

Fig. 4.3-27 Forward Link Power Management Information (RS2) Verification

4.3.2.6. Backward Link Power Management Information (RS2) Verification

Rate Set 2 transmits data at the speed of 14400,7200,3600,1800 bps. Input the following command to check the parameter information for RS2 Backward Link Power Management. Among the input values, FER (Frame Error Rate) has the value ranging from 0.5%, 1 to 5%.

- Command DIS-RS2-REVP: BSC=a, BTS=b, FER=c;

a : BSC Number(0~11)

b: BTS Number(0~47)

c:FER

(POINT_5/PERCENT_1/PERCENT_2/PERCENT_3/PERCENT_4/PERCET_5)

- Input DIS-RS2-REVP: BSC=0, BTS=0, FER=POINT_5;
- Output

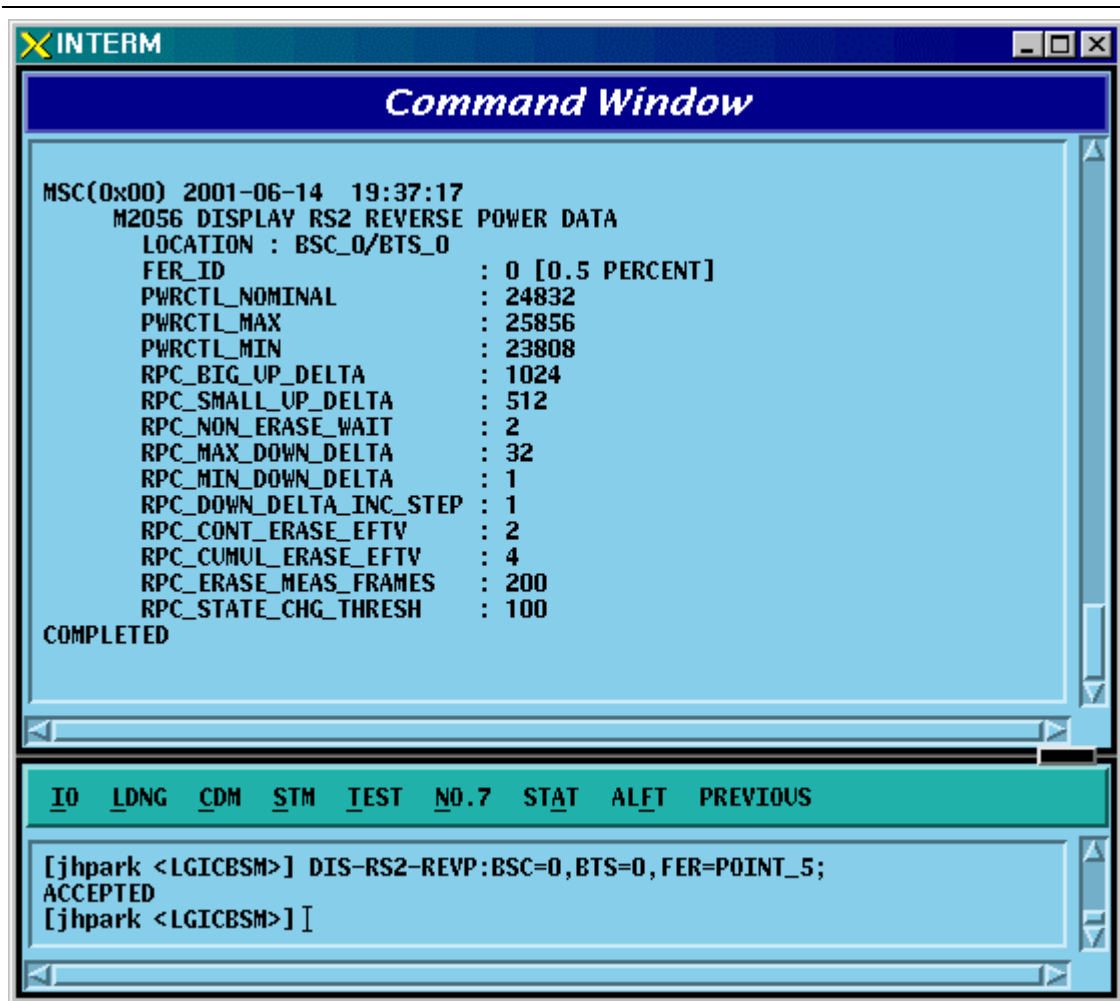


Fig. 4.3-28 Backward Link Power Management Information (RS2) Verification

4.3.2.7. Service Option FER Verification

Target FER can be designated by the Service Option. Input the following command to display this information. In the next display, 1% Target FER is applied for the "8K VOICE" Service Option and for this, the following power management information is used: RS1 forward link power management information, RS1 backward link power management information, RS2 forward link power management information, and RS2 backward (or reverse-direction) link power management information.

- Command DIS-FER-PARA: BSC=a;
a : BSC Number(0~11)
- Input DIS-FER-PARA: BSC=0;
- Output

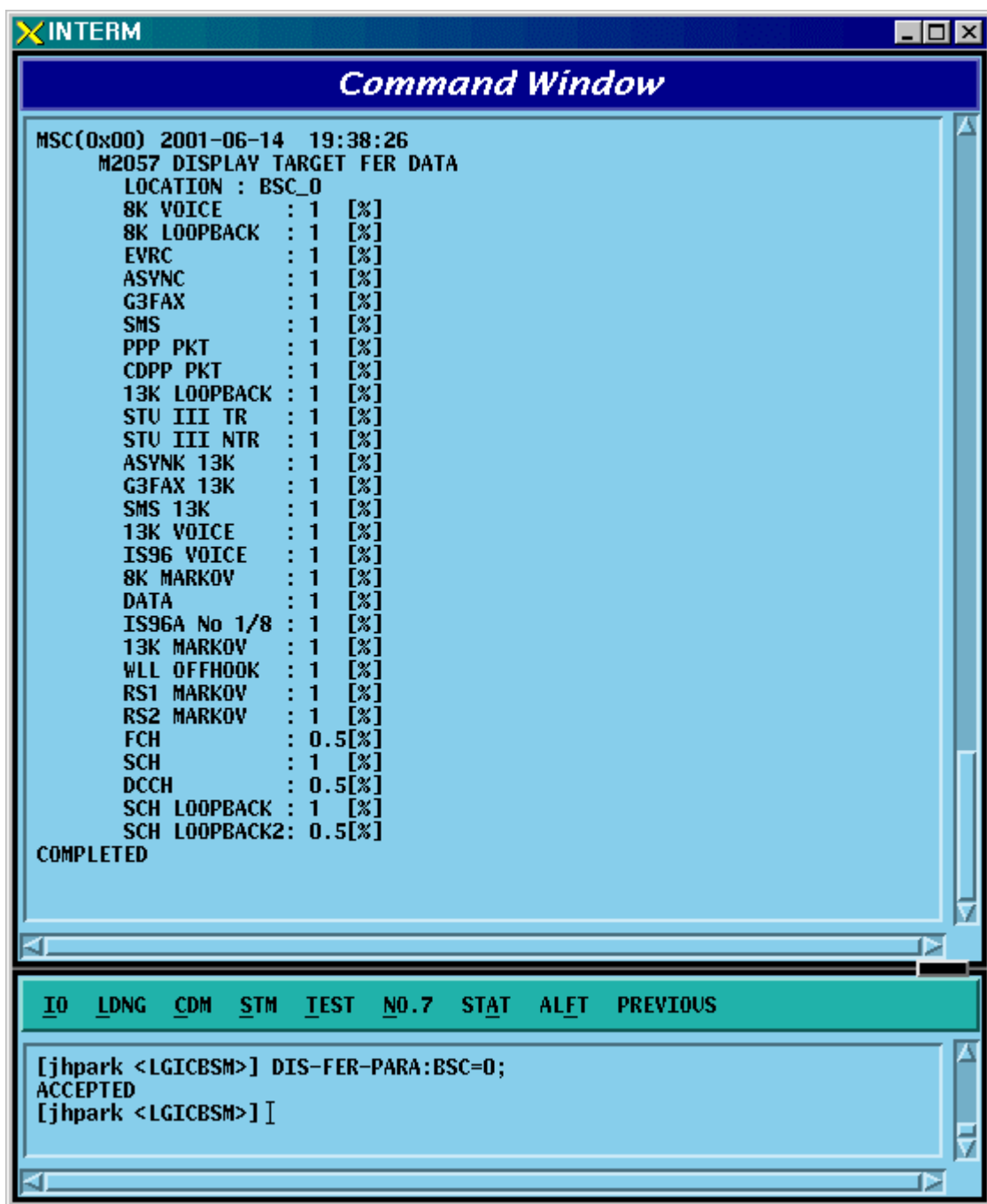


Fig. 4.3-29 Service Option FER Verification

4.3.2.8. MAHHO Verification

- Command DIS-MAHH-PARA: BSC=a, BTS=b, SECT=c;
 - a : BSC Number(0~11)
 - b: BTS Number(0~47)
 - c: Sector Id .(ALPHA/BETA/GAMMA)
- Input DIS-MAHH-PARA: BSC=0,BTS=0,SECT=ALPHA;
- Output

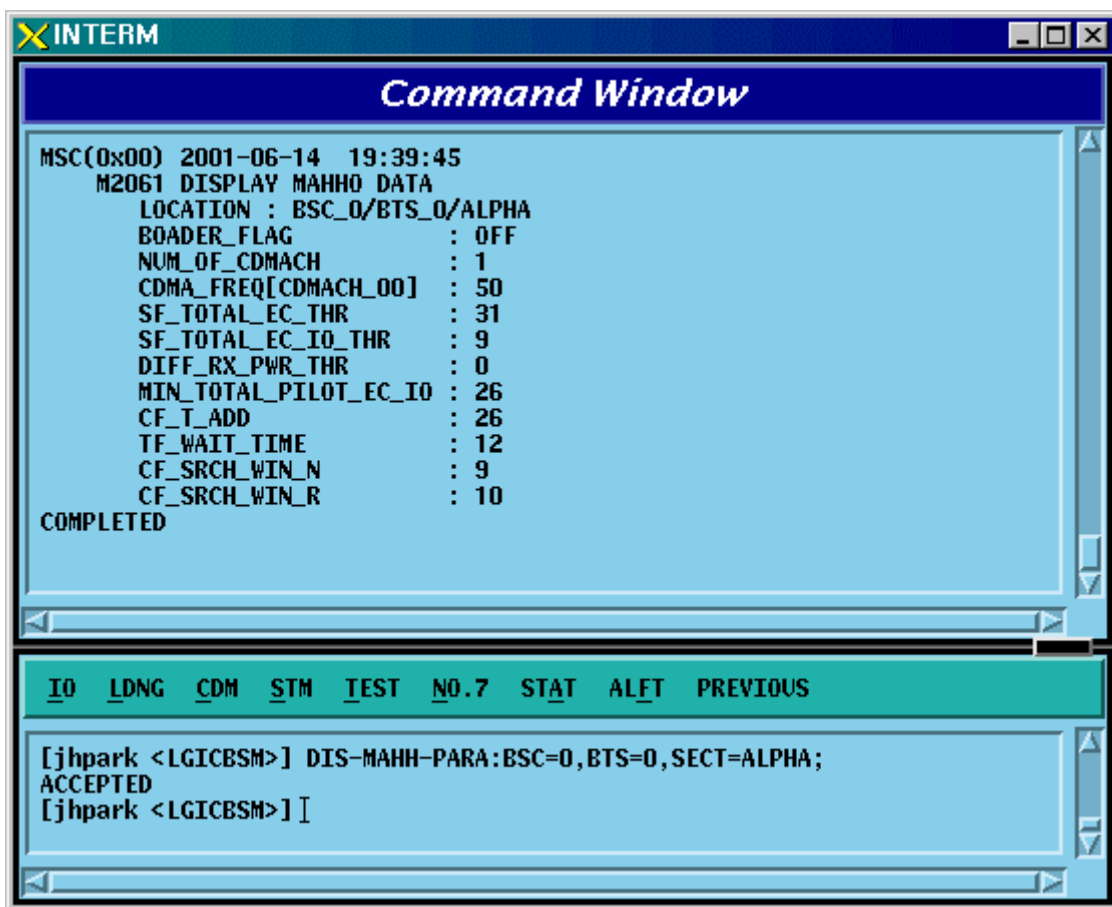


Fig. 4.3-30 MAHHO Verification

4.3.2.9. LOCATION Verification

- Command DIS-LOC-PARA: BSC=a, BTS=b, SECT=c;
 - a : BSC Number(0~11)
 - b: BTS Number(0~47)
 - c: Sector Id .(ALPHA/BETA/GAMMA)
- Input DIS-LOC-PARA: BSC=0,BTS=0,SECT=ALPHA;
- Output

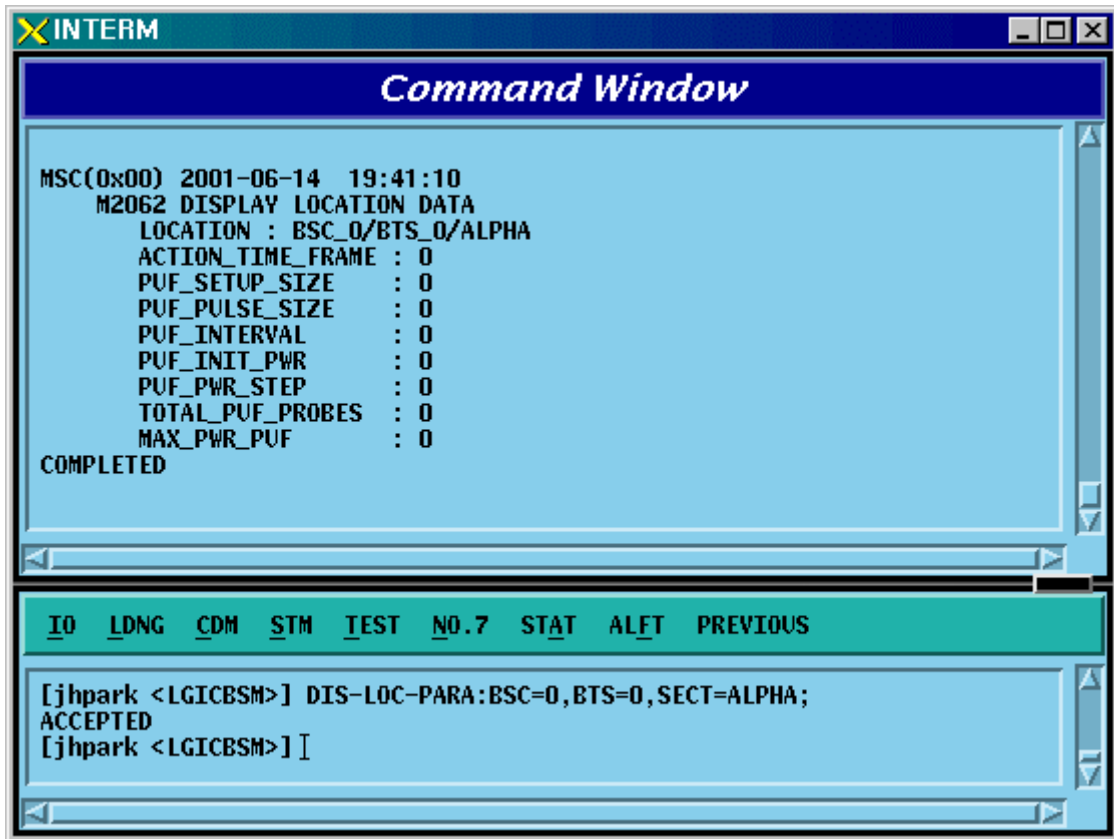


Fig. 4.3-31 LOCATION Verification

4.3.2.10. SCH Verification

- Command DIS-SCH-PARA: BSC=a, BTS=b, SECT=c;
 - a : BSC Number(0~11)
 - b: BTS Number(0~47)
 - c: Sector Id .(ALPHA/BETA/GAMMA)
- Input DIS-SCH-PARA: BSC=0,BTS=0,SECT=ALPHA;
- Output

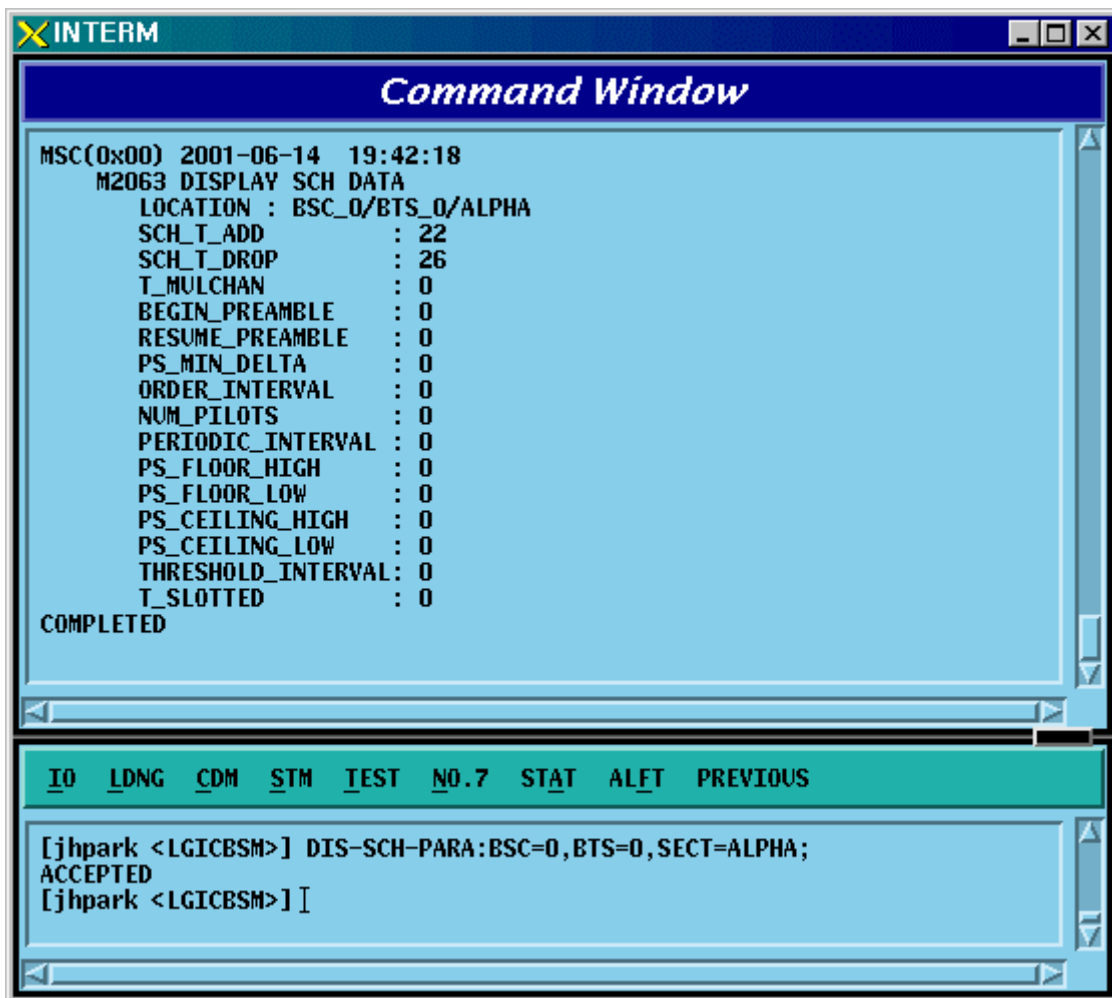


Fig. 4.3-32 SCH Verification

4.3.2.11. Power Control Data Verification

- Command DIS-PWR-CTRL: BSC=a, BTS=b, FER=c;
 - a : BSC Number(0~11)
 - b: BTS Number(0~47)
 - c: FER (0~30)
- Input DIS-PWR-CTRL: BSC=0, BTS=0,FER=0;
- Output

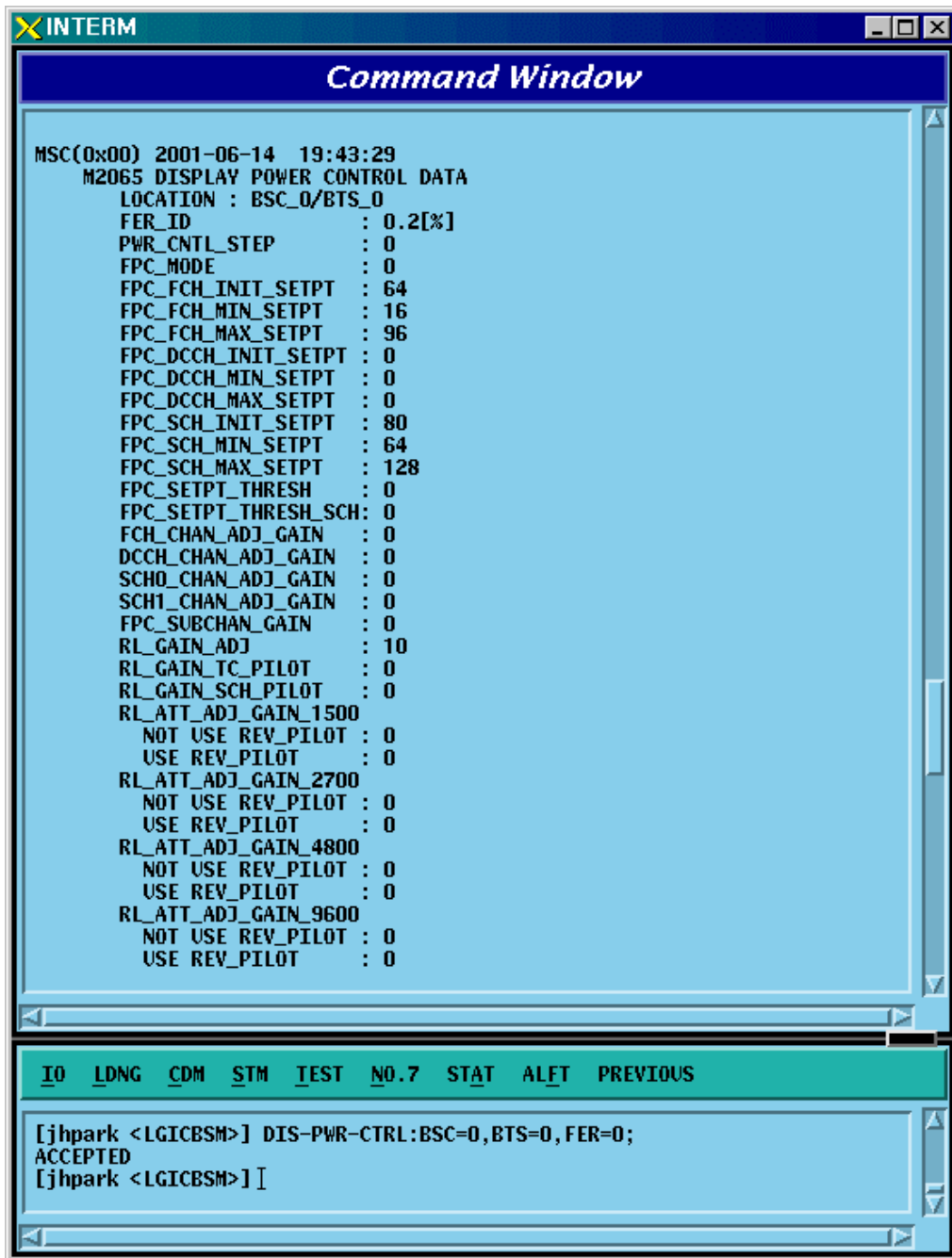


Fig. 4.3-33 Power Control Data Verification

4.3.2.12. BTS Name Display

Input the following command to display the BTS name:

- Command DIS-BTS-NAME: BSC=a, BTS=b;
a : BSC Number(0~11)
b: BTS Number(0~47)
- Input DIS-BTS-NAME: BSC=0, BTS=0;
- Output

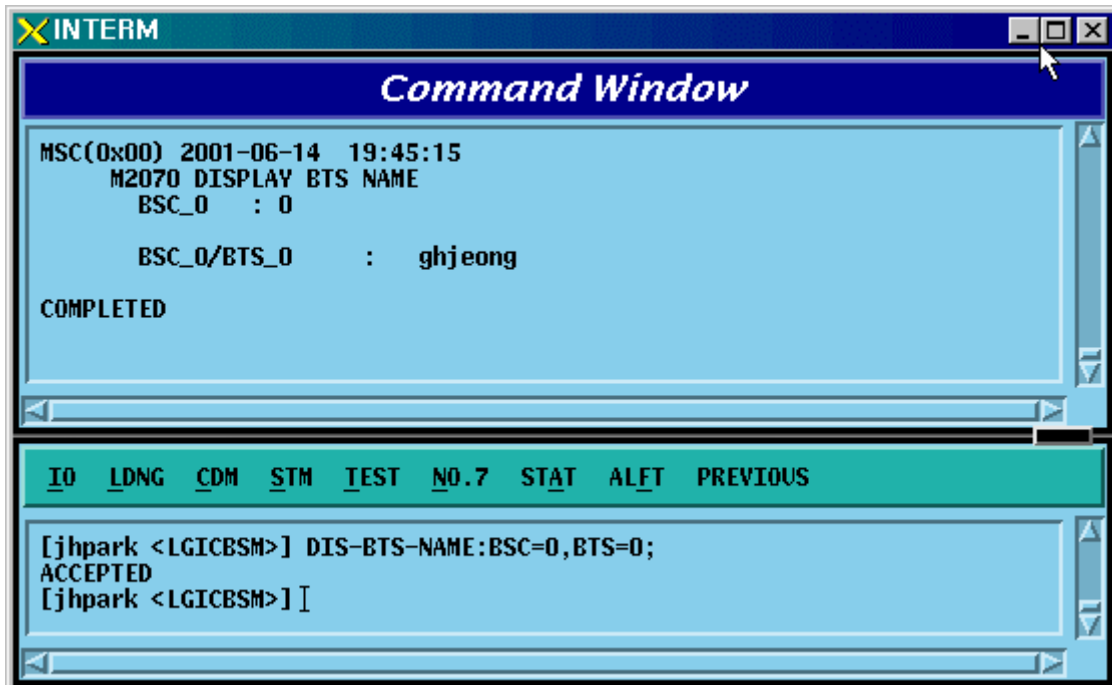


Fig. 4.3-34 BTS Name Display

4.3.2.13. PCP Timer Information Verification

- Command DIS-PCF-TIMER:PCP =a;
a : PCP Number(0~2)
- Input DIS-PCF-TIMER: PCP=0;
- Output

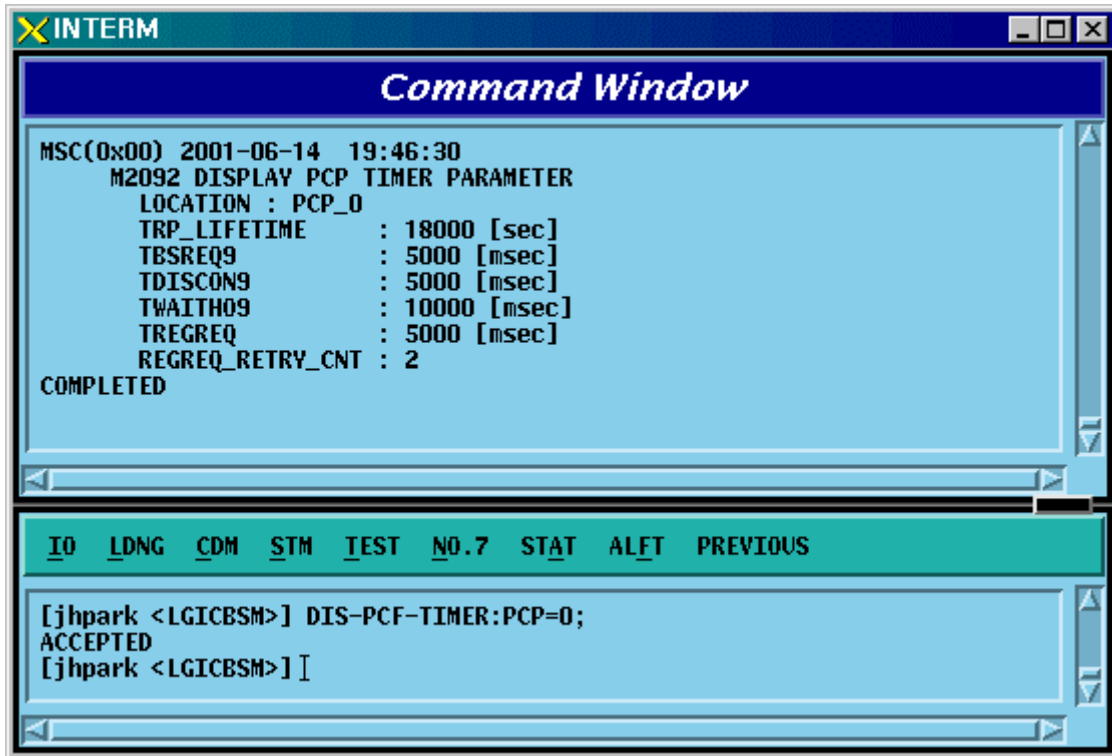


Fig. 4.3-35 PCP Timer Information Verification

4.3.2.14. PCF Parameter Information Verification

- Command DIS-PCF-PARA :PCP =a;
a : PCP Number(0~2)
- Input DIS-PCF-PARA: PCP=0;
- Output

