:	_____
366:	_____	381:	_____
367:	_____	382:	_____
368:	_____	383:	_____
369:	_____	384:	_____
370:	_____	385:	_____
371:	_____	386:	_____
372:	_____	387:	_____
373:	_____	388:	_____
374:	_____	389:	_____

Page 4 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

390:	_____
391:	_____
392:	_____
393:	_____
394:	_____
395:	_____
396:	_____
397:	_____
398:	_____
399:	_____

Abbreviated Dialing—Enhanced List Form 4

Page 1 of 4

ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

400:	_____	415:	_____
401:	_____	416:	_____
402:	_____	417:	_____
403:	_____	418:	_____
404:	_____	419:	_____
405:	_____	420:	_____
406:	_____	421:	_____
407:	_____	422:	_____
408:	_____	423:	_____
409:	_____	424:	_____
410:	_____	425:	_____
411:	_____	426:	_____
412:	_____	427:	_____
413:	_____	428:	_____
414:	_____	429:	_____

Page 2 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

430:	_____	445:	_____
431:	_____	446:	_____
432:	_____	447:	_____
433:	_____	448:	_____
434:	_____	449:	_____
435:	_____	450:	_____
436:	_____	451:	_____
437:	_____	452:	_____
438:	_____	453:	_____
439:	_____	454:	_____
440:	_____	455:	_____
441:	_____	456:	_____
442:	_____	457:	_____
443:	_____	458:	_____
444:	_____	459:	_____

Abbreviated Dialing—Enhanced List Form 4 (Contd)

Page 3 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

460:	_____	475:	_____
461:	_____	476:	_____
462:	_____	477:	_____
463:	_____	478:	_____
464:	_____	479:	_____
465:	_____	480:	_____
466:	_____	481:	_____
467:	_____	482:	_____
468:	_____	483:	_____
469:	_____	484:	_____
470:	_____	485:	_____
471:	_____	486:	_____
472:	_____	487:	_____
473:	_____	488:	_____
474:	_____	489:	_____

Page 4 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

490:	_____
491:	_____
492:	_____
493:	_____
494:	_____
495:	_____
496:	_____
497:	_____
498:	_____
499:	_____

Abbreviated Dialing—Enhanced List Form 5

Page 1 of 4

ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

500:		515:	
501:		516:	
502:		517:	
503:		518:	
504:		519:	
505:		520:	
506:		521:	
507:		522:	
508:		523:	
509:		524:	
510:		525:	
511:		526:	
512:		527:	
513:		528:	
514:		529:	

Page 2 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

530:		545:	
531:		546:	
532:		547:	
533:		548:	
534:		549:	
535:		550:	
536:		551:	
537:		552:	
538:		553:	
539:		554:	
540:		555:	
541:		556:	
542:		557:	
543:		558:	
544:		559:	

Abbreviated Dialing—Enhanced List Form 5 (Contd)

Page 3 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

560:	_____	575:	_____
561:	_____	576:	_____
562:	_____	577:	_____
563:	_____	578:	_____
564:	_____	579:	_____
565:	_____	580:	_____
566:	_____	581:	_____
567:	_____	582:	_____
568:	_____	583:	_____
569:	_____	584:	_____
570:	_____	585:	_____
571:	_____	586:	_____
572:	_____	587:	_____
573:	_____	588:	_____
574:	_____	589:	_____

Page 4 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

590:	_____
591:	_____
592:	_____
593:	_____
594:	_____
595:	_____
596:	_____
597:	_____
598:	_____
599:	_____

Abbreviated Dialing—Enhanced List Form 6

Page 1 of 4

ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

600:	_____	615:	_____
601:	_____	616:	_____
602:	_____	617:	_____
603:	_____	618:	_____
604:	_____	619:	_____
605:	_____	620:	_____
606:	_____	621:	_____
607:	_____	622:	_____
608:	_____	623:	_____
609:	_____	624:	_____
610:	_____	625:	_____
611:	_____	626:	_____
612:	_____	627:	_____
613:	_____	628:	_____
614:	_____	629:	_____

Page 2 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

630:	_____	645:	_____
631:	_____	646:	_____
632:	_____	647:	_____
633:	_____	648:	_____
634:	_____	649:	_____
635:	_____	650:	_____
636:	_____	651:	_____
637:	_____	652:	_____
638:	_____	653:	_____
639:	_____	654:	_____
640:	_____	655:	_____
641:	_____	656:	_____
642:	_____	657:	_____
643:	_____	658:	_____
644:	_____	659:	_____

Abbreviated Dialing—Enhanced List Form 6 (Contd)

Page 3 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

660: _____
661: _____
662: _____
663: _____
664: _____
665: _____
666: _____
667: _____
668: _____
669: _____
670: _____
671: _____
672: _____
673: _____
674: _____
675: _____
676: _____
677: _____
678: _____
679: _____
680: _____
681: _____
682: _____
683: _____
684: _____
685: _____
686: _____
687: _____
688: _____
689: _____

Page 4 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

690: _____
691: _____
692: _____
693: _____
694: _____
695: _____
696: _____
697: _____
698: _____
699: _____

Abbreviated Dialing—Enhanced List Form 7

Page 1 of 4

ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

700:	_____	715:	_____
701:	_____	716:	_____
702:	_____	717:	_____
703:	_____	718:	_____
704:	_____	719:	_____
705:	_____	720:	_____
706:	_____	721:	_____
707:	_____	722:	_____
708:	_____	723:	_____
709:	_____	724:	_____
710:	_____	725:	_____
711:	_____	726:	_____
712:	_____	727:	_____
713:	_____	728:	_____
714:	_____	729:	_____

Page 2 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

730:	_____	745:	_____
731:	_____	746:	_____
732:	_____	747:	_____
733:	_____	748:	_____
734:	_____	749:	_____
735:	_____	750:	_____
736:	_____	751:	_____
737:	_____	752:	_____
738:	_____	753:	_____
739:	_____	754:	_____
740:	_____	755:	_____
741:	_____	756:	_____
742:	_____	757:	_____
743:	_____	758:	_____
744:	_____	759:	_____

Abbreviated Dialing—Enhanced List Form 7 (Contd)

Page 3 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

760:	_____	775:	_____
761:	_____	776:	_____
762:	_____	777:	_____
763:	_____	778:	_____
764:	_____	779:	_____
765:	_____	780:	_____
766:	_____	781:	_____
767:	_____	782:	_____
768:	_____	783:	_____
769:	_____	784:	_____
770:	_____	785:	_____
771:	_____	786:	_____
772:	_____	787:	_____
773:	_____	788:	_____
774:	_____	789:	_____

Page 4 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

790:	_____
791:	_____
792:	_____
793:	_____
794:	_____
795:	_____
796:	_____
797:	_____
798:	_____
799:	_____

Abbreviated Dialing—Enhanced List Form 8

Page 1 of 4

ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

800:	_____	815:	_____
801:	_____	816:	_____
802:	_____	817:	_____
803:	_____	818:	_____
804:	_____	819:	_____
805:	_____	820:	_____
806:	_____	821:	_____
807:	_____	822:	_____
808:	_____	823:	_____
809:	_____	824:	_____
810:	_____	825:	_____
811:	_____	826:	_____
812:	_____	827:	_____
813:	_____	828:	_____
814:	_____	829:	_____

Page 2 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

830:	_____	845:	_____
831:	_____	846:	_____
832:	_____	847:	_____
833:	_____	848:	_____
834:	_____	849:	_____
835:	_____	850:	_____
836:	_____	851:	_____
837:	_____	852:	_____
838:	_____	853:	_____
839:	_____	854:	_____
840:	_____	855:	_____
841:	_____	856:	_____
842:	_____	857:	_____
843:	_____	858:	_____
844:	_____	859:	_____

Abbreviated Dialing—Enhanced List Form 8 (Contd)

Page 3 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

860:	_____	875:	_____
861:	_____	876:	_____
862:	_____	877:	_____
863:	_____	878:	_____
864:	_____	879:	_____
865:	_____	880:	_____
866:	_____	881:	_____
867:	_____	882:	_____
868:	_____	883:	_____
869:	_____	884:	_____
870:	_____	885:	_____
871:	_____	886:	_____
872:	_____	887:	_____
873:	_____	888:	_____
874:	_____	889:	_____

Page 4 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

890:	_____
891:	_____
892:	_____
893:	_____
894:	_____
895:	_____
896:	_____
897:	_____
898:	_____
899:	_____

Abbreviated Dialing—Enhanced List Form 9

Page 1 of 4

ABBREVIATED DIALING LIST
Enhanced List

Size (multiple of 5): _ Privileged? _

DIAL CODE

900:	_____	915:	_____
901:	_____	916:	_____
902:	_____	917:	_____
903:	_____	918:	_____
904:	_____	919:	_____
905:	_____	920:	_____
906:	_____	921:	_____
907:	_____	922:	_____
908:	_____	923:	_____
909:	_____	924:	_____
910:	_____	925:	_____
911:	_____	926:	_____
912:	_____	927:	_____
913:	_____	928:	_____
914:	_____	929:	_____

Page 2 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

930:	_____	945:	_____
931:	_____	946:	_____
932:	_____	947:	_____
933:	_____	948:	_____
934:	_____	949:	_____
935:	_____	950:	_____
936:	_____	951:	_____
937:	_____	952:	_____
938:	_____	953:	_____
939:	_____	954:	_____
940:	_____	955:	_____
941:	_____	956:	_____
942:	_____	957:	_____
943:	_____	958:	_____
944:	_____	959:	_____

Abbreviated Dialing—Enhanced List Form 9 (Contd)

Page 3 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

960:	_____	975:	_____
961:	_____	976:	_____
962:	_____	977:	_____
963:	_____	978:	_____
964:	_____	979:	_____
965:	_____	980:	_____
966:	_____	981:	_____
967:	_____	982:	_____
968:	_____	983:	_____
969:	_____	984:	_____
970:	_____	985:	_____
971:	_____	986:	_____
972:	_____	987:	_____
973:	_____	988:	_____
974:	_____	989:	_____

Page 4 of 4

ABBREVIATED DIALING LIST
Enhanced List

DIAL CODE

990:	_____
991:	_____
992:	_____
993:	_____
994:	_____
995:	_____
996:	_____
997:	_____
998:	_____
999:	_____

Abbreviated Dialing—Group List

Page 1 of y

ABBREVIATED DIALING LIST

Group List: ____

Size (multiple of 5): __ Privileged? _

DIAL CODE

11: _____	26: _____
12: _____	27: _____
13: _____	28: _____
14: _____	29: _____
15: _____	30: _____
16: _____	31: _____
17: _____	32: _____
18: _____	33: _____
19: _____	34: _____
20: _____	35: _____
21: _____	36: _____
22: _____	37: _____
23: _____	38: _____
24: _____	39: _____
25: _____	40: _____

Implementation Note:

The default value for Size is 5. Therefore, only DIAL CODES 11 through 15 will be displayed initially. If Size equals 35 through 60, this form becomes two pages. If Size equals 65 through 90, this form becomes three pages.

Abbreviated Dialing—Group List (Contd)

Page 2 of y

ABBREVIATED DIALING LIST

DIAL CODE

41: _____	56: _____
42: _____	57: _____
43: _____	58: _____
44: _____	59: _____
45: _____	60: _____
46: _____	61: _____
47: _____	62: _____
48: _____	63: _____
49: _____	64: _____
50: _____	65: _____
51: _____	66: _____
52: _____	67: _____
53: _____	68: _____
54: _____	69: _____
55: _____	70: _____

Implementation Note:

The default value for Size is 5. Therefore, only DIAL CODES 11 through 15 will be displayed initially. If the Size field on page 1 is 35 through 60, this form becomes two pages. If Size is 65 through 90, this form becomes three pages.

Abbreviated Dialing—Group List (Contd)

Page 3 of 3

ABBREVIATED DIALING LIST

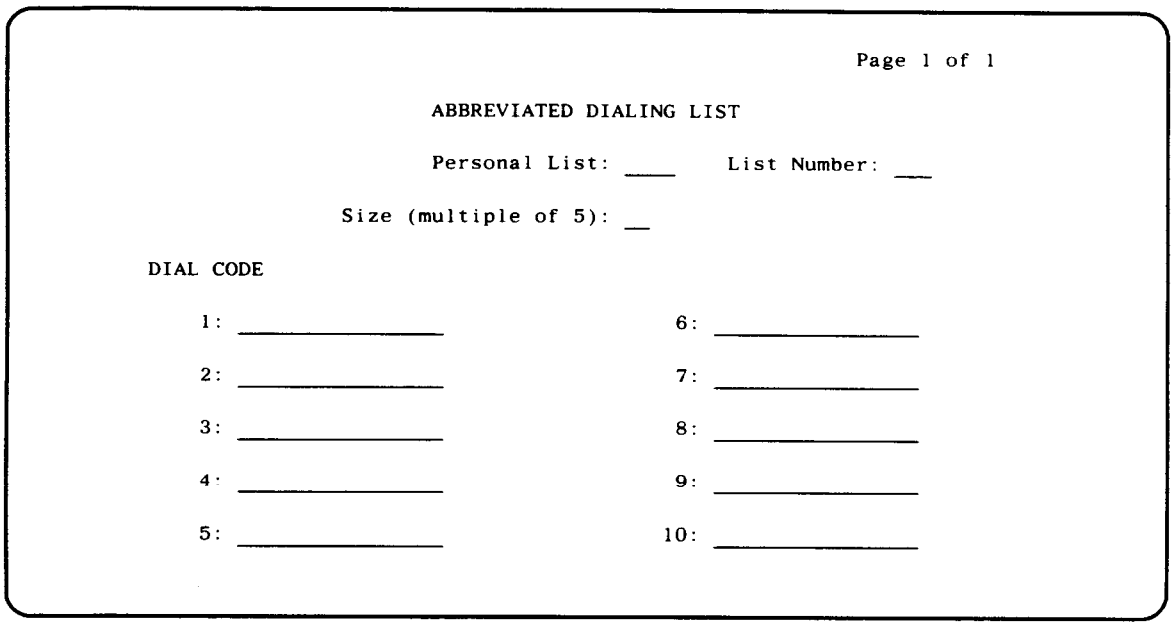
DIAL CODE

71:	_____	86:	_____
72:	_____	87:	_____
73:	_____	88:	_____
74:	_____	89:	_____
75:	_____	90:	_____
76:	_____	91:	_____
77:	_____	92:	_____
78:	_____	93:	_____
79:	_____	94:	_____
80:	_____	95:	_____
81:	_____	96:	_____
82:	_____	97:	_____
83:	_____	98:	_____
84:	_____	99:	_____
85:	_____	00:	_____

Implementation Note:

The default value for Size is 5. Therefore, only DIAL CODES 11 through 15 will be displayed initially. If the Size field on page 1 is 35 through 60, this form becomes two pages. If Size is 65 through 90, this form becomes three pages.

Abbreviated Dialing—Personal List



Page 1 of 1

ABBREVIATED DIALING LIST

Personal List: ____ List Number: ___

Size (multiple of 5): __

DIAL CODE

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

Implementation Note:

The default value for Size is 5. Therefore, only DIAL CODES 1 through 5 will be displayed initially. If Size equals 10, then DIAL CODES 6 through 10 will also be displayed.

Abbreviated Dialing—System List

Page 1 of y

ABBREVIATED DIALING LIST

System List

Size (multiple of 5): __ Privileged? _

DIAL CODE			
11:	_____	26:	_____
12:	_____	27:	_____
13:	_____	28:	_____
14:	_____	29:	_____
15:	_____	30:	_____
16:	_____	31:	_____
17:	_____	32:	_____
18:	_____	33:	_____
19:	_____	34:	_____
20:	_____	35:	_____
21:	_____	36:	_____
22:	_____	37:	_____
23:	_____	38:	_____
24:	_____	39:	_____
25:	_____	40:	_____

Implementation Note:

The default value for Size is 5. Therefore, only DIAL CODES 11 through 15 will be displayed initially. If Size equals 35 through 60, this form becomes two pages. If Size equals 65 through 90, this form becomes three pages.

Abbreviated Dialing—System List (Contd)

Page 2 of y

ABBREVIATED DIALING LIST

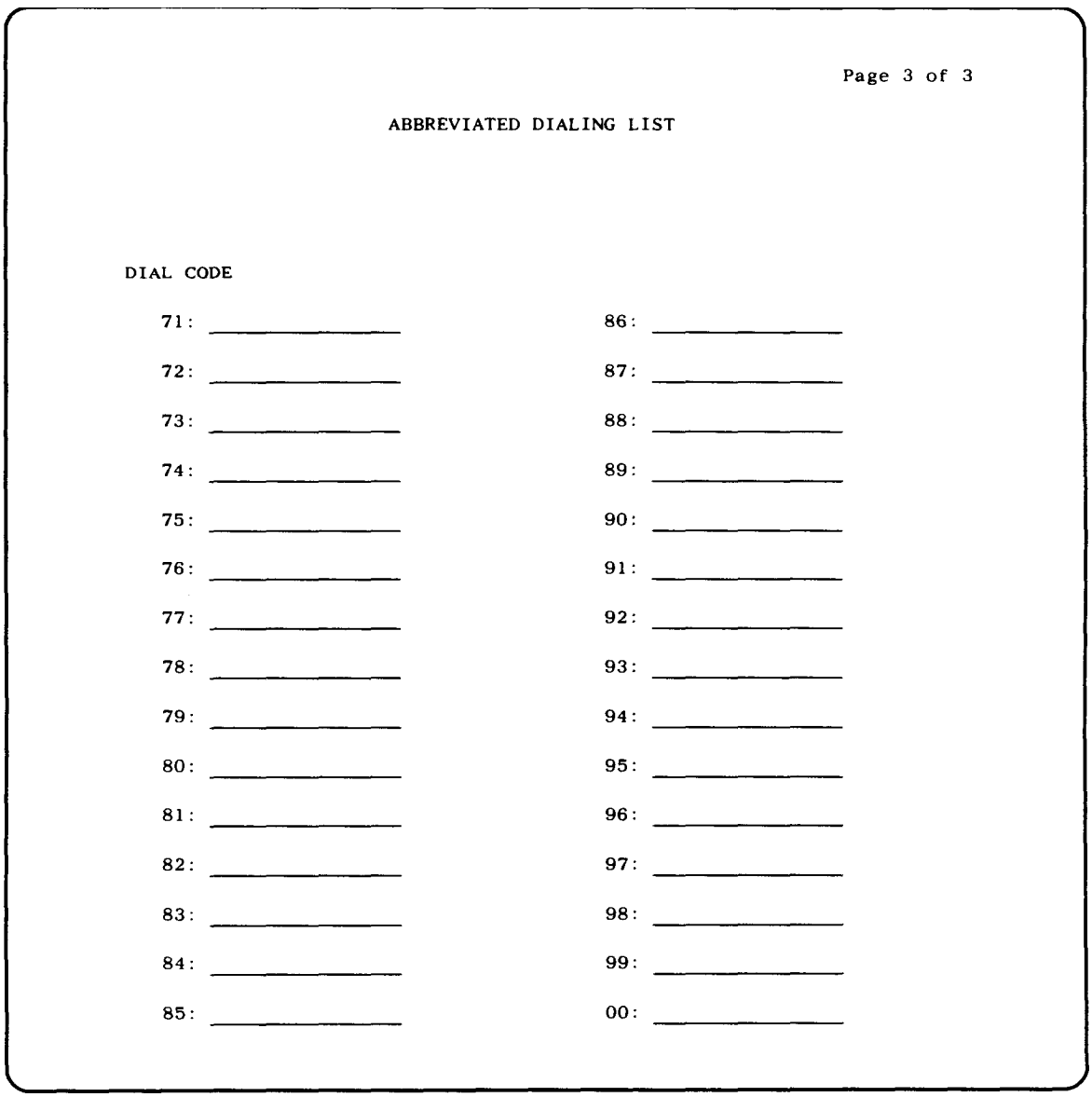
DIAL CODE

41:	_____	56:	_____
42:	_____	57:	_____
43:	_____	58:	_____
44:	_____	59:	_____
45:	_____	60:	_____
46:	_____	61:	_____
47:	_____	62:	_____
48:	_____	63:	_____
49:	_____	64:	_____
50:	_____	65:	_____
51:	_____	66:	_____
52:	_____	67:	_____
53:	_____	68:	_____
54:	_____	69:	_____
55:	_____	70:	_____

Implementation Note:

The default value for Size is 5. Therefore, only DIAL CODES 11 through 15 will be displayed initially. If the Size field on page 1 is 35 through 60, this form becomes two pages. If Size is 65 through 90, this form becomes three pages.

Abbreviated Dialing—System List (Contd)



Page 3 of 3

ABBREVIATED DIALING LIST

DIAL CODE

71:	_____	86:	_____
72:	_____	87:	_____
73:	_____	88:	_____
74:	_____	89:	_____
75:	_____	90:	_____
76:	_____	91:	_____
77:	_____	92:	_____
78:	_____	93:	_____
79:	_____	94:	_____
80:	_____	95:	_____
81:	_____	96:	_____
82:	_____	97:	_____
83:	_____	98:	_____
84:	_____	99:	_____
85:	_____	00:	_____

implementation Note:

The default value for Size is 5. Therefore, only DIAL CODES 11 through 15 will be displayed initially. If the Size field on page 1 is 35 through 60, this form becomes two pages. If Size is 65 through 90, this form becomes three pages.