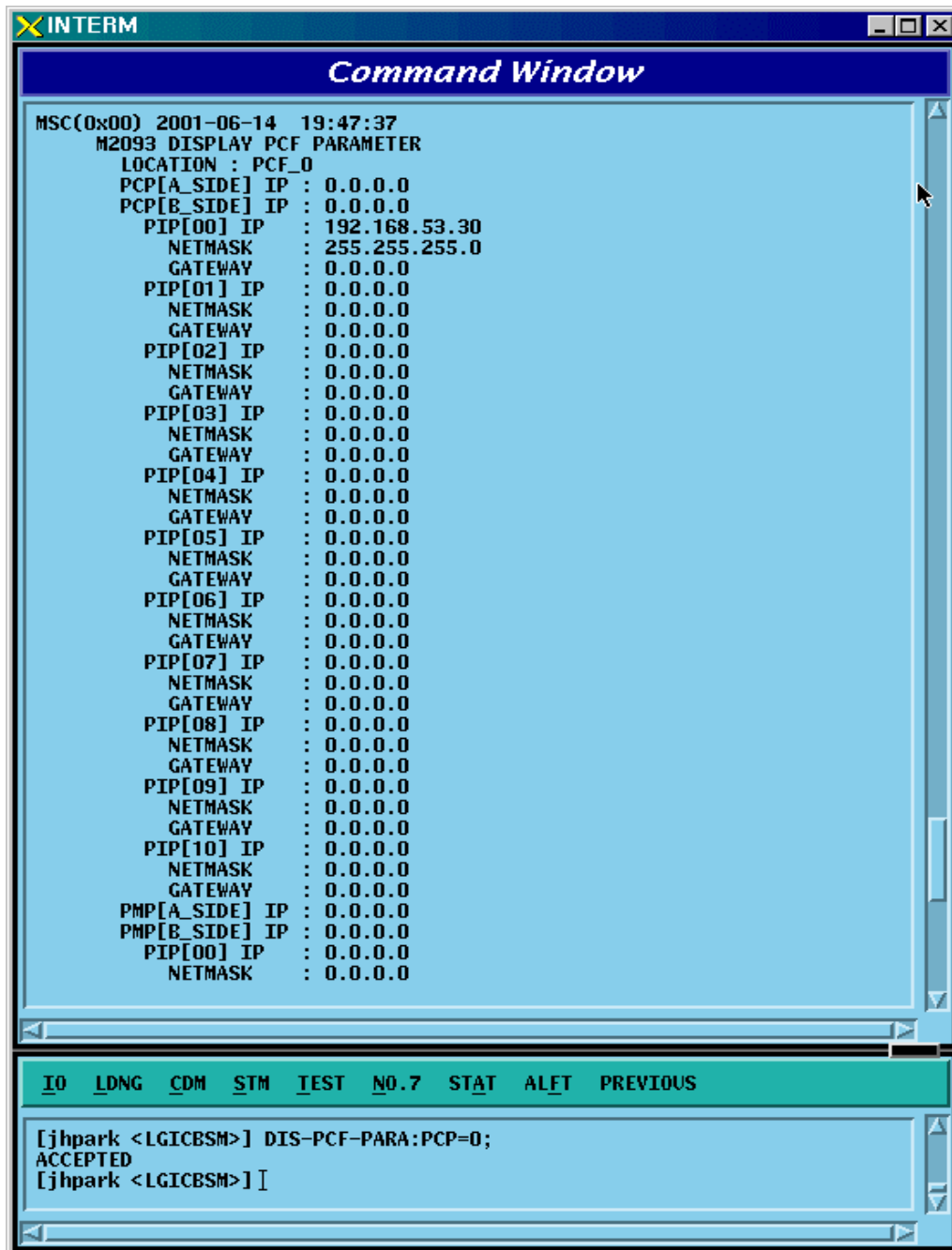


Fig. 4.3-36 PCF Parameter Information Verification

4.3.2.15. PCF MAC ADDRESS Information Verification

- Command DIS-PCF-MAC :PCP =a;
a : PCP Number(0~2)
- Input DIS-PCF-MAC: PCP=0;
- Output

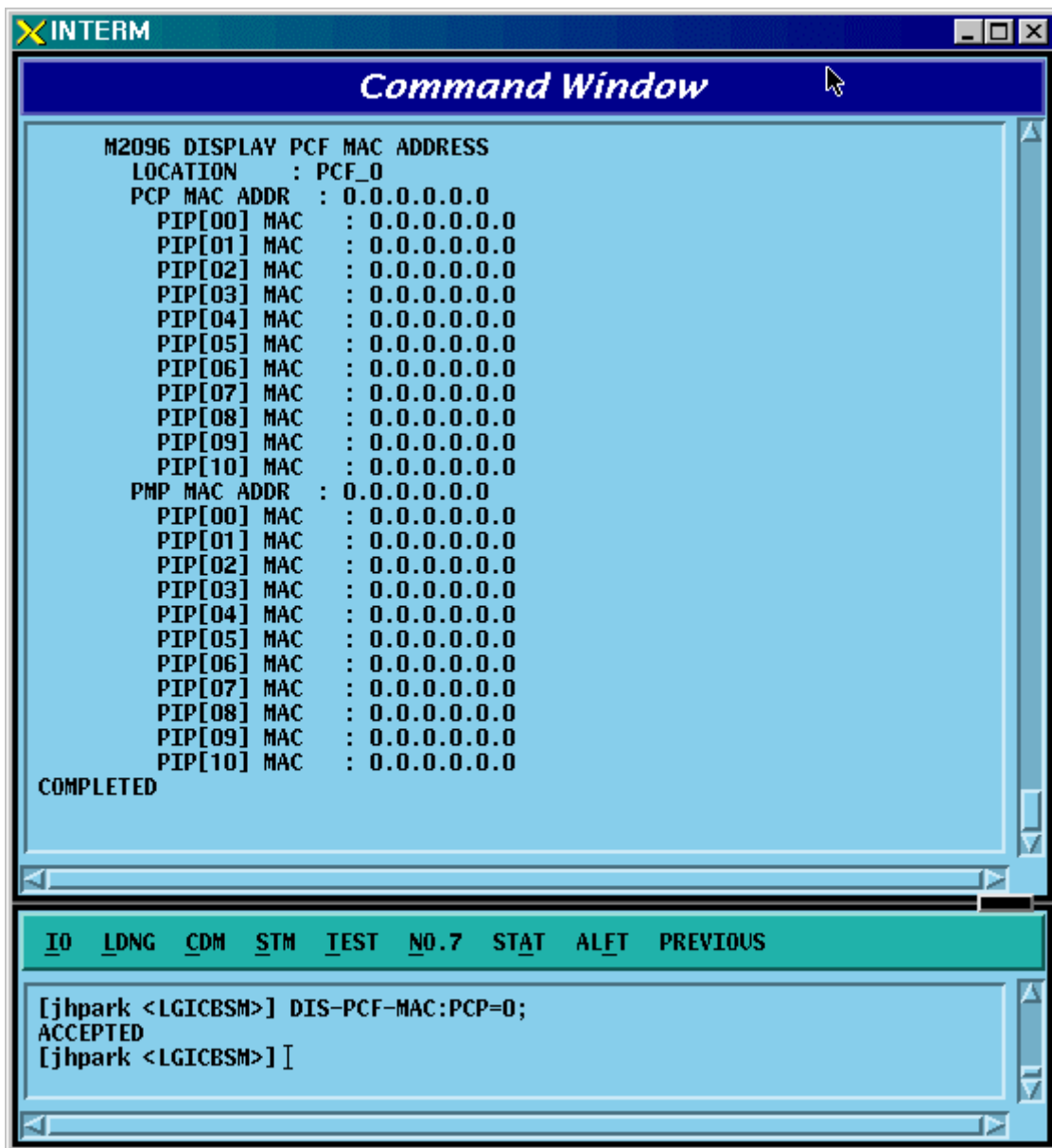


Fig. 4.3-37 PCF MAC ADDRESS Information Verification

4.3.3. NETWORK Information Display (Display_Parameter_Information_3)

4.3.3.1. CAN ATM NODE Information Display

- Command DIS-CAN-NODE;
- Output

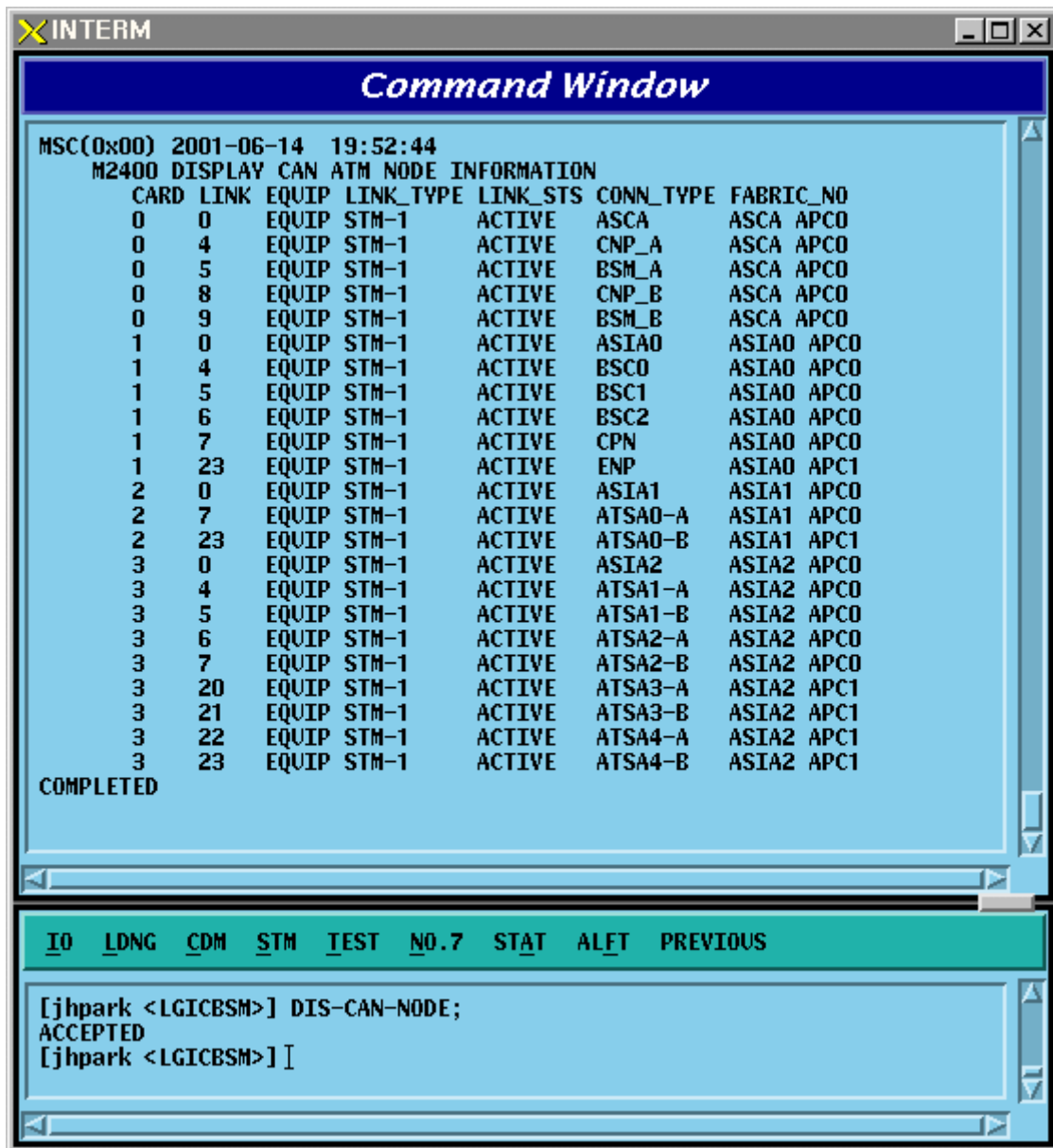


Fig. 4.3-38 CAN ATM NODE Information Display

4.3.3.2. CAN PVC SETTING Information Display

- Command DIS-CAN-PVC;NODE_A=a;
- Input DIS-CAN-PVC: NODE_A=BSM_A;
a: BSM_A,BSM_B, BSC (0~11)
- Output

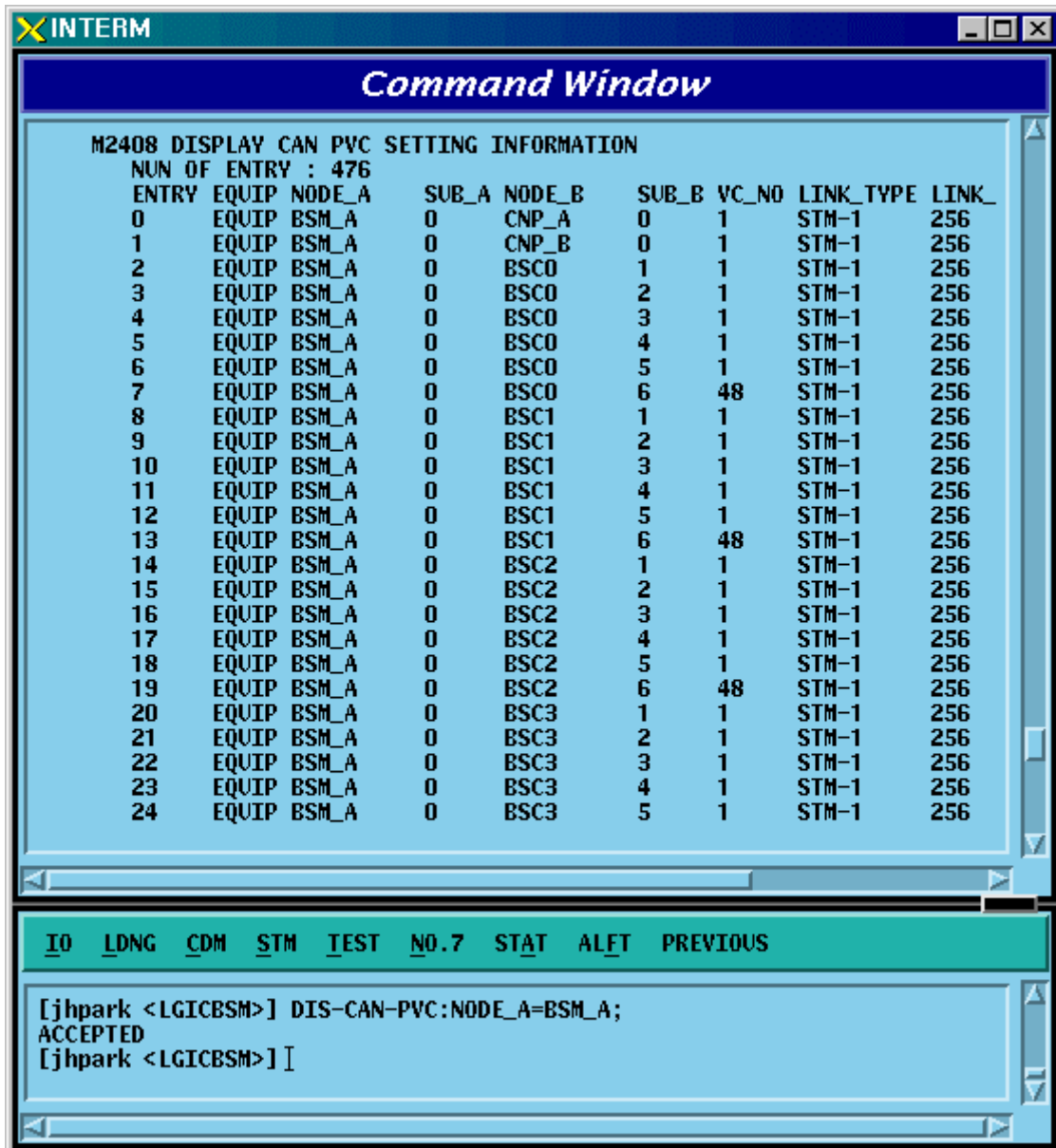


Fig. 4.3-39 CAN PVC SETTING Information Display

4.3.3.3. CAN NETWORK PARAMETER Information Display

- Command DIS-CAN-NETP;
- Input DIS-CAN-NETP;
- Output

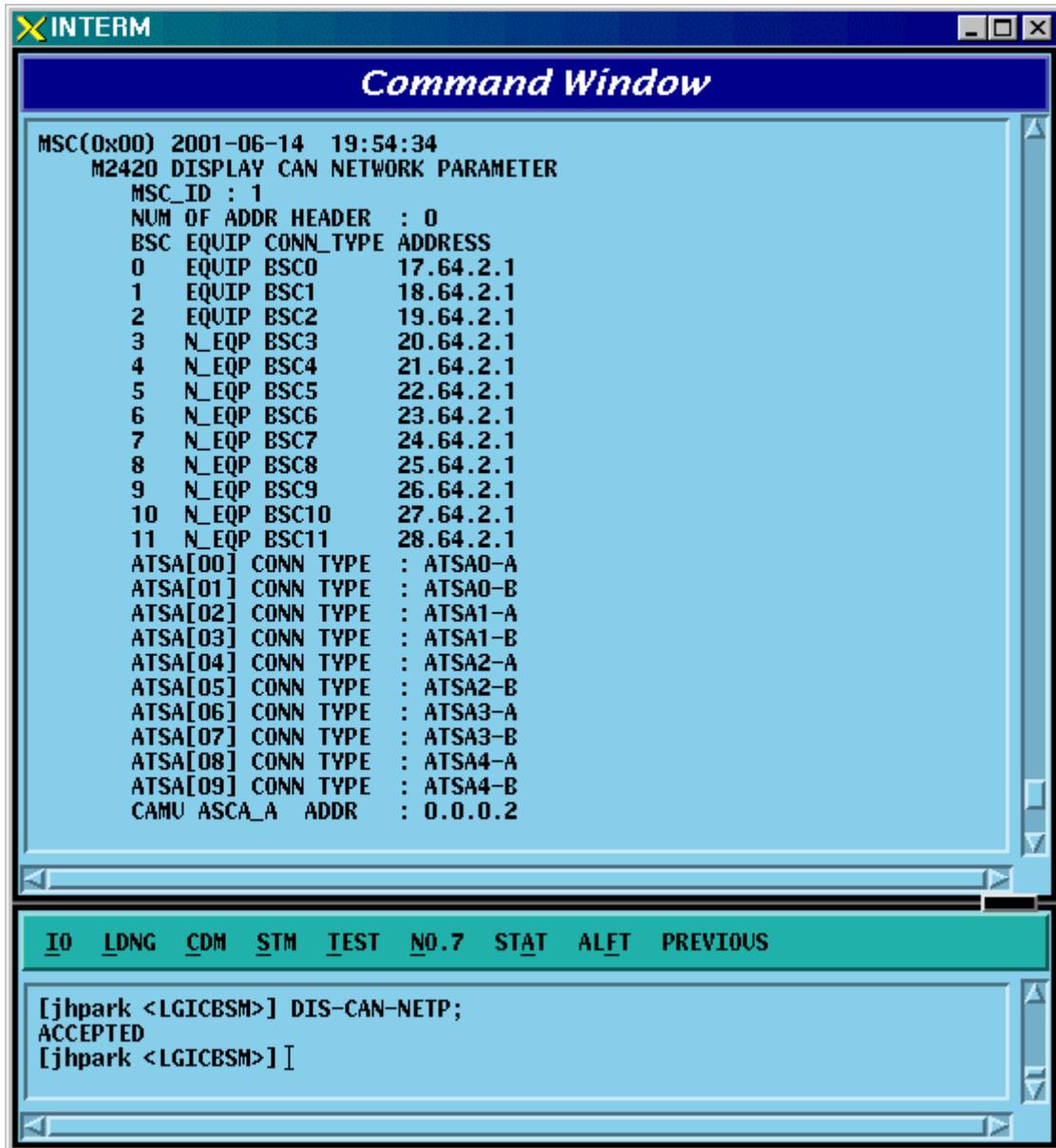


Fig. 4.3-40 CAN NETWORK PARAMETER Information Display

4.3.3.4. CAN INTER BSC AAL2 Setting Information Display

- Command DIS-CAN-IUR:BSC=a;
a:BSC Number (0~11)
- Input DIS-CAN-IUR:BSC=0;
- Output

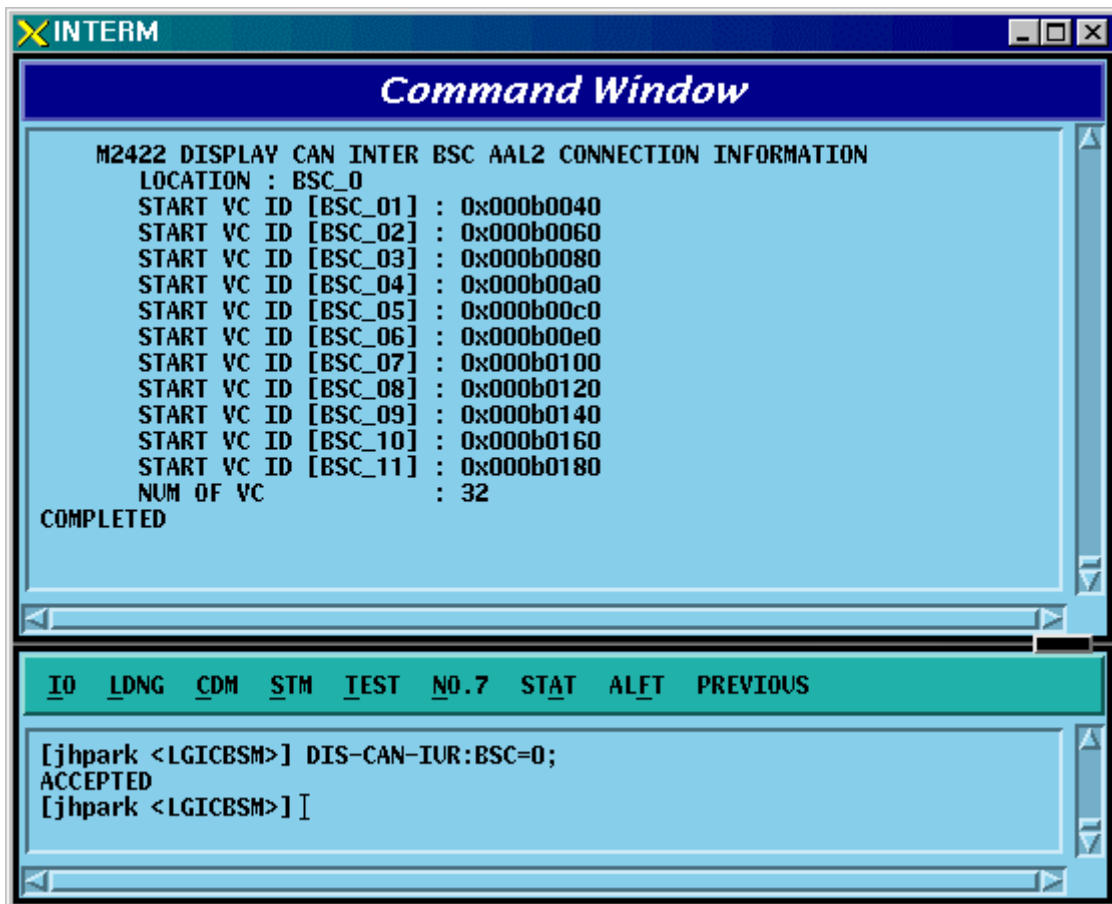


Fig. 4.3-41 CAN INTER BSC AAL2 Setting Information Display

4.3.3.5. CAN INTER BSC AAL5 Setting Information Display

- Command DIS-CAN-BSC;
- Output

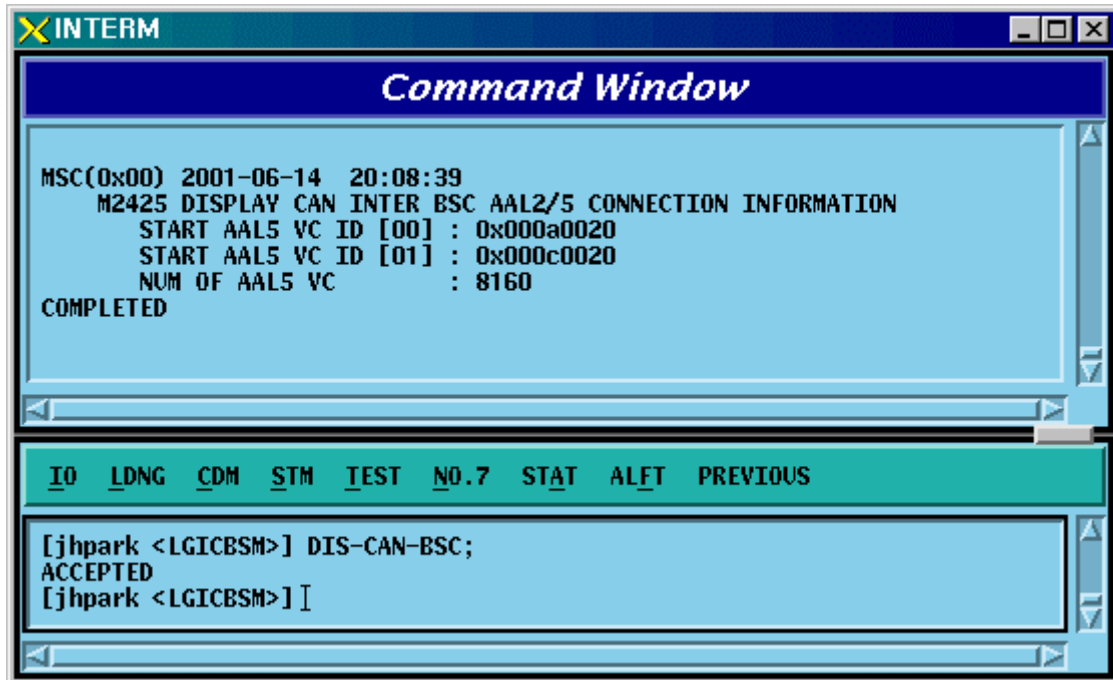


Fig. 4.3-42 CAN INTER BSC AAL5 Setting Information Display

4.3.3.6. CAN ATM NODE Information Display

- Command DIS-CPN-NODE;
- Output

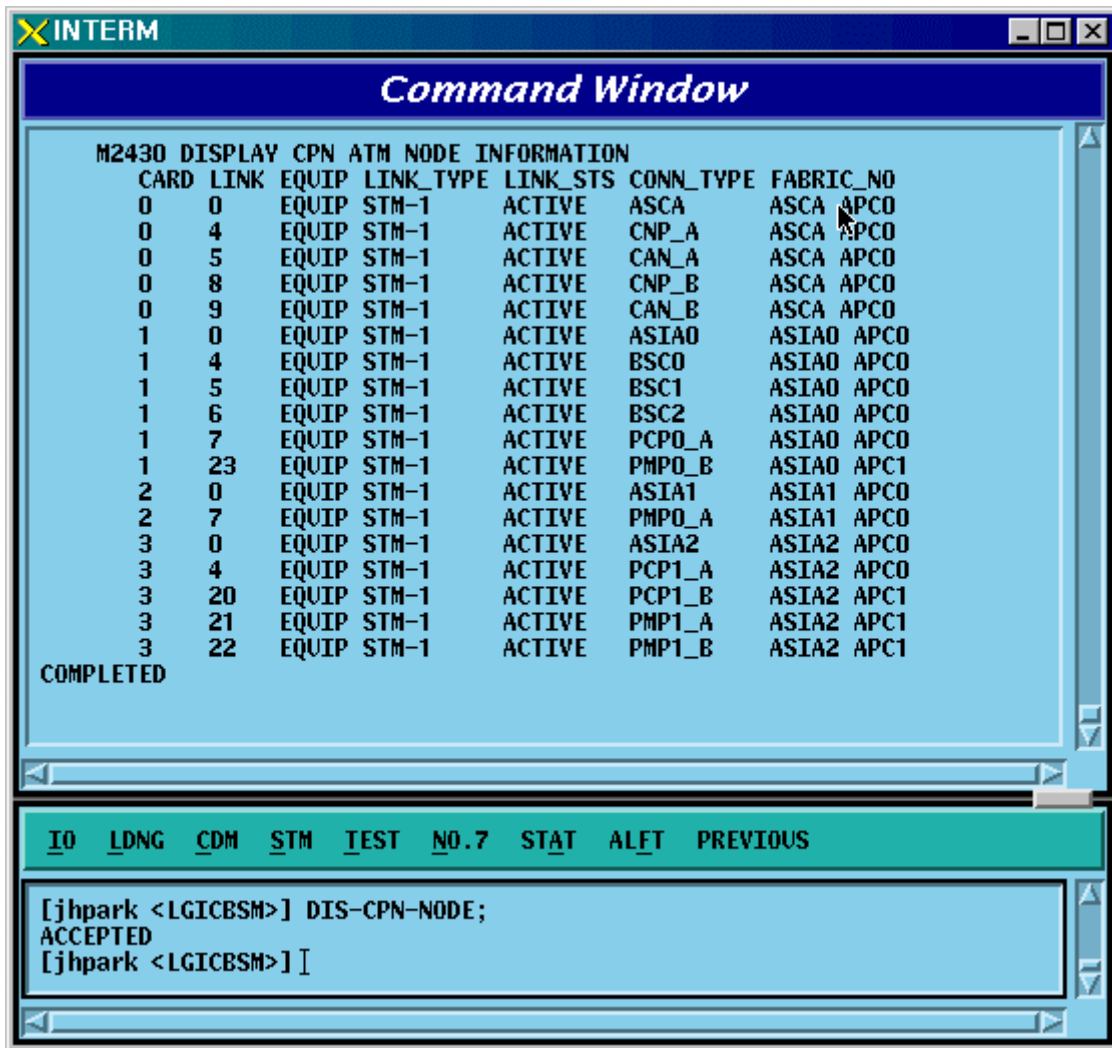


Fig. 4.3-43 CAN ATM NODE Information Display

4.3.3.7. PCF ATM NODE Information Display

- Command DIS-PCF-NODE
- Output

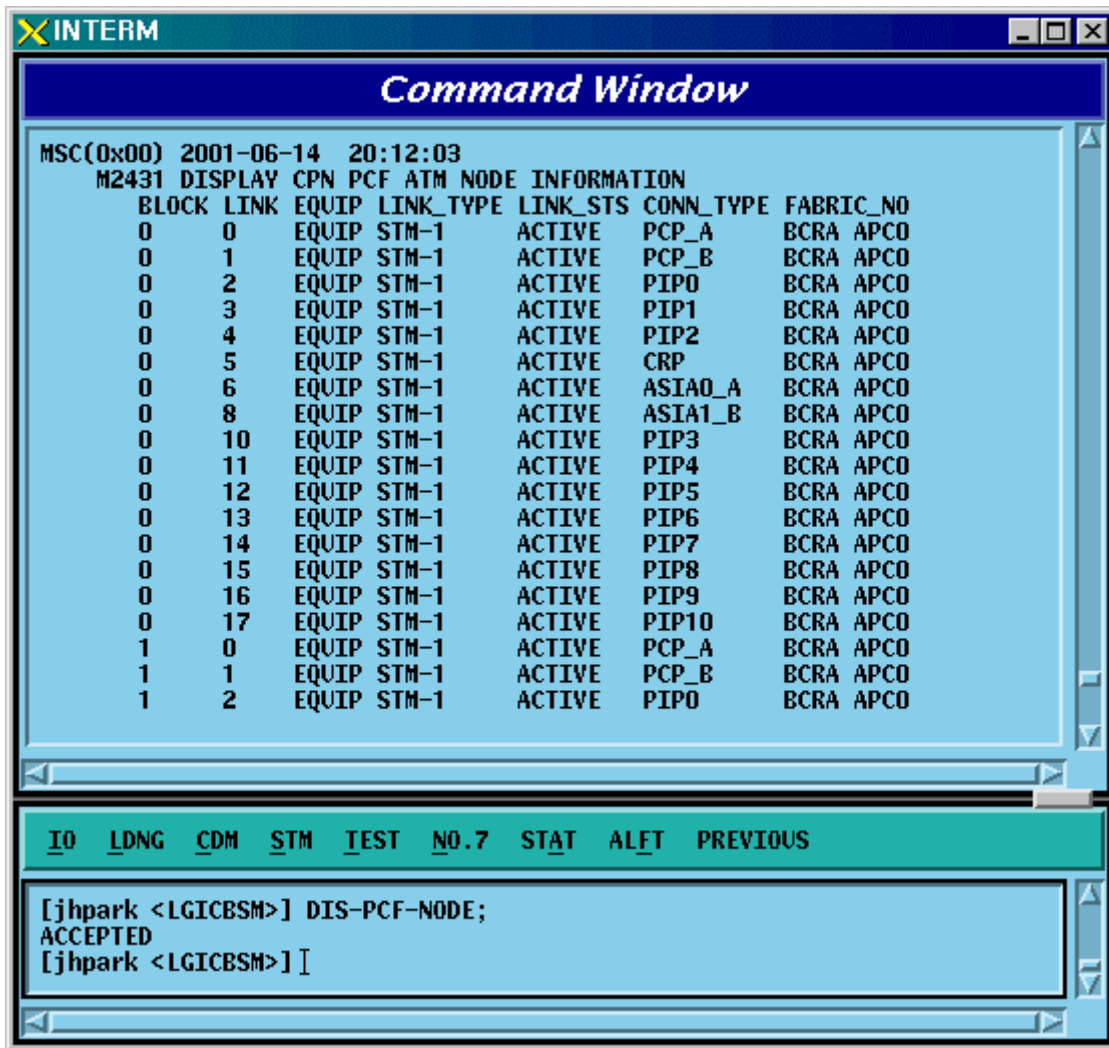


Fig. 4.3-44 PCF ATM NODE Information Display

4.3.3.8. CAN PVC SETTING Information Display

- Command DIS-CPN-PVC
- Output

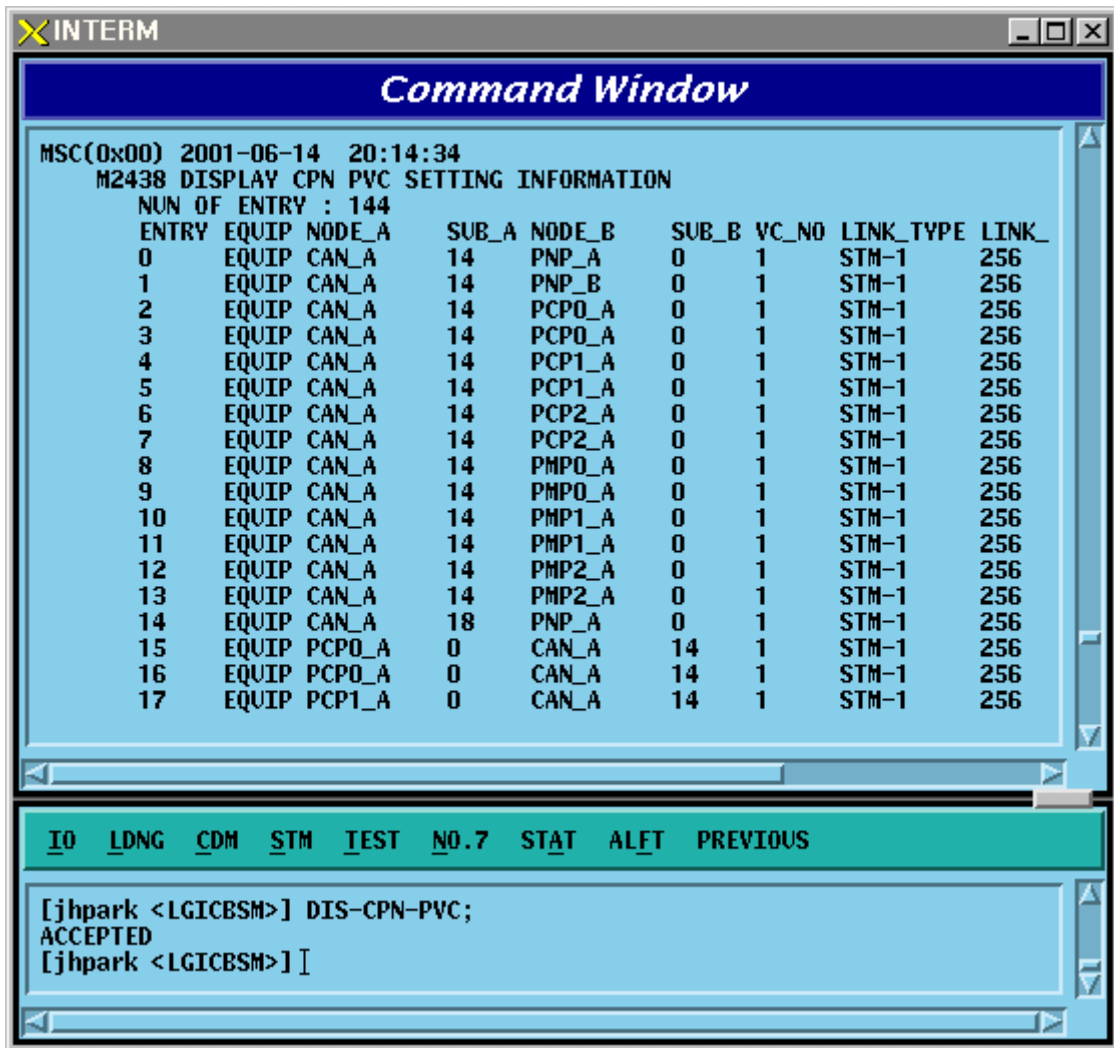


Fig. 4.3-45 CAN PVC SETTING Information Display

4.3.3.9. CAN PCF PVC SETTING Information Display

- Command DIS-PCF-PVC
- Output

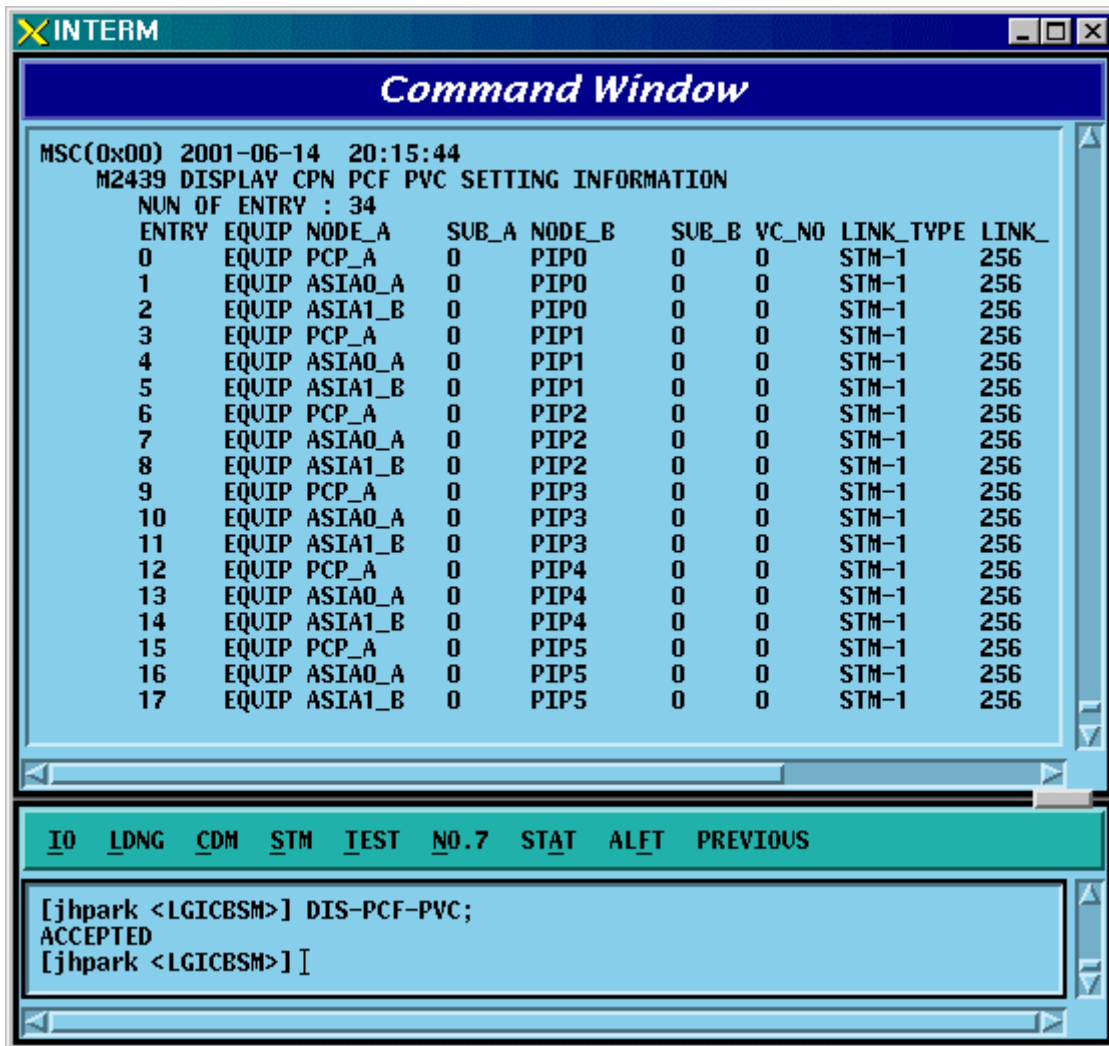


Fig. 4.3-46 CAN PCF PVC SETTING Information Display

4.3.3.10. CPN NETWORK PARAMETER Information Display

- Command DIS-CPN-NETP
- Output

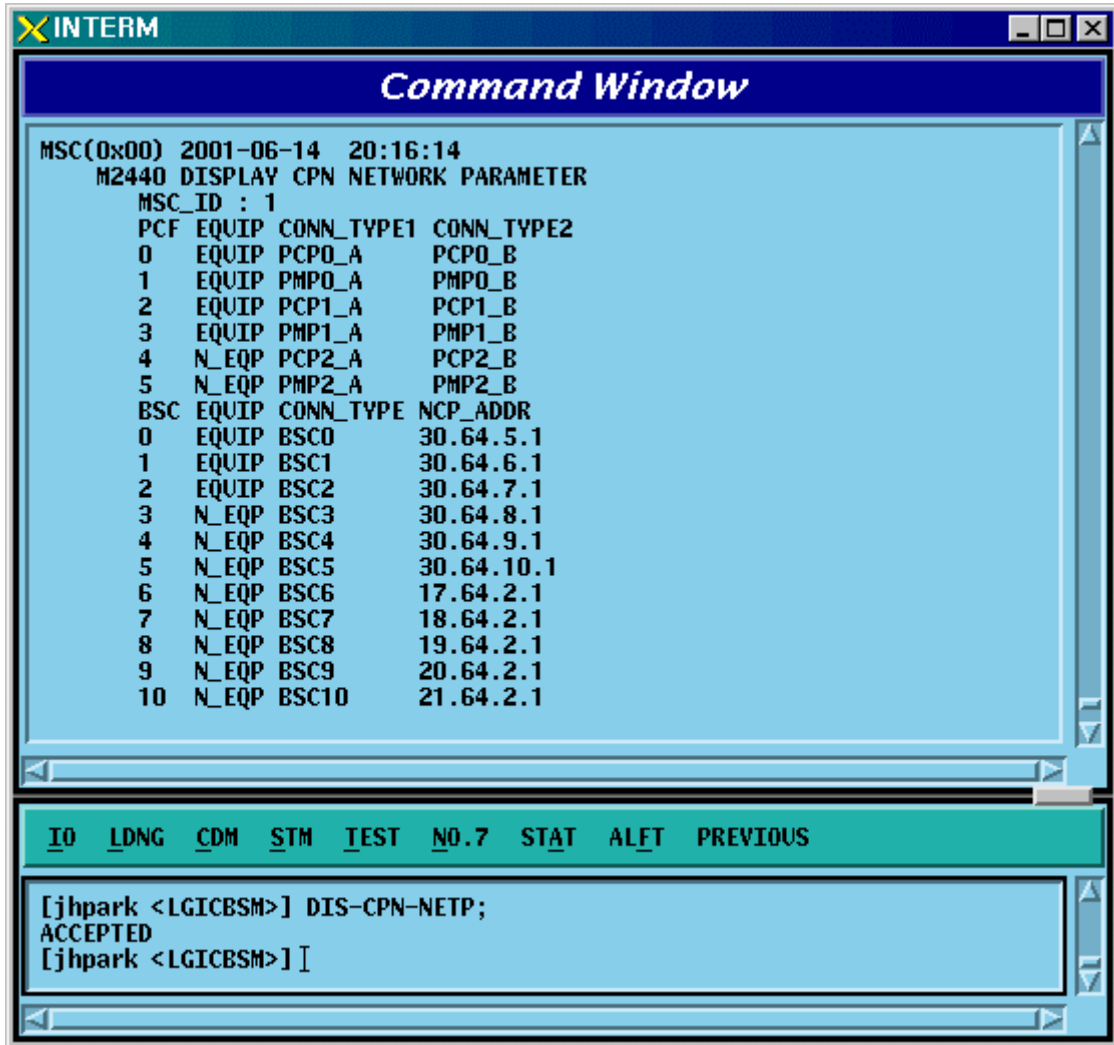


Fig. 4.3-47 CPN NETWORK PARAMETER Information Display

4.3.3.11. CPN DATA AAL2/5 Connection Information Display

- Command DIS-CPN-DATA;
- Output

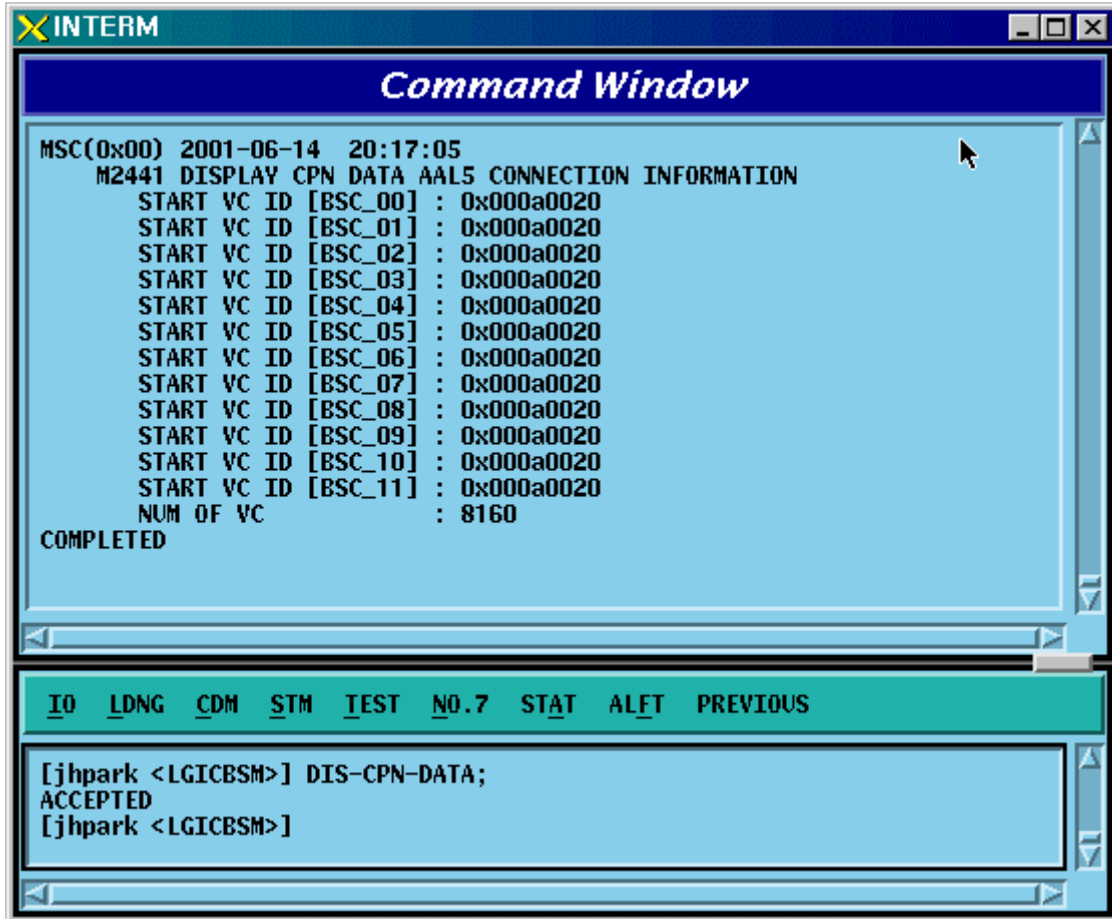


Fig. 4.3-48 CPN DATA AAL2/5 Connection Information Display

4.3.3.12. CPN PCF AAK2/5 Connection Information Display

- Command DIS-CPN-PCF;
- Output

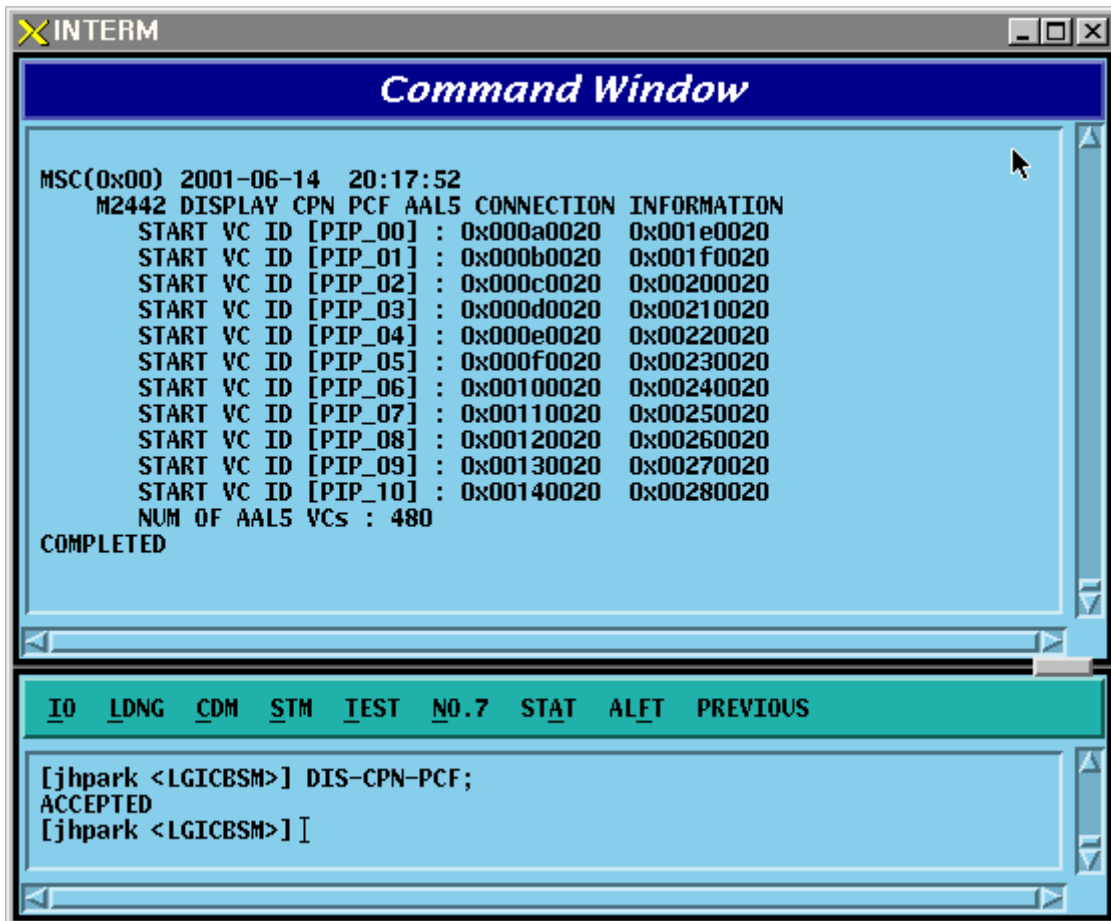


Fig. 4.3-49 CPN PCF AAK2/5 Connection Information Display

4.3.3.13. BSC ATM NODE Information Display

- Command DIS-BSC-NODE: BSC=a;
a: BSC Number (0~11)
- Input DIS-BSC-NODE: BSC=0;
- Output

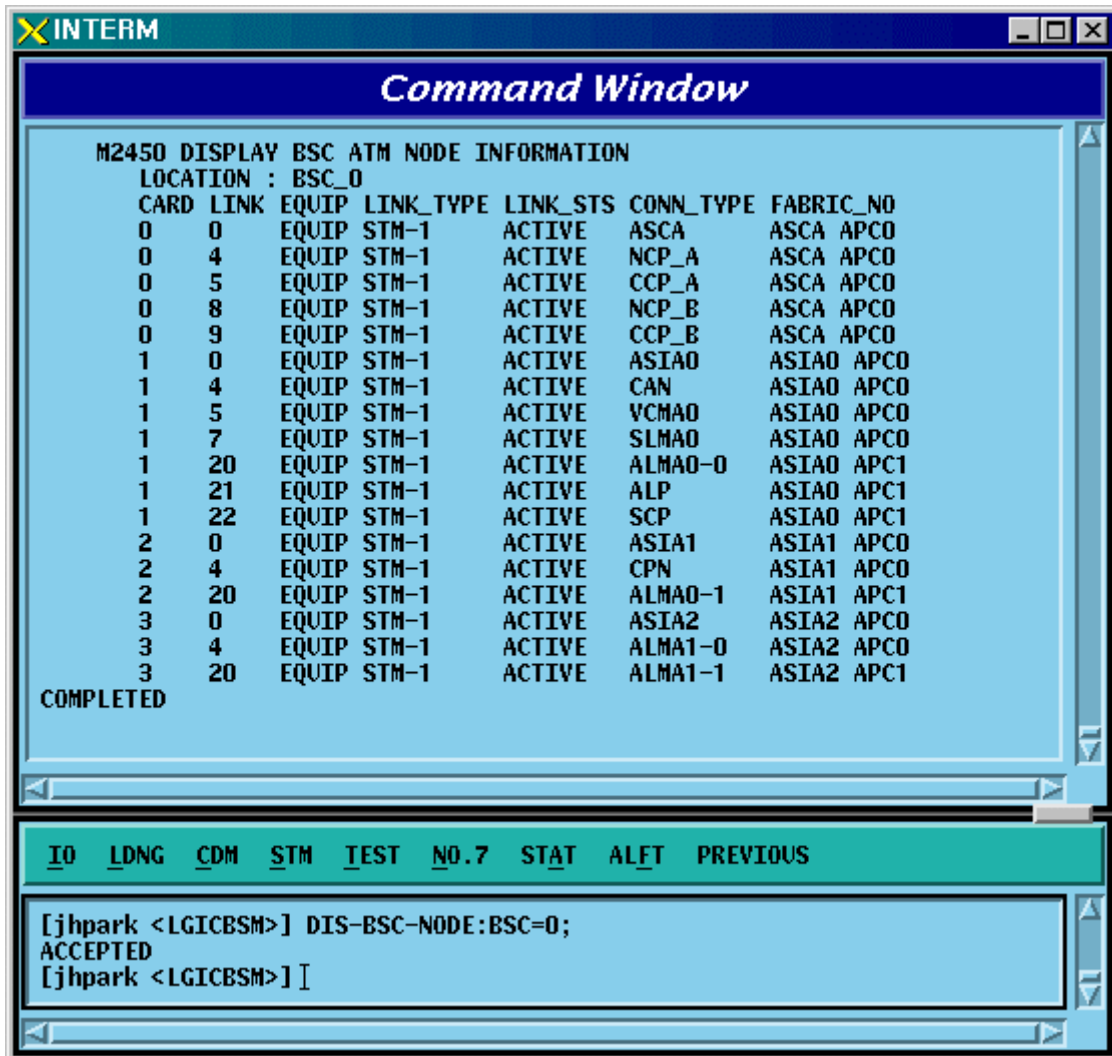


Fig. 4.3-50 BSC ATM NODE Information Display

4.3.3.14. SLB ATM NODE Information Display

- Command DIS-SLB-NODE: BSC=a;
a: BSC Number (0~11)
- Input DIS-SLB-NODE: BSC=0;
- Output

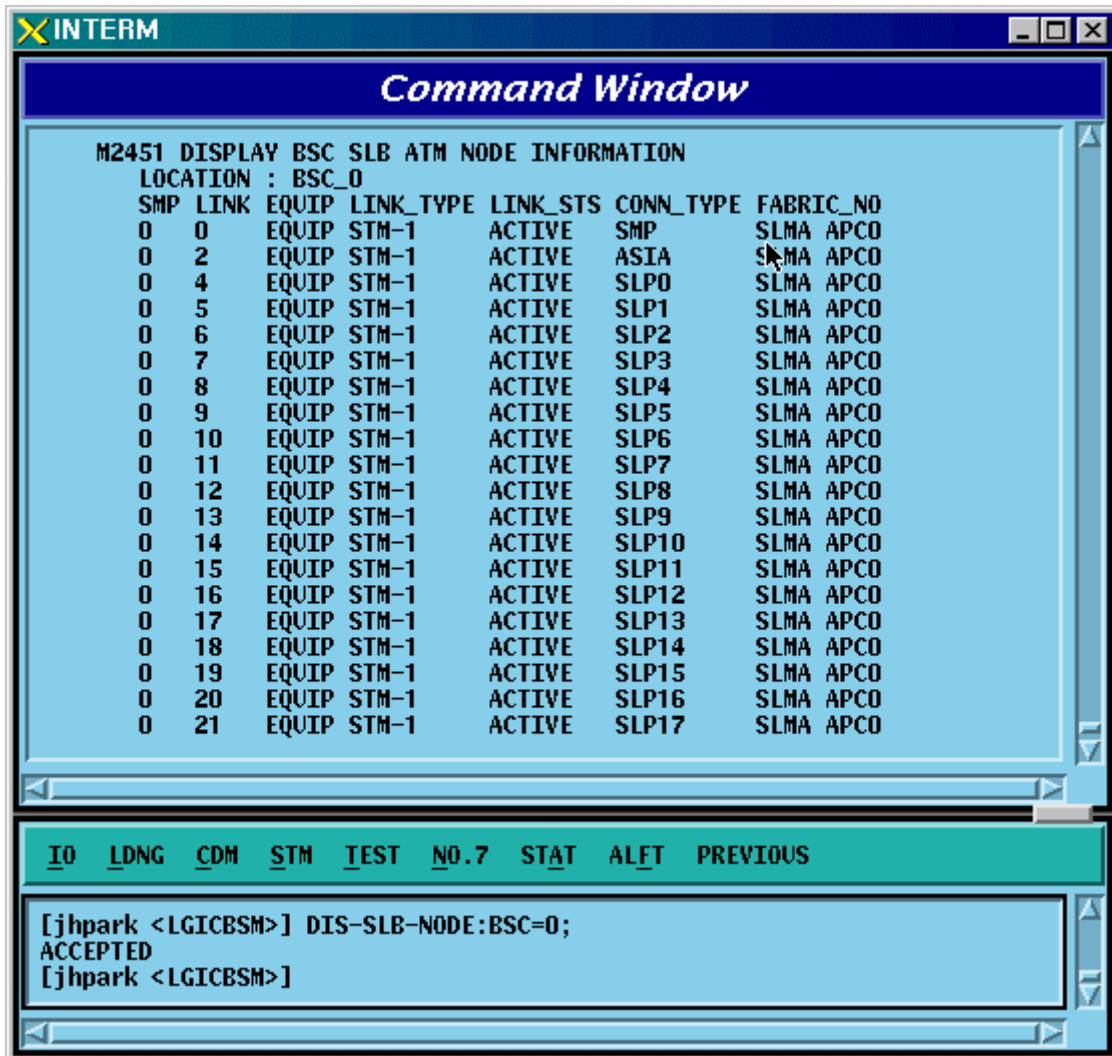


Fig. 4.3-51 SLB ATM NODE Information Display

4.3.3.15. VCB ATM NODE Information Display

- Command DIS-VCB-NODE: BSC=a;
a: BSC Number (0~11)
- Input DIS-VCB-NODE: BSC=0;
- Output