Abbreviated Dialing—7103A List

Page 1 of 1

ABBREVIATED DIALING LIST

7103A Button Assignment

DIAL CODE (FOR THE 7103A STATION BUTTONS)

1: _____	5: _____
2: _____	6: _____
3: _____	7: _____
4: _____	8: _____

Access Trunk Group

```
                              TRUNK GROUP                    Page 1 of 5

     Group Number: __            Group Type: access     SMDR Reports? _

       Group Name: ________________     COR: __                 TAC: ___

        Direction: ________ Outgoing Display? __     Data Restriction? _

     MIS Measured? _

      Dial Access? _        Busy Threshold: __           Night Service: ____

     Queue Length: ___           Auth Code: _  Incoming Destination: _

        Comm Type: _____

   TRUNK PARAMETERS
     Trunk Type (in/out): ____________  Incoming Rotary Timeout(sec): __

      Outgoing Dial Type: ________               Incoming Dial Type: ______

                                         Disconnect Timing(msec): ____

         Digit Treatment: __________                         Digits: _____

            Used for DCS? _       PBX ID: __

          ACA Assignment? _             Long Holding Time(hours): ___

Short Holding Time(secs.): ___           Short Holding Threshold: __

       Incoming Dial Tone? _                  Maintenance Tests? _

Answer Supervision Timeout? _              Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- Long Holding Time (hours)
- Short Holding Time (secs.)
- Short Holding Threshold

The PBX ID field only appears on this form if y is assigned to the Used for DCS field.

Access Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

Access Trunk Group (Contd)

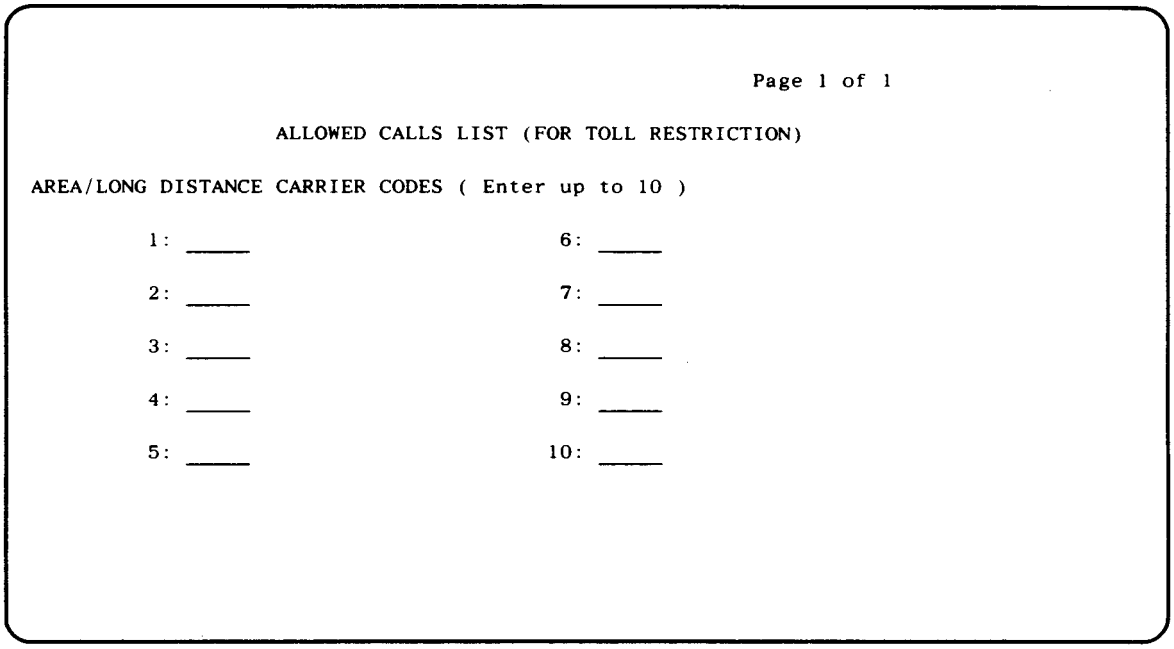
GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Allowed Calls List



Page 1 of 1

ALLOWED CALLS LIST (FOR TOLL RESTRICTION)

AREA/LONG DISTANCE CARRIER CODES (Enter up to 10)

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

APLT Trunk Group

```
                              TRUNK GROUP                     Page 1 of 5

     Group Number: __             Group Type: aplt       SMDR Reports? _

       Group Name: ________________      COR: __                  TAC: ___

        Direction: ________ Outgoing Display? _     Data Restriction? _

     MIS Measured? _

      Dial Access? _          Busy Threshold: __        Night Service: ____

     Queue Length: ___        Internal Alert? _  Incoming Destination: _

                                  Auth Code? _

  TRUNK PARAMETERS
     Trunk Type(in/out): ____________   Incoming Rotary Timeout(sec): _

     Outgoing Dial Type: ________                 Incoming Dial Type: ______

                                            Disconnect Timing(msec): ____

         ACA Assignment? _                  Long Holding Time(hours): ___

Short Holding Time(secs.): ___               Short Holding Threshold: ___

     Incoming Dial Tone? _                         Maintenance Tests? _

Answer Supervision Timeout: ___                 Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

APLT Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

APLT Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Attendant Console

Page 1 of 3

ATTENDANT CONSOLE _

Extension: _____ Name: _____ Auto Answer: _____

Console Type: _____ COS: __

Port: ____ COR: __

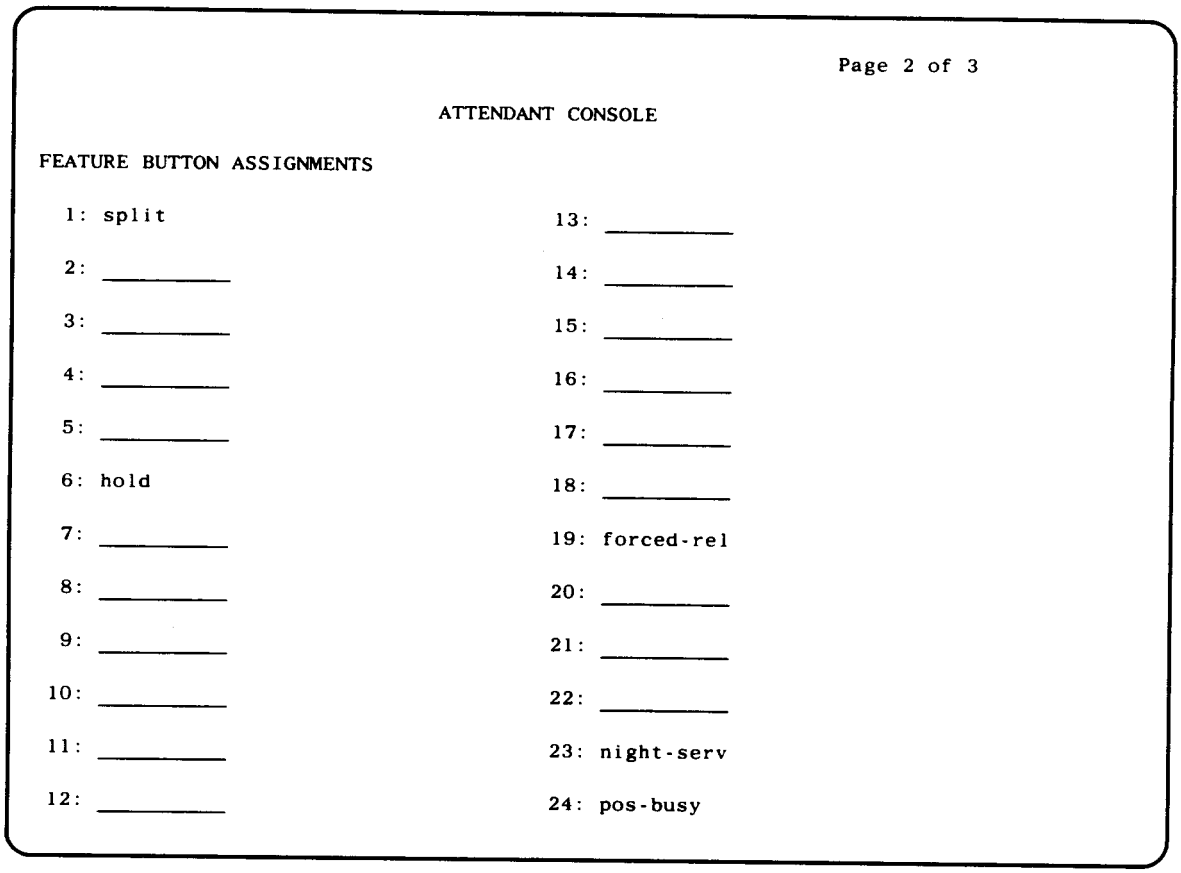
DIRECT TRUNK GROUP SELECT BUTTON ASSIGNMENTS (Trunk Access Codes)

	Local	Remote		Local	Remote
1:	___	___	7:	___	___
2:	___	___	8:	___	___
3:	___	___	9:	___	___
4:	___	___	10:	___	___
5:	___	___	11:	___	___
6:	___	___	12:	___	___

HUNDREDS SELECT BUTTON ASSIGNMENTS

1:	___	5:	___
2:	___	6:	___
3:	___	7:	___
4:	___	8:	___

Attendant Console (Contd)



Page 2 of 3

ATTENDANT CONSOLE

FEATURE BUTTON ASSIGNMENTS

1: split	13: _____
2: _____	14: _____
3: _____	15: _____
4: _____	16: _____
5: _____	17: _____
6: hold	18: _____
7: _____	19: forced-rel
8: _____	20: _____
9: _____	21: _____
10: _____	22: _____
11: _____	23: night-serv
12: _____	24: pos-busy

Attendant Console (Contd)

ATTENDANT CONSOLE

DISPLAY MODULE BUTTON ASSIGNMENTS

1: _____	5: _____
2: _____	6: _____
3: _____	7: _____
4: _____	8: _____

Authorization Codes

Authorization Code - COR Mapping

Number of Codes Administered: _____

AC	COR	AC	COR	AC	COR	AC	COR	AC	COR	AC	COR

Automatic Route Selection—Foreign Numbering Plan Area (FNPA)

Page 1 of 1

ARS FNPA TABLE

Partitioned Group Number: ___

Pattern Choice Assignments

000-019	100-119	200-219	300-319	400-419
00:___ 10:___	00:___ 10:___	00:___ 10:___	00:___ 10:___	00:___ 10:___
01:___ 11:___	01:___ 11:___	01:___ 11:___	01:___ 11:___	01:___ 11:___
02:___ 12:___	02:___ 12:___	02:___ 12:___	02:___ 12:___	02:___ 12:___
03:___ 13:___	03:___ 13:___	03:___ 13:___	03:___ 13:___	03:___ 13:___
04:___ 14:___	04:___ 14:___	04:___ 14:2__	04:___ 14:___	04:___ 14:___
05:___ 15:___	05:___ 15:___	05:___ 15:___	05:___ 15:___	05:___ 15:___
06:___ 16:___	06:___ 16:___	06:___ 16:___	06:___ 16:___	06:___ 16:___
07:___ 17:___	07:___ 17:___	07:___ 17:___	07:___ 17:___	07:___ 17:___
08:___ 18:___	08:___ 18:___	08:___ 18:___	08:___ 18:___	08:___ 18:___
09:___ 19:___	09:___ 19:___	09:___ 19:___	09:___ 19:___	09:___ 19:___

Automatic Route Selection—Foreign Numbering Plan Area (FNPA) (Contd)

Page 1 of 1

ARS FNPA TABLE

Partitioned Group Number: _
Pattern Choice Assignments

500-519		600-619		700-719		800-819		900-919	
00:___	10:___	00:___	10:___	00:___	10:___	00:___	10:___	00:___	10:___
01:___	11:___	01:___	11:___	01:___	11:___	01:___	11:___	01:___	11:___
02:___	12:___	02:___	12:___	02:___	12:___	02:___	12:___	02:___	12:___
03:___	13:___	03:___	13:___	03:___	13:___	03:___	13:___	03:___	13:___
04:___	14:___	04:___	14:___	04:___	14:___	04:___	14:___	04:___	14:___
05:___	15:___	05:___	15:___	05:___	15:___	05:___	15:___	05:___	15:___
06:___	16:___	06:___	16:___	06:___	16:___	06:___	16:___	06:___	16:___
07:___	17:___	07:___	17:___	07:___	17:___	07:___	17:___	07:___	17:___
08:___	18:___	08:___	18:___	08:___	18:___	08:___	18:___	08:___	18:___
09:___	19:___	09:___	19:___	09:___	19:___	09:___	19:___	09:___	19:___

Automatic Route Selection—Home Numbering Plan Area (HNPA)

ARS HNPA TABLE

OFFICE CODE: ___ - ___

Partitioned Group Number: 1_

Pattern Choice Assignments

00: ___	10: ___	20: ___	30: ___	40: ___	50: ___	60: ___	70: ___	80: ___	90: ___
01: ___	11: ___	21: ___	31: ___	41: ___	51: ___	61: ___	71: ___	81: ___	91: ___
02: ___	12: ___	22: ___	32: ___	42: ___	52: ___	62: ___	72: ___	82: ___	92: ___
03: ___	13: ___	23: ___	33: ___	43: ___	53: ___	63: ___	73: ___	83: ___	93: ___
04: ___	14: ___	24: ___	34: ___	44: ___	54: ___	64: ___	74: ___	84: ___	94: ___
05: ___	15: ___	25: ___	35: ___	45: ___	55: ___	65: ___	75: ___	85: ___	95: ___
06: ___	16: ___	26: ___	36: ___	46: ___	56: ___	66: ___	76: ___	86: ___	96: ___
07: ___	17: ___	27: ___	37: ___	47: ___	57: ___	67: ___	77: ___	87: ___	97: ___
08: ___	18: ___	28: ___	38: ___	48: ___	58: ___	68: ___	78: ___	88: ___	98: ___
09: ___	19: ___	29: ___	39: ___	49: ___	59: ___	69: ___	79: ___	89: ___	99: ___

Note: **System 75 recognizes the service codes 411, 611, and 911 as area codes because of the middle digit, 1. Therefore, these codes must be administered in the FNPA table.**

Automatic Route Selection—Remote Home Numbering Plan Area (RHNPA)

Page 1 of 1

ARS RHNPA TABLE: __

OFFICE CODE: _ _ _

Pattern Choices

1: ___ 3: ___ 5: ___ 7: ___ 9: ___ 11: ___
2: ___ 4: ___ 6: ___ 8: ___ 10: ___ 12: ___

Office Code —Pattern Choice Assignments (from 1-12 above)

00: ___ 10: ___ 20: ___ 30: ___ 40: ___ 50: ___ 60: ___ 70: ___ 80: ___ 90: ___

01: ___ 11: ___ 21: ___ 31: ___ 41: ___ 51: ___ 61: ___ 71: ___ 81: ___ 91: ___

02: ___ 12: ___ 22: ___ 32: ___ 42: ___ 52: ___ 62: ___ 72: ___ 82: ___ 92: ___

03: ___ 13: ___ 23: ___ 33: ___ 43: ___ 53: ___ 63: ___ 73: ___ 83: ___ 93: ___

04: ___ 14: ___ 24: ___ 34: ___ 44: ___ 54: ___ 64: ___ 74: ___ 84: ___ 94: ___

05: ___ 15: ___ 25: ___ 35: ___ 45: ___ 55: ___ 65: ___ 75: ___ 85: ___ 95: ___

06: ___ 16: ___ 26: ___ 36: ___ 46: ___ 56: ___ 66: ___ 76: ___ 86: ___ 96: ___

07: ___ 17: ___ 27: ___ 37: ___ 47: ___ 57: ___ 67: ___ 77: ___ 87: ___ 97: ___

08: ___ 18: ___ 28: ___ 38: ___ 48: ___ 58: ___ 68: ___ 78: ___ 88: ___ 98: ___

09: ___ 19: ___ 29: ___ 39: ___ 49: ___ 59: ___ 69: ___ 79: ___ 89: ___ 99: ___

Automatic Route Selection—Toll Table

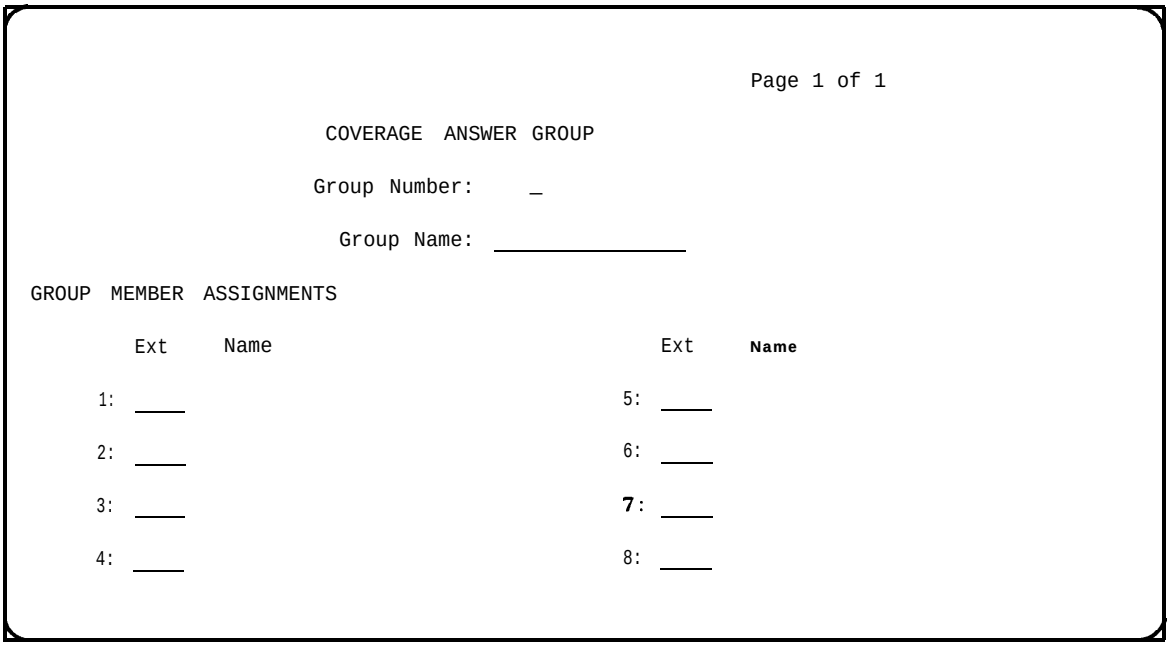
Page 1 of 1

ARS TOLL TABLE: __

OFFICE CODES: _____

00: _	10: _	20: _	30: _	40: _	50: _	60: _	70: _	80: _	90: _
01: _	11: _	21: _	31: _	41: _	51: _	61: _	71: _	81: _	91: _
02: _	12: _	22: _	32: _	42: _	52: _	62: _	72: _	82: _	92: _
03: _	13: _	23: _	33: _	43: _	53: _	63: _	73: _	83: _	93: _
04: _	14: _	24: _	34: _	44: _	54: _	64: _	74: _	84: _	94: _
05: _	15: _	25: _	35: _	45: _	55: _	65: _	75: _	85: _	95: _
06: _	16: _	26: _	36: _	46: _	56: _	66: _	76: _	86: _	96: _
07: _	17: _	27: _	37: _	47: _	57: _	67: _	77: _	87: _	97: _
08: _	18: _	28: _	38: _	48: _	58: _	68: _	78: _	88: _	98: _
09: _	19: _	29: _	39: _	49: _	59: _	69: _	79: _	89: _	99: _

Call Coverage Answer Group



Page 1 of 1

COVERAGE ANSWER GROUP

Group Number: _

Group Name: _____

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext	Name
1:	____		5:	____	
2:	____		6:	____	
3:	____		7:	____	
4:	____		8:	____	

Call Coverage Module

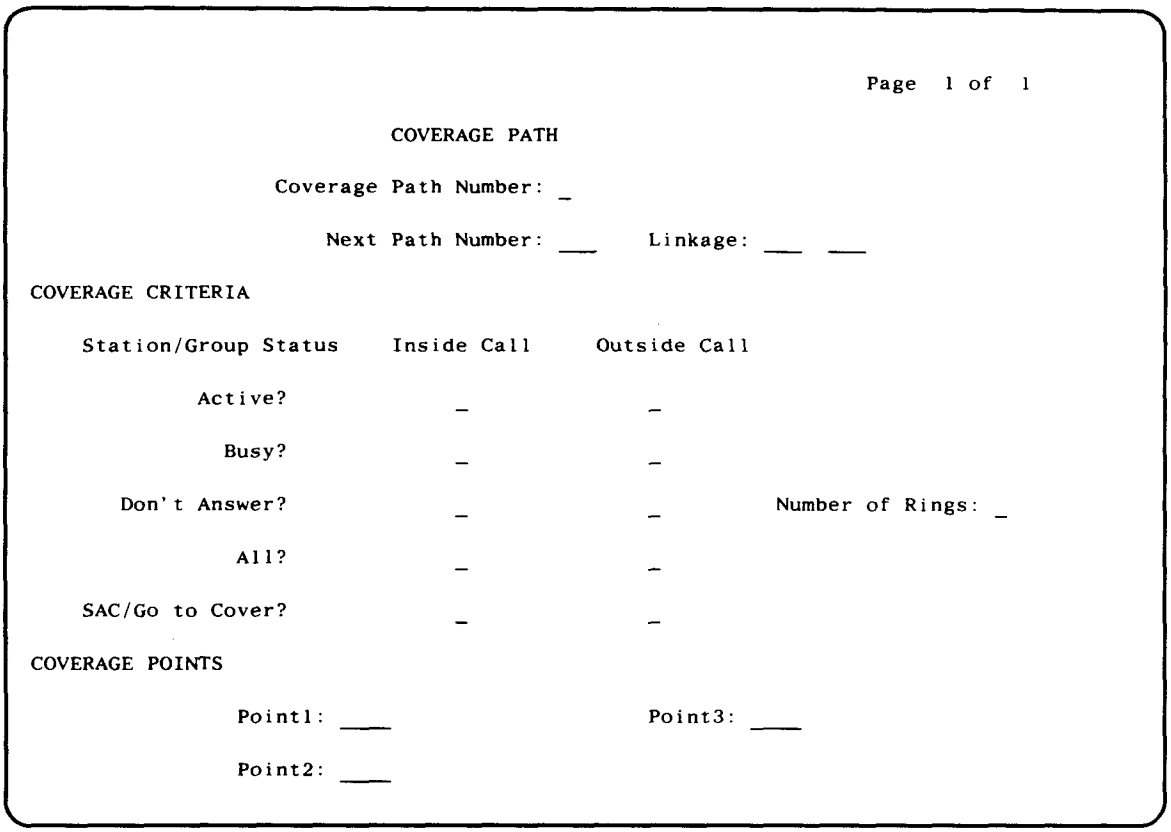
Page 1 of 1

STATION

COVERAGE MODULE BUTTON ASSIGNMENTS

1:	_____	11:	_____
2:	_____	12:	_____
3:	_____	13:	_____
4:	_____	14:	_____
5:	_____	15:	_____
6:	_____	16:	_____
7:	_____	17:	_____
8:	_____	18:	_____
9:	_____	19:	_____
10:	_____	20:	_____

Call Coverage Paths



```
                                                        Page  1 of  1

                          COVERAGE PATH

                  Coverage Path Number: _

                      Next Path Number: ___    Linkage: ___  ___

COVERAGE CRITERIA

    Station/Group Status    Inside Call     Outside Call

             Active?              _               _

               Busy?              _               _

        Don't Answer?             _               _        Number of Rings: _

                All?              _               _

    SAC/Go to Cover?              _               _

COVERAGE POINTS

                Point1: ____                  Point3: ____

                Point2: ____
```

Central Office Trunk Group

```
                         TRUNK GROUP                    Page 1 of 5

      Group Number: __            Group Type: co       SMDR Reports? _

        Group Name: ________________      COR: __              TAC: ___

         Direction: ________ Outgoing Display? _     Data Restriction? _


    MIS Measured? _

     Dial Access? _          Busy Threshold: __           Night Service: ____

    Queue Length: ___   Abandoned Call Search? _      Incoming Destination: _

       Comm Type: ___             Auth Code? _     Digit Absorption List: _

       Prefix-1? _             Restriction: ____      Allowed Calls List? _

       TRUNK PARAMETERS

               Trunk Type: ____________

       Outgoing Dial Type: ________

        Trunk Termination: ______          Disconnect Timing(msec): ____

           ACA Assignment? _              Long Holding Time(hours): ___

Short Holding Time(secs.): ___             Short Holding Threshold: __

                                                Maintenance Tests? _

Answer Supervision Timeout: _                Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

Central Office Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

Central Office Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Class of Restriction

Page 1 of 1

CLASS OF RESTRICTION

COR Number: __ FRL: _

APLT? _ Calling Party Restriction: _____

Partitioned Group Number: _ Called Party Restriction: _____

Service Observing? _ Forced Entry of Account Codes? _

Priority Queueing? _

CALLING PERMISSION (Enter "y" to grant permission to call specified COR)

0? _	8? _	16? _	24? _	32? _	40? _	48? _	56? _
1? _	9? _	17? _	25? _	33? _	41? _	49? _	57? _
2? _	10? _	18? _	26? _	34? _	42? _	50? _	58? _
3? _	11? _	19? _	27? _	35? _	43? _	51? _	59? _
4? _	12? _	20? _	28? _	36? _	44? _	52? _	60? _
5? _	13? _	21? _	29? _	37? _	45? _	53? _	61? _
6? _	14? _	22? _	30? _	38? _	46? _	54? _	62? _
7? _	15? _	23? _	31? _	39? _	47? _	55? _	63? _

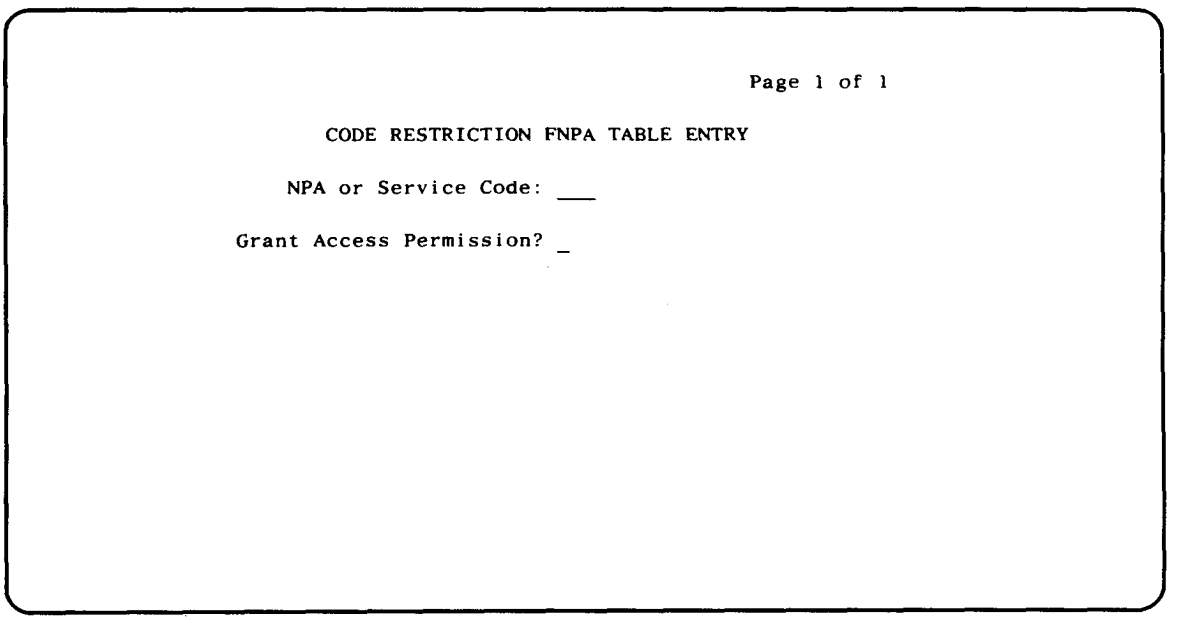
Class of Service

Page 1 of 1

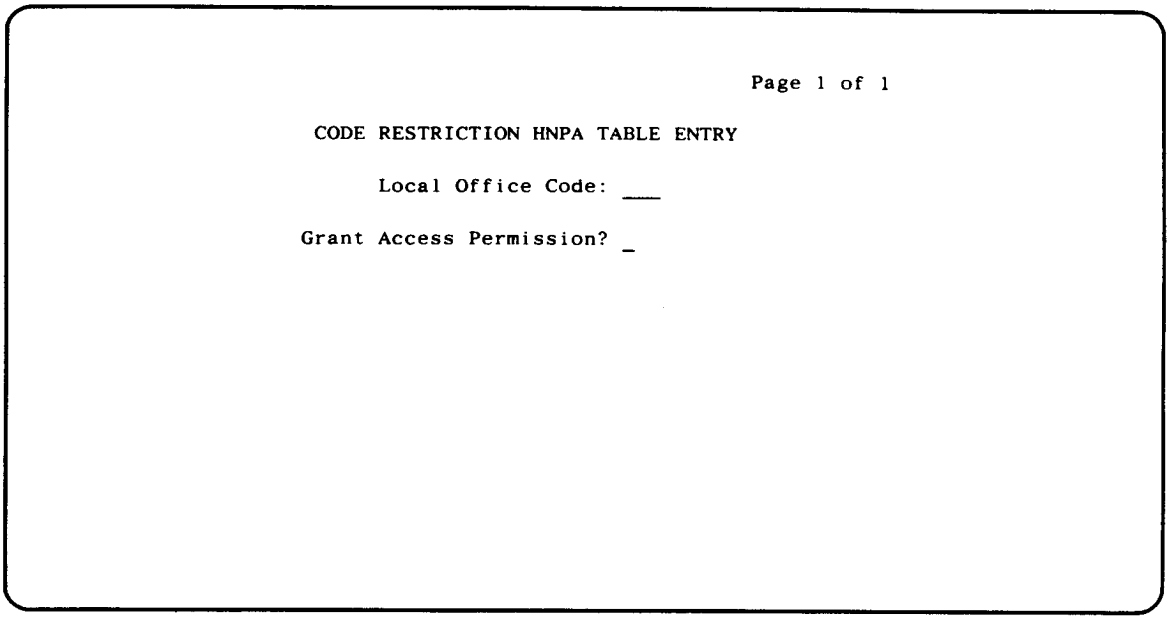
CLASS OF SERVICE

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Auto Callback	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Call Fwd-All Calls	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Data Privacy	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Priority Calling	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Console Perms	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Off-hook Alert	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
Client	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

Code Restriction FNPA



Code Restriction HNPA



Console Parameters

Page 1 of 1

CONSOLE PARAMETERS

COS: __ COR: __

Time Reminder on Hold (sec): ____ Return Call Timeout (sec): ____

Calls In Queue Warning: __ Time In Queue Warning (sec): ___

Ext Alert Port (TAAS): _____ Attendant Lockout? _

Cas? _ RLT Trunk Group No.: ___

CAS Back-Up Ext.? _ Night Service Act. Ext.: _____

IAS (Branch)? _ IAS Tie Trunk Group No.: ____

IAS Att. Access Code: _____ DID-LDN Only to LDN Night Ext? ___

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

COMMON SHARED EXTENSIONS

Starting Extension: ____ Count: __

ASSIGNED MEMBERS (Installed attendant console types)

1: _____ 5: _____

2: _____ 6: _____

3: _____ 7: _____

4: _____

CPE Trunk Group

```
                          TRUNK GROUP                         Page 1 of 5

     Group Number: __            Group Type: cpe          SMDR Reports? _

       Group Name: ________________     COR: __                     TAC: ___

                          Outgoing Display? _         Data Restriction? _

     MIS Measured? _

     Dial Access? _          Busy Threshold: __

     Queue Length: ___


     TRUNK PARAMETERS

                                         Disconnect Timing(msec): ____

     End-to-End Signaling: ___

           ACA Assignment? _             Long Holding Time(hours): __

  Short Holding Time(secs.): ___          Short Holding Threshold: __

                                               Maintenance Tests? _

Answer Supervision Timeout: _              Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.),**
- **Short Holding Threshold**

CPE Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name
1:	_____	_____
2:	_____	_____
3:	_____	_____
4:	_____	_____
5:	_____	_____
6:	_____	_____
7:	_____	_____
8:	_____	_____
9:	_____	_____
10:	_____	_____
11:	_____	_____
12:	_____	_____
13:	_____	_____
14:	_____	_____
15:	_____	_____

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name
16:	_____	_____
17:	_____	_____
18:	_____	_____
19:	_____	_____
20:	_____	_____
21:	_____	_____
22:	_____	_____
23:	_____	_____
24:	_____	_____
25:	_____	_____
26:	_____	_____
27:	_____	_____
28:	_____	_____
29:	_____	_____
30:	_____	_____

CPE Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name
31:	_____	_____
32:	_____	_____
33:	_____	_____
34:	_____	_____
35:	_____	_____
36:	_____	_____
37:	_____	_____
38:	_____	_____
39:	_____	_____
40:	_____	_____
41:	_____	_____
42:	_____	_____
43:	_____	_____
44:	_____	_____
45:	_____	_____

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name
31:	_____	_____
32:	_____	_____
33:	_____	_____
34:	_____	_____
35:	_____	_____
36:	_____	_____
37:	_____	_____
38:	_____	_____
39:	_____	_____
40:	_____	_____
41:	_____	_____
42:	_____	_____
43:	_____	_____
44:	_____	_____
45:	_____	_____

Data Line Data Module

```
                                                        Page 1 of 2

                              DATA MODULE

    Data Extension:                   Type: data-line           Port: __

           Name: ________________     COS: __                   COR: __

      Connected To: ____

ABBREVIATED DIALING

  List1: ____________

HOT LINE DESTINATION
         Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

         Ext     Name                           Ext     Name

      1:                                     3:

      2:                                     4:
```

```
                                                     Page 2 of 2

                              DATA MODULE

CAPABILITIES
                 KYBD Dialing? _

                     Busy Out? _

SPEEDS
      Low? _            1200? _            4800? _            19200? _

      300? _            2400? _            9600? _

OPTIONS
              Permit Mismatch? _
```

Note: If KYBD Dialing is “n,” use this Page 2.

Data Line Data Module (Contd)

```
                                                        Page 2 of 2

                              DATA MODULE

CAPABILITIES
                  KYBD Dialing? _                  Configuration? _

                      Busy Out? _

SPEEDS
       Low? _          1200? _          4800? _         19200? _

       300? _          2400? _          9600? _     Autoadjust? _

OPTIONS
              Permit Mismatch? _                  Dial Echoing? _

          Disconnect Sequence: _________          Answer Text? _

                       Parity: ____          Connected Indication? _
```

Note: If KYBD Dialing is "y," use this Page 2.

Dial Plan

Page 1 of 1

DIAL PLAN RECORD

Area Code: ___

ARS Prefix 1 Required? _

Uniform Dialing Plan? _

FIRST DIGIT TABLE

First Digit	Length -1-	-2-	-3-	-4-	-5-	-6-
1						
2						
3						
4						
5						
6						
7						
8						
9						
0	attendant					
*						
#						

Note: This is a 1-page form if Uniform Dialing Plan is answered "n."

Dial Plan (Contd)

Page 1 of 6

DIAL PLAN RECORD

Area Code: ___

ARS Prefix 1 Required? _

Uniform Dialing Plan? _ Plan Length: _

FIRST DIGIT TABLE

First Digit	Length -1-	-2-	-3-	-4-	-5-	-6-
1						
2						
3						
4						
5						
6						
7						
8						
9						
0						
*						
#						

Note: This form becomes six pages if Uniform Dialing Plan is answered "y."

Dial Plan (Contd)

Page 2 of 6

UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

Page 3 of 6

UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

Dial Plan (Contd)

Page 4 of 6

UNIFORM DIALING PLAN

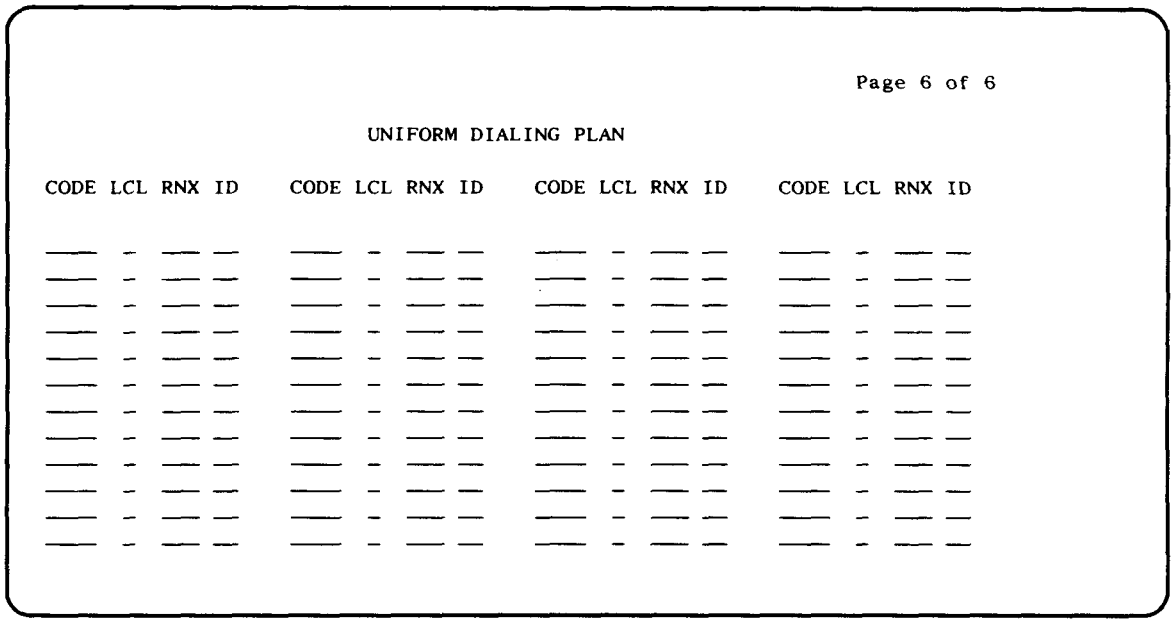
CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

Page 5 of 6

UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

Dial Plan (Contd)



Page 6 of 6

UNIFORM DIALING PLAN

CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID	CODE	LCL	RNX	ID

Digit Absorption

```
                                                        Page  1 of  1

                              DIGIT ABSORPTION

                            List Number: __

ABSORPTION TREATMENT INFORMATION (All selections must be from same group)
                 Choice      Meaning
   Group I.        A        Digit not absorbed.
                   B        Digit absorbed repeatedly.
                   C        Digit absorbed once with no further absorption.

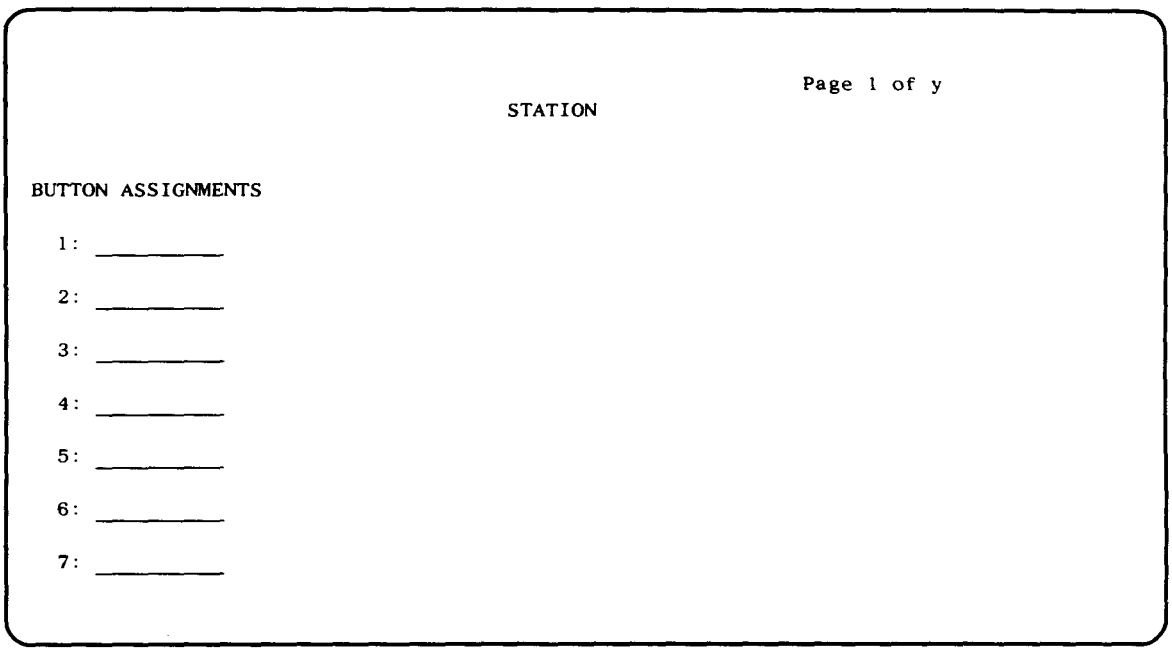
   Group II.       A        Digit not absorbed.
                   D        Digit absorbed only if it is the first digit.
                   E        Digit absorbed only if it is the second digit and
                            the first digit was already absorbed.
                   F        Digit absorbed only if it is the first or second digit.

ABSORPTION TREATMENT ASSIGNMENT (Select treatment (A-F) for each digit below)

          0: _          2: _          4: _          6: _          8: _

          1: _          3: _          5: _          7: _          9: _
```

Display Module



Direct Inward Dialing Trunk Group

```
                              TRUNK GROUP                    Page 1 of 5

      Group Number: __            Group Type: did          SMDR Reports? _

        Group Name: ________________      COR: __                    TAC: ___

      MIS Measured: __             Auth Code?__         Data Restriction? _

      TRUNK PARAMETERS

              Trunk Type: ____________  Incoming Rotary Timeout(sec): __

                                                  Incoming Dial Type: ______

       Trunk Termination: ______          Disconnect Timing(msec): ____

         Digit Treatment: __________                         Digits: _____

         Expected Digits: ______

          ACA Assignment? _              Long Holding Time(hours): ___

Short Holding Time(secs.): ___           Short Holding Threshold: __

                                               Maintenance Tests? _

Answer Supervision Timeout: _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

Direct Inward Dialing Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name
1:	_____	_____
2:	_____	_____
3:	_____	_____
4:	_____	_____
5:	_____	_____
6:	_____	_____
7:	_____	_____
8:	_____	_____
9:	_____	_____
10:	_____	_____
11:	_____	_____
12:	_____	_____
13:	_____	_____
14:	_____	_____
15:	_____	_____

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name
16:	_____	_____
17:	_____	_____
18:	_____	_____
19:	_____	_____
20:	_____	_____
21:	_____	_____
22:	_____	_____
23:	_____	_____
24:	_____	_____
25:	_____	_____
26:	_____	_____
27:	_____	_____
28:	_____	_____
29:	_____	_____
30:	_____	_____

Direct Inward Dialing Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name
31:	_____	_____
32:	_____	_____
33:	_____	_____
34:	_____	_____
35:	_____	_____
36:	_____	_____
37:	_____	_____
38:	_____	_____
39:	_____	_____
40:	_____	_____
41:	_____	_____
42:	_____	_____
43:	_____	_____
44:	_____	_____
45:	_____	_____

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name
46:	_____	_____
47:	_____	_____
48:	_____	_____
49:	_____	_____
50:	_____	_____
51:	_____	_____
52:	_____	_____
53:	_____	_____
54:	_____	_____
55:	_____	_____
56:	_____	_____
57:	_____	_____
58:	_____	_____
59:	_____	_____
60:	_____	_____

Digital Multiplexed Interface (DMI) Trunk Group

```
                              TRUNK GROUP                   Page 1 of 5

      Group Number: __            Group Type: dmi        SMDR Reports? _

        Group Name: ________________     COR: __                   TAC: ___

         Direction: ________ Outgoing Display? _

     MIS Measured? _

      Dial Access? _         Busy Threshold: __        Night Service: ____

      Queue Length: ___            Auth Code? __ Incoming Destination: _

    TRUNK PARAMETERS

      Trunk Type(in/out): ____________  Incoming Rotary Timeout(sec): ___

      Outgoing Dial Type: ________               Incoming Dial Type: _____

                                           Disconnect Timing(msec): ____

         Digit Treatment: __________                         Digits: _____

          ACA Assignment? _                Long Holding Time(hours): ___

Short Holding Time(secs.): _______          Short Holding Threshold: ____

               Baud Rate: _____    Synchronization: _____    Duplex: ____

       Incoming Dial Tone? _                     Maintenance Tests? _

Answer Supervision Timeout: ____               Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the field labeled ACA Assignment:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

Digital Multiplexed Interface (DMI) Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

Digital Multiplexed Interface (DMI) Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

DS1 Circuit Pack

Page 1 of 1

DS1 CIRCUIT PACK

Location: ___ Name: _____

Line Compensation: _ Zero Code Suppression: ____

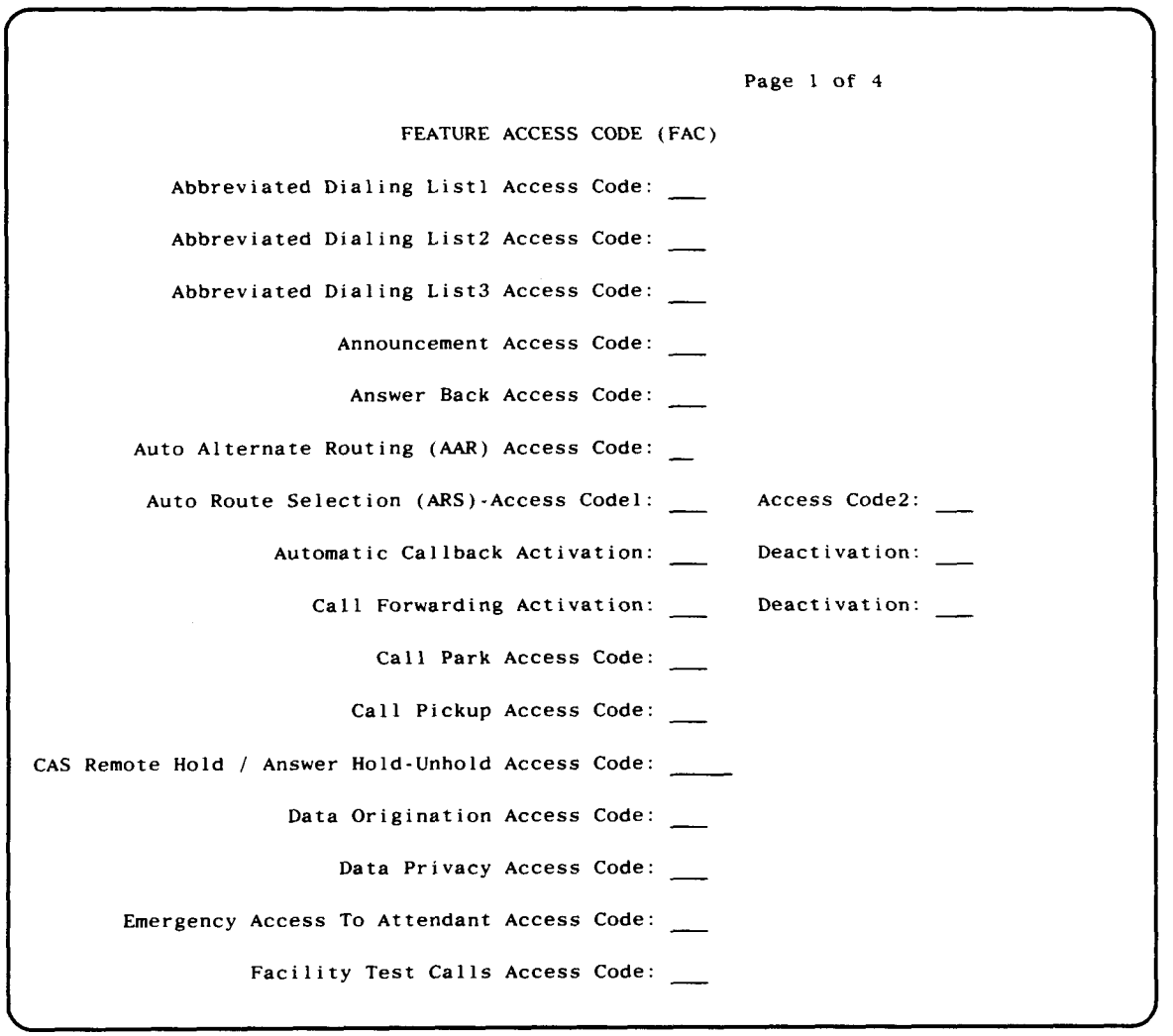
Framing Mode: __ Signaling Mode: _____

DMI-BOS? _

MAINTENANCE PARAMETERS

Slip Detection? _ Remote Loop-Around Test? _

Feature Access Codes



Page 1 of 4

FEATURE ACCESS CODE (FAC)

Abbreviated Dialing List1 Access Code: ___

Abbreviated Dialing List2 Access Code: ___

Abbreviated Dialing List3 Access Code: ___

Announcement Access Code: ___

Answer Back Access Code: ___

Auto Alternate Routing (AAR) Access Code: __

Auto Route Selection (ARS)-Access Code1: ___ Access Code2: ___

Automatic Callback Activation: ___ Deactivation: ___

Call Forwarding Activation: ___ Deactivation: ___

Call Park Access Code: ___

Call Pickup Access Code: ___

CAS Remote Hold / Answer Hold-Unhold Access Code: ____

Data Origination Access Code: ___

Data Privacy Access Code: ___

Emergency Access To Attendant Access Code: ___

Facility Test Calls Access Code: ___

Implementation Note:

The Emergency Access To Attendant Acess Code field appears on this form when the customer has purchased the optional Emergency Access to the Attendant feature.

Feature Access Codes (Contd)

Page 2 of 4

FEATURE ACCESS CODE (FAC)

Group Control Restrict Activation: ___ Deactivation: ___

Hunt Group Busy Activation: ____ Deactivation: _____

Last Number Dialed Access Code: ____

Leave Word Calling Message Retrieval Lock: ___

Leave Word Calling Message Retrieval Unlock: ___

Leave Word Calling Send A Message: ___

Leave Word Calling Cancel a Message: ___

Print Messages Access Code: ___

Priority Calling Access Code: ___

Program Access Code: ___

Send All Calls Activation: ___ Deactivation: ___

SMDR Account Code Access Code: ___

Transfer Into AUDIX: ____

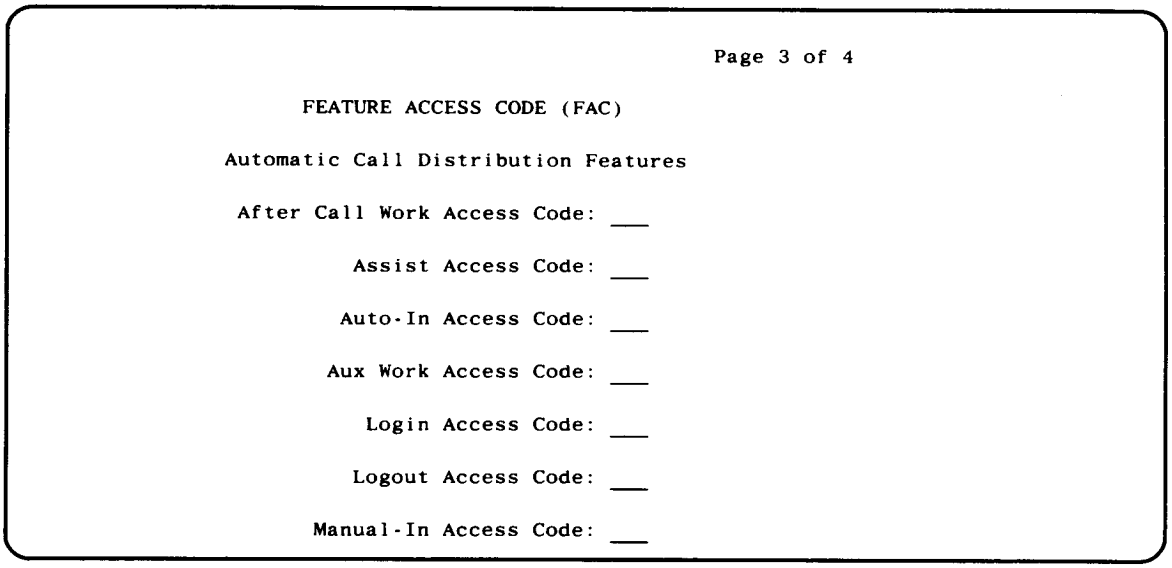
Trunk Answer Any Station Access Code: ___

User Control Restrict Activation: ___ Deactivation: ___

Voice Coverage Message Retrieval Access Code: ___

Voice Principal Message Retrieval Access Code: ___

Feature Access Codes (Contd)



Page 3 of 4

FEATURE ACCESS CODE (FAC)

Automatic Call Distribution Features

After Call Work Access Code: ___

Assist Access Code: ___

Auto-In Access Code: ___

Aux Work Access Code: ___

Login Access Code: ___

Logout Access Code: ___

Manual-In Access Code: ___

Implementation Note:

The ACD split group features appear on this form when the customer has purchased the optional ACD features.