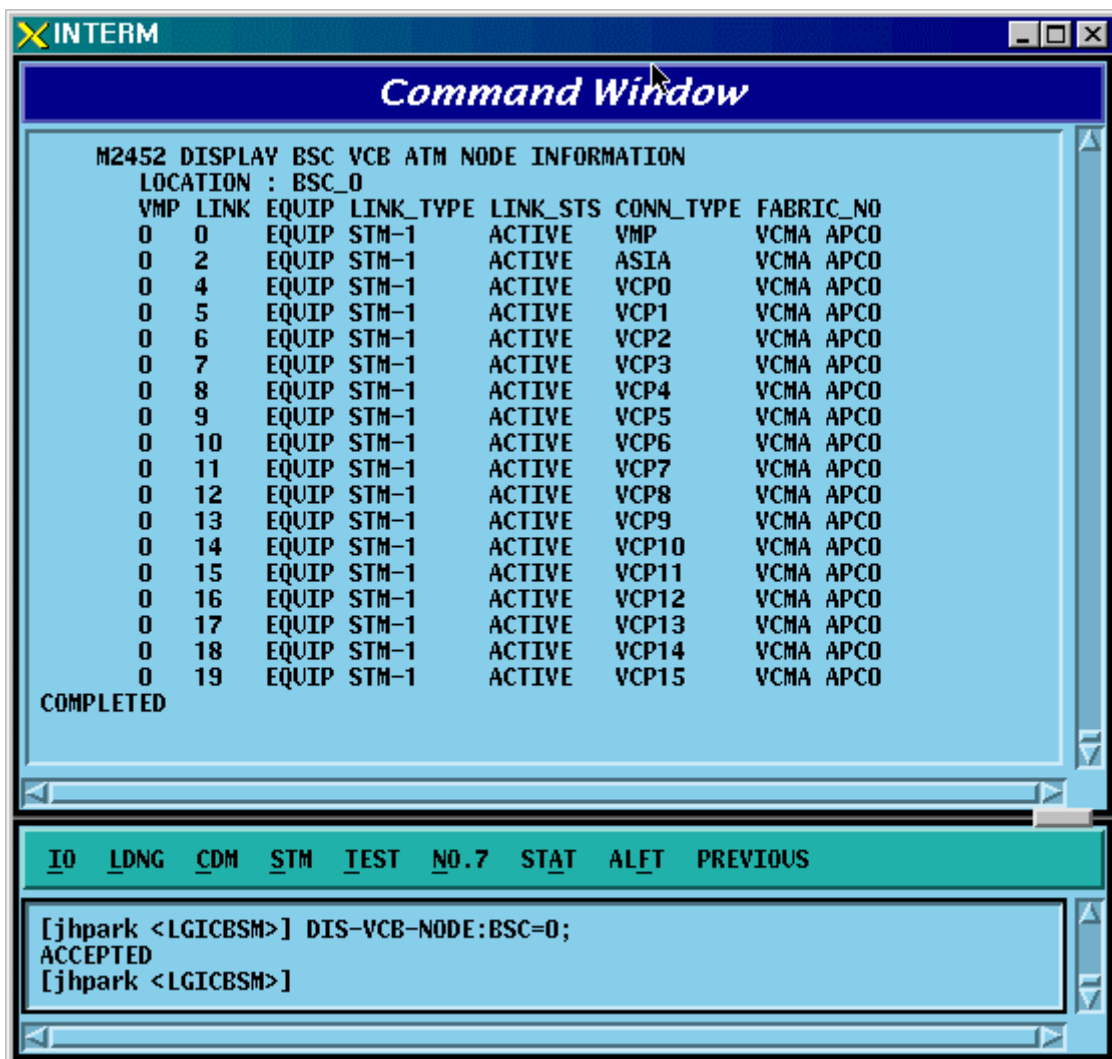


Fig. 4.3-52 VCB ATM NODE Information Display

4.3.3.16. ALB ATM NODE Information Display

- Command DIS-ALB-NODE: BSC=a;
a: BSC Number (0~11)
- Input DIS-ALB-NODE: BSC=0;
- Output

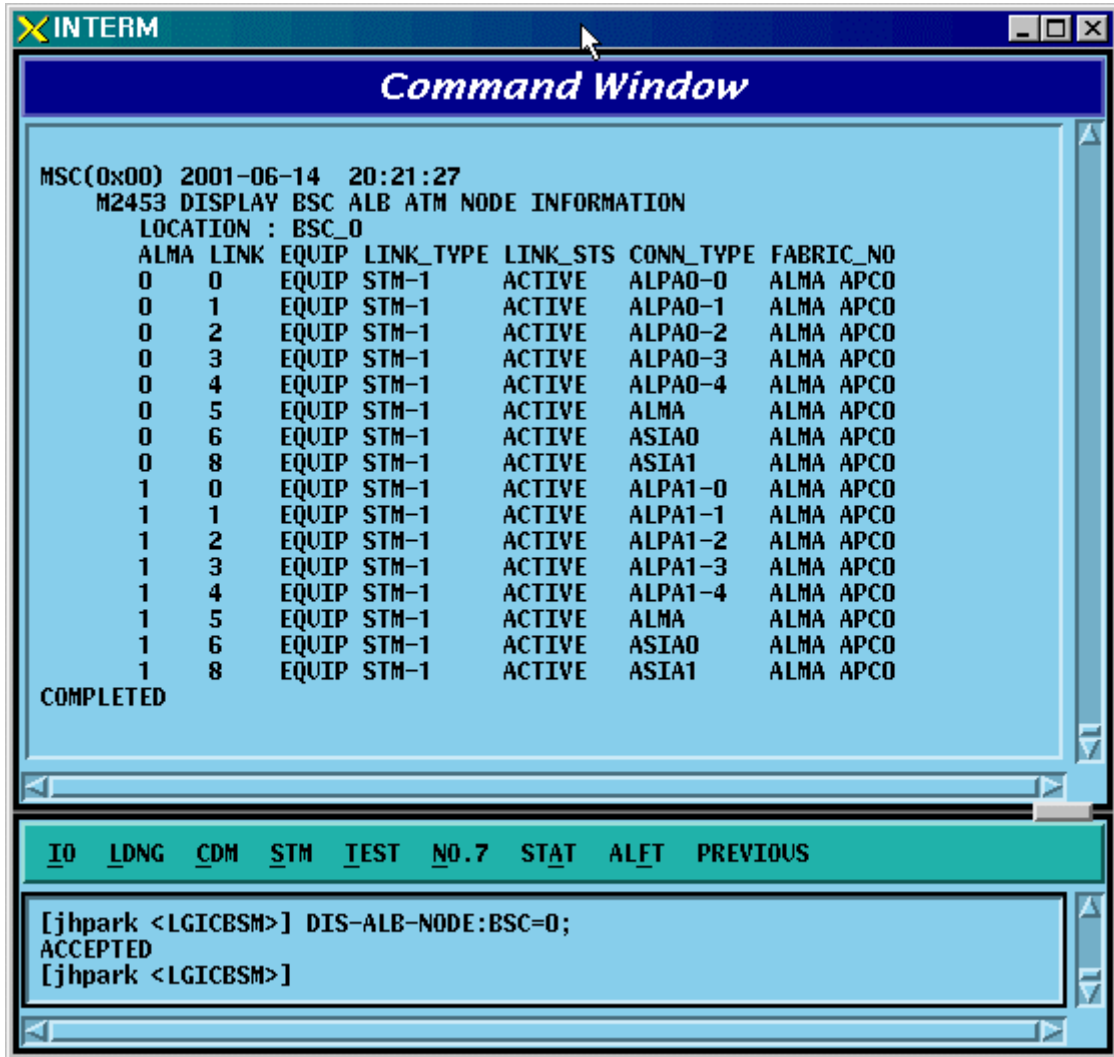


Fig. 4.3-53 ALB ATM NODE Information Display

4.3.3.17. BTS ATM NODE Information Display

- Command DIS-BTS-NODE: BSC=a ,BTS=b;
 a: BSC Number (0~11)
 b: BTS Number (0~47)
- Input DIS-BSC-NODE: BSC=0,BTS=0;
- Output

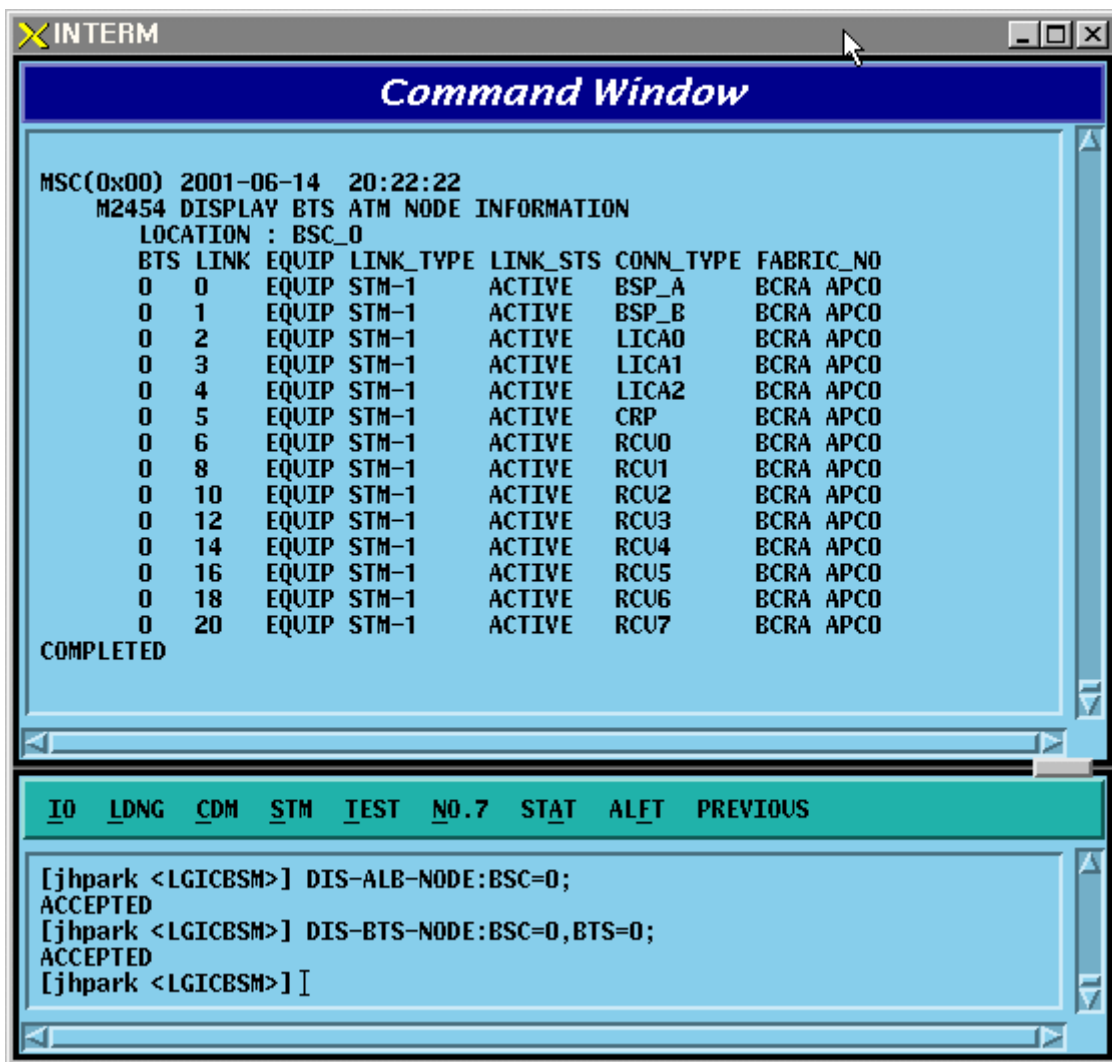


Fig. 4.3-54 BTS ATM NODE Information Display

4.3.3.18. BSC-BTS TRUNK Information Display

- Command DIS-TRNK-DATA: BSC=a;
a: BSC Number (0~11)
- Input DIS-TRNK-DATA: BSC=0;
- Output

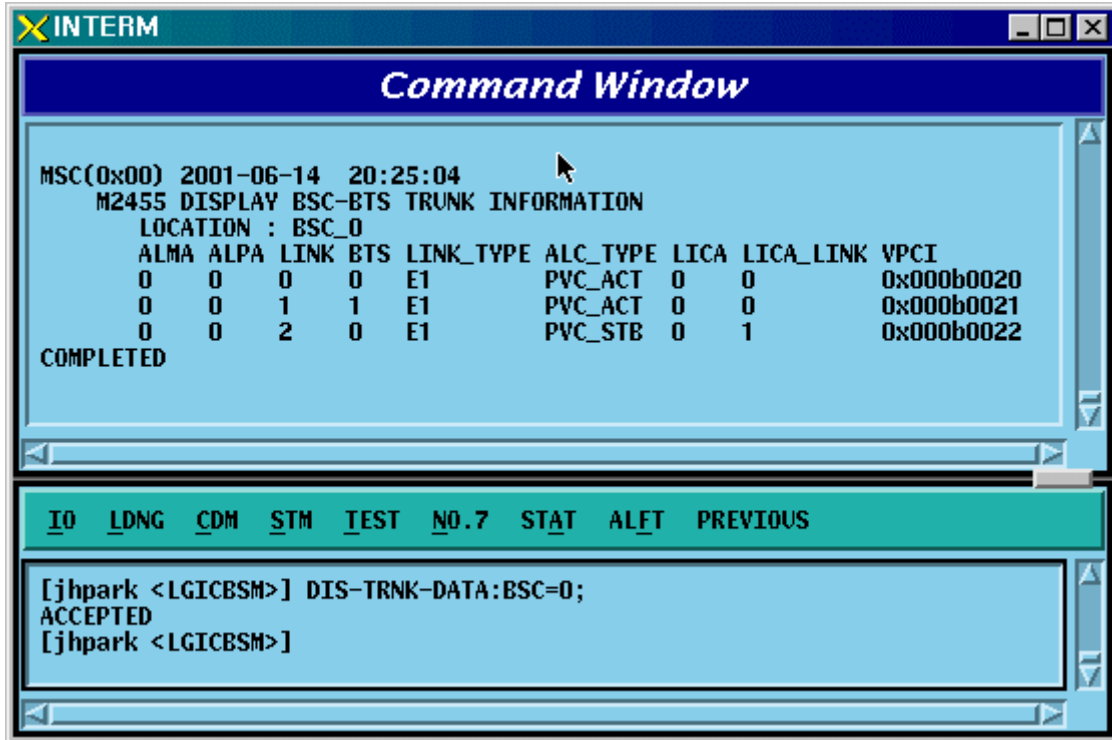


Fig. 4.3-55 BSC-BTS TRUNK Information Display

4.3.3.19. BSC PVC SETTING Information Display

- Command DIS-BSC-PVC: BSC=a,NODE_A=b;
 a: BSC Number (0~11)
 b: NCP_A, NCP_B, CCP_A, CCP_B, ALMA0_0 , ALMA0_1, ALMA1_0 , ALMA1_1,CAN,CPN,ALP
- Input DIS-BSC-PVC: BSC=0,NODE_A=NCP_A;
- Output

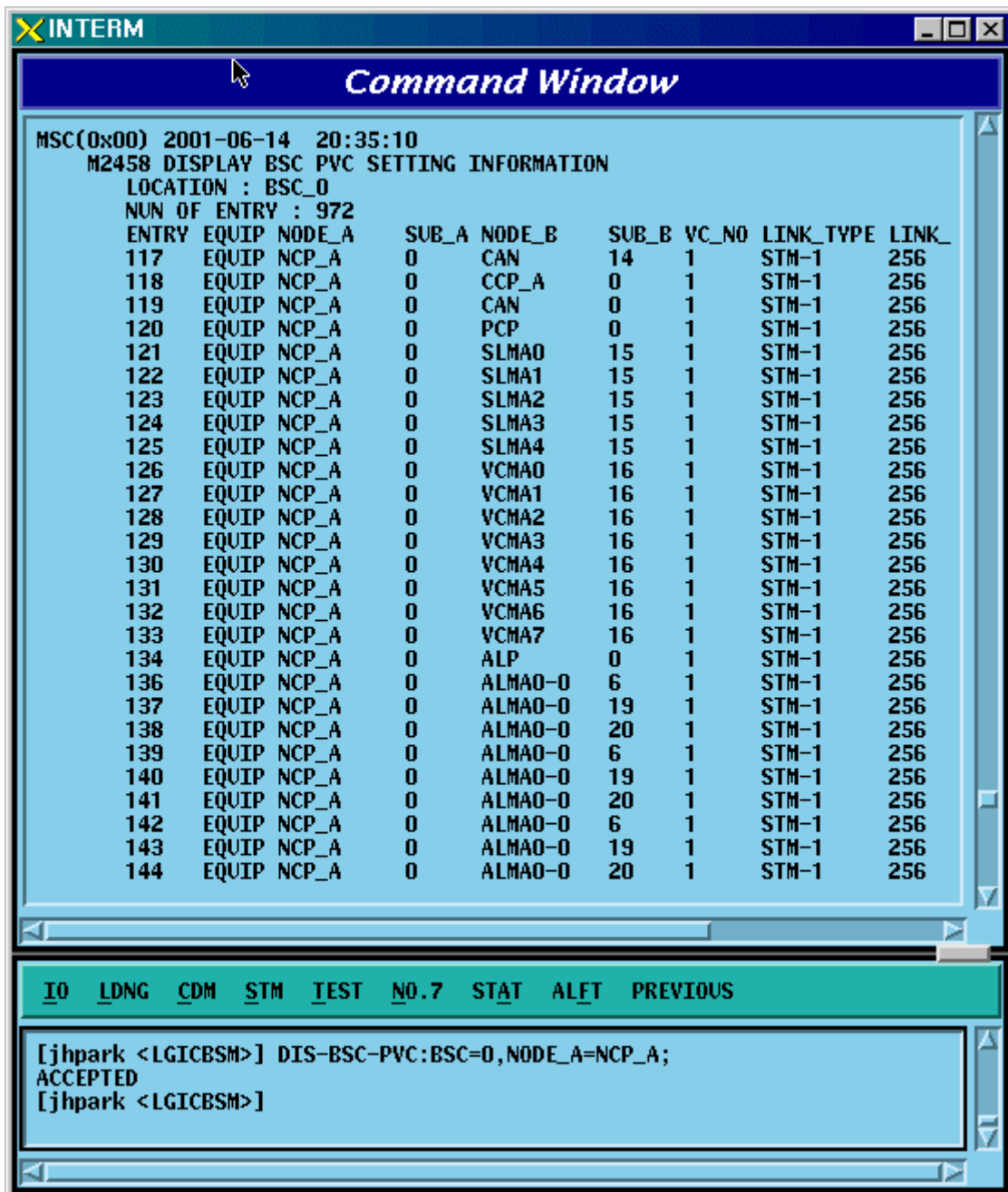


Fig. 4.3-56 BSC PVC SETTING Information Display

4.3.3.20. BSC SLB PVC SETTING Information Display

- Command DIS-SLB-PVC: BSC=a;
a: BSC Number (0~11)
- Input DIS-SLB-PVC: BSC=0;
- Output

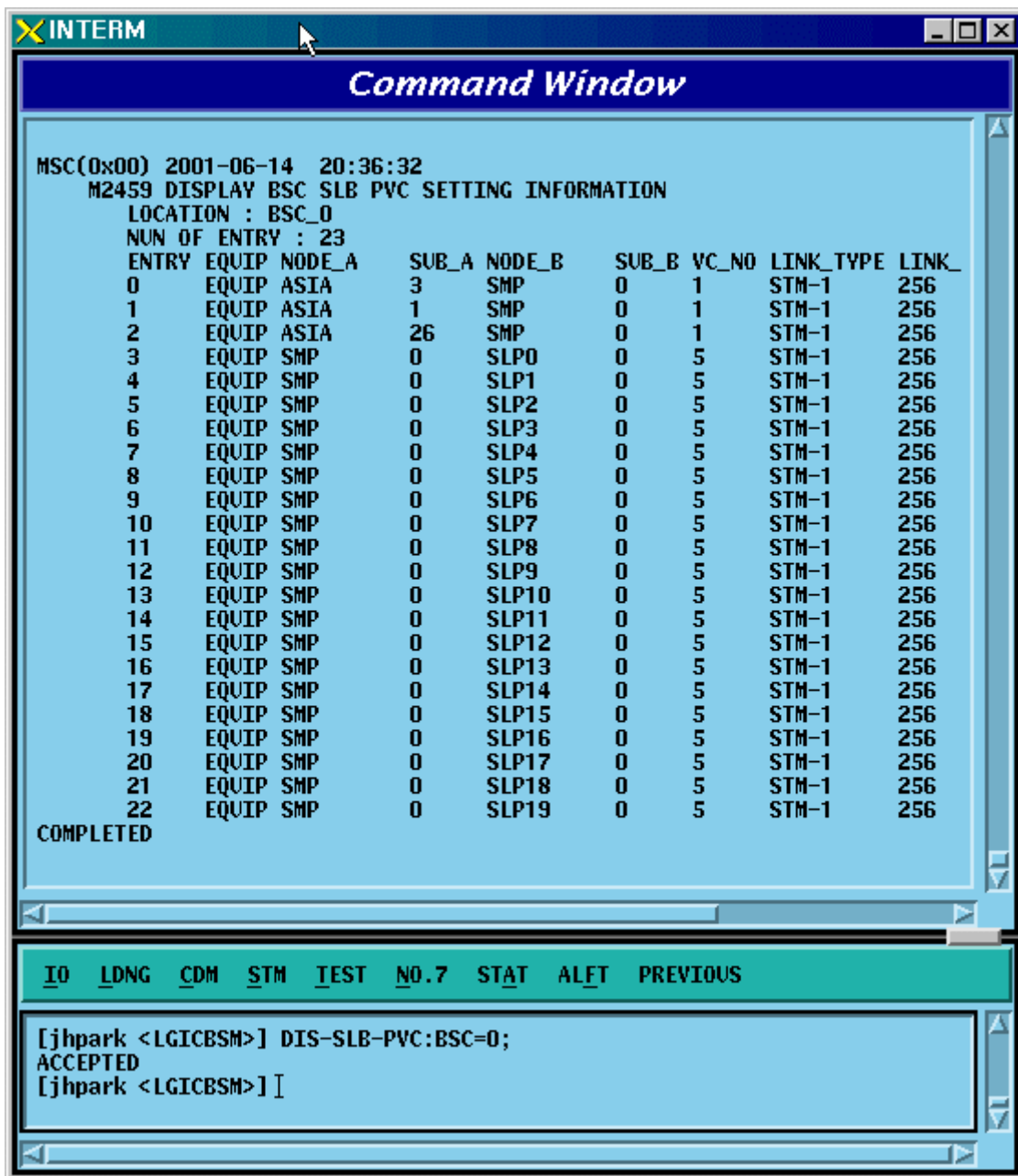


Fig. 4.3-57 BSC SLB PVC SETTING Information Display

4.3.3.21. BSC VCB PVC SETTING Information Display

- Command DIS-VCB-PVC: BSC=a;
a: BSC Number (0~11)
- Input DIS-VCB-PVC: BSC=0;
- Output

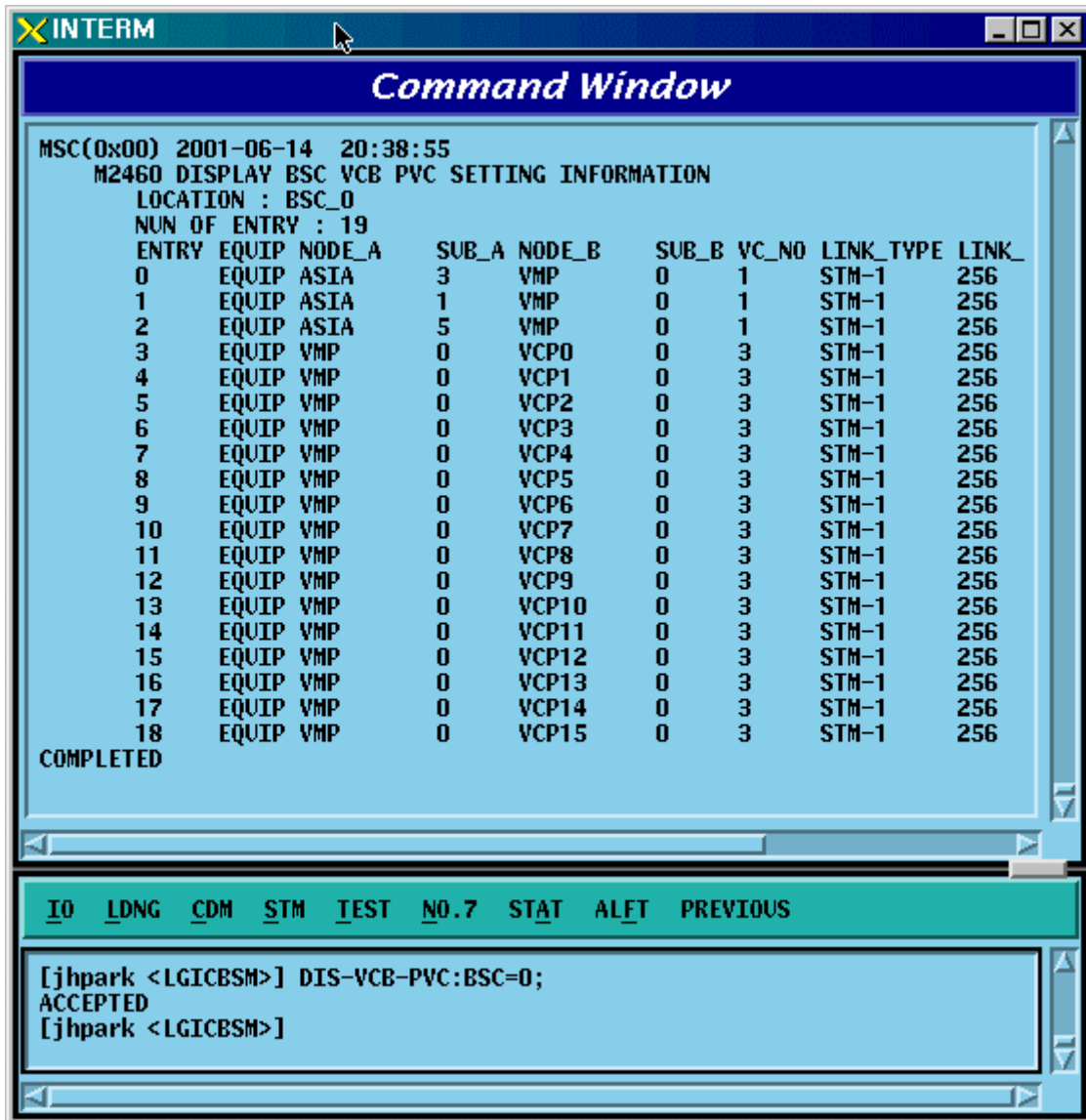


Fig. 4.3-58 BSC VCB PVC SETTING Information Display

4.3.3.22. BSC ALB PVC SETTING Information Display

- Command DIS-ALB-PVC: BSC=a;
a: BSC Number (0~11)
- Input DIS-ALB-PVC: BSC=0;
- Output

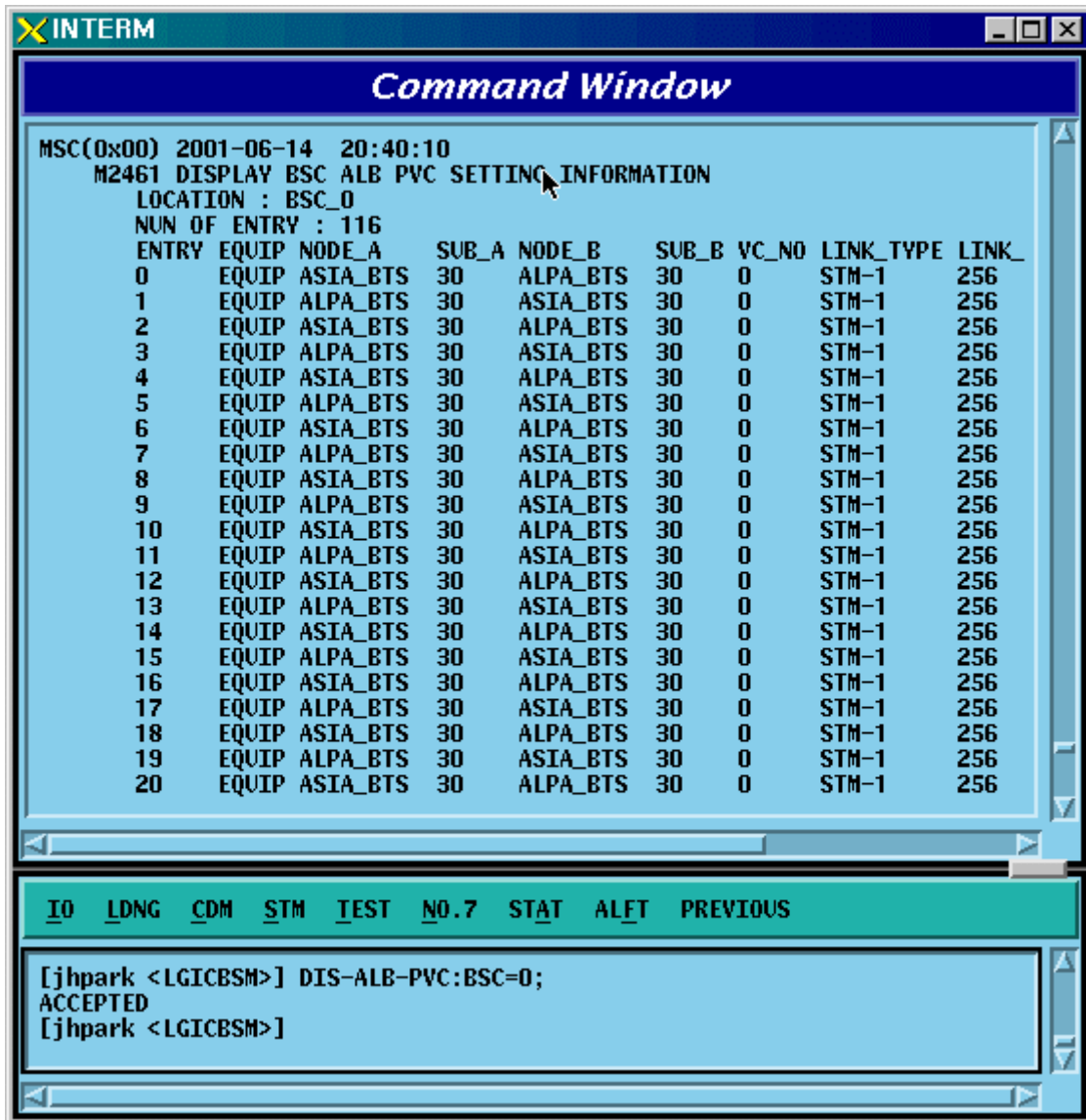


Fig. 4.3-59 BSC ALB PVC SETTING Information Display

4.3.3.23. BTS LOCAL PVC SETTING Information Display

- Command DIS-BTS-LPVC: BSC=a;
a: BSC Number (0~11)
- Input DIS-BTS-LPVC: BSC=0;
- Output