Feature Access Codes (Contd)

FEATURE ACCESS CODE (FAC)
Hospitality Features

Automatic Wakeup Call Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Client Room) Access Code: _____

Housekeeping Status (Station) Access Code: _____

Housekeeping Status (Station) Access Code: _____

Housekeeping Status (Station) Access Code: _____

Housekeeping Status (Station) Access Code: _____

Verify Wakeup Announcement Access Code: _____

Voice Do Not Disturb Access Code: _____

Feature Module

Page 2 of y

STATION

FEATURE MODULE BUTTON ASSIGNMENTS

1: _____	13: _____
2: _____	14: _____
3: _____	15: _____
4: _____	16: _____
5: _____	17: _____
6: _____	18: _____
7: _____	19: _____
8: _____	20: _____
9: _____	21: _____
10: _____	22: _____
11: _____	23: _____
12: _____	24: _____

Feature Related System Parameters

```
                                                    Page 1 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

                                          Trunk-to-Trunk Transfer? _

Coverage - Don't Answer Interval for Subsequent Redirection (rings): __

                  Coverage - Caller Response Interval (seconds): __

                                  Keep Held SBA at Coverage Point: __

          Automatic Callback - No Answer Timeout Interval (rings): __

                       Call Park Timeout Interval (minutes): __

            Off-Premises Tone Detect Timeout Interval (seconds): __

                                  AAR/ARS Dial Tone Required? _

                                          Music On Hold Port: _____

                 Music (or Silence) On Trunk Transferred Calls: _____

                                       DID Intercept Treatment: __

                                                 AP Connected? _

                                                 ACA Enabled? n
```

Implementation Note:

Use this form if ACA is disabled.

Feature Related System Parameters (Contd)

```
                                                          Page 1 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

                                          Trunk-to-Trunk Transfer? _
Coverage - Don't Answer Interval for Subsequent Redirection (rings): __
                      Coverage - Caller Response Interval (seconds): __
                                    Keep Held SBA at Coverage Point: __
           Automatic Callback - No Answer Timeout Interval (rings): __
                                Call Park Timeout Interval (minutes): __
               Off-Premises Tone Detect Timeout Interval (seconds): __
                                    AAR/ARS Dial Tone Required? _
                                           Music On Hold Port: _____
                 Music (or Silence) On Trunk Transferred Calls: _____
                                    DID Tie Intercept Treatment: __
                                          AP Connected? _
                                           ACA Enabled? y
                                        ACA Referral Calls: local
                                      ACA Referral Destination: _______
                   ACA Short Holding Time Originating Extension: _______
                    ACA Long Holding Time Originating Extension: _______
              Controlled Outward Restriction Intercept Treatment: ___ _____
             Controlled Termination Restriction (Do Not Distrub): ___ _____
                       Controlled Station-to-Station Restriction: ___ _____
```

Implementation Note:

Use this form if ACA is enabled and Referral Calls is: local.

Feature Related System Parameters (Contd)

```
                                                        Page 1 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

                                          Trunk-to-Trunk Transfer? _
Coverage - Don't Answer Interval for Subsequent Redirection (rings): __
                     Coverage - Caller Response Interval (seconds): __
                                  Keep Held SBA at Coverage Point: __
          Automatic Callback - No Answer Timeout Interval (rings): __
                                  Call Park Timeout Interval (minutes): __
              Off-Premises Tone Detect Timeout Interval (seconds): __
                                  AAR/ARS Dial Tone Required? _
                                          Music On Hold Port: _____
                 Music (or Silence) On Trunk Transferred Calls: _____
                                  DID Tie Intercept Treatment: __
                                          AP Connected? _
                                          ACA Enabled? _
                                          ACA Referral Calls: remote
                                  ACA Remote PBX Identification: ______
```

Implementation Note:

Use this form if ACA is enabled and Referral Calls is: remote.

Feature Related System Parameters (Contd)

(V 3)

```
                                                        Page 2 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

LEAVE WORD CALLING PARAMETERS

Max. Number of Messages Per Station (doesn't apply when AP is in service): ___

     Stations with System-wide Retrieval Permission (enter extension)

          1: ____    3: ____    5: ____    7: ____    9: ____

          2: ____    4: ____    6: ____    8: ____   10: ____

SMDR PARAMETERS

    Output Device: ________   Output Device Ext: ____    Printer Width: __

                          Record Outgoing Calls Only? _

                            SMDR Account Code Length: __

    Forced Entry of Account Codes for 0/1 Toll Calls? _

         Suppress SMDR for Ineffective Call Attempts? _

                          Calls to Hunt Group-Record: __
```

Implementation Note:

Page 2 is identical for all versions of this form.

Feature Related System Parameters (Contd)

(SYSTEM 75 XE)

```
                                                        Page 2 of 3

                    FEATURE-RELATED SYSTEM PARAMETERS

LEAVE WORD CALLING PARAMETERS

Max. Number of Messages Per Station (doesn't apply when AP is in service): ___

     Stations with System-wide Retrieval Permission (enter extension)

          1: ____    3: ____    5: ____    7: ____    9: ____

          2: ____    4: ____    6: ____    8: ____   10: ____

SMDR PARAMETERS

    Output Device: ________   Output Device Ext: ____    Printer Width: __

                          EIA Device Baud Rate: _______

                    Record Outgoing Calls Only? _

                      SMDR Account Code Length: __

   Enable Disconnect Information In Place of FRL? __

Forced Entry of Account Codes for 0/1 Toll Calls? _

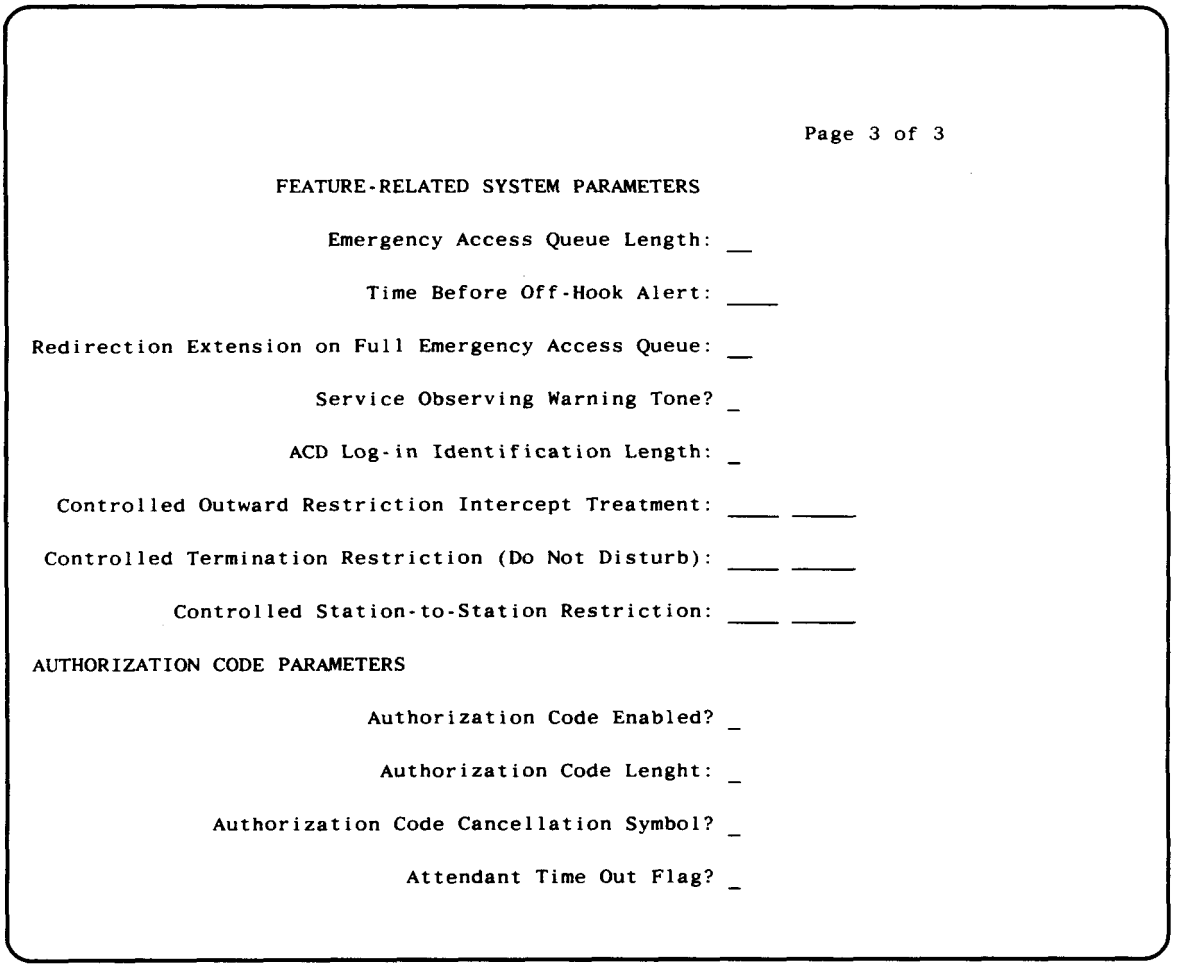
     Suppress SMDR for Ineffective Call Attempts? _

                     Calls to Hunt Group-Record: __
```

Implementation Note:

Page 2 is identical for all versions of this form.

Feature Related System Parameters (Contd)



Page 3 of 3

FEATURE-RELATED SYSTEM PARAMETERS

Emergency Access Queue Length: __

Time Before Off-Hook Alert: ____

Redirection Extension on Full Emergency Access Queue: __

Service Observing Warning Tone? _

ACD Log-in Identification Length: _

Controlled Outward Restriction Intercept Treatment: ____ _____

Controlled Termination Restriction (Do Not Disturb): ____ _____

Controlled Station-to-Station Restriction: ____ _____

AUTHORIZATION CODE PARAMETERS

Authorization Code Enabled? _

Authorization Code Lenght: _

Authorization Code Cancellation Symbol? _

Attendant Time Out Flag? _

Implementation Note:

Page 3 is identical for all versions of this form.

Foreign Exchange Trunk Group

```
                              TRUNK GROUP                         Page 1 of 5

     Group Number: __              Group Type: fx                SMDR Reports? _

       Group Name: ________________       COR: __                         TAC: ___

        Direction: ________ Outgoing Display? _              Data Restriction? _

     MIS Measured? _

      Dial Access? _          Busy Threshold: __                Night Service: ____

     Queue Length: ___ Abandoned Call Search? _           Incoming Destination: _

        Comm Type: __              Auth Code? _         Digit Absorption List: _

        Prefix-1? _              Restriction: ____         Allowed Calls List: _

     TRUNK PARAMETERS
             Trunk Type: ____________

     Outgoing Dial Type: ________

      Trunk Termination: ______           Disconnect Timing(msec): ____

         ACA Assignment? _                 Long Holding Time(hours): ___

  Short Holding Time(secs.): ___           Short Holding Threshold: __

                                                Maintenance Tests? _

Answer Supervision Timeout: _               Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

The Allowed Calls List field appears if "toll"is entered in the Restriction field.

Foreign Exchange Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

Foreign Exchange Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Hop Channel Assignments

Page 1 of 2

HOP CHANNEL ASSIGNMENT

Link/Chan		Link/Chan		Priority	Link/Chan		Link/Chan		Priority
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

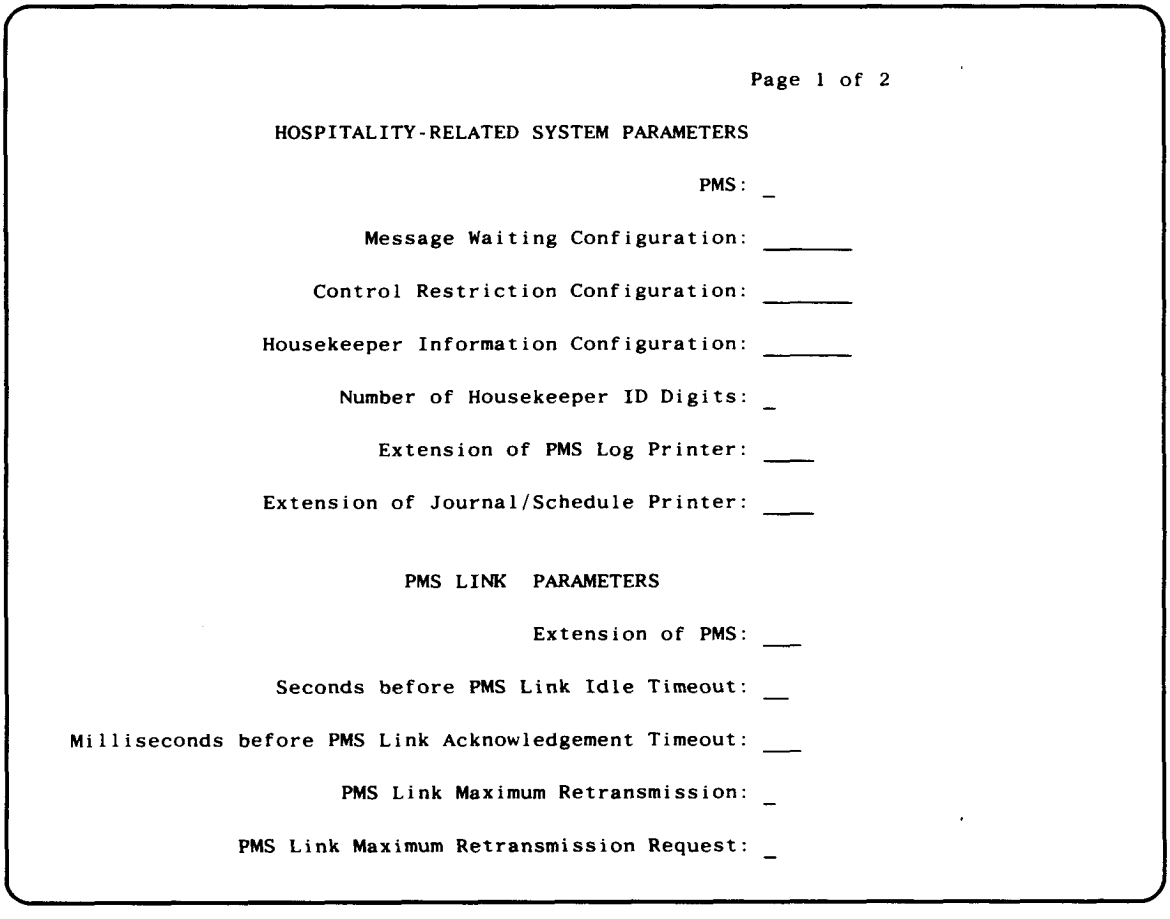
Hop Channel Assignments (Contd)

Page 2 of 2

HOP CHANNEL ASSIGNMENT

Link/Chan		Link/Chan		Priority	Link/Chan		Link/Chan		Priority
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—

Hospitality-Related System Parameters



```
                                                    Page 1 of 2

                HOSPITALITY-RELATED SYSTEM PARAMETERS

                                                PMS: _

                      Message Waiting Configuration: _____

                   Control Restriction Configuration: _____

                  Housekeeper Information Configuration: _____

                        Number of Housekeeper ID Digits: _

                          Extension of PMS Log Printer: ____

                      Extension of Journal/Schedule Printer: ____


                                PMS LINK  PARAMETERS

                                             Extension of PMS: ___

                           Seconds before PMS Link Idle Timeout: __

      Milliseconds before PMS Link Acknowledgement Timeout: ___

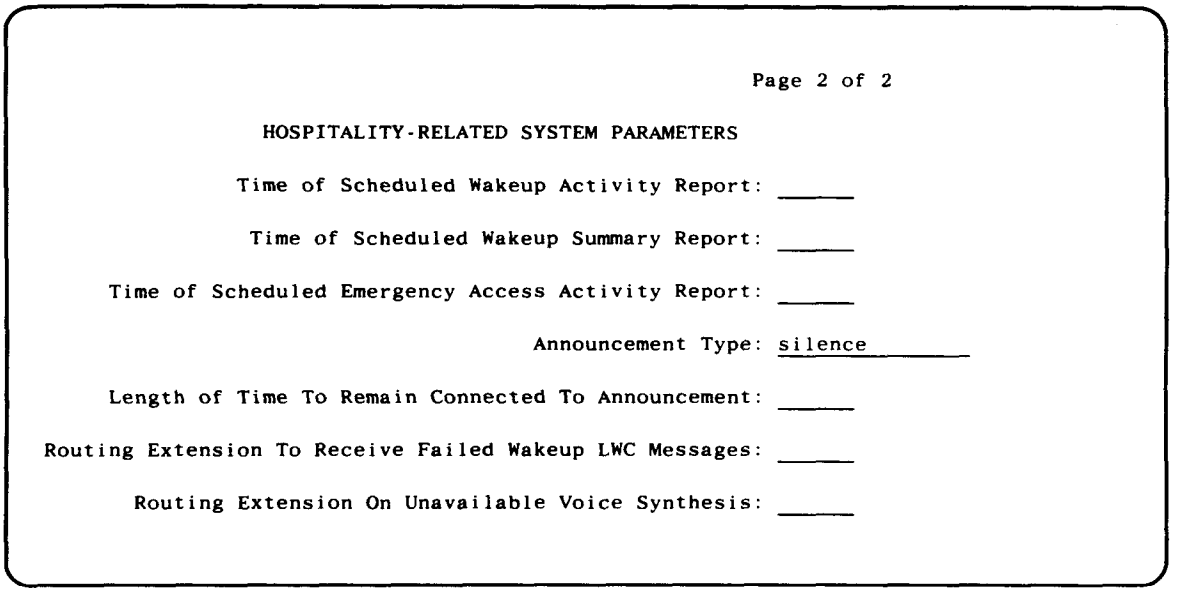
                               PMS Link Maximum Retransmission: _

                      PMS Link Maximum Retransmission Request: _
```

Implementation Note:

Page 1 is identical for all versions of this form.

Hospitality-Related System Parameters (Contd)



Page 2 of 2

HOSPITALITY-RELATED SYSTEM PARAMETERS

Time of Scheduled Wakeup Activity Report: _____

Time of Scheduled Wakeup Summary Report: _____

Time of Scheduled Emergency Access Activity Report: _____

Announcement Type: silence_____

Length of Time To Remain Connected To Announcement: _____

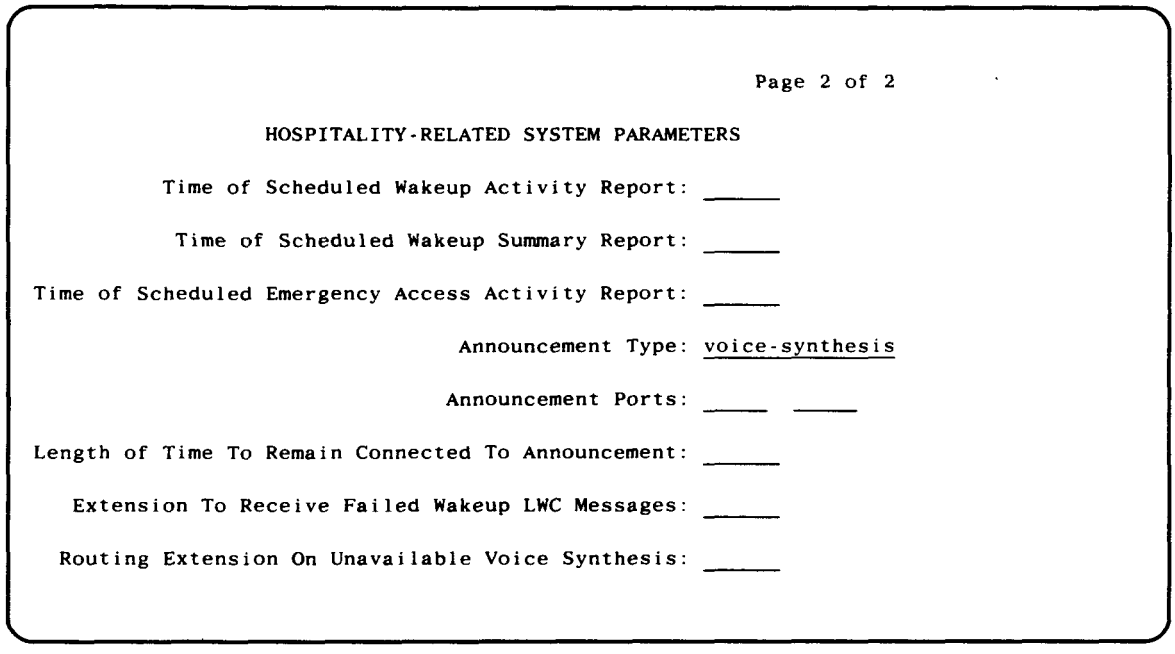
Routing Extension To Receive Failed Wakeup LWC Messages: _____

Routing Extension On Unavailable Voice Synthesis: _____

Implementation Note:

This form depicts Announcement Type as silence.

Hospitality-Related System Parameters (Contd)



Page 2 of 2

HOSPITALITY-RELATED SYSTEM PARAMETERS

Time of Scheduled Wakeup Activity Report: _____

Time of Scheduled Wakeup Summary Report: _____

Time of Scheduled Emergency Access Activity Report: _____

Announcement Type: voice-synthesis

Announcement Ports: _____ _____

Length of Time To Remain Connected To Announcement: _____

Extension To Receive Failed Wakeup LWC Messages: _____

Routing Extension On Unavailable Voice Synthesis: _____

Implementation Note:

This form depicts Announcement Type as voice-synthesis. The Announcement Port field must be completed if voice-synthesis is entered as the Announcement Type.

Hospitality-Related System Parameters (Contd)

Page 2 of 2

HOSPITALITY-RELATED SYSTEM PARAMETERS

Time of Scheduled Wakeup Activity Report: _____

Time of Scheduled Wakeup Summary Report: _____

Time of Scheduled Emergency Access Activity Report: _____

Announcement Type: external

Auxiliary Board For Announcement: ____

Length of Time To Remain Connected To Announcement: _____

Extension To Receive Failed Wakeup LWC Messages: _____

Routing Extension On Unavailable Voice Synthesis: _____

Implementation Note:

This form depicts Announcement Type as external. The Auxiliary Board Announcement field must be completed if external is entered as the Announcement Type.

Hunt Groups

Page 1 of 5

HUNT GROUP

Group Number: __ Group Extension: ____ Group Type: ____

Group Name: _______________ Coverage Path: ___ COR: __

Security Code: ____ Message Center: ____ ACD? n

Queue? n Night Destination: ____

Implementation Note:

This foreshows the Queue and ACD fields set to no.

Hunt Groups (Contd)

```
                                                   Page 1 of 5

                                 HUNT GROUP

  Group Number: __          Group Extension: ____      Group Type: ____

    Group Name: _______________  Coverage Path: ___           COR: __

 Security Code: ____          Message Center:                 ACD? n

        Queue? y           Night Destination: ____

                             AUDIX Extension: _____


                 Queue Length: ___

     Calls Warning Threshold: __            Calls Warning Port: __

      Time Warning Threshold: ___            Time Warning Port: _____

  First Announcement Extension: __    First Announcement Delay (sec): ___
```

Implementation Note:

This foreshows the Queue field set to yes and the ACD field set to no.

Hunt Groups (Contd)

```
                                                  Page 1 of 5

                              HUNT GROUP

  Group Number: __          Group Extension: ____     Group Type: ____

    Group Name: _______________  Coverage Path: ___          COR: __

 Security Code: ____         Message Center: _             ACD? y

        Queue? n          Night Destination: ___

             Measured By MIS? y          Supervisor Extension: _____

        Priority On Intraflow? _

      First Announcement Ext.: ____
```

Implementation Note:

This form shows the Queue field set to no and the ACD and Measured By MIS fields set to yes.

Hunt Groups (Contd)

```
                                                      Page 1 of 5

                              HUNT GROUP

  Group Number: __          Group Extension: ____      Group Type: ____

    Group Name: _______________   Coverage Path: ___          COR: __

 Security Code: ____          Message Center: _              ACD? y

        Queue? y    Night Service Destination: __

             Measured By MIS? y               Supervisor Extension: _____

       Priority On Intraflow? _             Inflow Threshold(sec): ___

                Queue Length: _

     Calls Warning Threshold: ___              Calls Warning Port: _____

      Time Warning Threshold: ___               Time Warning Port: _____

        First Ann. Ext.(sec): _____  First Announcement Delay (sec): ___

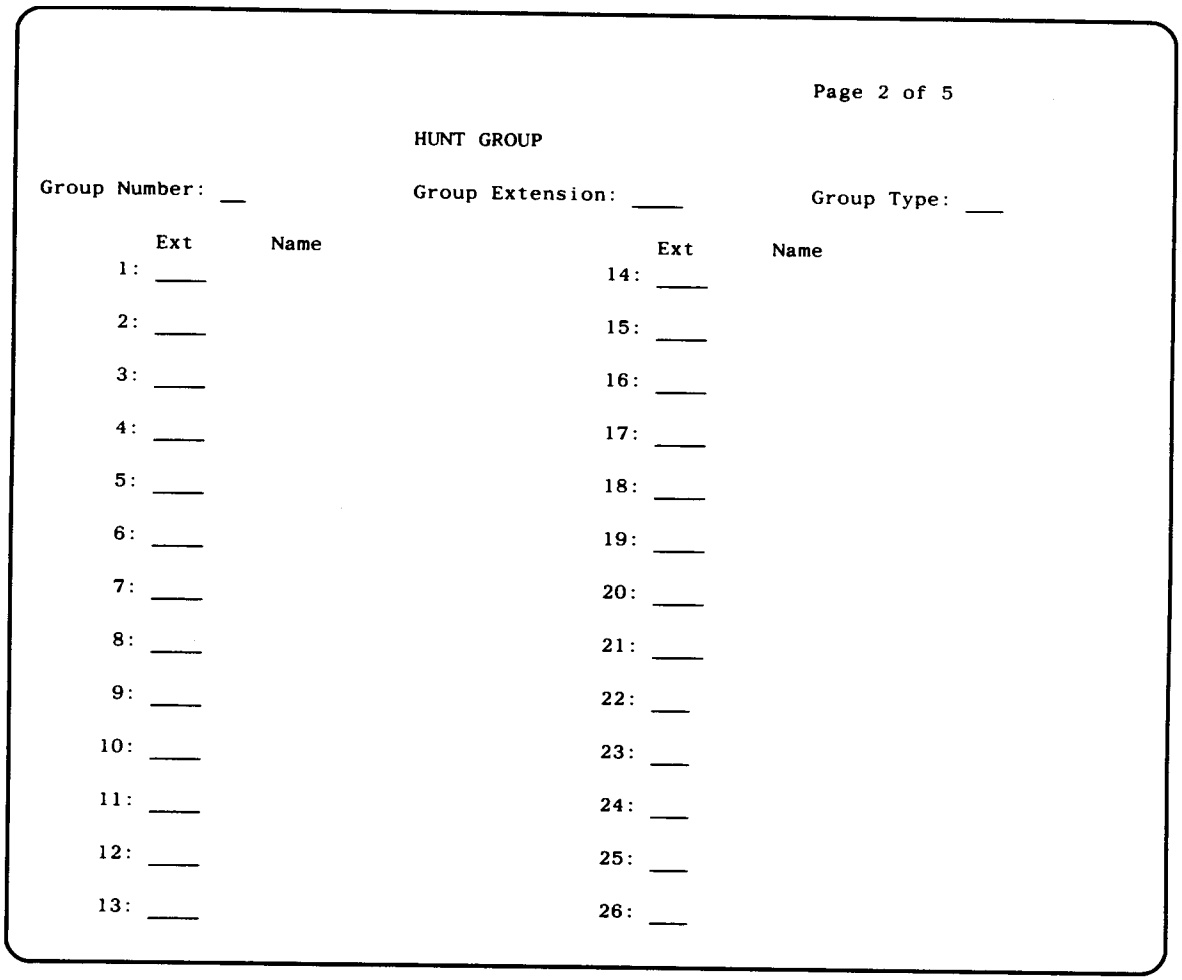
Second Announcement Extension: _____ Second Announcement Delay (sec): ___

Second Announcement Recurring: _
```

Implementation Note:

This foreshows the Queue, ACD, and Measured By MIS fields set to yes.

Hunt Groups (Contd)



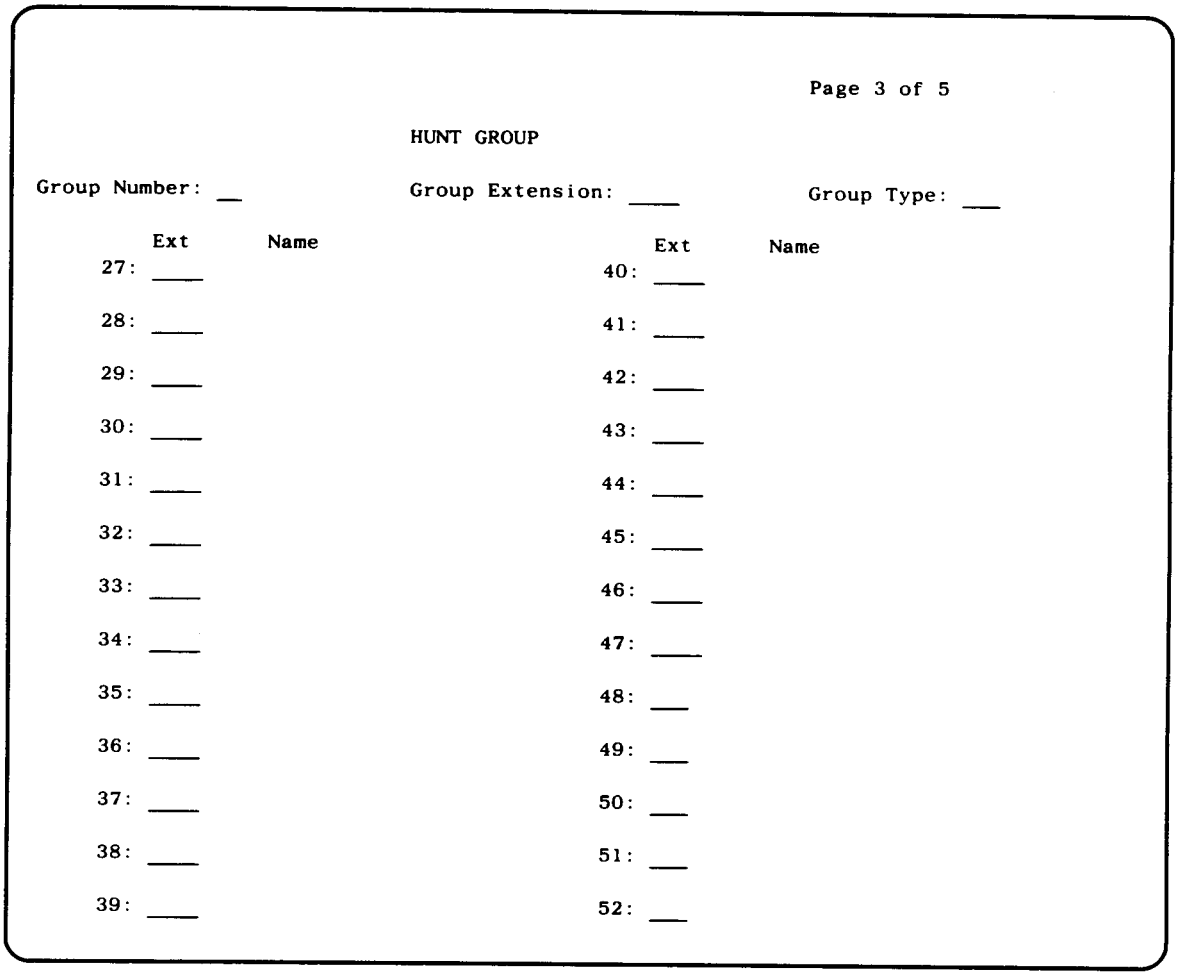
Page 2 of 5

HUNT GROUP

Group Number: __ Group Extension: ____ Group Type: ___

	Ext	Name		Ext	Name
1:	____		14:	____	
2:	____		15:	____	
3:	____		16:	____	
4:	____		17:	____	
5:	____		18:	____	
6:	____		19:	____	
7:	____		20:	____	
8:	____		21:	____	
9:	____		22:	___	
10:	____		23:	___	
11:	____		24:	___	
12:	____		25:	___	
13:	____		26:	___	

Hunt Groups (Contd)



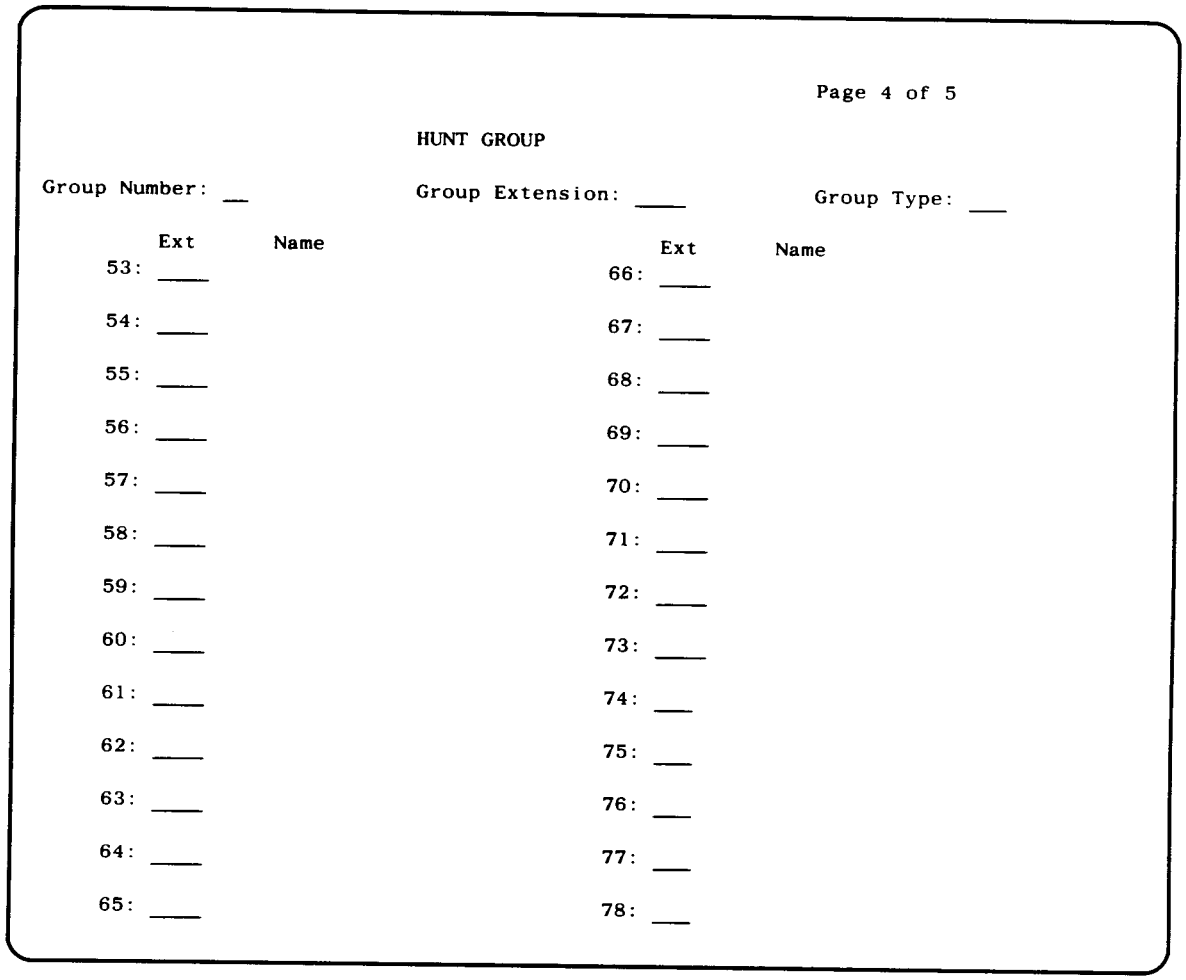
Page 3 of 5

HUNT GROUP

Group Number: __ Group Extension: ____ Group Type: ___

	Ext	Name		Ext	Name
27:	____		40:	____	
28:	____		41:	____	
29:	____		42:	____	
30:	____		43:	____	
31:	____		44:	____	
32:	____		45:	____	
33:	____		46:	____	
34:	____		47:	____	
35:	____		48:	___	
36:	____		49:	___	
37:	____		50:	___	
38:	____		51:	___	
39:	____		52:	___	

Hunt Groups (Contd)



Page 4 of 5

HUNT GROUP

Group Number: __ Group Extension: ____ Group Type: ___

	Ext	Name		Ext	Name
53:	____		66:	____	
54:	____		67:	____	
55:	____		68:	____	
56:	____		69:	____	
57:	____		70:	____	
58:	____		71:	____	
59:	____		72:	____	
60:	____		73:	____	
61:	____		74:	___	
62:	____		75:	___	
63:	____		76:	___	
64:	____		77:	___	
65:	____		78:	___	

Hunt Groups (Contd)

Page 5 of 5

HUNT GROUP

Group Number: __ Group Extension: ____ Group Type: ___

	Ext	Name		Ext	Name
79:	____		90:	____	
80:	____		91:	____	
81:	____		92:	____	
82:	____		93:	____	
83:	____		94:	____	
84:	____		95:	____	
85:	____		96:	____	
86:	____		97:	____	
87:	____		98:	___	
88:	____		99:	___	
89:	____		100:	___	

Intercom Groups

Page 1 of 2

INTERCOM GROUP

Group Number: __

Length of Dial Code: __

GROUP MEMBER ASSIGNMENTS

	Ext	DC	Name		Ext	DC	Name
1:	____	__		9:	____	__	
2:	____	__		10:	____	__	
3:	____	__		11:	____	__	
4:	____	__		12:	____	__	
5:	____	__		13:	____	__	
6:	____	__		14:	____	__	
7:	____	__		15:	____	__	
8:	____	__		16:	____	__	

Intercom Groups (Contd)

Page 2 of 2

INTERCOM GROUP

Group Number: __

Length of Dial Code: _

GROUP MEMBER ASSIGNMENTS

	Ext	DC	Name		Ext	DC	Name
17:	____	__		25:	____	__	
18:	____	__		26:	____	__	
19:	____	__		27:	____	__	
20:	____	__		28:	____	__	
21:	____	__		29:	____	__	
22:	____	__		30:	____	__	
23:	____	__		31:	____	__	
24:	____	__		32:	____	__	

Interface Data Module

```
                                                      Page 1 of 1

                              DATA MODULE

    Data Extension:                   Type: interface Physical Channel: 01_

           Name: ____________         COS: __                    COR: __

ABBREVIATED DIALING

  List1: __________

HOT LINE DESTINATION
        Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

        Ext      Name                          Ext      Name

     1:                                   3:

     2:                                   4:
```

Interface Data Module (Contd)

```
                                                         Page 1 of 1

                                DATA MODULE

     Data Extension:                   Type: interface Physical Channel: 02

              Name: ______________     COS: __                     COR: __

ABBREVIATED DIALING

   List1: ____________

HOT LINE DESTINATION
        Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

        Ext     Name                          Ext     Name

     1:                                    3:

     2:                                    4:
```

Interface Data Module (Contd)

```
                                                  Page 1 of 1

                              DATA MODULE

    Data Extension:                  Type: interface Physical Channel: 03

           Name: ____________         COS: __                    COR: __

ABBREVIATED DIALING

  List1: __________

HOT LINE DESTINATION
        Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

        Ext     Name                         Ext     Name

     1:                                   3:

     2:                                   4:
```

Interface Data Module (Contd)

```
                                                        Page 1 of I

                                  DATA MODULE

     Data Extension:                      Type: interface Physical Channel: 04

              Name: _______________       COS: __                      COR: __

ABBREVIATED DIALING

  List1: ____________

HOT LINE DESTINATION
         Abbreviated Dialing Dial Code (from above list): __

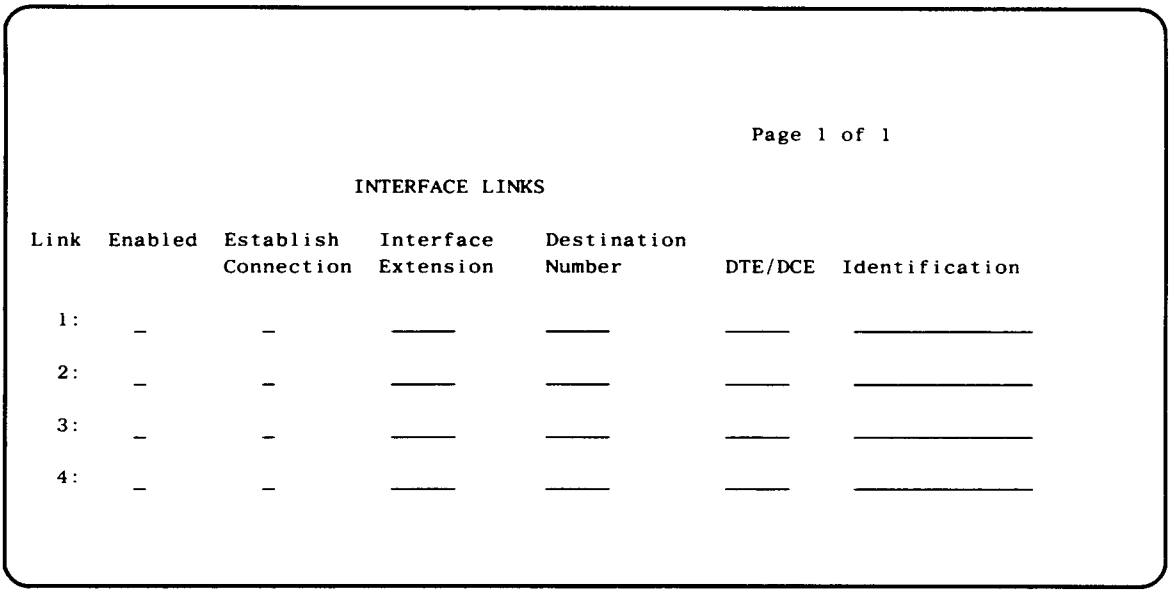
ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

         Ext     Name                              Ext     Name

      1:                                        3:

      2:                                        4:
```

Interface Links

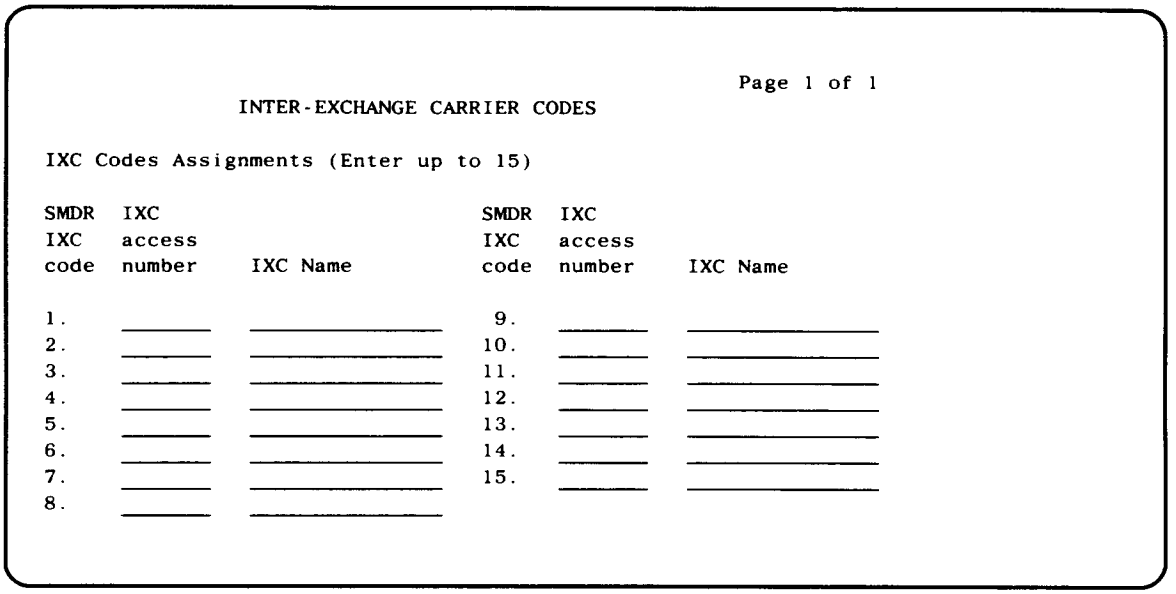


Page 1 of 1

INTERFACE LINKS

Link	Enabled	Establish Connection	Interface Extension	Destination Number	DTE/DCE	Identification
1:	_	_	_____	_____	_____	_____
2:	_	_	_____	_____	_____	_____
3:	_	_	_____	_____	_____	_____
4:	_	_	_____	_____	_____	_____

Inter-Exchange Carrier (IXC) Codes



Page 1 of 1

INTER-EXCHANGE CARRIER CODES

IXC Codes Assignments (Enter up to 15)

SMDR IXC code	IXC access number	IXC Name	SMDR IXC code	IXC access number	IXC Name
1.	_____	_____	9.	_____	_____
2.	_____	_____	10.	_____	_____
3.	_____	_____	11.	_____	_____
4.	_____	_____	12.	_____	_____
5.	_____	_____	13.	_____	_____
6.	_____	_____	14.	_____	_____
7.	_____	_____	15.	_____	_____
8.	_____	_____			

Listed Directory Numbers

Page 1 of 1

LISTED DIRECTORY NUMBERS

	Ext	Name		Ext	Name
1:	____	_____	5:	___	_____
2:	____	_____	6:	___	_____
3:	____	_____	7:	___	_____
4:	____	_____	8:	___	_____

Night Destination: _____

Loudspeaker Paging and Code Calling Access

Page 1 of 1

LOUDSPEAKER PAGING

SMDR? _

Voice Paging Timeout (sec): ___

Code Calling Playing Cycles: _

PAGING PORT ASSIGNMENTS

Zone	Port	Voice Paging TAC	Voice Paging COR	Code Calling TAC	Code Calling COR	Location
1:	_____	___	__	___	__	_____
2:	_____	___	__	___	__	_____
3:	_____	___	__	___	__	_____
4:	_____	___	__	___	__	_____
5:	_____	___	__	___	__	_____
6:	_____	___	__	___	__	_____
7:	_____	___	__	___	__	_____
8:	_____	___	__	___	__	_____
9:	_____	___	__	___	__	_____
ALL:		___	__	___	__	

Loudspeaker Paging and Code Calling Access (Contd)

ID ASSIGNMENTS

CODE CALLING IDs

Id	Ext	Id	Ext	Id	Ext	Id	Ext	Id	Ext
111:	____	141:	____	221:	____	251:	____	331:	____
112:	____	142:	____	222:	____	252:	____	332:	____
113:	____	143:	____	223:	____	253:	____	333:	____
114:	____	144:	____	224:	____	254:	____	334:	____
115:	____	145:	____	225:	____	255:	____	335:	____
121:	____	151:	____	231:	____	311:	____	341:	____
122:	____	152:	____	232:	____	312:	____	342:	____
123:	____	153:	____	233:	____	313:	____	343:	____
124:	____	154:	____	234:	____	314:	____	344:	____
125:	____	155:	____	235:	____	315:	____	345:	____
131:	____	211:	____	241:	____	321:	____	351:	____
132:	____	212:	____	242:	____	322:	____	352:	____
133:	____	213:	____	243:	____	323:	____	353:	____
134:	____	214:	____	244:	____	324:	____	354:	____
135:	____	215:	____	245:	____	325:	____	355:	____

Loudspeaker Paging and Code Calling Access (Contd)

Page 2 of 2

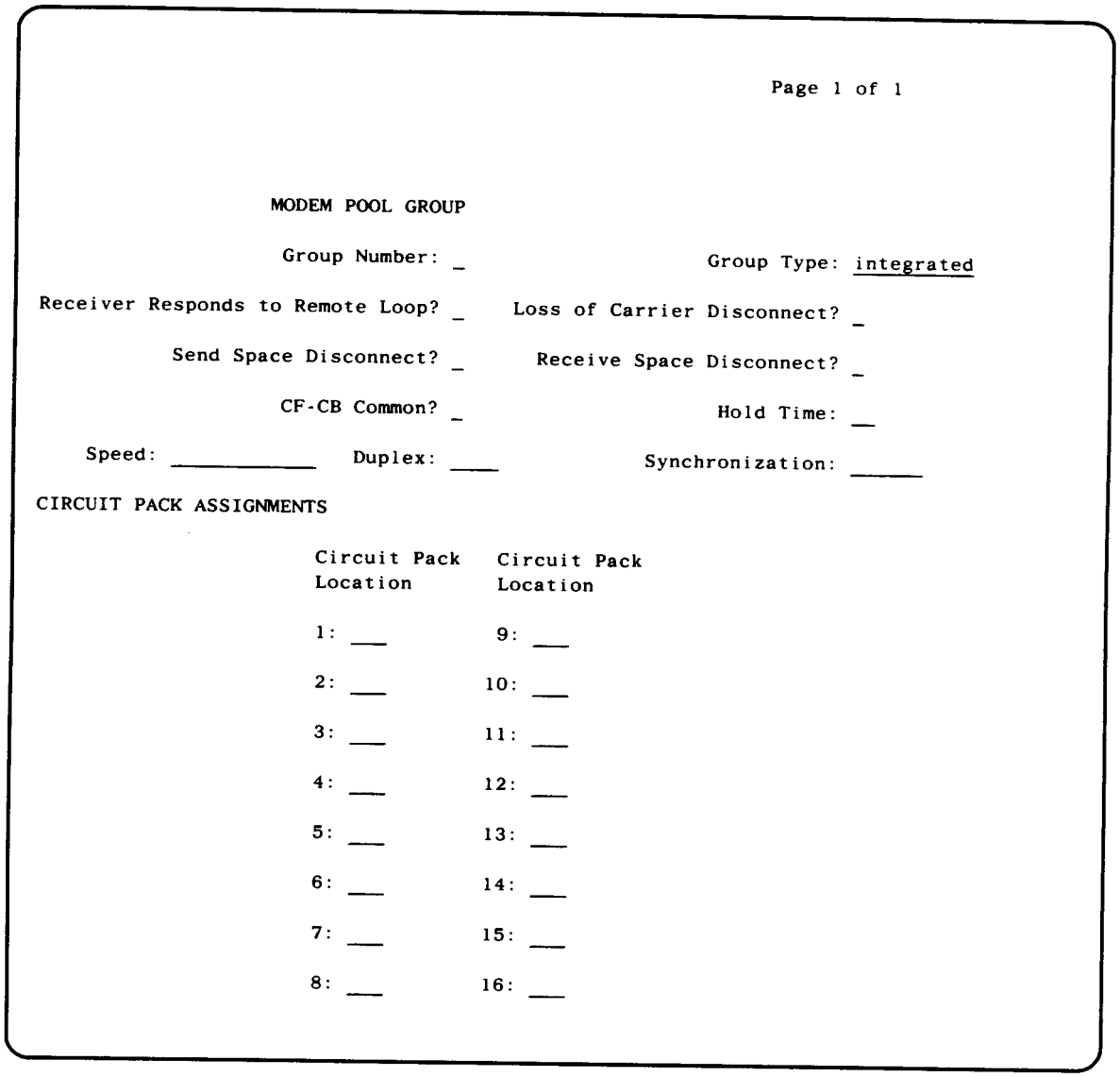
CODE CALLING IDs

ID ASSIGNMENTS

Id	Ext	Id	Ext	Id	Ext	Id	Ext	Id	Ext
411:	____	431:	____	451:	____	521:	____	541:	____
412:	____	432:	____	452:	____	522:	____	542:	____
413:	____	433:	____	453:	____	523:	____	543:	____
414:	____	434:	____	454:	____	524:	____	544:	____
415:	____	435:	____	455:	____	525:	____	545:	____
421:	____	441:	____	511:	____	531:	____	551:	____
422:	____	442:	____	512:	____	532:	____	552:	____
423:	____	443:	____	513:	____	533:	____	553:	____
424:	____	444:	____	514:	____	534:	____	554:	____
425:	____	445:	____	515:	____	535:	____	555:	____

Modem Pool Group

(Integrated)



Page 1 of 1

MODEM POOL GROUP

Group Number: _ Group Type: integrated

Receiver Responds to Remote Loop? _ Loss of Carrier Disconnect? _

Send Space Disconnect? _ Receive Space Disconnect? _

CF-CB Common? _ Hold Time: __

Speed: _____ Duplex: ____ Synchronization: _____

CIRCUIT PACK ASSIGNMENTS

Circuit Pack Location		Circuit Pack Location	
1:	___	9:	___
2:	___	10:	___
3:	___	11:	___
4:	___	12:	___
5:	___	13:	___
6:	___	14:	___
7:	___	15:	___
8:	___	16:	___

Modem Pool Group (Contd)

(Combined)

Page 1 of 1

MODEM POOL GROUP

Group Number: _ Group Type: combined

Modem Name: _____ Hold Time: __

Speed: _____ Duplex: ____ Synchronization: _____

PORT PAIR ASSIGNMENTS

Analog	Digital	Analog	Digital	Analog	Digital	Analog	Digital
1: _____	_____	9: _____	_____	17: _____	_____	25: _____	_____
2: _____	_____	10: _____	_____	18: _____	_____	26: _____	_____
3: _____	_____	11: _____	_____	19: _____	_____	27: _____	_____
4: _____	_____	12: _____	_____	20: _____	_____	28: _____	_____
5: _____	_____	13: _____	_____	21: _____	_____	29: _____	_____
6: _____	_____	14: _____	_____	22: _____	_____	30: _____	_____
7: _____	_____	15: _____	_____	23: _____	_____	31: _____	_____
8: _____	_____	16: _____	_____	24: _____	_____	32: _____	_____

Modular Processor Data Modules/Modular Trunk Data Modules