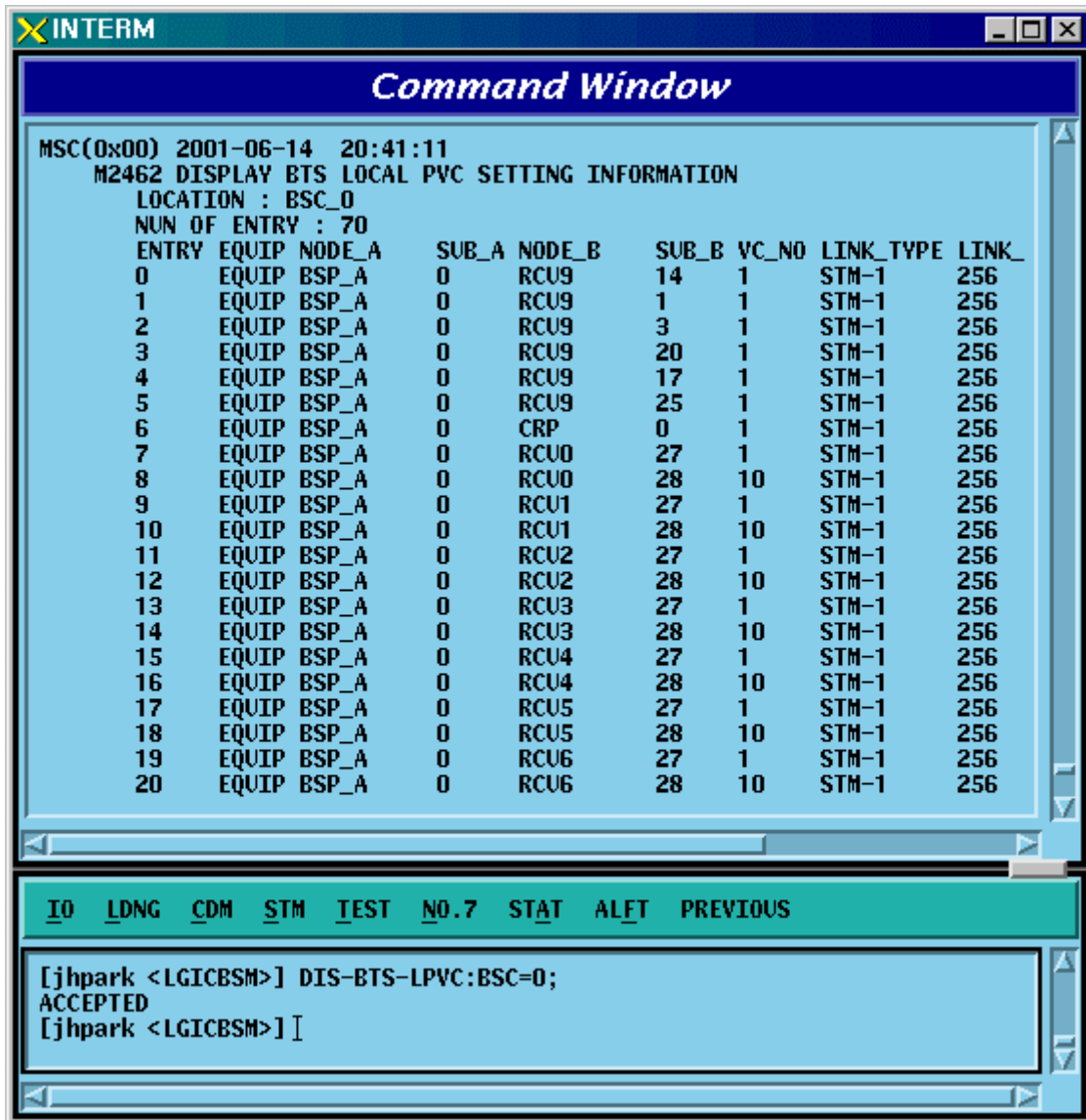


Fig. 4.3-60 BTS LOCAL PVC SETTING Information Display

4.3.3.24. BTS OUTER PVC SETTING Information Display

- Command DIS-BTS-OPVC: BSC=a, BTS=b;
 a: BSC Number (0~11)
 b: BTS Number(0~47)
- Input DIS-BTS-OPVC: BSC=0, BTS=0;
- Output

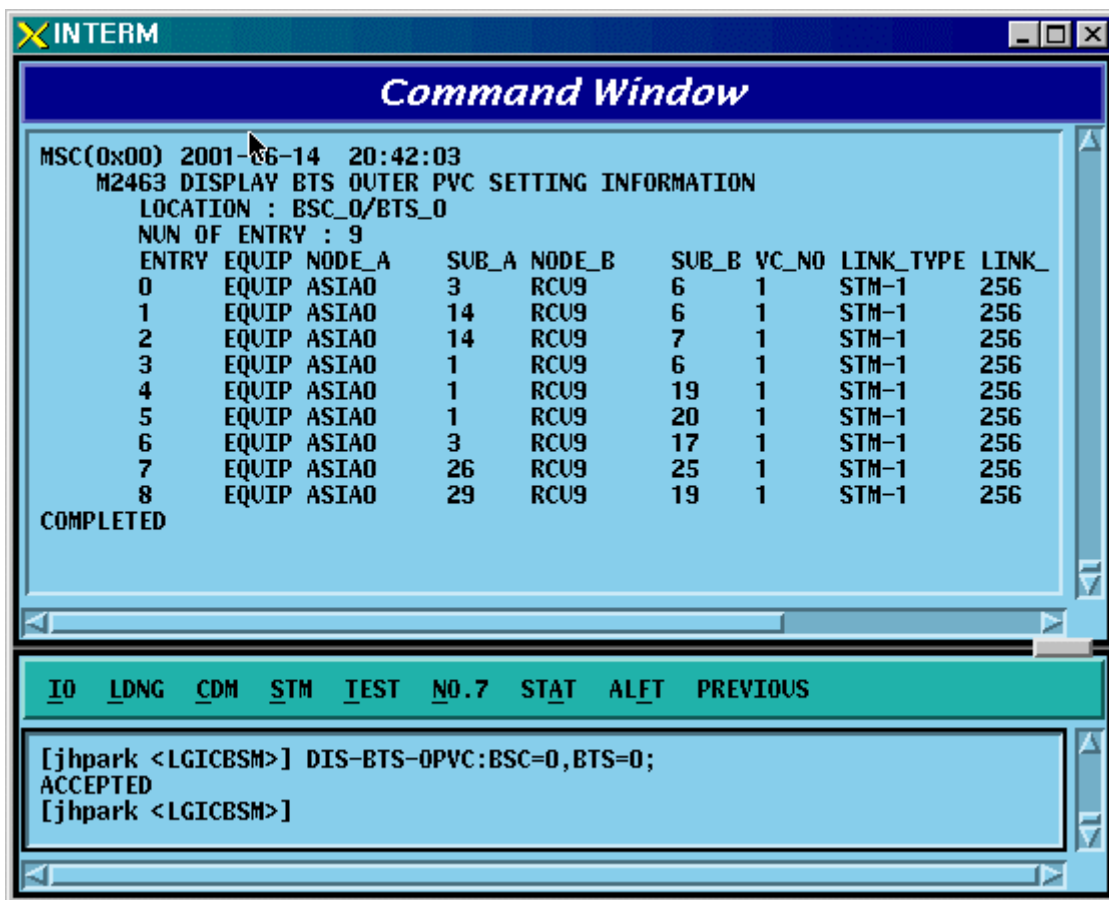


Fig. 4.3-61 BTS OUTER PVC SETTING Information Display

4.3.3.25. BSC NETWORK PARAMETER Information Display

- Command DIS-BSC-NETP: BSC=a;
a: BSC Number (0~11)
- Input DIS-BSC-NETP: BSC=0;
- Output

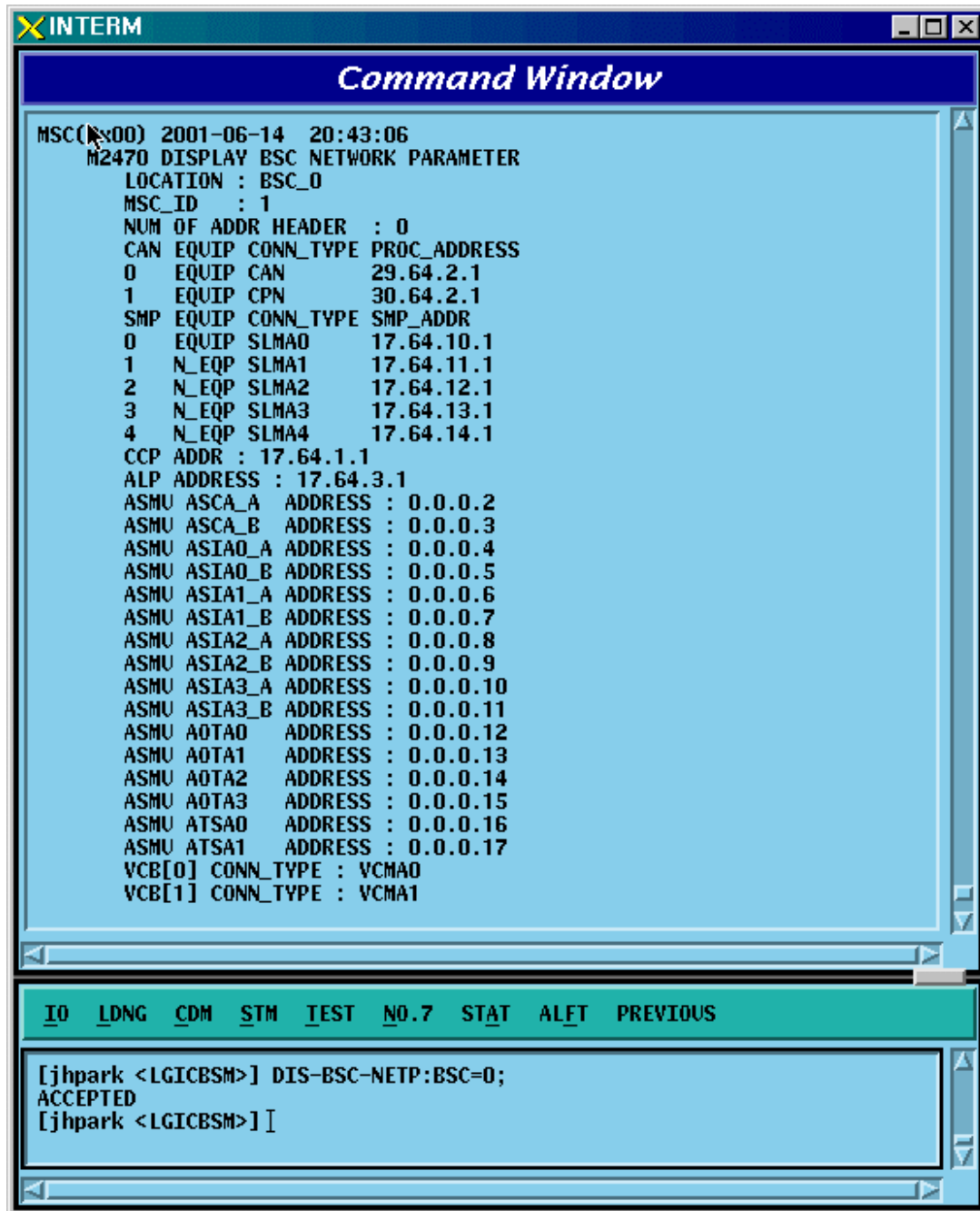


Fig. 4.3-62 BSC NETWORK PARAMETER Information Display

4.3.3.26. BSC ALP NETWORK PARAMETER Information Display

- Command DIS-ALS-NETP: BSC=a;
a: BSC Number (0~11)
- Input DIS-ALS-NETP: BSC=0;
- Output

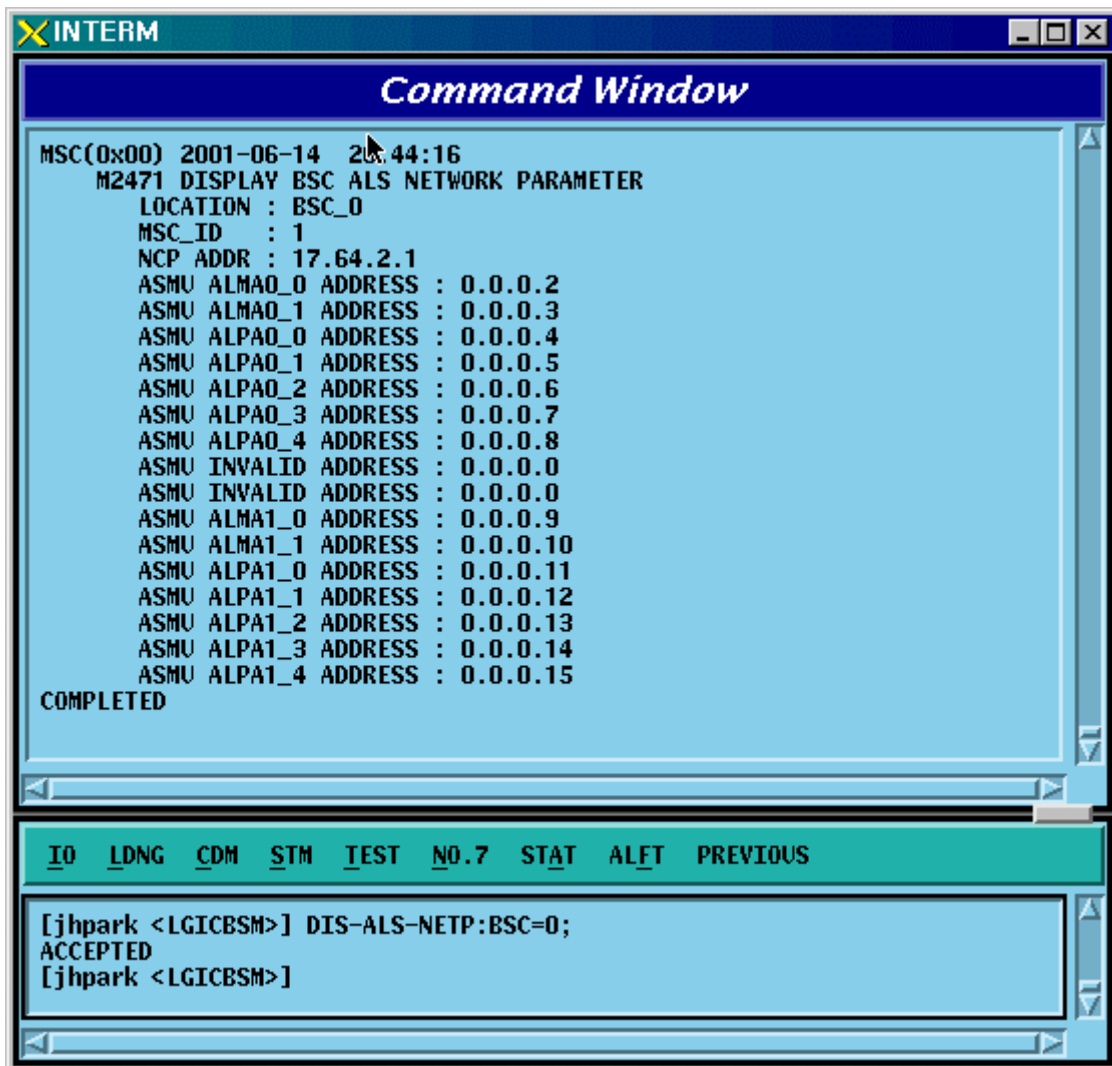


Fig. 4.3-63 BSC ALP NETWORK PARAMETER Information Display

4.3.3.27. BSC INTER BSC AAL2 Information Display

- Command DIS-BSC-IUR: BSC=a;
a: BSC Number (0~11)
- Input DIS-BSC-IUR: BSC=0;
- Output

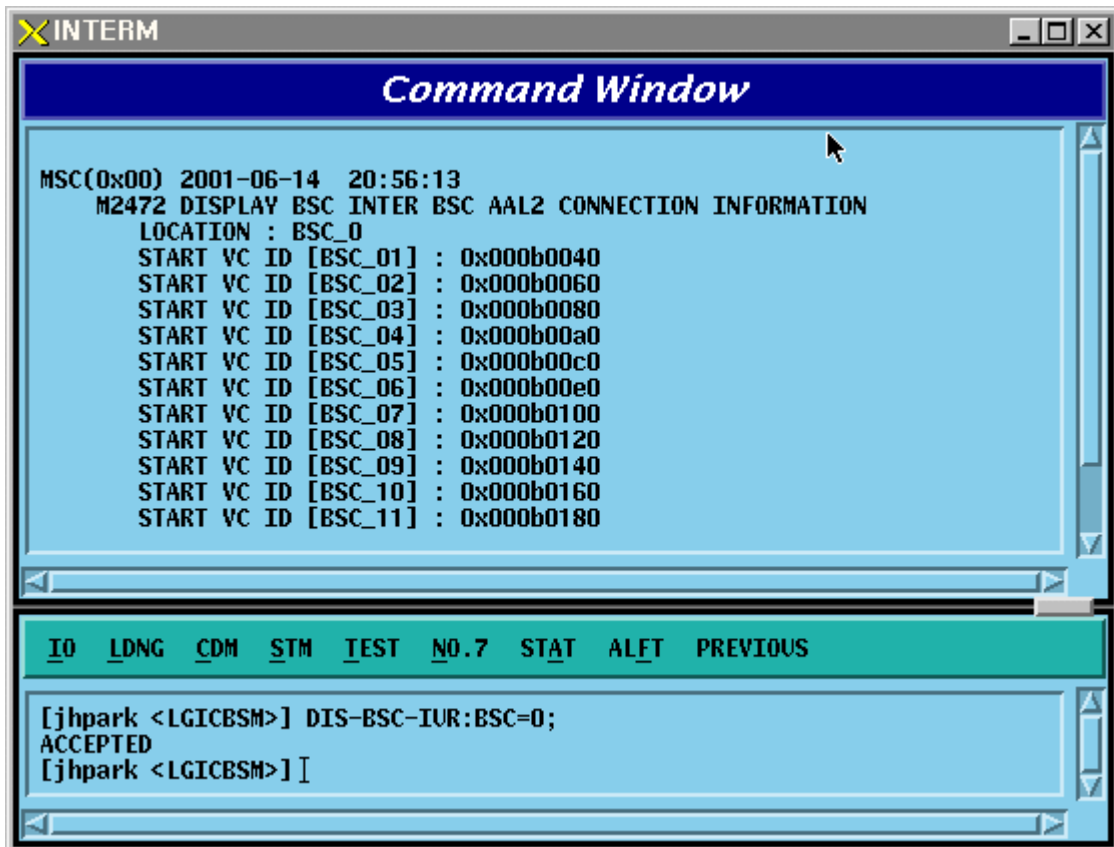


Fig. 4.3-64 BSC INTER BSC AAL2 Information Display

4.3.3.28. BSC INTER BTS AAL2 Information Display

- Command DIS-BSC-IUB: BSC=a, BTS=b;
 a: BSC Number (0~11)
 b: BTS Number(0~47)
- Input DIS-BSC-IUB: BSC=0, BTS=0;
- Output

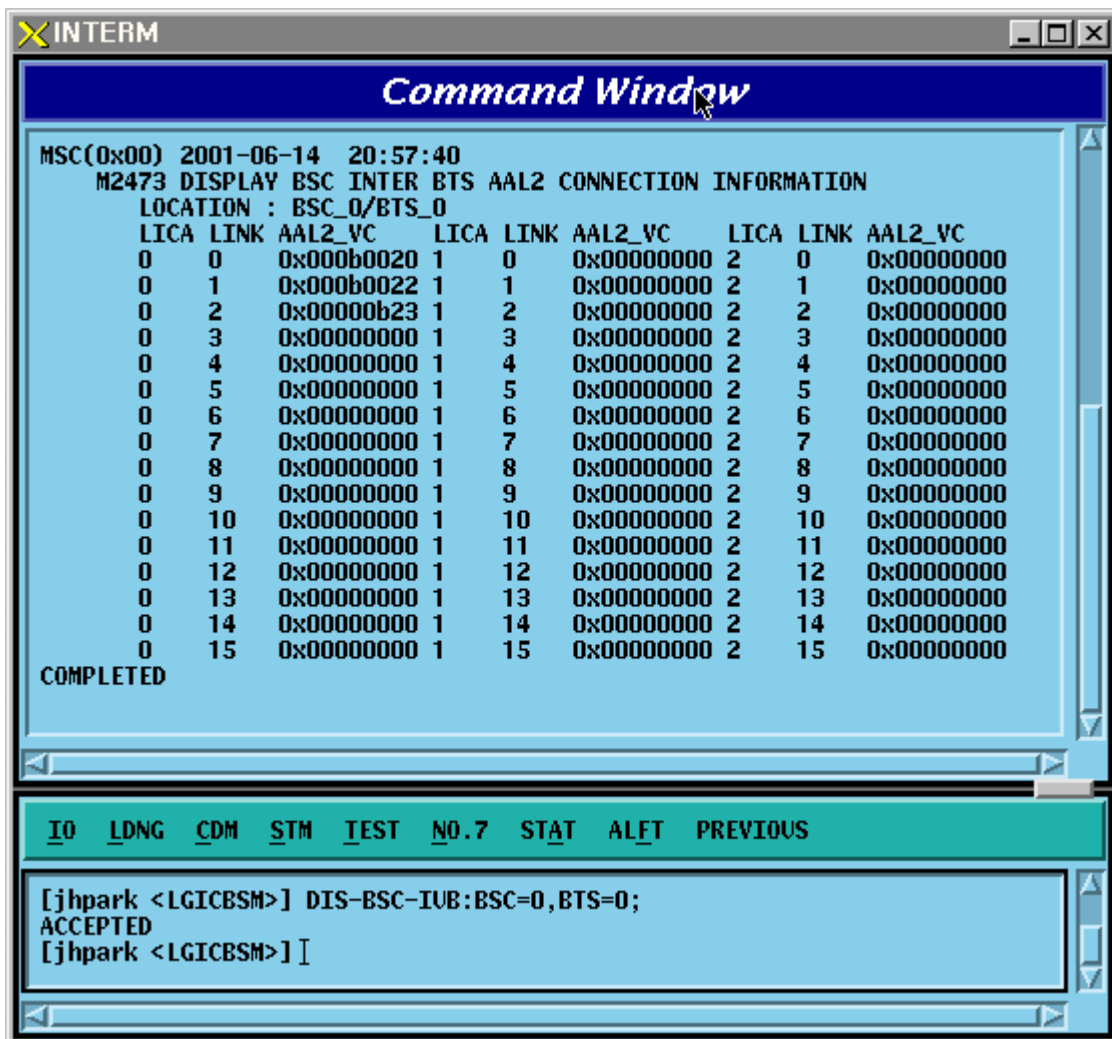


Fig. 4.3-65 BSC INTER BTS AAL2 Information Display

4.3.3.29. BSC INTER CAN AAL2/5 Information Display

- Command DIS-BSC-CAN: BSC=a;
a: BSC Number (0~11)
- Input DIS-BSC-CAN: BSC=0;
- Output

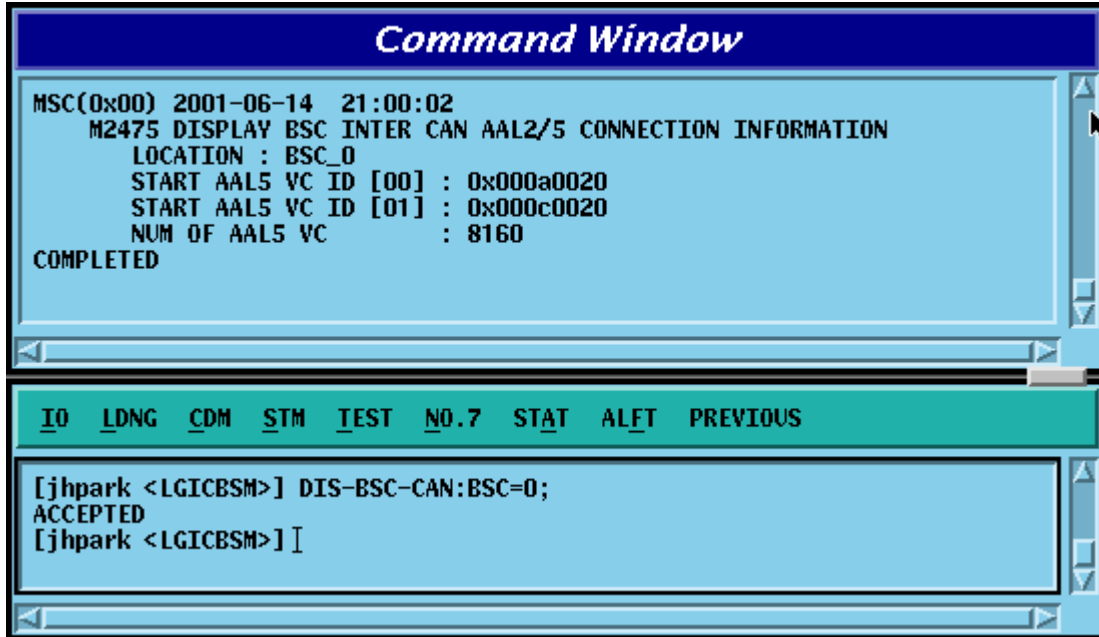


Fig. 4.3-66 BSC INTER CAN AAL2/5 Information Display

4.3.3.30. BSC INTER SLB AAL5 Information Display

- Command DIS-BSC-SLB: BSC=a;
a: BSC Number (0~11)
- Input DIS-BSC-SLB: BSC=0;
- Output'

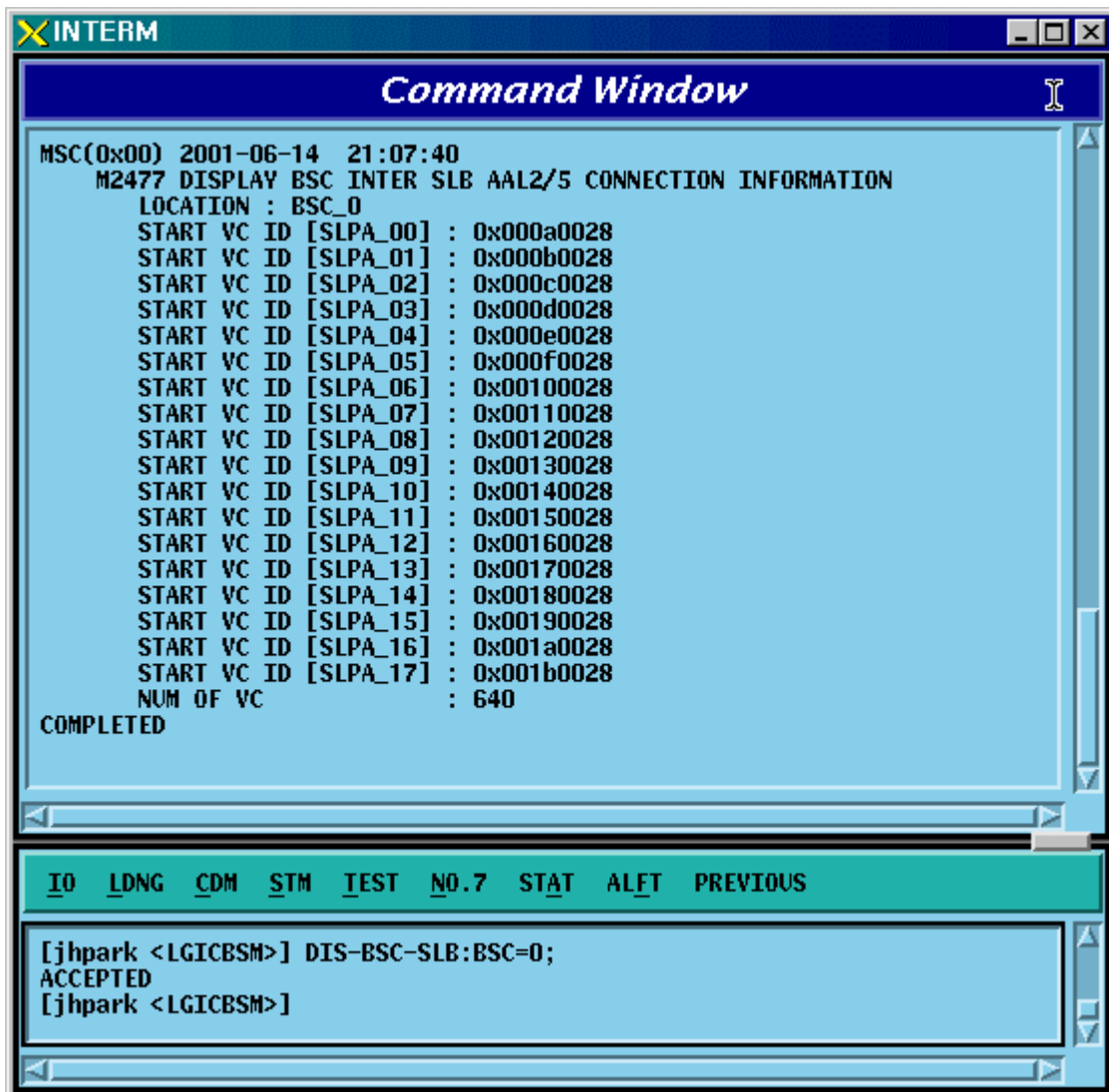


Fig. 4.3-67 BSC INTER SLB AAL5 Information Display

4.3.3.31. BSC INTER VCB AAL5 Information Display

- Command DIS-BSC-VCB: BSC=a;
a: BSC Number (0~11)
- Input DIS-BSC-VCB: BSC=0;
- Output

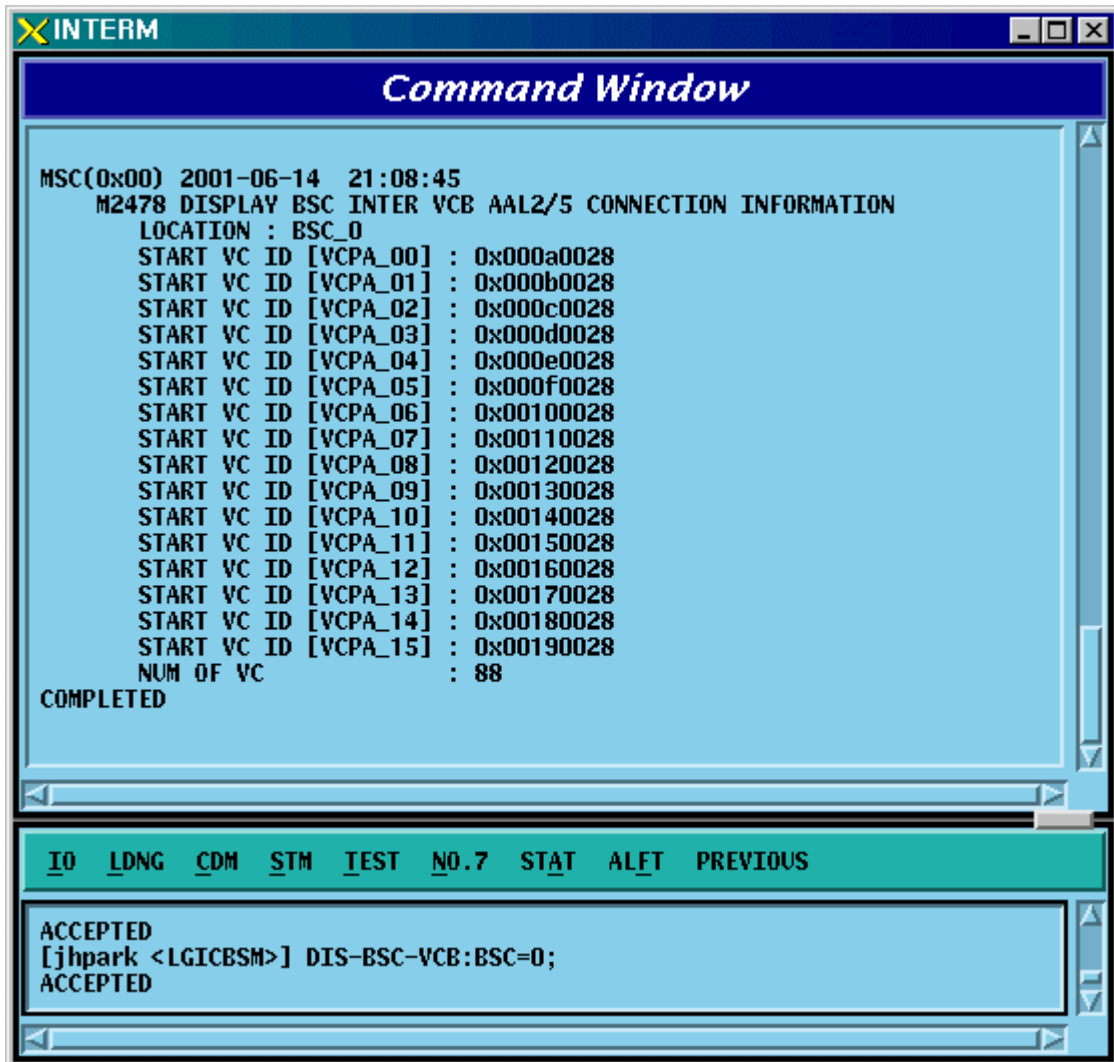


Fig. 4.3-68 BSC INTER VCB AAL5 Information Display

4.3.3.32. BSC INTER ALB AAL5 Information Display

- Command DIS-BSC-ALB: BSC=a;
a: BSC Number (0~11)
- Input DIS-BSC-ALB: BSC=0;
- Output

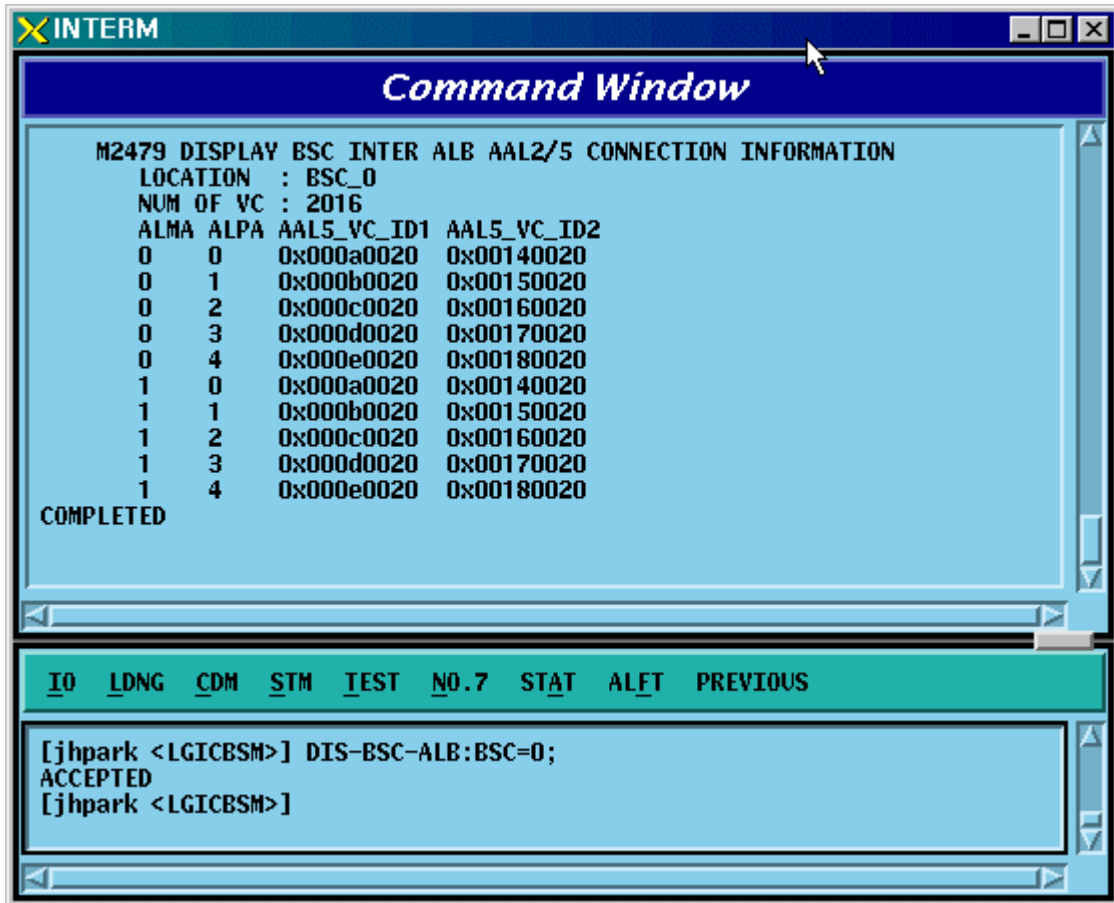


Fig. 4.3-69 BSC INTER ALB AAL5 Information Display

4.3.3.33. BTS NETWORK PARAMETER Information Display

- Command DIS-BTS-NETP: BSC=a ,BTS=b;
a: BSC Number (0~11)
b: BTS Number (0~47)
- Input DIS-BTS-NETP: BSC=0,BTS=0;
- Output

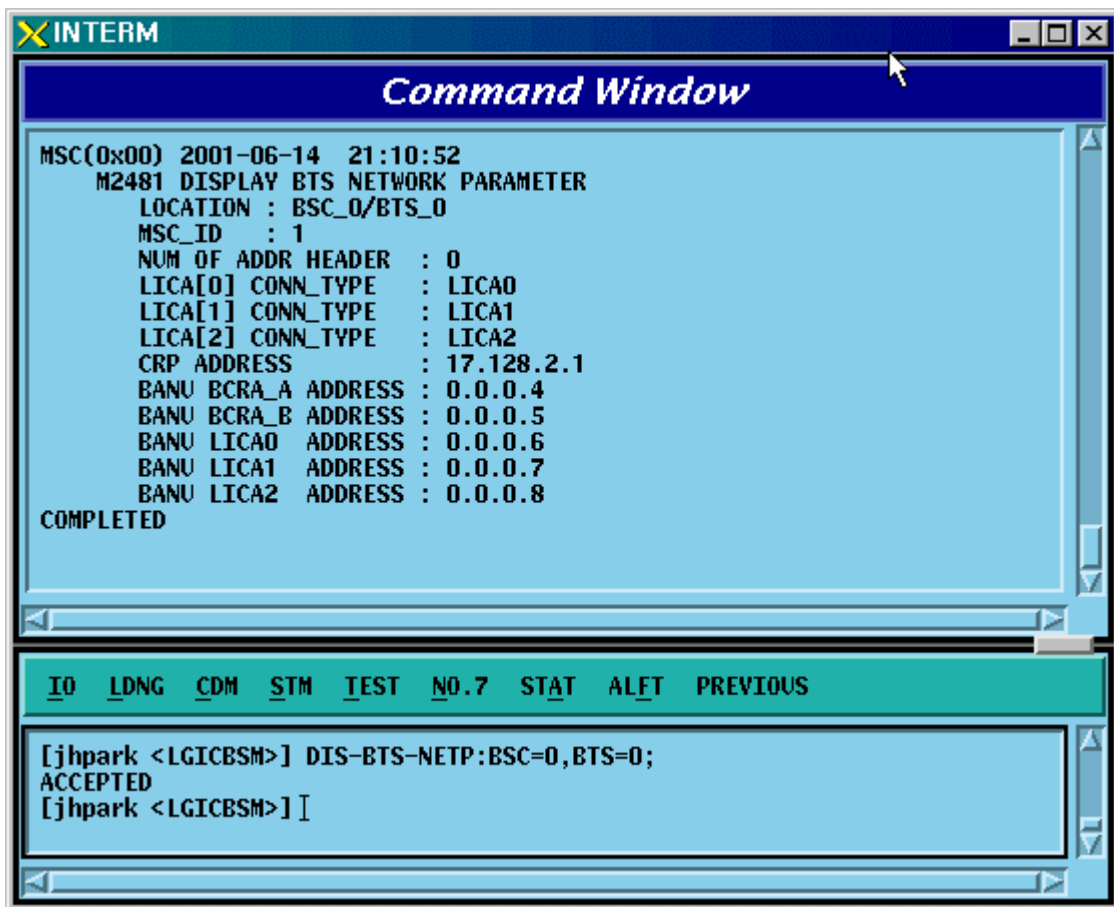


Fig. 4.3-70 BTS NETWORK PARAMETER Information Display

4.3.3.34. BTS INTER BTS AAL2 Information Display

- Command DIS-BTS-IUB: BSC=a ,BTS=b;
 a: BSC Number (0~11)
 b: BTS Number (0~47)
- Input DIS-BTS-IUB: BSC=0,BTS=0;
- Output

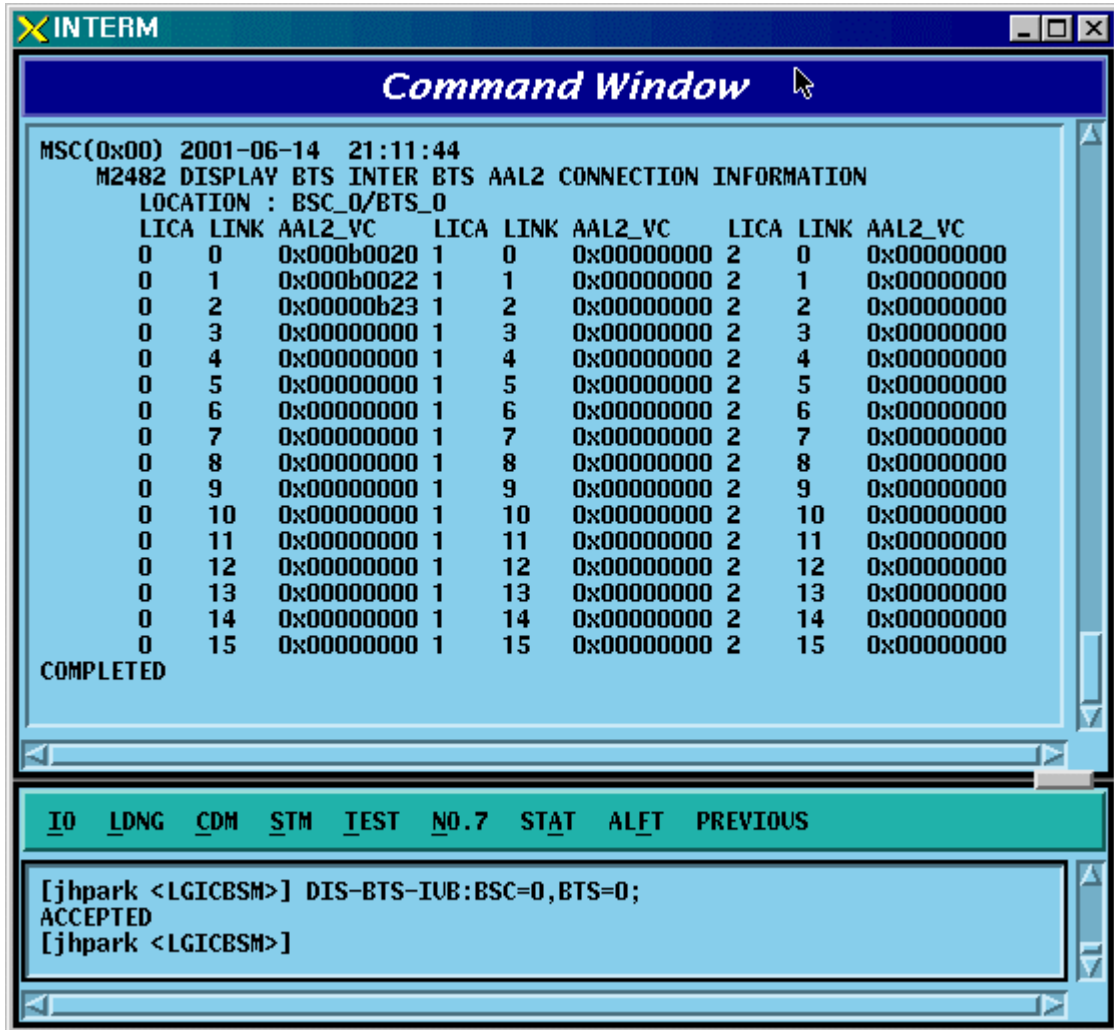


Fig. 4.3-71 BTS INTER BTS AAL2 Information Display

4.3.3.35. BTS INTER RCU AAL5 Information Display

- Command DIS-BTS-RCU: BSC=a ,BTS=b;
 - a: BSC Number (0~11)
 - b: BTS Number (0~47)
- Input DIS-BTS-RCU: BSC=0,BTS=0;
- Output

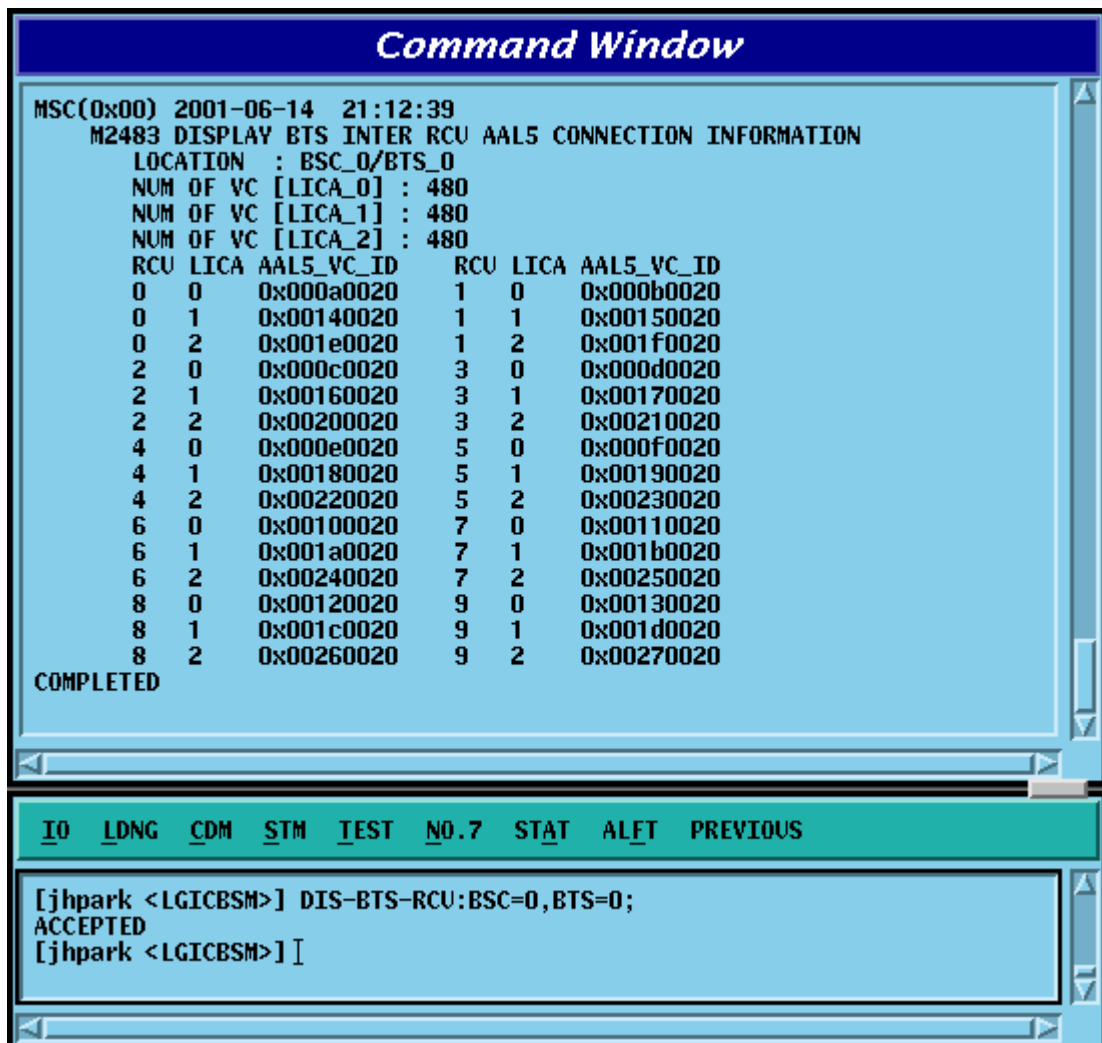


Fig. 4.3-72 BTS INTER RCU AAL5 Information Display

4.3.4. Parameter Information Change Command

(Change_Parameter_Information_1)

This section describes commands that are used to change the parameter information that is inquired. The command to change parameter information cannot be easily input by the keyboard since input parameter counts are too many. For this reason, this section will skip the command input in Text and demonstrate window input by mouse. Upon inputting the command, the part in blue is the parameter that the user can change and the user can change part or entire fields among them. For details of each parameter that is input, refer to Appendix.

Table 4.3-1 Parameter Data Change Command (1) List

2201	CHG-BTS-DATA	BTS parameter data change
2202	CHG-SECT-DATA	SECTOR Parameter data change
2203	CHG-CHAN-DATA	CDMA CHANNEL parameter data Change
2205	CHG-SYS1-PARA	SYSTEM PARAMETER(1) change
2206	CHG-SYS2-PARA	SYSTEM PARAMETER(2) change
2207	CHG-EXT1-SYS	EXTENDED SYSTEM PARAMETER(1) change
2208	CHG-EXT2-SYS	EXTENDED SYSTEM PARAMETER(2) change
2209	ADD-NGBR-DATA	Addition of Neighbor cell data
2210	RMV-NGBR-DATA	Deletion of Neighbor cell data
2211	CHG-NGBR-DATA	Neighbor cell data change
2213	CHG-NGBR-BCON	HOPPING BEACON PARAMETER change
2214	CHG-QOS-PARA	QOS parameter data change
2216	CHG-CHIP-PWR	Chip Power Control data change
2222	CHG-TIC-DATA	TIC parameter data change
2223	CHG-SECT-CHAN	Sector CDMA Channel change
2224	CHG-PWR-PARA	Power control parameter data change
2225	CHG-AC-PARA	ACCESS CHANNEL parameter information change
2226	CHG-TXMS-PARA	TXMS parameter data change
2227	START-BTS-CALB	BTS CALIBRATION start
2229	CHG-GSRM-PARA	PC GLOBAL REDIRECT parameter change
2230	CHG-ACC-PARA	ACCESS PARAMETER change
2232	CHG-PC-PARA	PAGING CHANNEL parameter data change
2233	CHG-PICH-PARA	PILOT CHANNEL parameter data change
2236	CHG-SC-PARA	SYNC CHANNEL parameter data change
2238	CHG-QPC-PARA	QUICH PAGING CHANNEL parameter data change
2239	CHG-BCON-PARA	HOPPING PILOT BEACON CHANNEL parameter data change

4.3.4.1. BTS Parameter Information Change

To change the BTS parameter information, click CDM->Change_Parameter_Information->Change BTS Data on the Command Window in order and input the value that the command wants to change in each field.

- Command CHG-BTS-DATA :BSC=a ,BTS=b [,SID=c] [,NID=d] [,BASE_ID=e] [,BASE_CLASS=f] [,REG_ZONE=g] [,LTM_OFF=h] [,DAY_LT=i] [,BASE_LAT=j] [,BASE_LONG=k] [,TUB_ENC=l] [,REV_PWR=m];

- Input CHG-BTS-DATA :BSC=0 ,BTS=0 ,SID=3333;

- Output

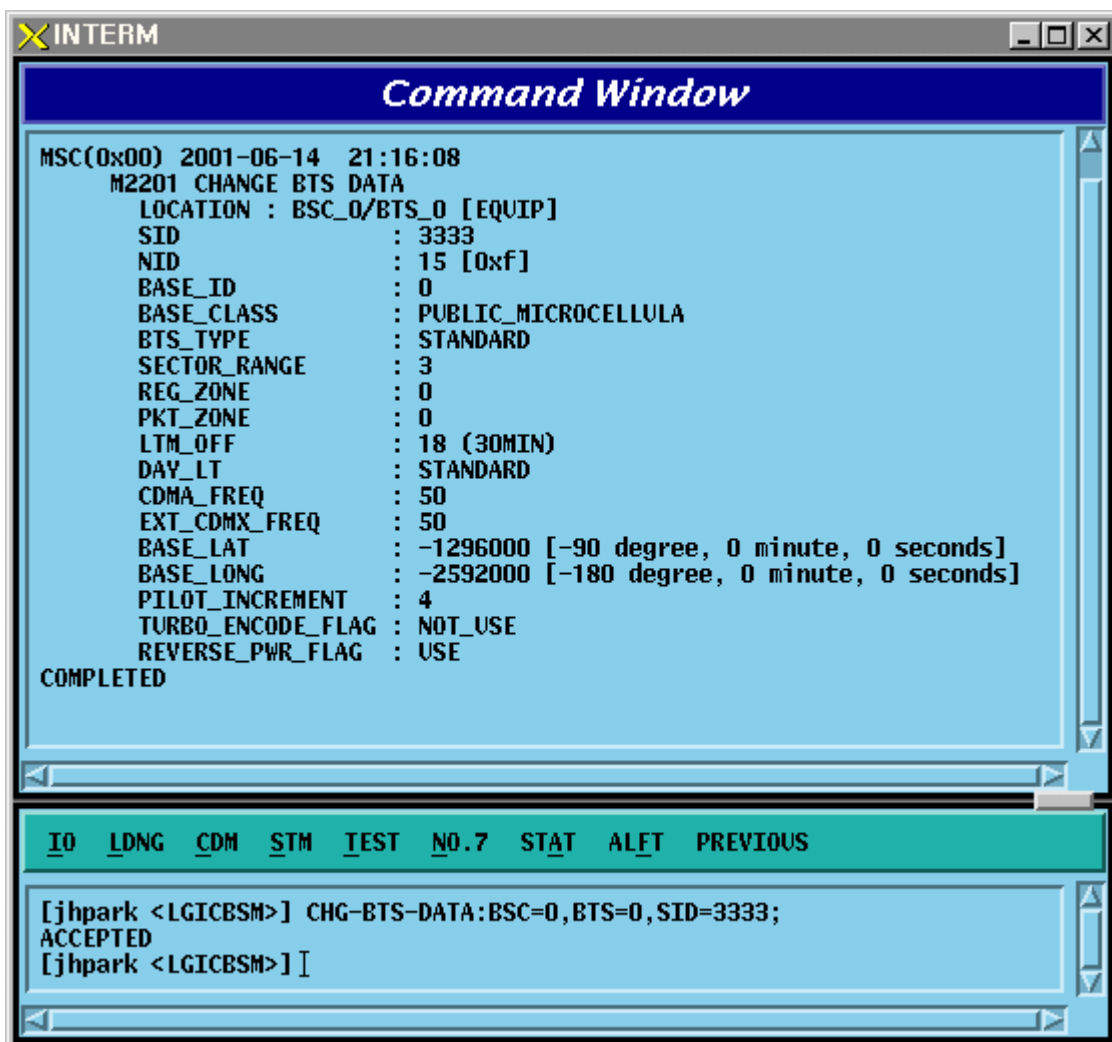


Fig. 4.3-73 BTS Parameter Information Display

4.3.4.2. Sector Parameter Information Change

To change the sector parameter information, click CDM->Change_Parameter_Information_1-> CHG-SECT-DATA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-SECT-DATA :BSC=a ,BTS=b ,SECT=c [,PN=d] [,CNTL_PARA=e] ;
- Input CHG-SECT-DATA :BSC=0 ,BTS=0 ,SECT=ALPHA ,PN=40;
- Output

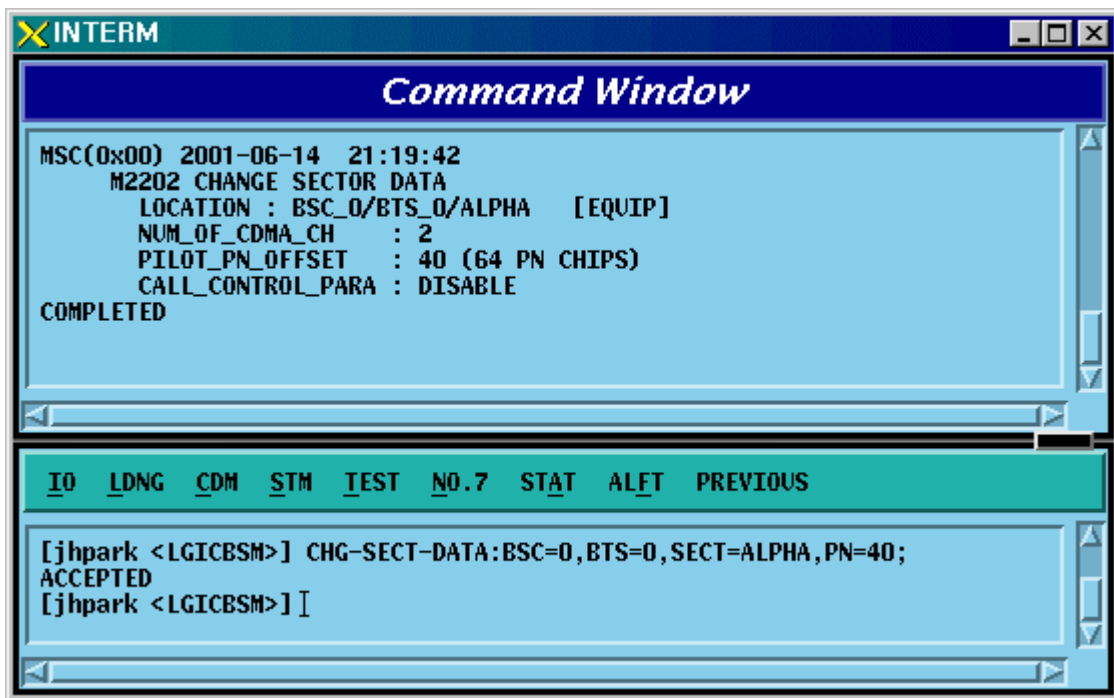


Fig. 4.3-74 Sector Parameter Information Change

4.3.4.3. CDMA Channel Parameter Information Change

To change the CDMA parameter information, click CDM->Change_Parameter_Information_1-> CHG-CHAN-DATA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-CHAN-DATA :BSC=a ,BTS=b ,CDMACH=c
[,FREQ_BAND=d] [,CH_NUM=e] [,TCE_4HO=f] [,MAX_SCH=g];
- Input CHG-CHAN-DATA :BSC=0,BTS=0 ,CDMACH=0 ,FREQ_BAND=2222;
- Output

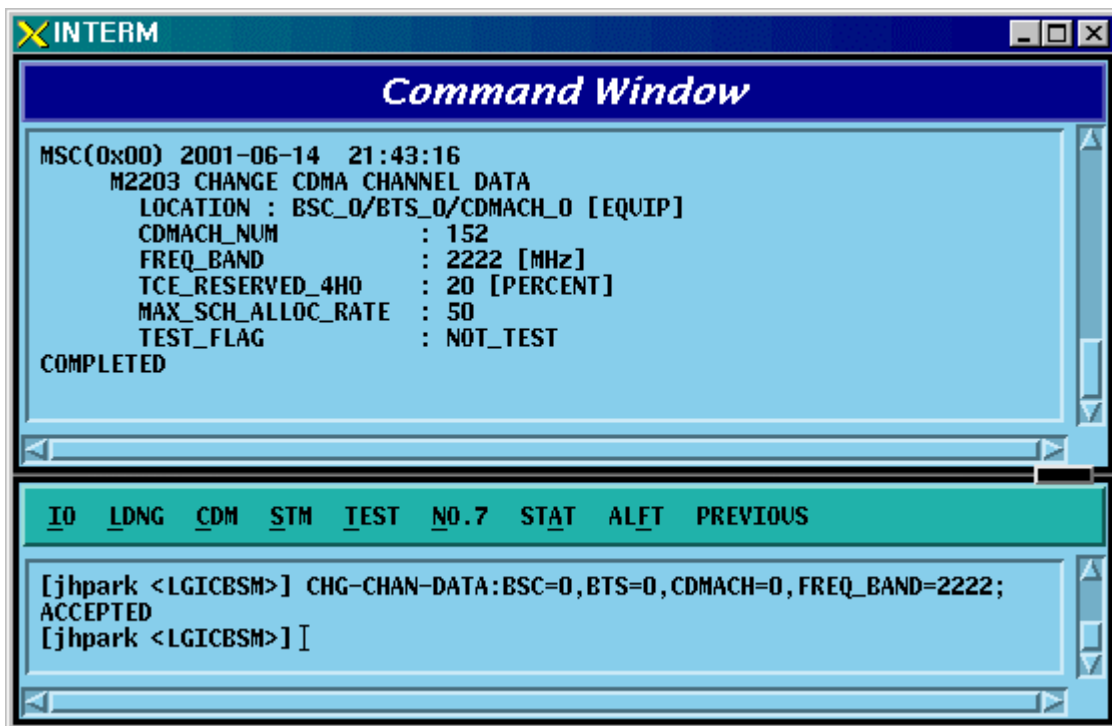


Fig. 4.3-75 CDMA Channel Parameter Information Display

4.3.4.4. SYSTEM PARAMETER(1) Change

To change the system parameter message, click CDM-> Change_Parameter_Information_1-> CHG-SYS1-PARA on the Command Window in order. As the System Parameter Message have many elements, they are divided into the three commands. The output format for each command is the same.