```
                                                        Page 1 of 1

                              DATA MODULE

     Data Extension: ____            Type: ________       Port : ______

               Name: _______________  COS: __              COR: __

       Connected to: ___               Remote Loop-Around Test: __

ABBREVIATED DIALING

  List1: ____________

HOT LINE DESTINATION
    Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

          Ext      Name                          Ext      Name
      1:                                     3:

      2:                                     4:
```

Implementation Note:

PDM or TDM may be entered in "Type." If tdm is entered, "Connected to" field is not displayed.

Netcon Data Module

```
                                                            Page 1 of 1

                                  DATA MODULE

     Data Extension:                         Type: netcon____    Physical Channel: __

             Name: _______________          COS: __                         COR: __

ABBREVIATED DIALING

   List1: ____________

HOT LINE DESTINATION
         Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

         Ext      Name                                  Ext      Name

     1:                                             3:

     2:                                             4:
```

Netcon Data Module (Contd)

```
                                                        Page 1 of 1

                              DATA MODULE

     Data Extension:                    Type: netcon____  Physical Channel: __

            Name: ______________        COS: __                      COR: __

ABBREVIATED DIALING

   List1: ___________

HOT LINE DESTINATION
         Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

         Ext     Name                            Ext     Name

     1:                                      3:

     2:                                      4:
```

Netcon Data Module (Contd)

```
                                                  Page 1 of 1

                              DATA MODULE

    Data Extension:                  Type: netcon____   Physical Channel: __

           Name: ______________      COS: __                         COR: __

ABBREVIATED DIALING

  List1: ___________

HOT LINE DESTINATION
        Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

        Ext     Name                          Ext     Name

     1:                                    3:

     2:                                    4:
```

Netcon Data Module (Cond)

```
                                                         Page 1 of 1

                               DATA MODULE

     Data Extension:                     Type: netcon____   Physical Channel: __

             Name: ______________         COS: __                        COR: __

ABBREVIATED DIALING

  List1: ___________

HOT LINE DESTINATION
         Abbreviated Dialing Dial Code (from above list): __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

         Ext     Name                                 Ext     Name

      1:                                   3:

      2:                                   4:
```

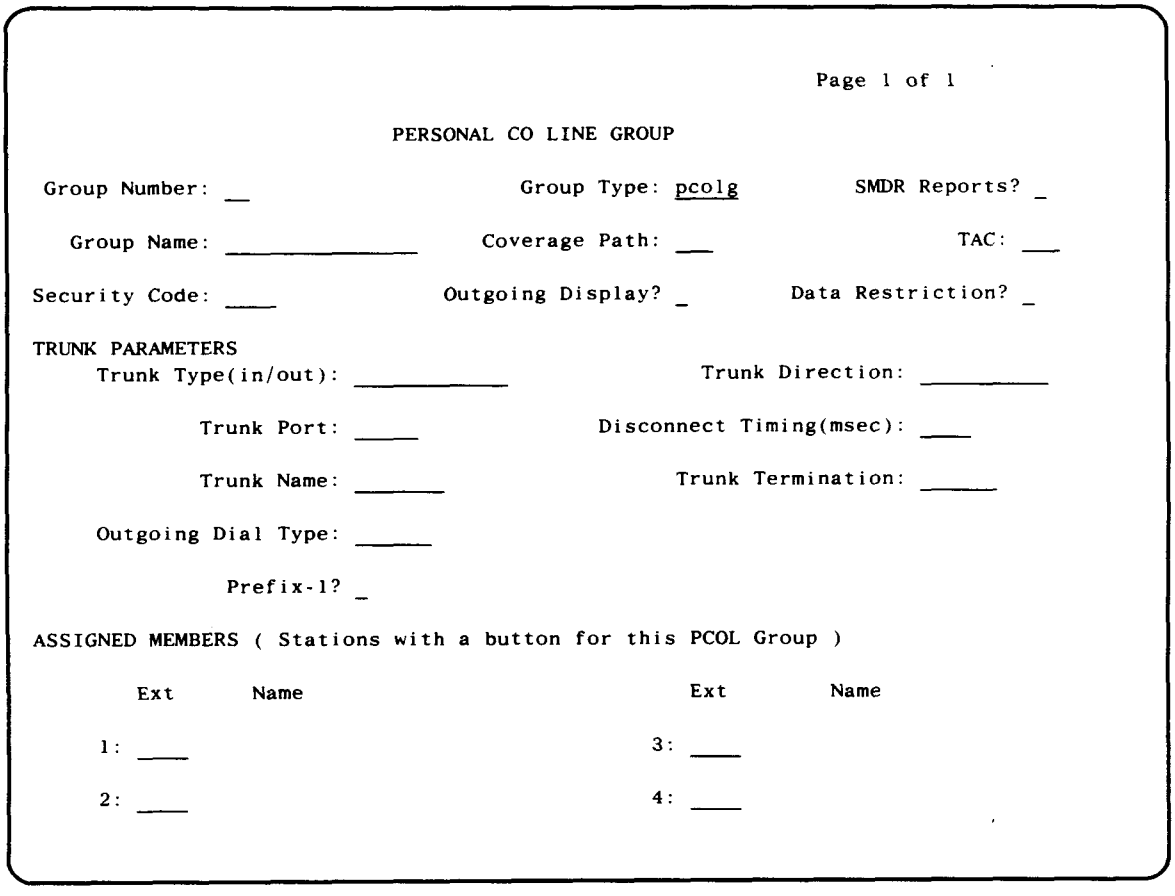
Permanent Switched Calls

Page 1 of 1

PERMANENT SWITCHED CALLS

Originator	Destination	Enabled
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-
____	_____	-

Personal Central Office Line Groups (PCOLGS)



```
                                                        Page 1 of 1

                          PERSONAL CO LINE GROUP

 Group Number: __                  Group Type: pcolg        SMDR Reports? _

   Group Name: _______________   Coverage Path: ___              TAC: ___

Security Code: ____           Outgoing Display? _      Data Restriction? _

TRUNK PARAMETERS
     Trunk Type(in/out): ____________          Trunk Direction: _________

              Trunk Port: _____          Disconnect Timing(msec): ____

              Trunk Name: _______              Trunk Termination: ______

     Outgoing Dial Type: ______

               Prefix-1? _

ASSIGNED MEMBERS ( Stations with a button for this PCOL Group )

        Ext      Name                          Ext      Name

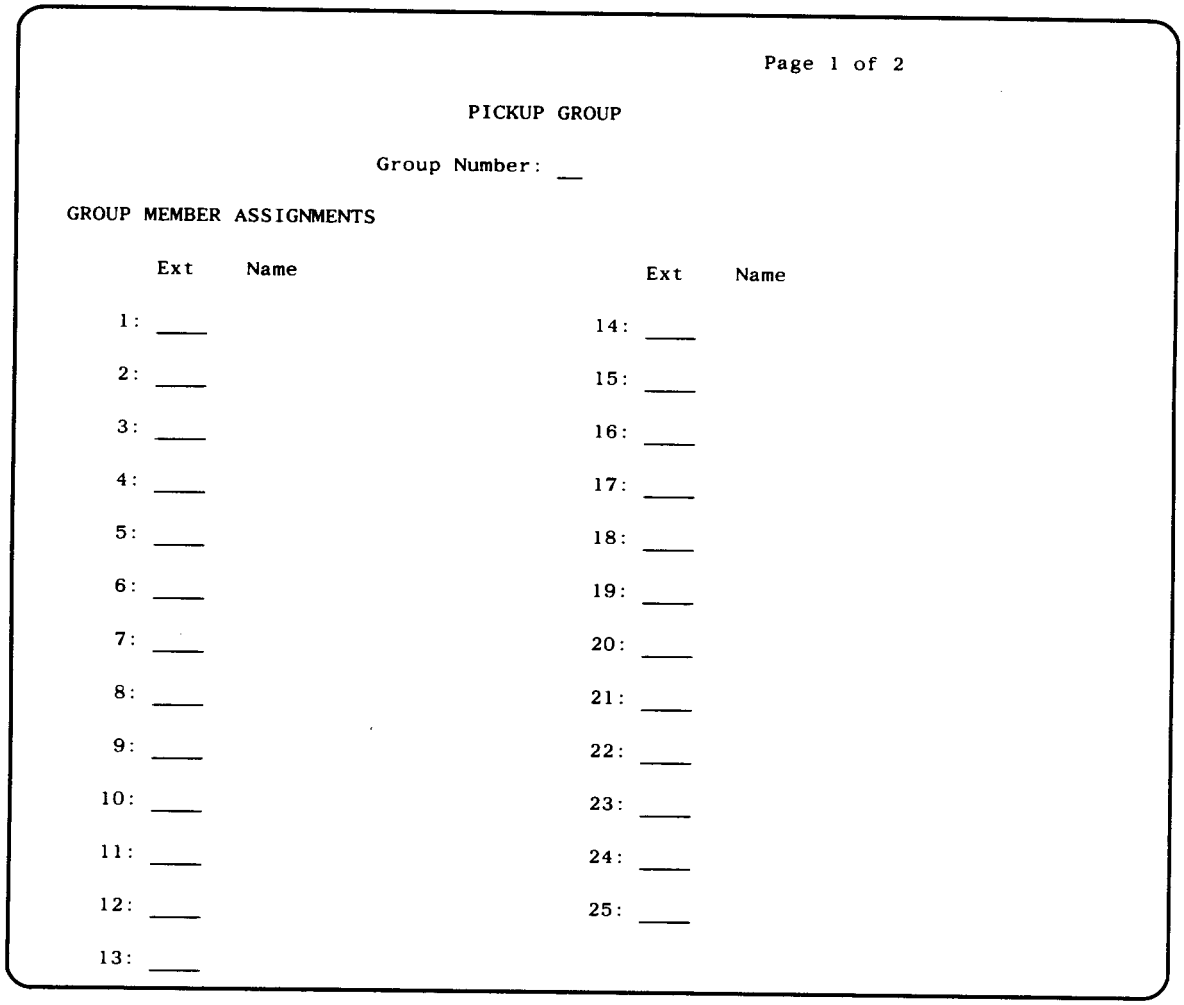
     1: ____                                3: ____

     2: ____                                4: ____
```

Implementation Note:

The fields "Trunk Direction" and "Prefix-1" do not appear if wats is entered in "GroupType."

Pickup Groups



Page 1 of 2

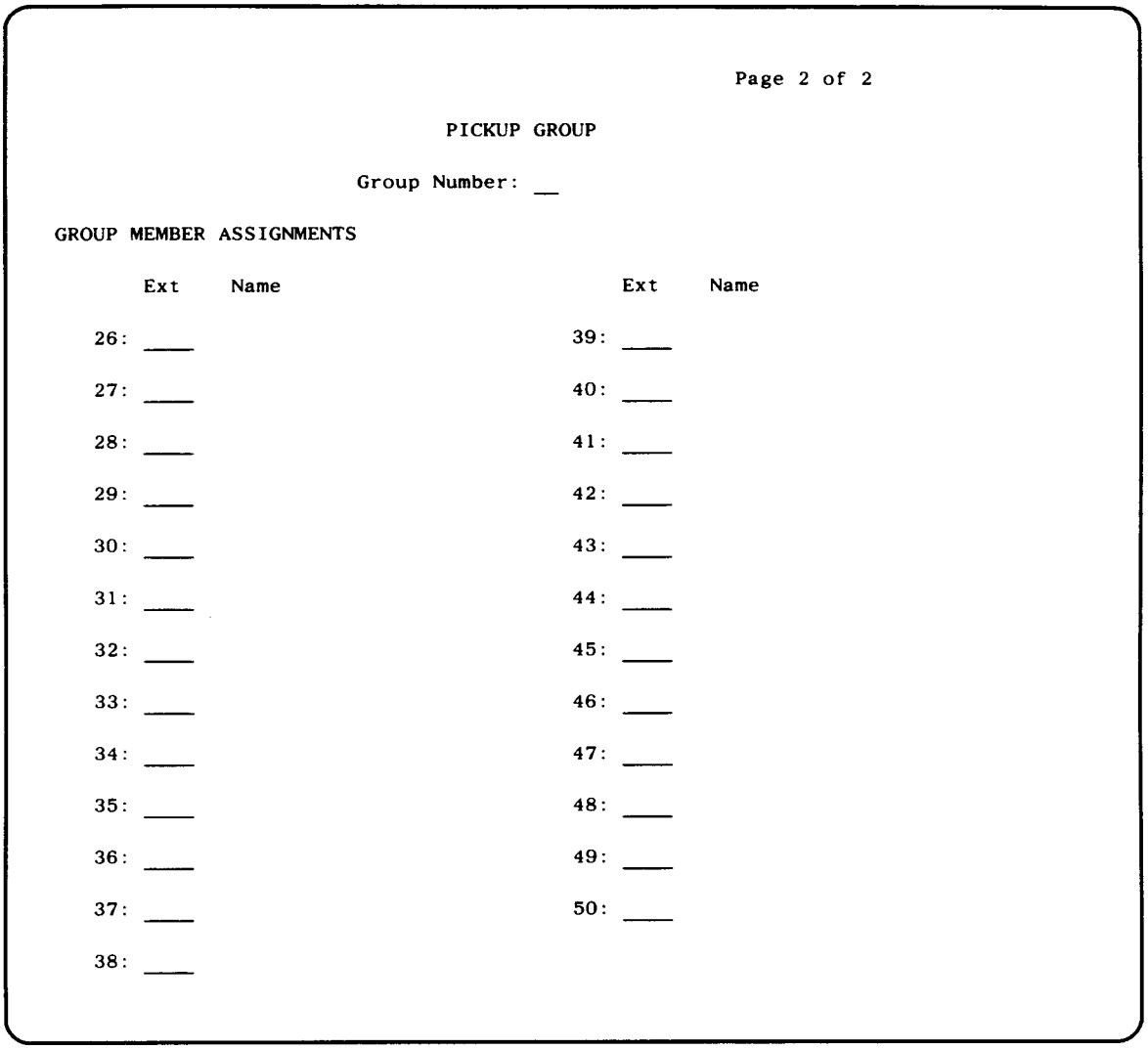
PICKUP GROUP

Group Number: __

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext	Name
1:	____		14:	____	
2:	____		15:	____	
3:	____		16:	____	
4:	____		17:	____	
5:	____		18:	____	
6:	____		19:	____	
7:	____		20:	____	
8:	____		21:	____	
9:	____		22:	____	
10:	____		23:	____	
11:	____		24:	____	
12:	____		25:	____	
13:	____				

Pickup Groups (Contd)



Page 2 of 2

PICKUP GROUP

Group Number: __

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext	Name
26:	____		39:	____	
27:	____		40:	____	
28:	____		41:	____	
29:	____		42:	____	
30:	____		43:	____	
31:	____		44:	____	
32:	____		45:	____	
33:	____		46:	____	
34:	____		47:	____	
35:	____		48:	____	
36:	____		49:	____	
37:	____		50:	____	
38:	____				

Processor Channel Assignment

Page 1 of 4

PROCESSOR CHANNEL ASSIGNMENT

Proc Chan	Interface Link	Interface Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
01:	_	__	_	__	_____	__
02:	_	__	_	__	_____	__
03:	_	__	_	__	_____	__
04:	_	__	_	__	_____	__
05:	_	__	_	__	_____	__
06:	_	__	_	__	_____	__
07:	_	__	_	__	_____	__
08:	_	__	_	__	_____	__
09:	_	__	_	__	_____	__
10:	_	__	_	__	_____	__
11:	_	__	_	__	_____	__
12:	_	__	_	__	_____	__
13:	_	__	_	__	_____	__
14:	_	__	_	__	_____	__
15:	_	__	_	__	_____	__
16:	_	__	_	__	_____	__

Processor Channel Assignment (Contd)

Page 2 of 4

PROCESSOR CHANNEL ASSIGNMENT

Proc Chan	Interface Link	Interface Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
17:	_	__	_	__	_____	__
18:	_	__	_	__	_____	__
19:	_	__	_	__	_____	__
20:	_	__	_	__	_____	__
21:	_	__	_	__	_____	__
22:	_	__	_	__	_____	__
23:	_	__	_	__	_____	__
24:	_	__	_	__	_____	__
25:	_	__	_	__	_____	__
26:	_	__	_	__	_____	__
27:	_	__	_	__	_____	__
28:	_	__	_	__	_____	__
29:	_	__	_	__	_____	__
30:	_	__	_	__	_____	__
31:	_	__	_	__	_____	__
32:	_	__	_	__	_____	__

Processor Channel Assignment (Contd)

Page 3 of 4

PROCESSOR CHANNEL ASSIGNMENT

Proc Chan	Interface Link	Interface Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
33:	_	__	_	__	_____	__
34:	_	__	_	__	_____	__
35:	_	__	_	__	_____	__
36:	_	__	_	__	_____	__
37:	_	__	_	__	_____	__
38:	_	__	_	__	_____	__
39:	_	__	_	__	_____	__
40:	_	__	_	__	_____	__
41:	_	__	_	__	_____	__
42:	_	__	_	__	_____	__
43:	_	__	_	__	_____	__
44:	_	__	_	__	_____	__
45:	_	__	_	__	_____	__
46:	_	__	_	__	_____	__
47:	_	__	_	__	_____	__
48:	_	__	_	__	_____	__

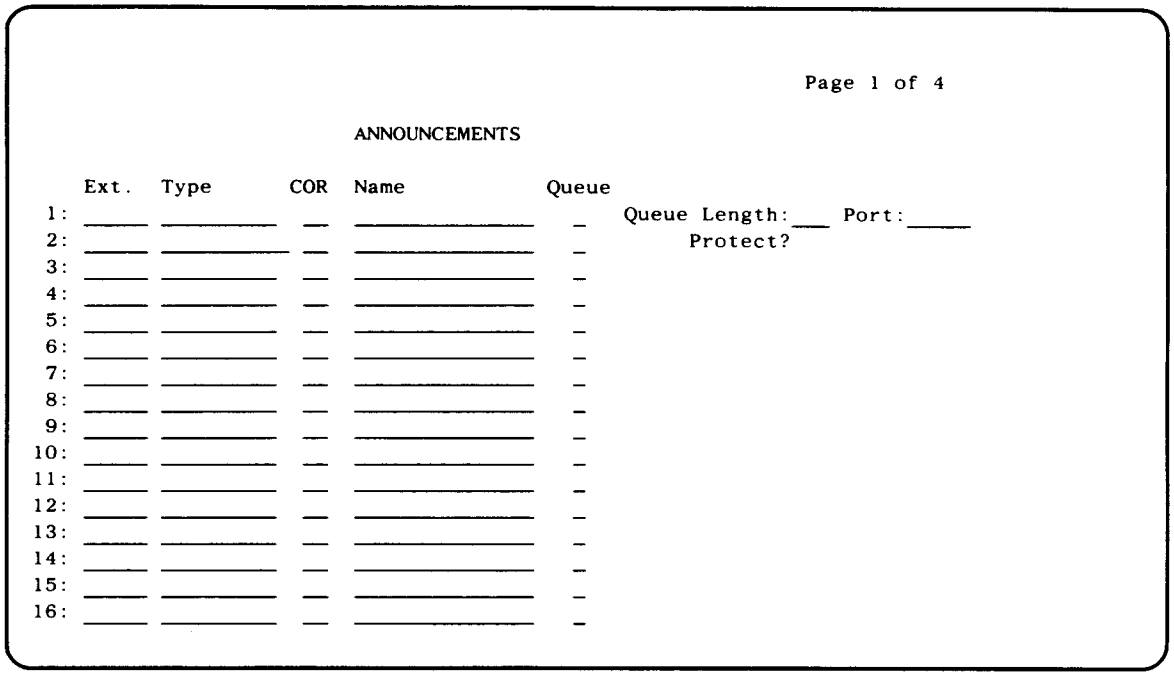
Processor Channel Assignment (Contd)

Page 4 of 4

PROCESSOR CHANNEL ASSIGNMENT

Proc Chan	Interface Link	Interface Chan	Priority	Remote Proc Chan	Appl.	MACHINE ID
49:	_	__	_	__	_____	__
50:	_	__	_	__	_____	__
51:	_	__	_	__	_____	__
52:	_	__	_	__	_____	__
53:	_	__	_	__	_____	__
54:	_	__	_	__	_____	__
55:	_	__	_	__	_____	__
56:	_	__	_	__	_____	__
57:	_	__	_	__	_____	__
58:	_	__	_	__	_____	__
59:	_	__	_	__	_____	__
60:	_	__	_	__	_____	__
61:	_	__	_	__	_____	__
62:	_	__	_	__	_____	__
63:	_	__	_	__	_____	__
64:	_	__	_	__	_____	__

Recorded Announcements

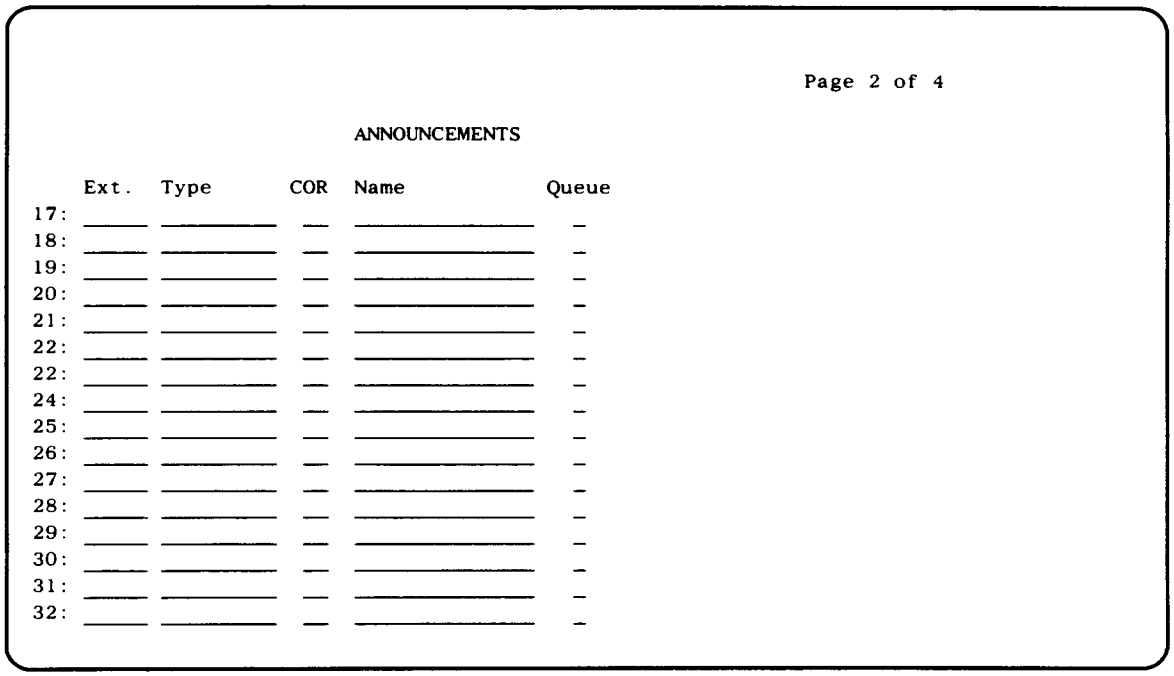


Page 1 of 4

ANNOUNCEMENTS

	Ext.	Type	COR	Name	Queue
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					
16:					

Queue Length:___ Port:_____
Protect?



Page 2 of 4

ANNOUNCEMENTS

	Ext.	Type	COR	Name	Queue
17:					
18:					
19:					
20:					
21:					
22:					
22:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					
31:					
32:					

Recorded Announcements (Contd)

Page 3 of 4

ANNOUNCEMENTS

	Ext.	Type	COR	Name	Queue
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					
46:					
47:					
48:					

Page 4 of 4

ANNOUNCEMENTS

	Ext.	Type	COR	Name	Queue
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					
61:					
62:					
63:					
64:					

Implementation Note:

Announcements 1 and 2 show the fields that are assigned to the analog and integrated announcement, respectively.

Recorded Announcement Data Module