- Command CHG-SYS1-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d [,TOT_ZONE=e] [,ZONE_TIME=f] [,MULT_SIDS=g] [,MULT_NIDS=h] [,REP_THSH=i] [,REP_FRAM=j] [,SRCH_WINA=k] [,SRCH_WINN=l] [,SRCH_WINR=m] [,NGHB_MAGE=n] [,T_ADD=o] [,T_DROP=p] [,T_COMP=q] [,T_TDRP=r];
- Input CHG-SYS1-PARA :BSC=0,BTS=0 ,SECT=ALPHA,CDMACH=0,TOT_ZONE=5
- Output

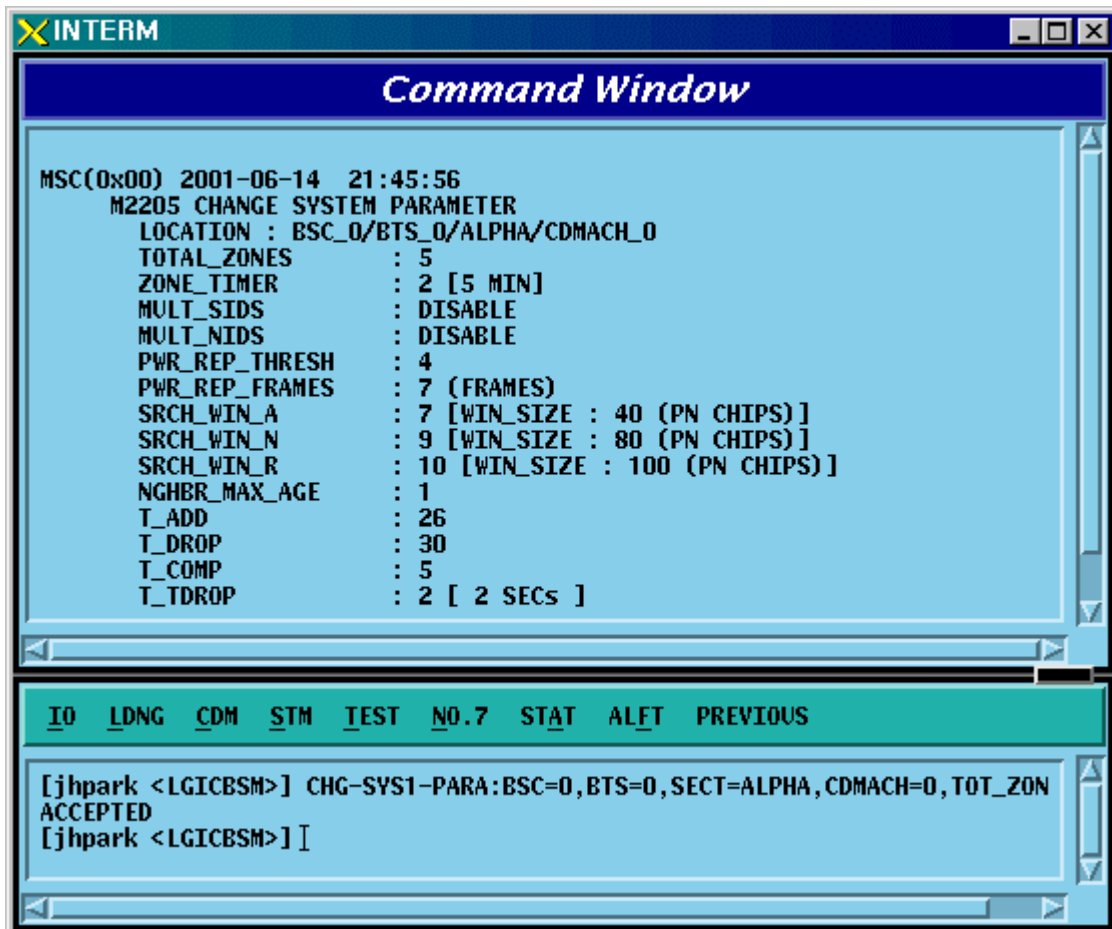


Fig. 4.3-76 System Parameter Change(1) Display

4.3.4.5. SYSTEM

4.3.4.6. PARAMETER(2) Change

To change the system parameter message, click CDM-> Change_Parameter_Information_1-> CHG-SYS2-PARA on the Command Window in order. Since the System Parameter Message have many elements, they are divided into three commands. The output format for each command is the same.

- Input CHG-SYS2-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d [,HOME_REG=e] [,MAX_SCI=f] [,NID_REG=g] [,SID_REG=h] [,PARAM_REG=i] [,REG_PRD=j] [,REG_DIST=k] [,PWR_UP=l] [,PWR_DOWN=m] [,THSH_EABL=n] [,PRID_EABL=o] [,REP_DELY=p] [,RE_SCAN=q] [,EXT_SYS=r] [,EXT_NGHBR=s] [,GEN_NGHBR=t] [,REDIRECT=u] [,PRI_NGHBR=v] [,USER_ZONE=w] [,EXT_REDIRECT=x] [,EXT_CHAN=y] ;
- Output CHG-SYS2-PARA :BSC=0 ,BTS=0,SECT=ALPHA ,CDMACH=0, HOME_REG=MANUAL;
- Display

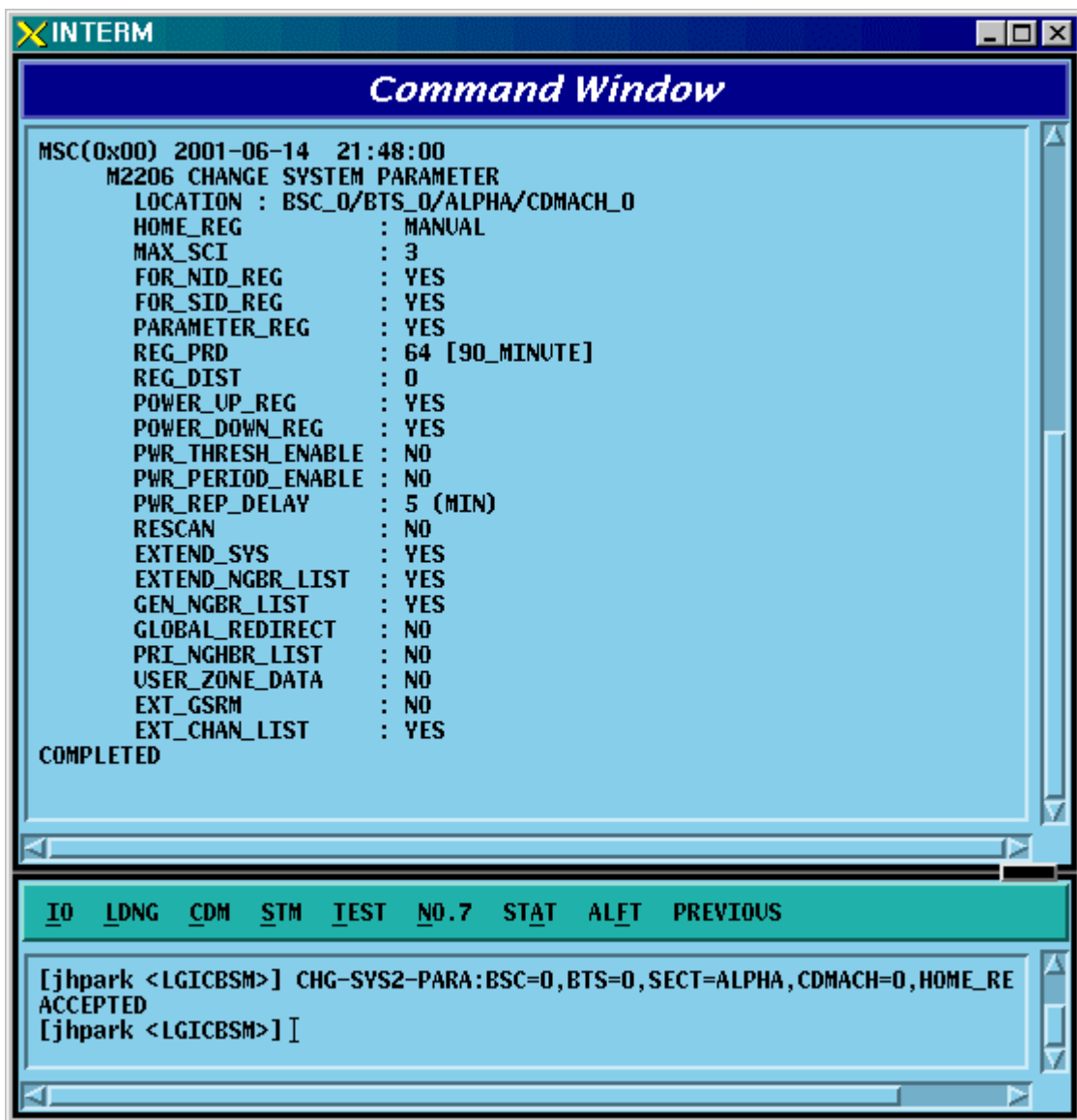


Fig. 4.3-77 System Parameter Change(2) Display

4.3.4.7. EXTENDED SYSTEM PARAMETER(1) Change

To change the Extended System Parameter Message, click CDM-> Change_Parameter_Information_1-> CHG-EXT1-SYS on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Change CHG-EXT1-SYS :BSC=a ,BTS=b ,SECT=c ,CDMACH=d [,PREF_MSID=e]
[,MCC=f] [,IMSI_11_12=g] [,TMSI_LEN=h]
[,TMSI_ZONE_1=i] [,TMSI_ZONE_2=j] [,TMSI_ZONE_3=k]
[,TMSI_ZONE_4=l] [,TMSI_ZONE_5=m]
[,TMSI_ZONE_6=n] [,TMSI_ZONE_7=o]
[,TMSI_ZONE_8=p] [,BCAST_IDX=q] [,SOFT_SLOPE=r]
[,ADD_INT=s] [,DROP_INT=t] [,NGBR_SET=u]
[,ACCESS_HO=v] [,HO_MSG_RSP=w] [,ACC_PRB_HO=x] [,PRB_HO_OT=y] ;
- Input CHG-EXT1-SYS :BSC=0 ,BTS=0 ,SECT=ALPHA ,CDMACH=0 ,
PREF_MSID=IMSI;
- Output

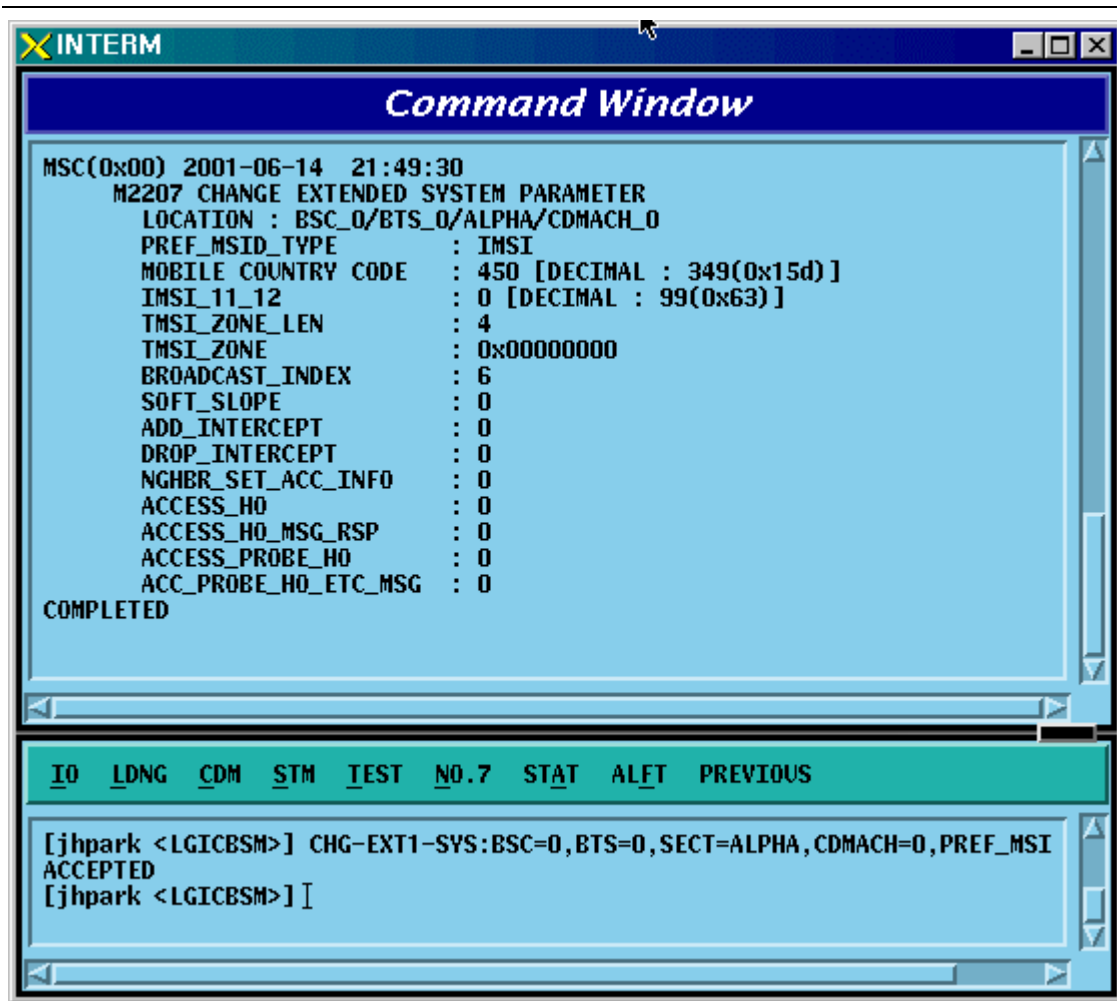


Fig. 4.3-78 Extended System Parameter Change(1) Display

4.3.4.8. EXTENDED SYSTEM PARAMETER(2) Change

To change the Extended System Parameter Message, click CDM-> Change_Parameter_Information_1-> CHG-EXT2-SYS on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-EXT2-SYS :BSC=a ,BTS=b ,SECT=c ,CDMACH=d
[,IMSL_T_SUPRT=e]
[,P_REV=f] [,MIN_P_REV=g] [,MAX_ALT_SO=h]
[,RESEL_INCL=i] [,EC_THRESH=j]
[,EC_IO_THRESH=k] [,PILOT_REPORT=l]
[,NGBR_SET_INF=m] [,ACC_HO_ORD=n] [,HO_LIST_UPD=o]
[,MAX_PRB_HO=p] [,BRD_GPS_ASS=q] [,QPC_SUPPORT=r] [,NUM_QPCH=s]
[,QPCH_RATE=t] [,QPC_PWR_LEV=u] [,QPC_CCI=v] [,QPC_PWR_CFG=w]
[,SDB_SUPPORT=x] [,MAC_CF_SPRT=y] [,RLGAIN_PICH=z];
- Input CHG-EXT2-SYS :BSC=0 ,BTS=0,SECT=ALPHA ,CDMACH=,IMSL_T_SUPRT=1;
- Output

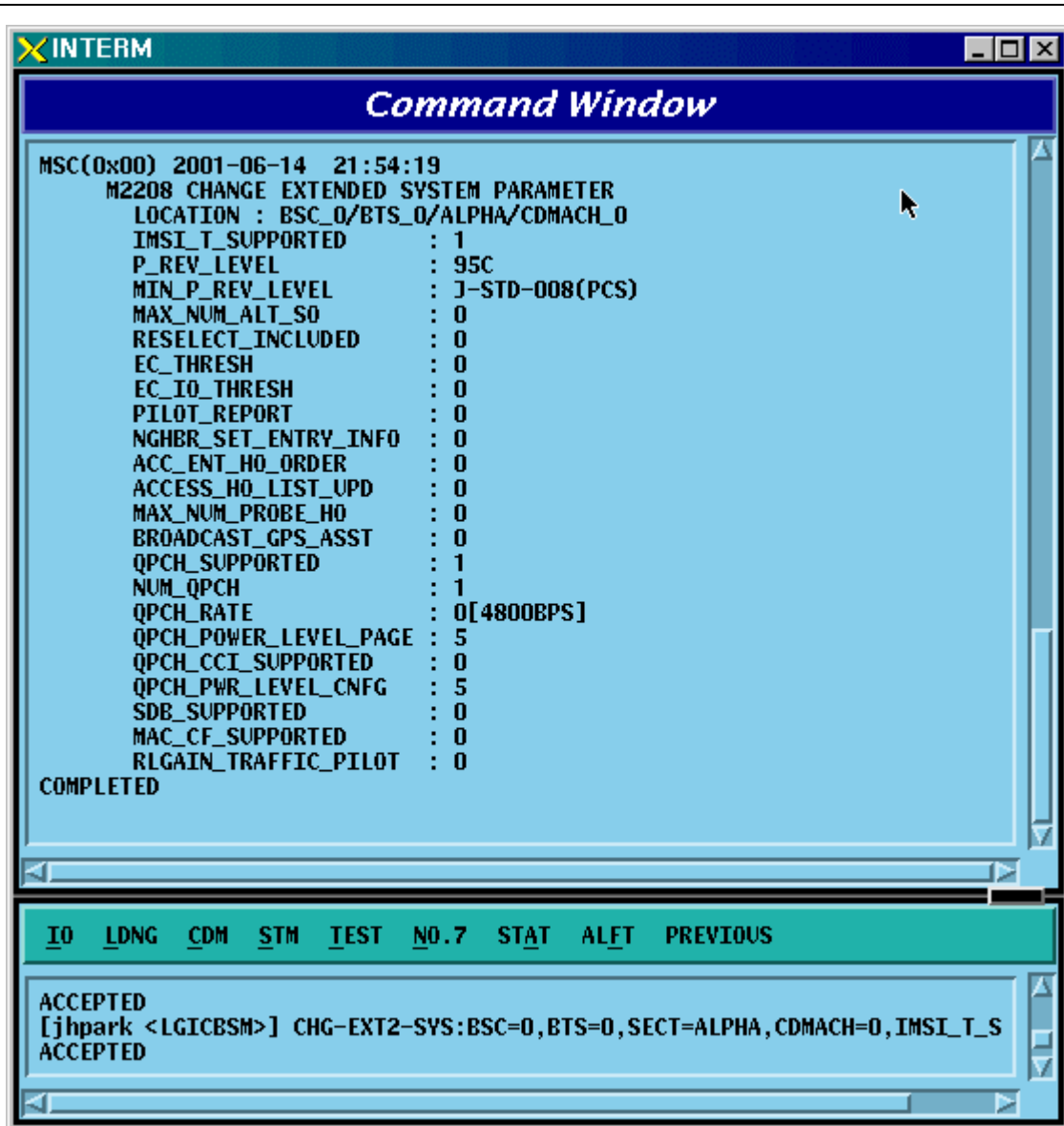


Fig. 4.3-79 Extended System Parameter Change(2) Display

4.3.4.9. Neighbor Cell Information Addition

To add the neighbor list, click the CDM->Change_Parameter_Information_1-> ADD-NGBR-DATA on the Command Window in order. If the next input window is displayed, then input the values to be changed.

- Command `ADD-NGBR-DATA :BSC=a ,BTS=b ,SECT=c ,INDEX=d ,NGBR_CNFG=e ,NGBR_PN=f ,NGBR_SID=g ,NGBR_NID=h ,NGBR_BASE=i ,NGBR_MSC=j ,NGBR_BSC=k ,NGBR_BTS=l ,NGBR_SECT=m ,NGBR_MSC_T=n ,NGBR_BSC_T=o,NGBR_BCON=p ,SRCH_PRIO=q ,FREQ_INCL=r [,NGBR_BAND=s] [,NGBR_FREQ=t] [,TIME_INCL=u] [,TX_OFFSET=v] [,TX_DURATION=w] [,TX_PERIOD=x] [,SRCH_SET=y] [,ADD_PICH_REC=z] [,PICH_REC=] [,OTD_PWR=] [,SRCH_OFFSET=] [,ACC_HO=] [,ACC_HO_ALW=];`
- Input `ADD-NGBR-DATA :BSC=0 ,BTS=0 ,SECT=ALPHA ,INDEX=0 ,NGBR_CNFG=0 ,NGBR_PN=0 ,NGBR_SID=0 ,NGBR_NID=0 ,NGBR_BASE=0 ,NGBR_MSC=0 ,NGBR_BSC=0 ,NGBR_BTS=0 ,NGBR_SECT=ALPHA ,NGBR_MSC_T=LG_MSC ,NGBR_BSC_T=LG_BSC,NGBR_BCON=NO ,SRCH_PRIO=LOW ,FREQ_INCL=NO,NGBR_BAND=Mhz_800;`

- Output

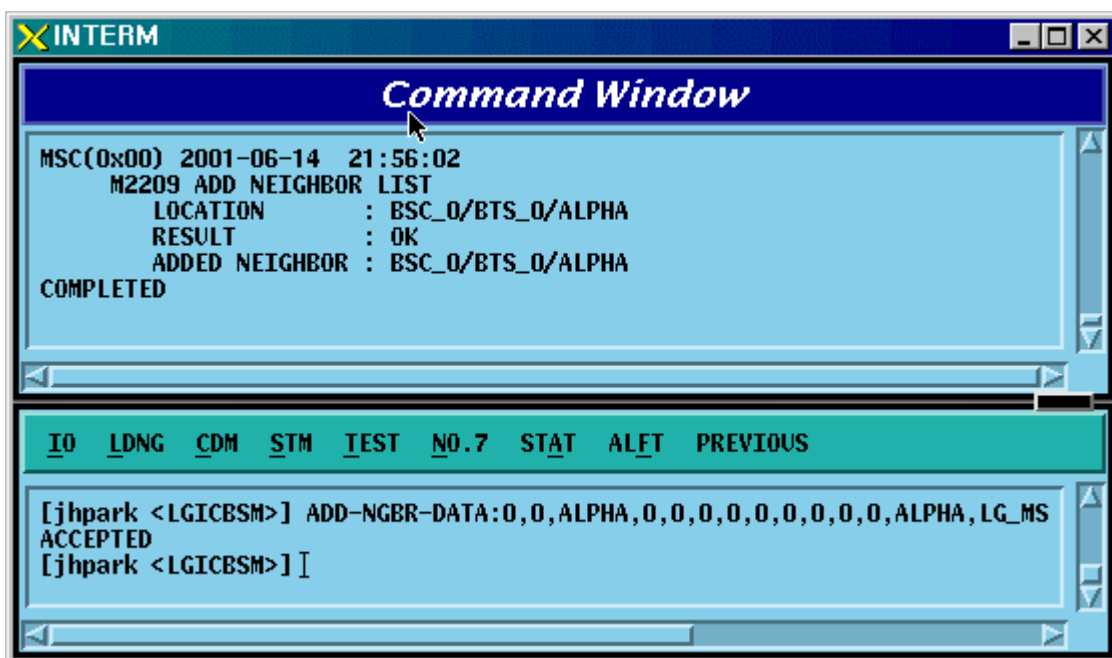


Fig. 4.3-80 Neighbor Cell Addition Display

4.3.4.10. Neighbor Cell Information Deletion

To delete the neighbor list, click CDM->Change_Parameter_Information_1-> RMV-NGBR-DATA on the Command Window in order. If the next window is displayed, then input the sector and PN value of the sector to be deleted.

- Command RMV-NGBR-DATA :BSC=a ,BTS=b ,SECT=c ,NGBR_PN=d;
- Input RMV-NGBR-DATA :BSC=0 ,BTS=0 ,SECT=ALPHA ,NGBR_PN=0;
- Output

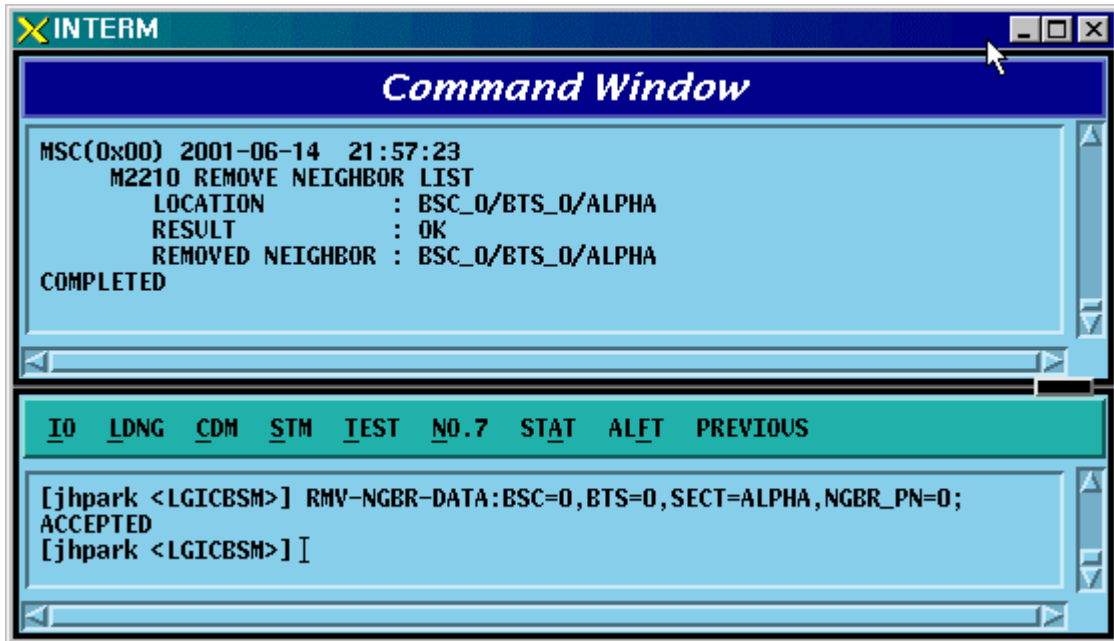


Fig. 4.3-81 Neighbor Cell Information Deletion Display

4.3.4.11. Neighbor Cell Information Change

To change the neighbor list, click CDM->Change_Parameter_Information_1-> CHG-NGBR-DATA on the Command Window in order. If the next input Window is displayed, input the sector and the PN value of the sector to be deleted.

- Command CHG-NGBR-DATA :BSC=a ,BTS=b ,SECT=c ,NGBR_PN=d ,NEW_INDEX=e

- Input

- Output

4.3.4.12. HOPPING BEACON PARAMETER Change

To change Hopping Beacon Parameter, click CDM->Change_Parameter_Information_1-> CHG-NGBR-BCON on the Command Window in order.