```
                                                       Page 1 of 1

                              DATA MODULE

 Data Extension: _____          Type: announcement    Board: _______

           Name: _______________ COS: __                 COR: __

ASSIGNED MEMBERS ( Stations with a data extension button for this data module )

        Ext      Name                        Ext      Name
     1:                                   3:

     2:                                   4:
```

Release Link Trunk Group

```
                          TRUNK GROUP                     Page 1 of 5

     Group Number: __         Group Type: rlt____         SMDR Reports? _

       Group Name: ______________       COR: __                    TAC: ___

     Direction: __     Outgoing Display? _          Data Restriction? _

     MIS Measured? _    Busy Threshold: __

     Queue Length: ___         Auth Code? __


     TRUNK PARAMETERS

             Trunk Type: _______  Incoming Rotary Timeout(sec): ____

     Outgoing Dial Type: ____               Incoming Dial Type: ____

           Used for DCS? _        PBX ID: __

         ACA Assignment? _           Long Holding Time(hours): ___

Short Holding Time(secs.): ___          Short Holding Threshold: __

       Incoming Dial Tone? _                  Maintenance Tests? _

Answer Supervision Timeout: ___          Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

The PBX ID field only appears on this form if y is assigned to the Used for DCS field.

Release Link Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

Release Link Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Remote Access

Page 1 of 1

REMOTE ACCESS

Remote Access Extension: ____

Barrier Code Length: __

Authorization Code Required? _

Remote Access Dial Tone? _

BARRIER CODE ASSIGNMENTS (Enter up to 10)

	Barrier Code	COR	COS		Barrier Code	COR	COS
1:	_____	__	___	6:	_____	__	___
2:	_____	__	___	7:	_____	__	___
3:	_____	__	___	8:	_____	__	___
4:	_____	__	___	9:	_____	__	___
5:	_____	__	___	10:	_____	__	___

RNX Translation Table

Page 1 of 1

RNX TABLE: ___

Partitioned Group Number: _____

R20: ___	R30: ___	R40: ___	R50: ___	R60: ___	R70: ___	R80: ___	R90: ___
R21: ___	R31: ___	R41: ___	R51: ___	R61: ___	R71: ___	R81: ___	R91: ___
R22: ___	R32: ___	R42: ___	R52: ___	R62: ___	R72: ___	R82: ___	R92: ___
R23: ___	R33: ___	R43: ___	R53: ___	R63: ___	R73: ___	R83: ___	R93: ___
R24: ___	R34: ___	R44: ___	R54: ___	R64: ___	R74: ___	R84: ___	R94: ___
R25: ___	R35: ___	R45: ___	R55: ___	R65: ___	R75: ___	R85: ___	R95: ___
R26: ___	R36: ___	R46: ___	R56: ___	R66: ___	R76: ___	R86: ___	R96: ___
R27: ___	R37: ___	R47: ___	R57: ___	R67: ___	R77: ___	R87: ___	R97: ___
R28: ___	R38: ___	R48: ___	R58: ___	R68: ___	R78: ___	R88: ___	R98: ___
R29: ___	R39: ___	R49: ___	R59: ___	R69: ___	R79: ___	R89: ___	R99: ___

Routing Patterns

ROUTING PATTERN

Pattern Number: __

Pattern Assignments (Enter Up To 6)

	Grp. No.	FRL	NPA	Prefix Mark	Toll List	No. Del Digits	Inserted Digits
1.	___	_	___	_	_	_	_____
2.	___	_	___	_	_	_	_____
3.	___	_	___	_	_	_	_____
4.	___	_	___	_	_	_	_____
5.	___	_	___	_	_	_	_____
6.	___	_	___	_	_	_	_____

Synchronization Plan

Page 1 of 1

SYNCHRONIZATION PLAN

SYNCHRONIZATION SOURCE (DS1 circuit pack location)

Primary: ___ Secondary: ___

DS1 CIRCUIT PACKS

Location	Name	Slip	Location	Name	Slip
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_
___	_____	_	___	_____	_

Tandem Trunk Group

```
                              TRUNK GROUP                  Page 1 of 5

     Group Number: __            Group Type: tandem     SMDR Reports? _

       Group Name: ______________         COR: __                TAC: ___

        Direction: _______  Outgoing Display? _     Data Restriction? _

     MIS Measured? _

      Dial Access? _          Busy Threshold: __        Night Service: ____

     Queue Length: ___                          Incoming Destination:_

        Comm Type: _____

   TRUNK PARAMETERS

     Trunk Type(in/out): ___________  Incoming Rotary Timeout(sec): __

     Outgoing Dial Type: _______                Incoming Dial Type: _____

                                           Disconnect Timing(msec): ____

        Digit Treatment: _________                          Digits: _____

           Used for DCS? _       PBX ID: __

          ACA Assignment? _           Long Holding Time(hours): ___

 Short Holding Time(secs.): ___        Short Holding Threshold: __

       Incoming Dial Tone? _                 Maintenance Tests? _

 Answer Supervision Timeout: _           Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

The PBX ID field only appears on this form if y is assigned to the Used for DCS field.

Tandem Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

Tandem Trunk Group (Contd)

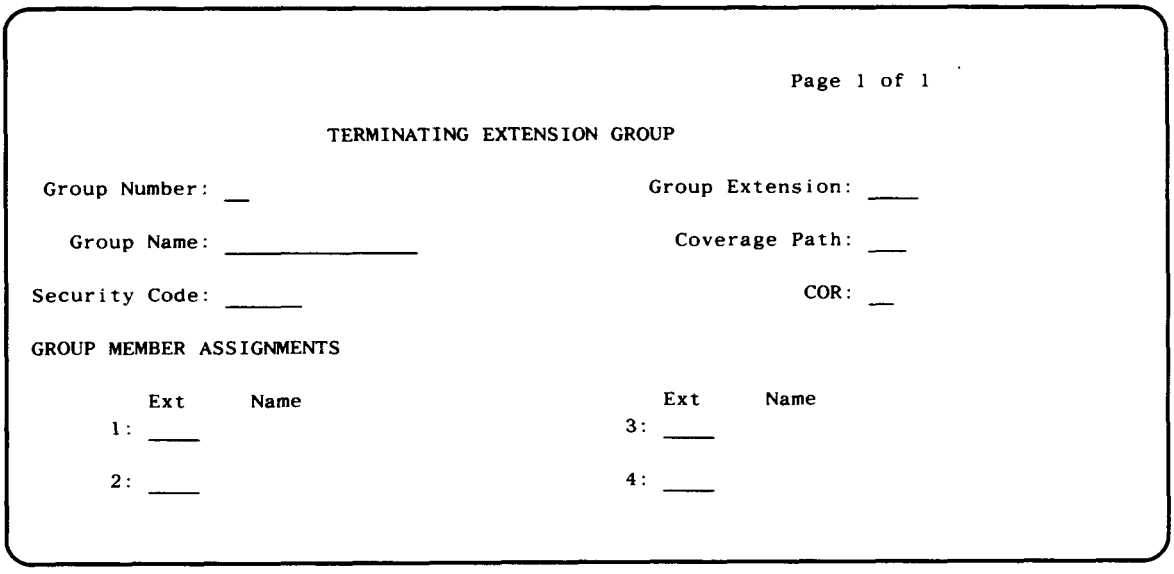
GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Terminating Extension Group



Page 1 of 1

TERMINATING EXTENSION GROUP

Group Number: __ Group Extension: ____

Group Name: _____ Coverage Path: ___

Security Code: _____ COR: __

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext	Name
1:	____		3:	____	
2:	____		4:	____	

Tie Trunk Group

```
                              TRUNK GROUP                        Page 1 of 5

     Group Number: __            Group Type: tie____       SMDR Reports? _

       Group Name: ________________      COR: __                   TAC: ___

        Direction: ________ Outgoing Display? _      Data Restriction? _

     MIS Measured? _

      Dial Access? _          Busy Threshold: __          Night Service: ____

     Queue Length: ___        Internal Alert? _  Incoming Destination: _

        Comm Type: _____           Auth Code? _

     TRUNK PARAMETERS

     Trunk Type(in/out): ____________  Incoming Rotary Timeout(sec): ___

     Outgoing Dial Type: ________              Incoming Dial Type: ______

                                        Disconnect Timing(msec): ____

        Digit Treatment: __________                        Digits: _____

           Used for DCS? _       PBX ID: __

         ACA Assignment? _              Long Holding Time(hours): ___

Short Holding Time(secs.): ___             Short Holding Threshold: __

              Baud Rate: ___     Synchronization: ___        Duplex: __

     Incoming Dial Tone? _                      Maintenance Test? _

Answer Supervision Timeout: __             Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

The PBX ID field only appears on this form if y is assigned to the Used for DCS field.

Tie Trunk Group (Contd)

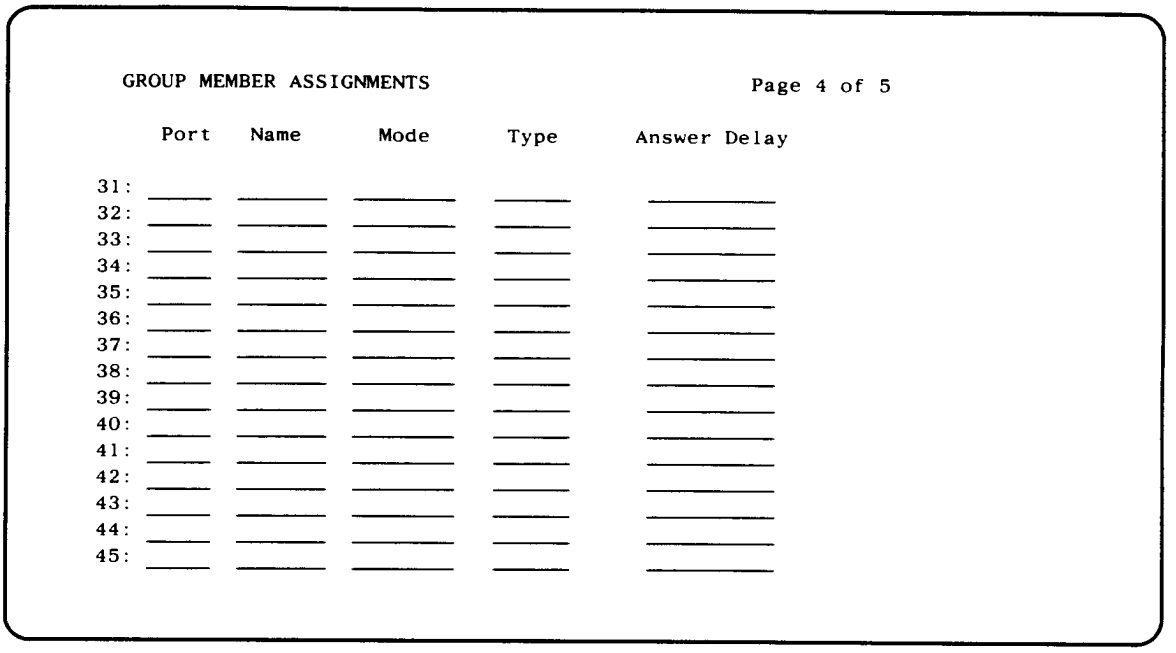
GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

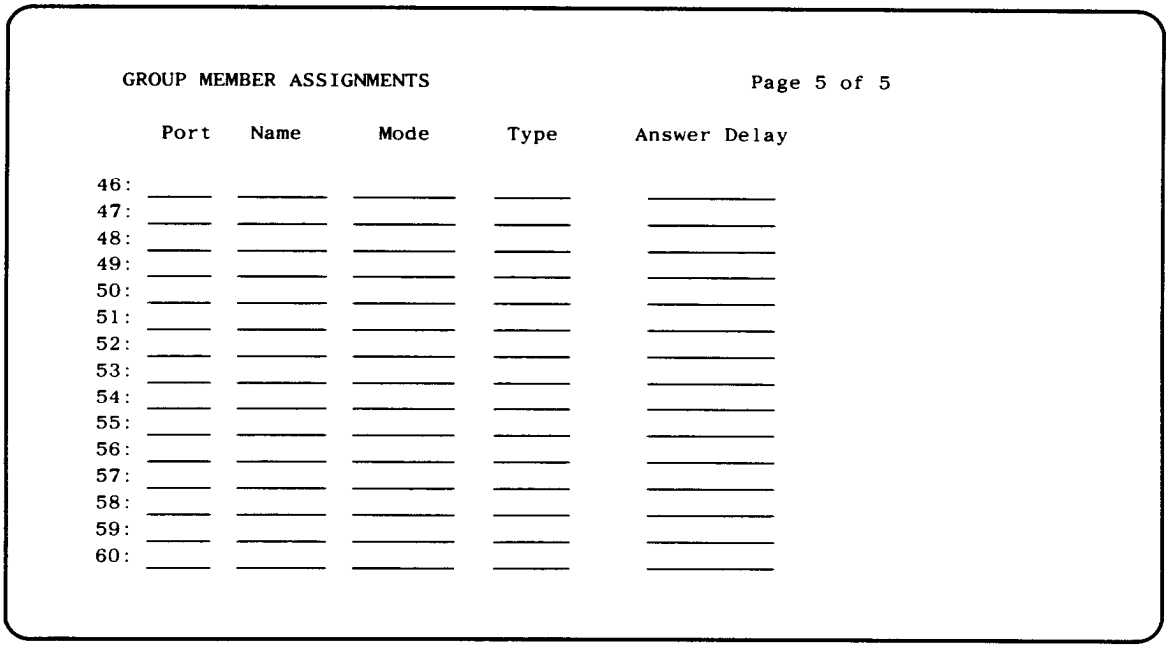
	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

Tie Trunk Group (Contd)



GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					



GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

Wide Area Telecommunications Service Trunk Group

```
                                TRUNK GROUP                    Page 1 of 5

Group Number: __              Group Type: wats          SMDR Reports? _

  Group Name: _____________      COR: __                        TAC: ___

   Direction: ________  Outgoing Display? _          Data Restriction? _

MIS Measured? _

 Dial Access? _             Busy Threshold: __            Night Service: ____

Queue Length: ___  Abandoned Call Search? _      Incoming Destination: _

   Comm Type: ___                Auth Code? __

      TRUNK PARAMETERS
            Trunk Type: ___________

      Outgoing Dial Type: ________                 Incoming Dial Type: ______

       Trunk Termination: ______                Disconnect Timing(msec): ____


         ACA Assignment? _                    Long Holding Time(hours): ___

Short Holding Time(secs.): ___                Short Holding Threshold: __

                                                    Maintenance Test? _

Answer Supervision Timeout: _ ___             Suppress # Outpulsing? _
```

Implementation Note:

The following fields only appear on this form if y is assigned to the ACA Assignment field:

- **Long Holding Time (hours)**
- **Short Holding Time (secs.)**
- **Short Holding Threshold**

Wide Area Telecommunications Service Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 2 of 5

	Port	Name	Mode	Type	Answer Delay
1:					
2:					
3:					
4:					
5:					
6:					
7:					
8:					
9:					
10:					
11:					
12:					
13:					
14:					
15:					

GROUP MEMBER ASSIGNMENTS Page 3 of 5

	Port	Name	Mode	Type	Answer Delay
16:					
17:					
18:					
19:					
20:					
21:					
22:					
23:					
24:					
25:					
26:					
27:					
28:					
29:					
30:					

Wide Area Telecommunications Service Trunk Group (Contd)

GROUP MEMBER ASSIGNMENTS Page 4 of 5

	Port	Name	Mode	Type	Answer Delay
31:					
32:					
33:					
34:					
35:					
36:					
37:					
38:					
39:					
40:					
41:					
42:					
43:					
44:					
45:					

GROUP MEMBER ASSIGNMENTS Page 5 of 5

	Port	Name	Mode	Type	Answer Delay
46:					
47:					
48:					
49:					
50:					
51:					
52:					
53:					
54:					
55:					
56:					
57:					
58:					
59:					
60:					

10 Multi-Button Electronic (MET) Voice Terminal

Page 1 of 1

STATION

Extension: ____

Type: 10MET Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _ Headset? _ Coverage Msg Retrieval?_

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Bridged Call Alerting? _ Restrict Last Appearance: __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

5: _____

20 Multi-Button Electronic (MET) Voice Terminal

Page 1 of 2

STATION

Extension: ____

Type: 20MET Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _ Headset? _ Coverage Msg Retrieval?_

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Bridged Call Alerting? _ Restrict Last Appearance: __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

5: _____

20 Multi-Button Electronic (MET) Voice Terminal (Contd)

Page 2 of 2

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

5: _____

6: _____

7: _____

8: _____

9: _____

10: _____

Implementation Note:

The entries "call-appr" or "brdg-appr" may be assigned to buttons 1 through 5 only on this form.

30 Multi-Button Electronic (MET) Voice Terminal

Page 1 of 2

STATION

Extension: ____

Type: 30MET Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _ Headset? _ Coverage Msg Retrieval?_

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Bridged Call Alerting? _ Restrict Last Appearance: __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

5: _____

30 Multi-Button Electronic (MET) Voice Terminal (Contd)

Page 2 of 2

STATION

FEATURE BUTTON ASSIGNMENTS

1:	_____	11:	_____
2:	_____	12:	_____
3:	_____	13:	_____
4:	_____	14:	_____
5:	_____	15:	_____
6:	_____	16:	_____
7:	_____	17:	_____
8:	_____	18:	_____
9:	_____	19:	_____
10:	_____	20:	_____

Implementation Note:

The entries “call-appr” or “brdg-appr” may be assigned to buttons 1 through 5 only on this form.

500 Voice Terminal

Page 1 of 1

STATION

Extension: ____

Type: 500 Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Tests? _ Cable: _____

FEATURE OPTIONS

LWC Reception? _ Headset? _ Coverage Msg Retrieval? _

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Call Waiting Indication? _

Off Premise Station? _ Distinctive Audible Alert? _

R Balance Network? _ Message Waiting Indicator? _

Switchhook Flash? __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

510D Personal Terminal

Page 1 of 4

STATION

Extension: ____

Type: 510D Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Tests? _ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval? _

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

PCOLG/TEG Call Alerting? _ Restrict Last Appearance? __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

510D Personal Terminal (Contd)

Page 2 of 4

STATION

FEATURE BUTTON ASSIGNMENTS

Column 1: 1: _____

2: _____

3: _____

Column 2: 4: _____

5: _____

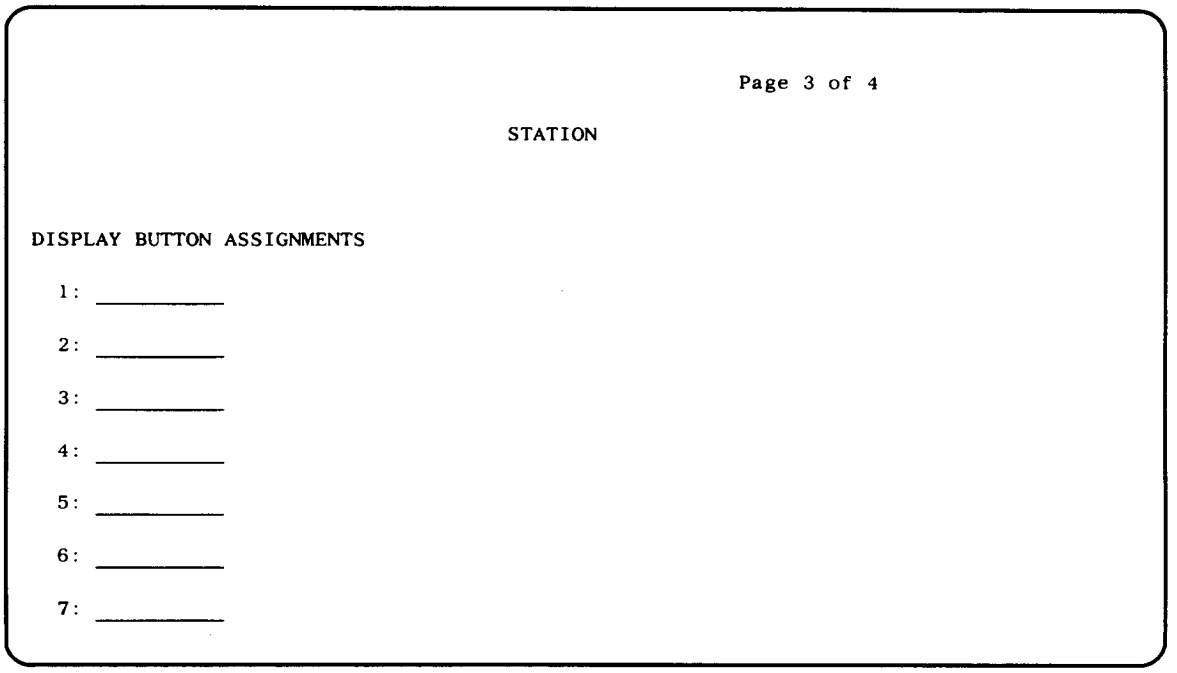
6: _____

Column 3: 7: _____

8: _____

9: _____

510D Personal Terminal (Contd)



Page 3 of 4

STATION

DISPLAY BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

5: _____

6: _____

7: _____

510D Personal Terminal (Contd)

Page 4 of 4

STATION

DATA MODULE

Data Extension: ____

Name: _____ COR: __ COS: __

ABBREVIATED DIALING

List1: _____

HOT LINE DESTINATION

Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS (Stations with a data extension buttons for this data module)

Ext	Name	Ext	Name
1: ____		3: ____	
2: ____		4: ____	

515 Business Communications Terminal

Page 1 of 3

STATION

Extension: ____

Type: 515 Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Tests? _ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval?_

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Bridged Call Alerting? _ Restrict Last Appearance? __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

515 Business Communications Terminal (Contd)

Page 2 of 3

DISPLAY BUTTON ASSIGNMENTS

1: _____
2: _____
3: _____
4: _____
5: _____
6: _____
7: _____

Page 3 of 3

STATION

DATA MODULE

Data Extension: ____

Name: _____ COR: __ COS: __

ABBREVIATED DIALING

List1: _____

HOT LINE DESTINATION

Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS (Stations with a data extension buttons for this data module)

	Ext	Name		Ext	Name
1:	____		3:	____	
2:	____		4:	____	

2500 Voice Terminal

Page 1 of 1

STATION

Extension: ____

Type: 2500 Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Tests? _ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval? _

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Call Waiting Indication? _

Off Premise Station? _ Distinctive Audible Alert? _

R Balance Network? _ Message Waiting Indicator? _

Switchhook Flash? __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

HOT LINE DESTINATION

Abbreviated Dialing List Number (From above 1, 2 or 3): _

Dial Code: __

7101A Voice Terminal

```
                                                        Page 1 of 1

                                    STATION

Extension: ____

     Type: 7101A          Lock Messages: _      COR: _   Room: _______

     Port: _____________  Security Code: ____   COS: _   Jack: _______

     Name: _____________  Coverage Path: ___   Tests? _  Cable: _______

FEATURE OPTIONS

        LWC Reception? _____  Headset? _          Coverage Msg Retrieval? _

      LWC Activation? _  Auto Answer? _                 Data Restriction? _

Redirect Notification? _                        Call Waiting Indication? _

  Off Premise Station? _                      Distinctive Audible Alert? _

    R Balance Network? _

     Switchhook Flash? __

ABBREVIATED DIALING

     List1: _______          List2: ________          List3: ________

HOT LINE DESTINATION

        Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                                  Dial Code: __
```

Implementation Note:

The field labeled “R Balance Network” only appears when y is entered in the ``Off Premise Station field.”

7103A Voice Terminal

```
                                                        Page 1 of 1

                                    STATION

Extension: ____

     Type: 7103A          Lock Messages: _      COR: _    Room: _______

     Port: _____________  Security Code: ____   COS: _    Jack: _______

     Name: _____________  Coverage Path: ___   Tests? _  Cable: _______

FEATURE OPTIONS

        LWC Reception? _____  Headset? _          Coverage Msg Retrieval? _

       LWC Activation? _  Auto Answer? _                Data Restriction? _

Redirect Notification? _                          Call Waiting Indication? _

  Off Premise Station? _                          Distinctive Audible Alert? _

    R Balance Network? _

     Switchhook Flash? __

ABBREVIATED DIALING

     List1: _______          List2: ________          List3: ________

HOT LINE DESTINATION

        Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                                    Dial Code: __
```

Implementation Note:

The field labeled "R Balance Network" only appears when y is entered in the "Off Premise Station field."

7303S Voice Terminal

Page 1 of 1

STATION

Extension: ____

Type: 7303S Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval? _

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Bridged Call Alerting? _ Personalized Ringing Pattern? _

Restrict Last Appearance? __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

7305S Voice Terminal

Page 1 of 2

STATION

Extension: ____

Type: 7305S Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval? _

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Bridged Call Alerting? _ Personalized Ringing Pattern? _

Restrict Last Appearance? __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

7305S Voice Terminal (Contd)

Page 2 of 2

STATION

FEATURE BUTTON ASSIGNMENTS

1:	_____	13:	_____
2:	_____	14:	_____
3:	_____	15:	_____
4:	_____	16:	_____
5:	_____	17:	_____
6:	_____	18:	_____
7:	_____	19:	_____
8:	_____	20:	_____
9:	_____	21:	_____
10:	_____	22:	_____
11:	_____	23:	_____
12:	_____	24:	_____

7309H Voice Terminal

```
                                                        Page 1 of 1

                                    STATION

Extension: ____

     Type: 7309H          Lock Messages: n       COR: 1   Room: _______

     Port: _____________  Security Code: ____    COS: 1   Jack: _______

     Name: _____________  Coverage Path: ___             Cable: _______

FEATURE OPTIONS

        LWC Reception? ap-spe  Headset? n          Coverage Msg Retrieval? y

      LWC Activation? y  Auto Answer? n                  Data Restriction? n

Redirect Notification? y                    Idle Appearance Preference? n

Bridged Call Alerting? n                  Personalized Ringing Pattern? _

                                               Restrict Last Appearance? __


ABBREVIATED DIALING

     List1: ________        List2: ________        List3: ________

BUTTON ASSIGNMENTS

  1: call-appr                    6: _________

  2: call-appr                    7: _________

  3: call-appr                    8: _________

  4: _________                    9: _________

  5: _________                   10: _________
```

Implementation Note:

The first three buttons must be assigned to call-appr (call appearance.)

7401D Voice Terminal

```
                                                        Page 1 of 1

                                    STATION

Extension: ____

     Type: 7403D          Lock Messages: _      COR: _    Room: _______

     Port: _____________  Security Code: ____   COS: _    Jack: _______

     Name: _____________  Coverage Path: ___              Cable: _______

FEATURE OPTIONS

          LWC Reception? _      Headset? _  Coverage Msg Retrieval? _

         LWC Activation? _  Auto Answer? _                Data Restriction? _

  Redirect Notification? _                    Idle Appearance Preference? _

                                                Restrict Last Appearance? __

  Bridged Call Alerting? _

       701A Data Module? _

ABBREVIATED DIALING

     List1: ________          List2: ________          List3: ________

BUTTON ASSIGNMENTS

  1: _________                          6: _________

  2: _________                          7: _________

  3: _________                          8: _________

  4: _________                          9: _________

  5: _________                         10: _________
```

Implementation Notes:

Leave call-appr in BUTTON ASSIGNMENTS 1 and 2. Make no entries in BUTTON ASSIGNMENT 10.

7403D Voice Terminal

Page 1 of 2

STATION

Extension: ____

Type: 7403D Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval?_

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Restrict Last Appearance? __

Bridged Call Alerting? _

701A Data Module? _

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

7403D Voice Terminal (Contd)

```
                                                    Page 2 of 2
                                    STATION

DATA MODULE

     Data Extension: ____

               Name: _ _____ _____        COR: __        COS: __

ABBREVIATED DIALING

 Listl: _______

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                          Ext      Name

     1: ____                                3: ____

     2: ____                                4: ____
```

Implementation Note:

This page only appears when the Data Module field is answered "y" on page 1.

7404D Voice Terminal

Page 1 of 3

STATION

Extension: ____

Type: 7404D Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval? _

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Bridged Call Alerting? _ Personalized Ringing Pattern? _

Restrict Last Appearance? __

Display Cartridge? _

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____ 4: _____

2: _____ 5: _____

3: _____ 6: _____

7404D Voice Terminal (Contd)

```
                                                    Page 2 of 3
                                    STATION

DATA MODULE

     Data Extension: ____

               Name: _______________        COR: __        COS: __

ABBREVIATED DIALING

 List1: ________

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                          Ext      Name

     1: ____                                3: ____

     2: ____                                4: ____
```

7404D Voice Terminal (Contd)

STATION

DISPLAY BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

5: _____

6: _____

7: _____

7405D Voice Terminal

Page 1 of 3

STATION

Extension: ____

Type: 7405D Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval?_

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Restrict Last Appearance? __

Bridged Call Alerting? _

701A Data Module? _ F401A Feature Module? _

D401A Display Module? _ C401A Coverage Module? _

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

7405D Voice Terminal (Contd)

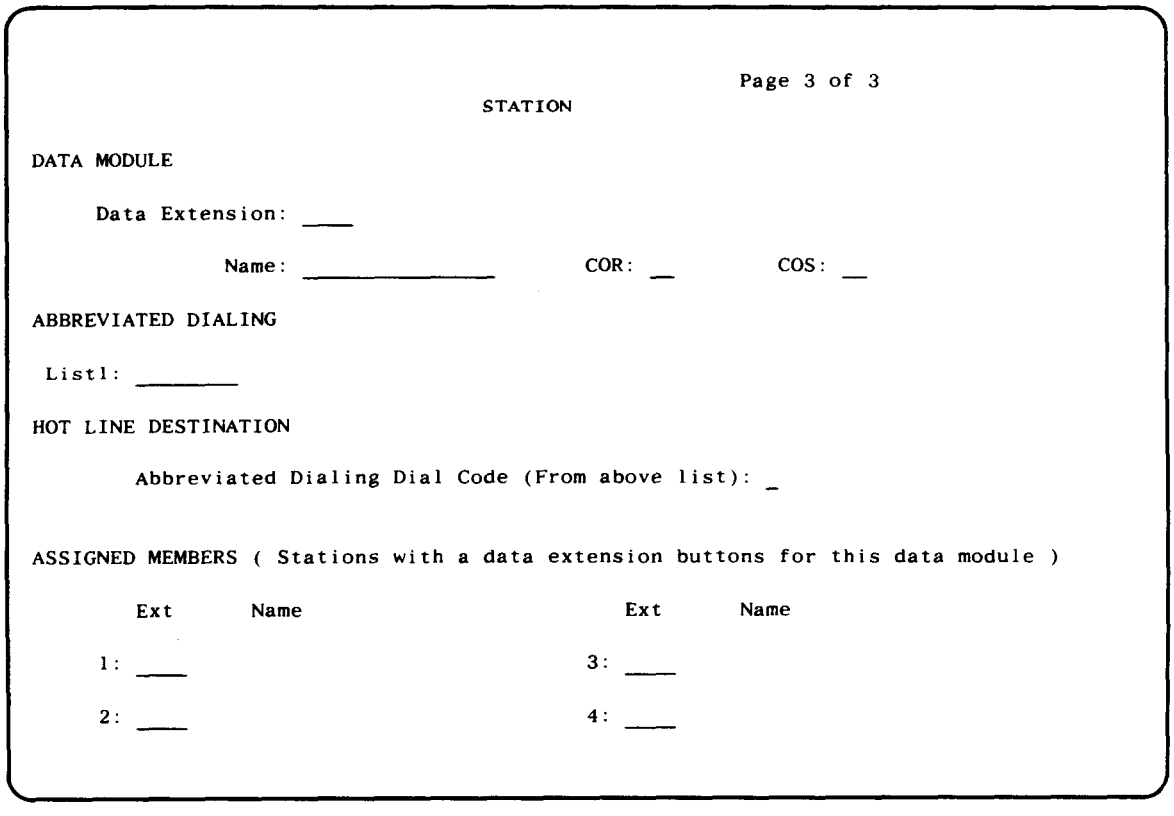
Page 2 of 3

STATION

FEATURE BUTTON ASSIGNMENTS

1:	_____	13:	_____
2:	_____	14:	_____
3:	_____	15:	_____
4:	_____	16:	_____
5:	_____	17:	_____
6:	_____	18:	_____
7:	_____	19:	_____
8:	_____	20:	_____
9:	_____	21:	_____
10:	_____	22:	_____
11:	_____	23:	_____
12:	_____	24:	_____

7405D Voice Terminal (Contd)



Page 3 of 3

STATION

DATA MODULE

Data Extension: ____

Name: _____ COR: __ COS: __

ABBREVIATED DIALING

List1: _____

HOT LINE DESTINATION

Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS (Stations with a data extension buttons for this data module)

	Ext	Name		Ext	Name
1:	____		3:	____	
2:	____		4:	____	

7406D Voice Terminal

Page 1 of 3

STATION

Extension: ____

Type: 7406D Lock Messages: __ COR: __ Room: _____

Port: _____ Security Code: ____ COS: __ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval?_

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Bridged Call Alerting? _ Personalized Ringing Pattern: __

Restrict Last Appearance? __

Data Module? __ Display Cartridge? __

Display Module? __

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____ 4: _____

2: _____ 5: _____

3: _____

7406D Voice Terminal (Contd)

Page 2 of 3

STATION

FEATURE BUTTON ASSIGNMENTS

		2: _____	
		3: _____	
1: _____		4: _____	
5: _____		12: _____	
6: _____		13: _____	
7: _____		14: _____	
8: _____		15: _____	
9: _____		16: _____	
10: _____		17: _____	
11: _____		18: _____	

Implementation Note:

Buttons 12 through 8 are accessed by shifting buttons 5 through 11.

7406D Voice Terminal (Contd)

```
                                                   Page 3 of 3
                                  STATION

DATA MODULE

    Data Extension: ____

             Name: ____________        COR: __        COS: __

ABBREVIATED DIALING

 List1: ______          List2: ______          List3: ______

HOT LINE DESTINATION
      Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                                 Dial Code: __

ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

      Ext      Name                          Ext      Name

    1: ____                               3: ____

    2: ____                               4: ____
```

Implementation Note:

> **This page only appears when the 701A Data Module field is answered “y” on page 1.**

7407D Voice Terminal

Page 1 of 4

STATION

Extension: ____

Type: 7407D Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval? _

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Bridged Call Alerting? _ Personalized Ringing Pattern? _

Restrict Last Appearance? __

Data Module? _

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

7407D Voice Terminal (Contd)

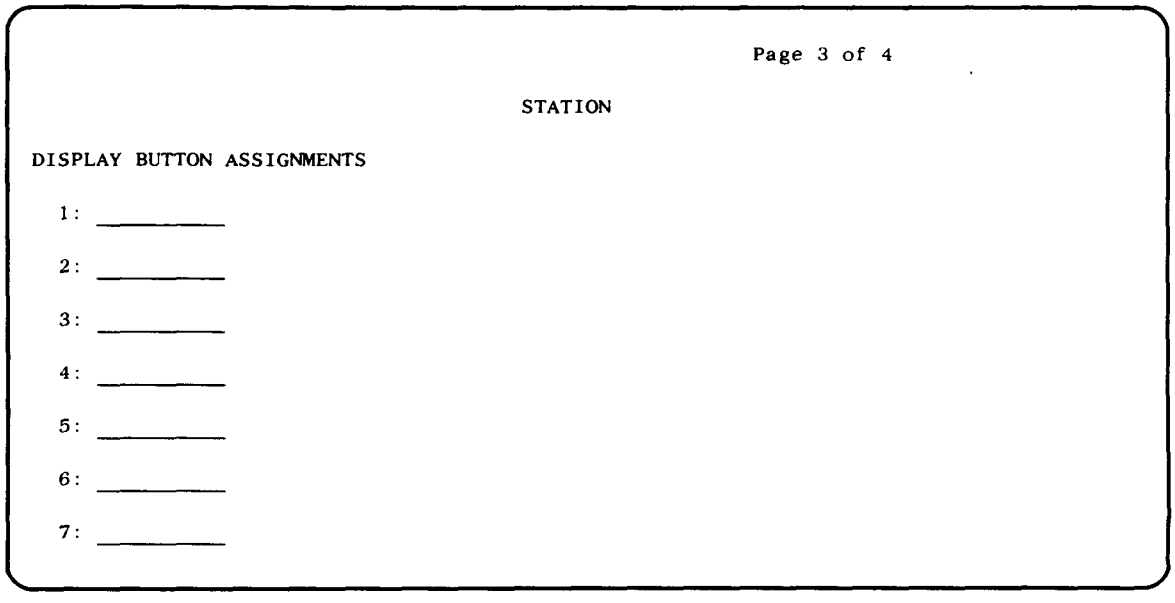
Page 2 of 4

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____	2: _____
3: _____	14: _____
4: _____	15: _____
5: _____	16: _____
6: _____	17: _____
7: _____	18: _____
8: _____	19: _____
9: _____	20: _____
10: _____	21: _____
11: _____	22: _____
12: _____	23: _____
13: _____	24: _____

7407D Voice Terminal (Contd)



Page 3 of 4

STATION

DISPLAY BUTTON ASSIGNMENTS

1: _____

2: _____

3: _____

4: _____

5: _____

6: _____

7: _____

7407D Voice Terminal (Contd)

```
                                                    Page 4 of 4
                                  STATION

DATA MODULE

     Data Extension: ____

               Name: _____________        COR: __        COS: __

ABBREVIATED DIALING

 List1: _______

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                          Ext      Name

     1: ____                                3: ____

     2: ____                                4: ____
```

Implementation Note:

This page only appears when the Data Module field is answered "y" on page 1.

Personal Computer (PC)/Private Branch Exchange (PBX) Connection

Page 1 of 4

STATION

Extension: ____

Type: PC Set: ____ Lock Messages: _ COR: _ Room: _____

Port: _____ Security Code: ____ COS: _ Jack: _____

Name: _____ Coverage Path: ___ Cable: _____

FEATURE OPTIONS

LWC Reception? _____ Headset? _ Coverage Msg Retrieval?_

LWC Activation? _ Auto Answer? _ Data Restriction? _

Redirect Notification? _ Idle Appearance Preference? _

Restrict Last Appearance? __

PCOL/TEG Call Alerting? _

ABBREVIATED DIALING

List1: _____ List2: _____ List3: _____

BUTTON ASSIGNMENTS

1: _____ 6: _____

2: _____ 7: _____

3: _____ 8: _____

4: _____ 9: _____

5: _____ 10: _____

Personal Computer (PC)/Private Branch Exchange (PBX) Connection (Contd)

```
                                                    Page 2 of 4


        DISPLAY BUTTON ASSIGNMENTS


        1: _____
        2: _____
        3: _____
        4: _____
        5: _____
        6: _____
        7: _____
```

```
                                                    Page 3 of 4
                                    STATION

DATA MODULE

     Data Extension: ____

              Name: _____________      COR: __      COS: __

ABBREVIATED DIALING

 Listl: _____

HOT LINE DESTINATION

        Abbreviated Dialing Dial Code (From above list): _

ASSIGNED MEMBERS ( Stations with a data extension buttons for this data module )

        Ext      Name                        Ext      Name

     1: ____                             3: ____

     2: ____                             4: ____
```

Personal Computer (PC)/Private Branch Exchange (PBX) Connection (Contd)

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____	13: _____
2: _____	14: _____
3: _____	15: _____
4: _____	16: _____
5: _____	17: _____
6: _____	18: _____
7: _____	19: _____
8: _____	20: _____
9: _____	21: _____
10: _____	22: _____
11: _____	23: _____
12: _____	24: _____

CHAPTER 8. REFERENCES

The following is an abbreviated listing of System 75 documents. Included is a brief description of each document in the list. For a complete listing of System 75 documents, refer to the *AT&T System 75—Documentation Guide and Subject index,* 555-200-010.

To order copies of any of these documents, refer to the address on the back of the title page.

AT&T Telecommunication Electrical Protection 350-060

Provides practical, functional information and application detail combined with training material for telecommunication engineers in the electrical protection field.

Business Communications Systems Publications Catalog 555-000-010

Provides a list of publications that support AT&T business communications systems. Also provides a brief description of each publication listed.

AT&T System 75 and System 85—Terminals and Adjuncts 555-015-201

Provides concise physical and functional descriptions of the peripheral equipment that can be used with System 75 and System 85. It is intended as an aid for both AT&T and customer personnel in selecting appropriate components for these systems and in training and management.

AT&T System 75 and System 85—DS1/DMI Interface 555-025-101

Provides both a broad and detailed description of the System 75 and System 85 DS1/DM1 Interface. Introduces and defines concepts and terminology unique to DS1/DM1. Also includes applications, engineering procedures and considerations, cabling and connection arrangements, administration requirements, restrictions and limitations, etc.

AT&T System 75—Installation and Test 555-200-104

Provides the information necessary to perform the tasks of installing and testing the system's common equipment. Includes a description of the necessary tools and equipment.

AT&T System 75—System Maintenance 555-200-105

Provides the information necessary for monitoring, testing, and maintaining the AT&T System 75. It is intended to cover many of the faults and troubles that can occur in the system.

AT&T System 75—Upgrades and Additions **555-200-106**

Provides procedures and information required to upgrade an R1V1 System 75 to a R1V2 or R1V3 System 75, to upgrade an R1V2 System 75 to an R1V3 System 75, and to make additions to an operational System 75, after the initial switch installation.

AT&T System 75—Wiring **555-200-111**

Provides the information necessary for installing inside wiring for the AT&T System 75 and System 75 XE.

AT&T System 75—Wiring Pocket Reference **555-200-112**

Provides a quick reference for wiring information relating to the AT&T System 75 and System 75 XE.

AT&T System 75 Electrical Protection, Grounding, and Exposure Checklists **555-200-120**

Provides coverage of the conditions that must be met before adequate electrical protection can be assured for a System 75 installation. It reflects the requirements of AT&T and the National Electrical Code for protecting equipment against electrical disturbances or exposures including: lightning, power contact, power induction, and ground potential rise.

AT&T System 75—System Description **555-200-200**

Provides a technical description of the system hardware, environmental and space requirements, and parameters. This document also provides a brief description of features and services.

AT&T System 75—Feature Description **555-200-201**

Provides a technical description of System 75 and System 75 XE features and parameters.

AT&T System 75—Administration **555-200-500**

Describes the management of the AT&T System 75 and System 75 XE administration and operation. Includes the guidelines for initialization, reconfiguration, backup procedures, monitoring system performance, and maintaining system security. Includes a description of the tasks that can be performed via the System Access Terminal and the prerequisites for completion.

AT&T System 75—Planning/Configuration **555-200-600**

Provides a method for defining the customer's system requirements and for collecting the information used to estimate System 75 and System 75 XE hardware requirements.

AT&T System 75—Implementation—Release 1 Version 1 **555-200-650**

Provides the procedures and associated forms for collecting system and terminal software information. This information is used to initialize the system using the System Access Terminal.

AT&T System 75—Implementation—Release 1 Version 2 **555-200-651**

Provides the procedures and associated forms for collecting system and terminal software information. This information is used to initialize the AT&T System 75 and System 75 XE using the System Access Terminal.

AT&T System 75—Console Operations **555-200-700**

Provides "how-to-operate" instructions for the attendant console. Serves as a reference when defining the console control keys and Incoming Call Identification requirements.

AT&T System 75—Voice Terminal Operations **555-200-701**

Describes all the voice features and provides the "how-to-operate" instructions for each voice terminal. Serves as a reference when defining user requirements.

AT&T System 75—Automatic Call Distribution (ACD)—Agent Instructions **555-200-722**

Provides information for use by agents after training is completed. The various ACD features are described and the procedures for using them are provided in this document. The information in this document applies only to Release 1 Version 3 systems.

AT&T System 75—Hospitality Operations **555-200-723**

Contains the procedures for using the Hospitality Services of AT&T System 75, Release 1 Version 3. These services include a group of System 75-based features that support the lodging industry. Hotels and motels use the features to improve their property management and to provide assistance to their employees and clients.

AT&T System 75—Automatic Call Distribution (ACD)—Supervisor Instructions **555-200-724**

Provides information for use by supervisors after training is completed. The various ACD features are described and the procedures for using them are provided in this document. The information in this document applies only to Release 1 Version 3 systems.

AT&T System 75 XE—Switch Installation and Test **555-201-104**

Provides the information necessary to perform the tasks of installing and testing the system's common equipment. Includes a description of the necessary tools and equipment.

AT&T System 75 XE—System Maintenance **555-201-105**

Provides the information necessary for monitoring, testing, and maintaining the AT&T System 75 XE. It is intended to cover many of the faults and troubles that can occur in the system.

AT&T System 75 XE—System Upgrades and Additions **555-201-106**

Provides procedures and information for upgrading or making additions to an operational system after the initial switch installation.

AT&T System 75 XE—System Description **555-201-200**

Provides a technical description of the system hardware, environmental and space requirements, and parameters. This document also provides a brief description of features and services.

User instruction booklets are also available for all terminals used with System 75 and System 75 XE.

CHAPTER 9. INDEX

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