- Command CHG-NGBR-BCON :BSC=a ,BTS=b ,SECT=c ,CDMACH=d
[,NGBR_SRCH=e]
[,USE_TIMING=f] [,G_TIME_INCL=g] [,G_TX_DURATE=h]
[,G_TX_PERIOD=i] [,SRCH_OFF_INC=j] ;
- Input CHG-NGBR-BCON :BSC=0 ,BTS=0 ,SECT=ALPHA ,CDMACH=0 ,
NGBR_SRCH=255;
- Output

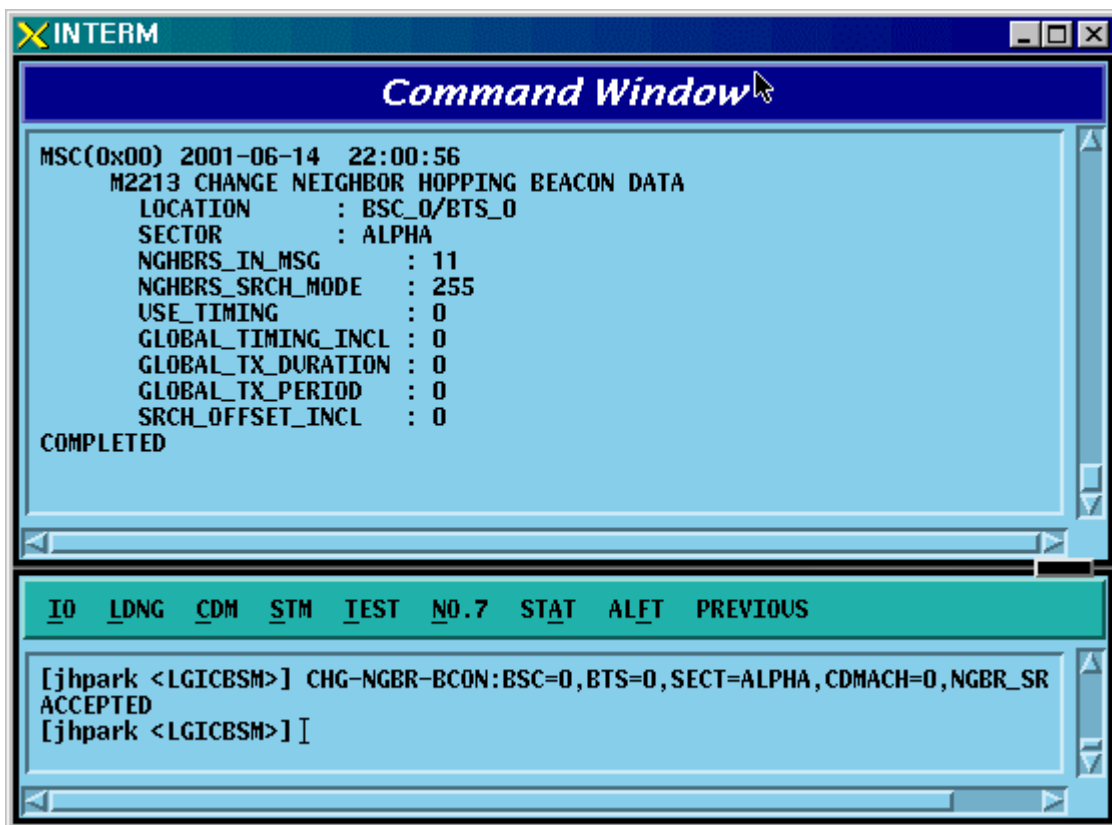


Fig. 4.3-82 Hopping Beacon Parameter Change Display

4.3.4.13. QOS Parameter Change

To change Quality Of Service parameter information, click CDM->Change_Parameter_Information_1-> CHG-QOS-PARA on the Command Window in order.

- Command CHG-QOS-PARA :BSC=a ,BTS=b [,MAX_SCH_RATE=c];
- Input CHG-QOS-PARA :BSC=0 ,BTS=0,MAX_SCH_RATE=255;
- Output

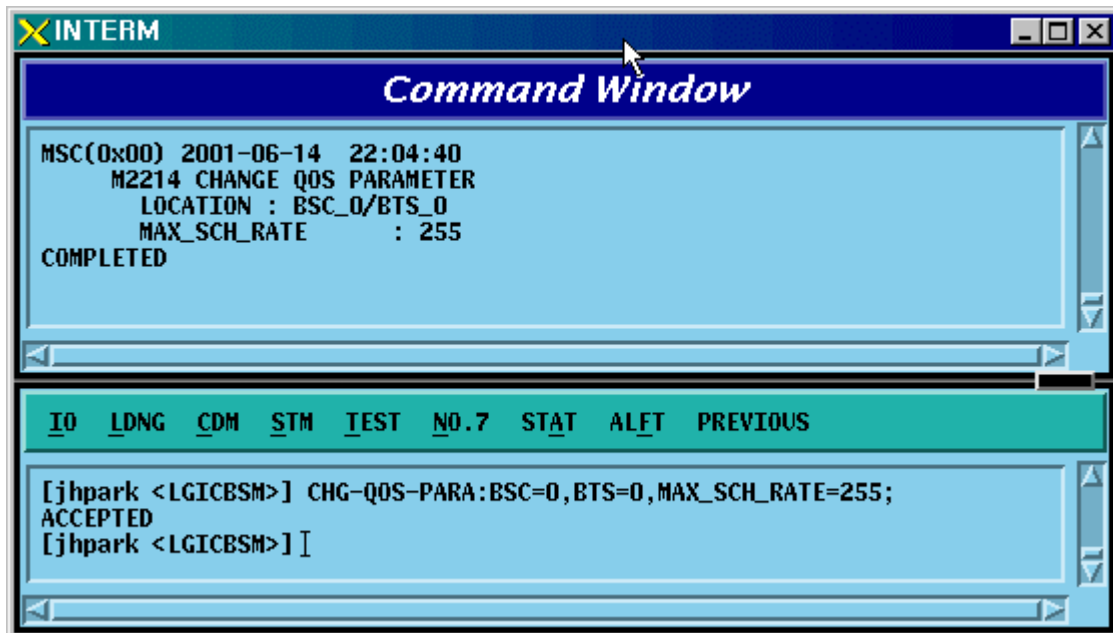


Fig. 4.3-83 QOS Parameter Information Change Display

4.3.4.14. Chip Power Control Information Change

To change Chip Power Control information, click CDM->Change_Parameter_Information_1-> CHG-CHIP-PWR on the Command Window in order.

- Command CHG-CHIP-PWR :BSC=a ,BTS=b [,CH_PWR0=c] [,CH_PWR1=d] [,CH_PWR2=e] [,CH_PWR3=f] [,MIN_GAIN0=g] [,MIN_GAIN1=h] [,MIN_GAIN2=i] [,MIN_GAIN3=j] [,MAX_GAIN0=k] [,MAX_GAIN1=l] [,MAX_GAIN2=m] [,MAX_GAIN3=n] [,STEP_UP_SIZE=o] [,STEP_DN_SIZE=p] [,FPC_PUNC=q] [,RPC_PUNC=r] [,PWR_CNT_PNT=s] [,PWR_CNT_PTN=t] ;
- Input CHG-CHIP-PWR :BSC=0 ,BTS=0 ,CH_PWR0=255;
- Output

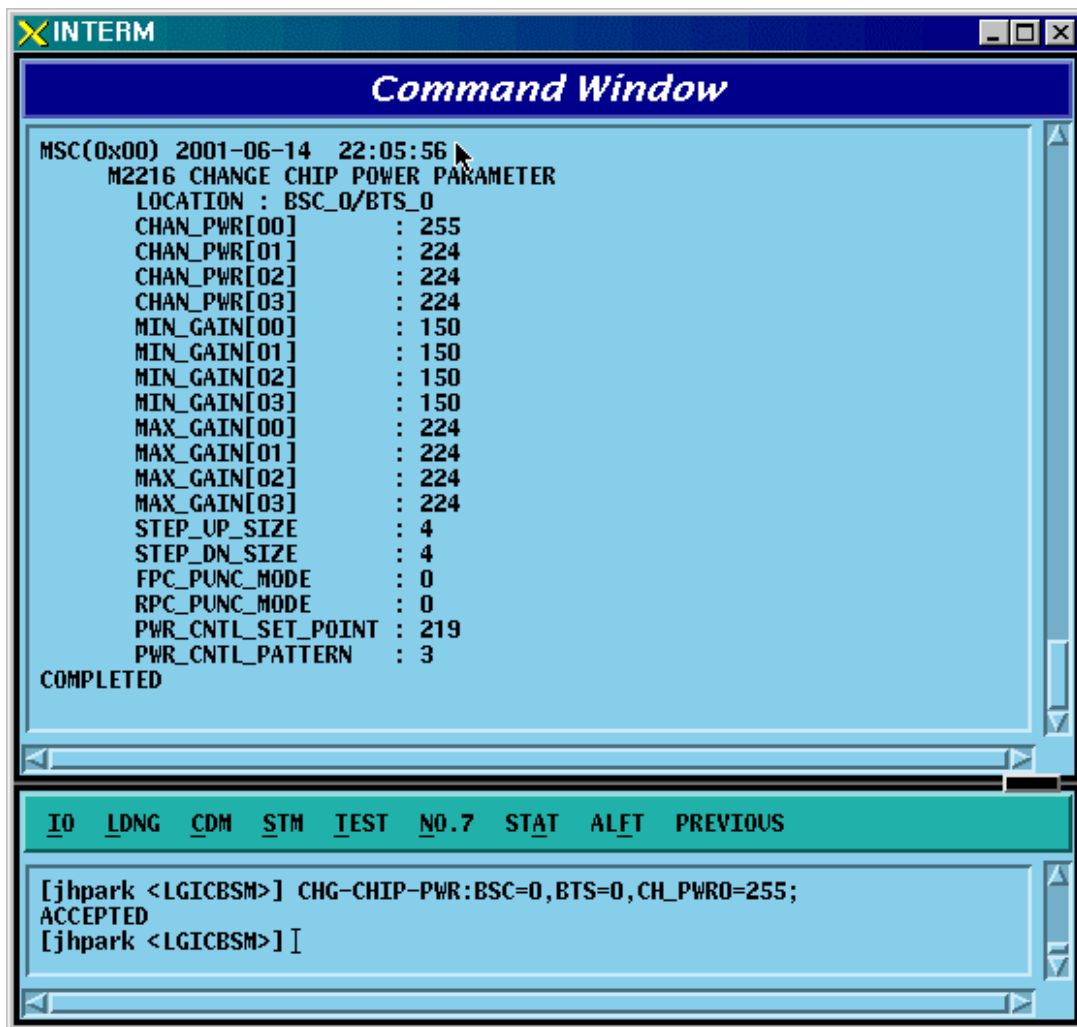


Fig. 4.3-84 Chip Power Control Information Change Display

4.3.4.15. TIC Parameter Change

To change Tx Gain value, click CDM->Change_ Parameter_Information_1-> CHG-TIC-DATA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-TIC-DATA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d [,TX_GAIN=e] ;
- Input CHG-TIC-DATA :BSC=0 ,BTS=0 ,SECT=ALPHA ,CDMACH=0 ,TX_GAIN=255 ;
- Output

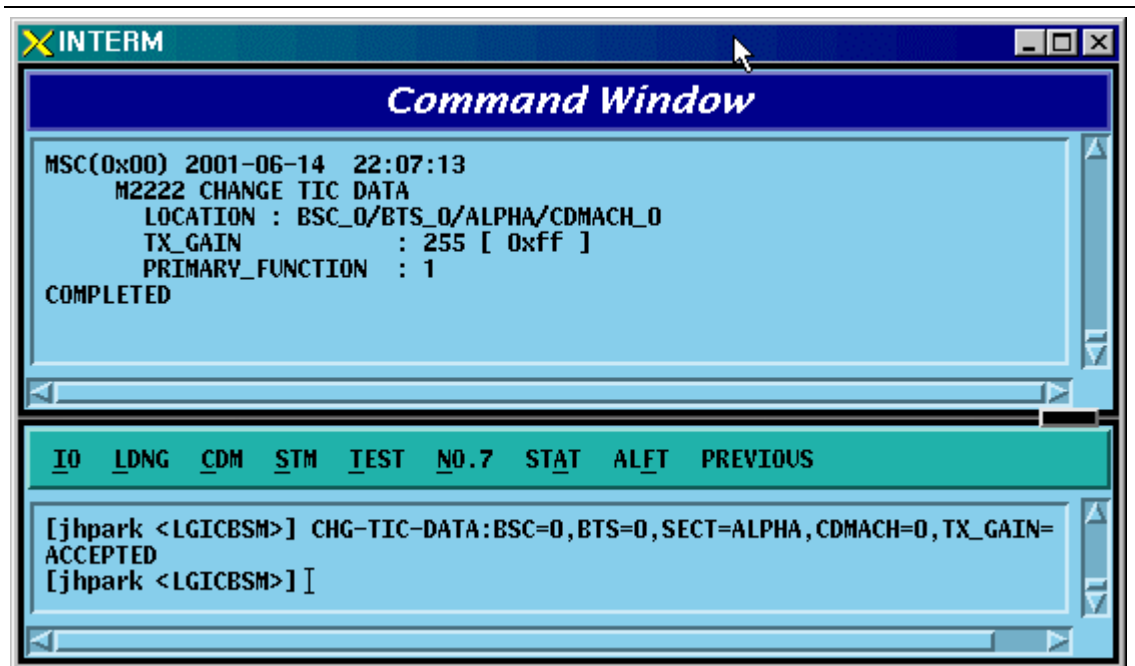


Fig. 4.3-85 TIC Parameter Information Change Display

4.3.4.16. OCNS Parameter Change

To change OCNS Parameter value, click CDM->Change_Parameter_Information_1->CHG-OCNS-PARA on the Command Window in order. If the next input Window is displayed, then input the value to be changed.

- Command CHG-OCNS-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d
[,OCNS_ENABLE=e]
[,NUM_OCNS_CH=f] [,OCNS_TEST=g] [,OCNS_SO=h];
- Input CHG-OCNS-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA ,
CDMACH=0 ,OCNS_ENABLE=DISABLE,NUM_OCNS_CH=2;

• Output

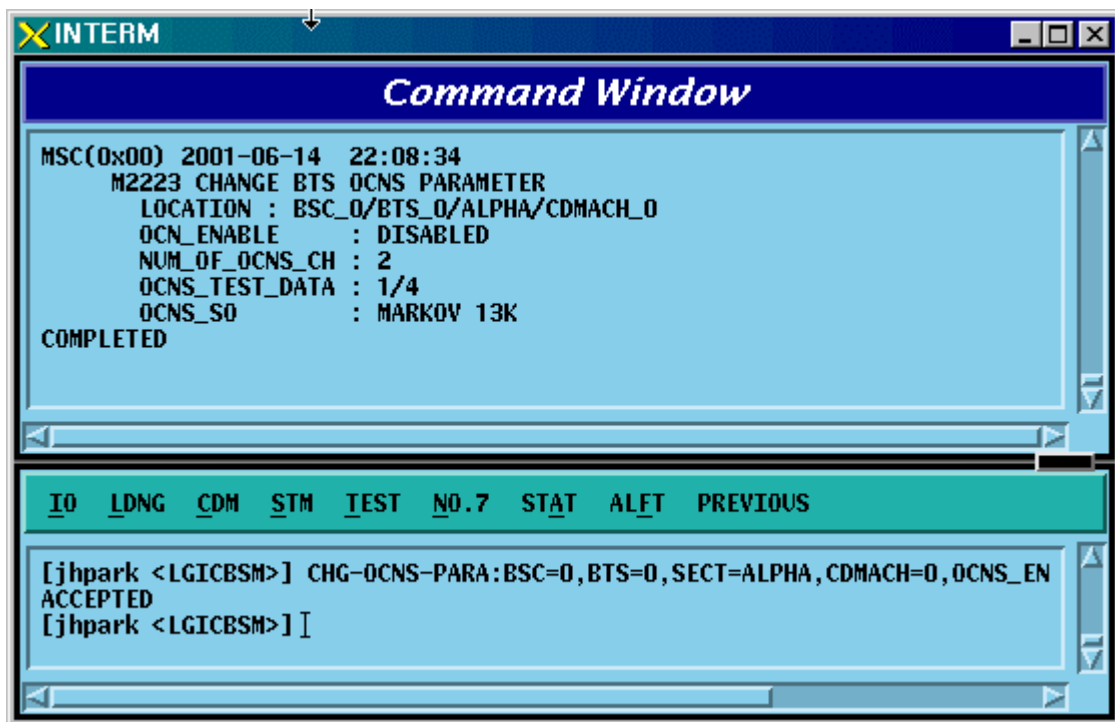


Fig. 4.3-86 OCNS Parameter Change Display

4.3.4.17. Power Control Information Change

To change OCNS Parameter value, click CDM->Change_Parameter_Information_1->CHG-PWR-PARA on the Command Window in order. If the next input Window is displayed, then input the value to be changed.

- Command CHG-PWR-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d
[,T_RX_FILTER=e]
[,G_RX_FILTER=f] [,G_TX_FILTER=g] [,GH_TX_FILTER=h]
[,R_TX_PILOT=i] [,FLN_BLK_THSH=j] [,FLN_HO_THSH=k]
[,FLN_GAIN_SCA=l] [,RLN_BLK_THSH=m] [,RLNK_HO_THSH=n]
[,A_TX_MAX=o] [,DELTA_A_TX=p] [,K_LEVEL=q] [,K_SLOPE=r]
[,K_DELTA=s] [,DELTA_T=t] [,P_TX_MAX=u] [,INIT_CALB=v]
[,PRD_CALIB=w] [,BREATH_FLAG=x] [,PWR_EST_FLAG=y]
[,OVPWR_LMT=z] [,FLN_CAP_LMT=] [,RLN_CAP_LMT=];
- Input CHG-PWR-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA ,CDMACH=0,
T_RX_FILTER=255;
- Output

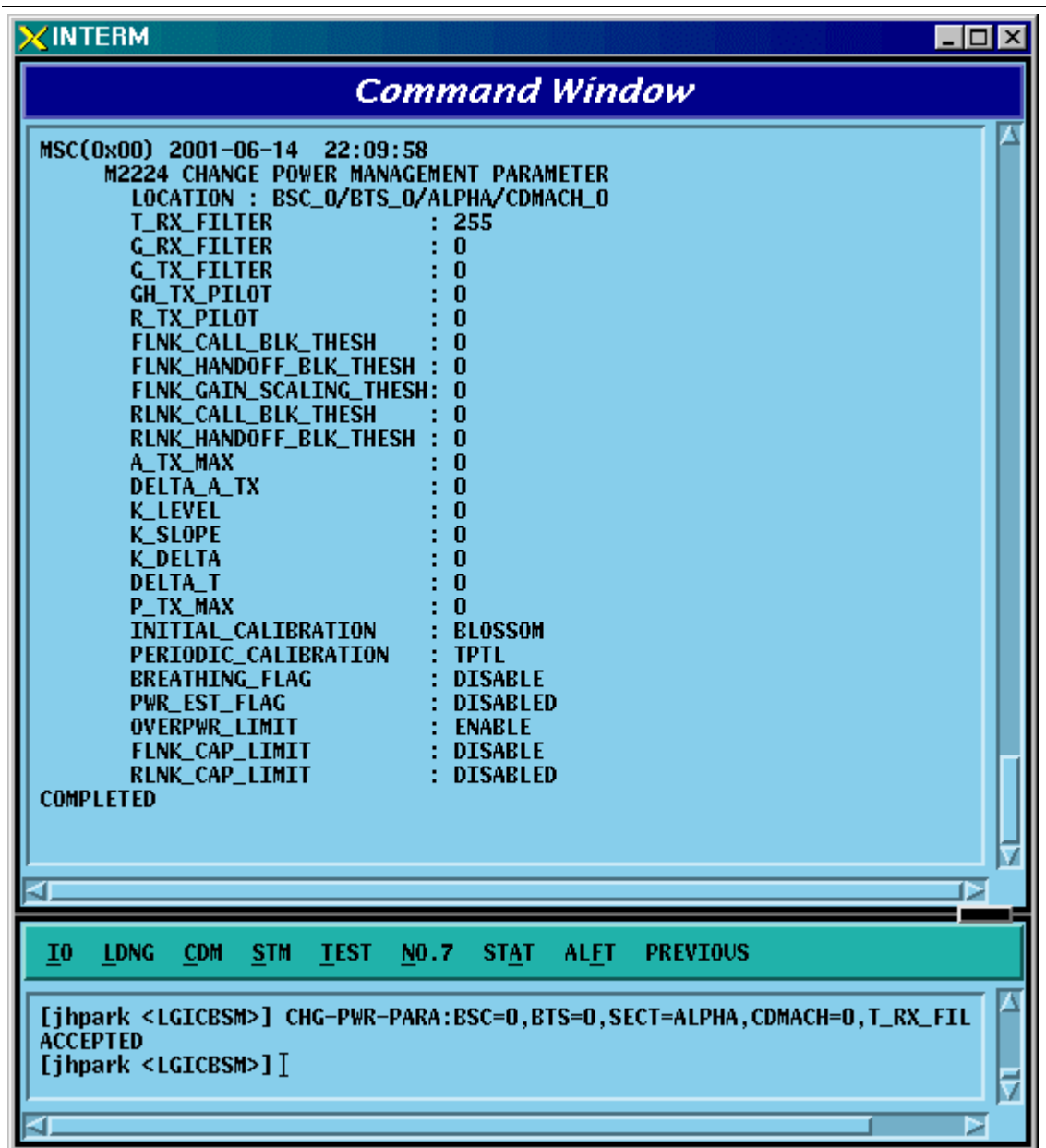


Fig. 4.3-87 Power Control Parameter Information Display

4.3.4.18. ACCESS CHANNEL Parameter Information Change

To change Access Channel Parameter information, click CDM-> Change_Parameter_Information->CHG-AC-PARA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-AC-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d ,PC=e ,AC=f [,SRCH_OFFSET=g] [,SRCH_WIN_SZ=h];
- Input CHG-AC-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA , CDMACH=0 , PC=0, SRCH_WIN_SZ=32;
- Output

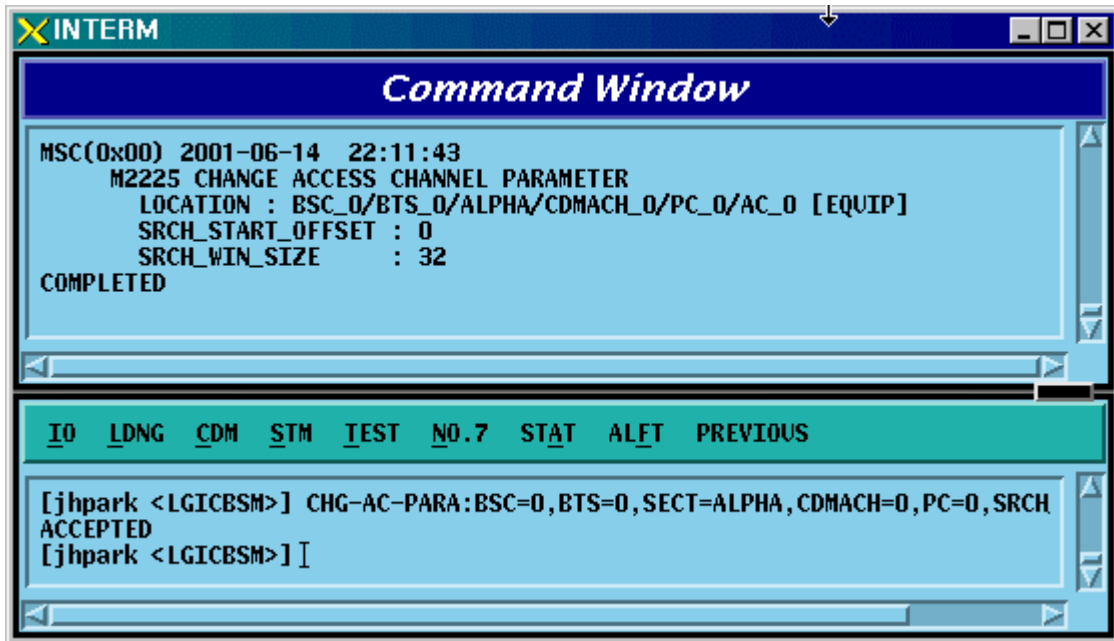


Fig. 4.3-88 Access Channel Parameter Information Change Display

4.3.4.19. TXMS Parameter Information Change

To change TXMS Parameter information, click CDM-> Change_Parameter_Information->CHG-TXMS-PARA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

•Command CHG-TXMS-PARA
:BSC=a ,BTS=b ,SECT=c ,CDMACH=d ,OH_CH_ERP=e ;

• Input CHG-TXMS-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA ,CDMACH=0 ,
OH_CH_ERP=25000 ;

• Output

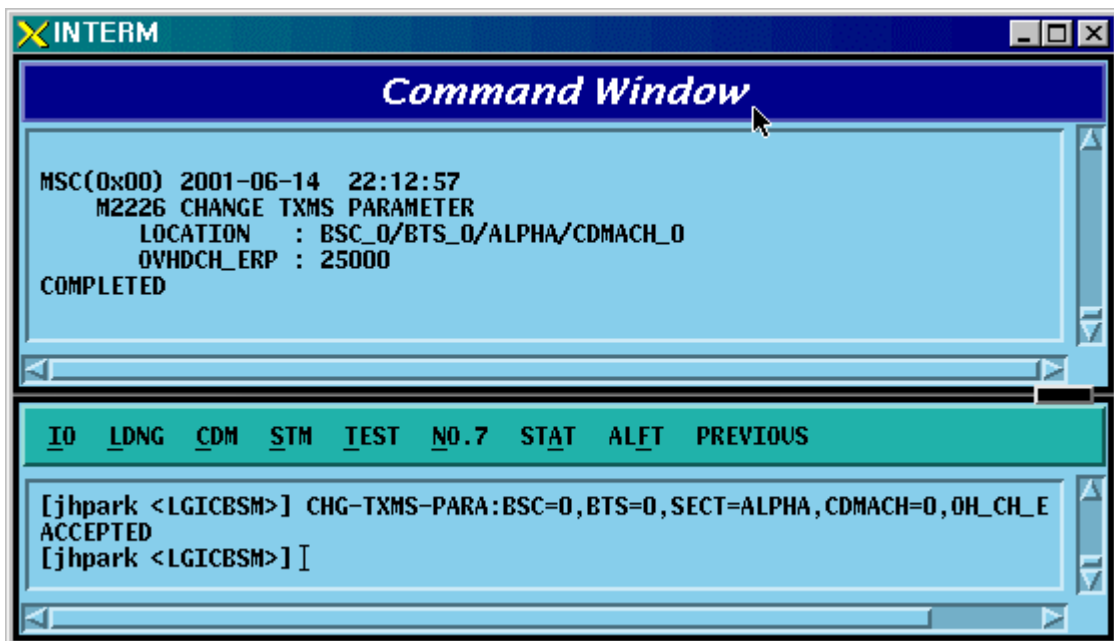


Fig. 4.3-89 TXMS Parameter Information Change Display

4.3.4.20. BTS CALIBRATION Start

To start BTS Calibration, click CDM-> Change_ Parameter_Information->START-BTS-CALB on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command START-BTS-CALB :BSC=a ,BTS=b [,SECT=c] [,CDMACH=d] ,METHOD=e ;

- Input START-BTS-CALB :BSC=0 ,BTS=0 ,SECT=ALPHA,METHOD=OVHD ;

- Output

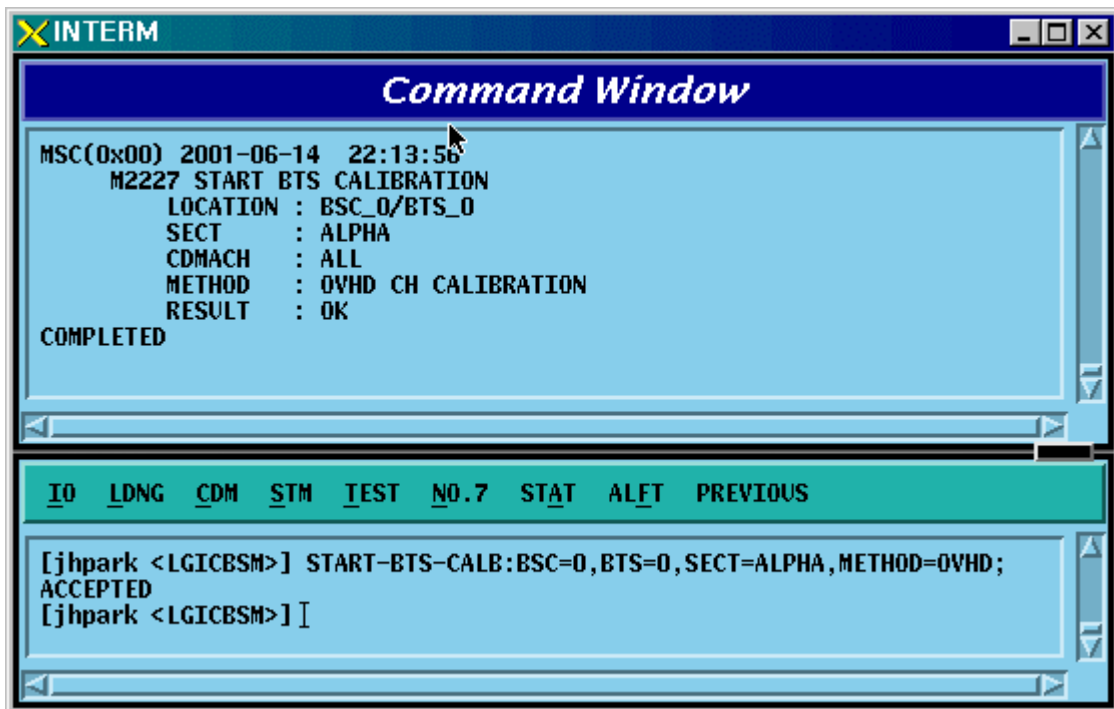


Fig. 4.3-90 BTS Calibration Start Display

4.3.4.21. BTS Calibration Time Change

To change BTS Calibration time, click CDM-> Change_ Parameter_Information->CHG-CALB-TIME on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-CALB-DATA :BSC=a ,BTS=b ,HOUR=c ,MINUTE=d ,INTERVAL=e ,METHOD=f;
- Input CHG-CALB-DATA :BSC=0 ,BTS=0 ,HOUR=1 ,MINUTE=1 ,INTERVAL=1 ,METHOD=OVHD;
- Output

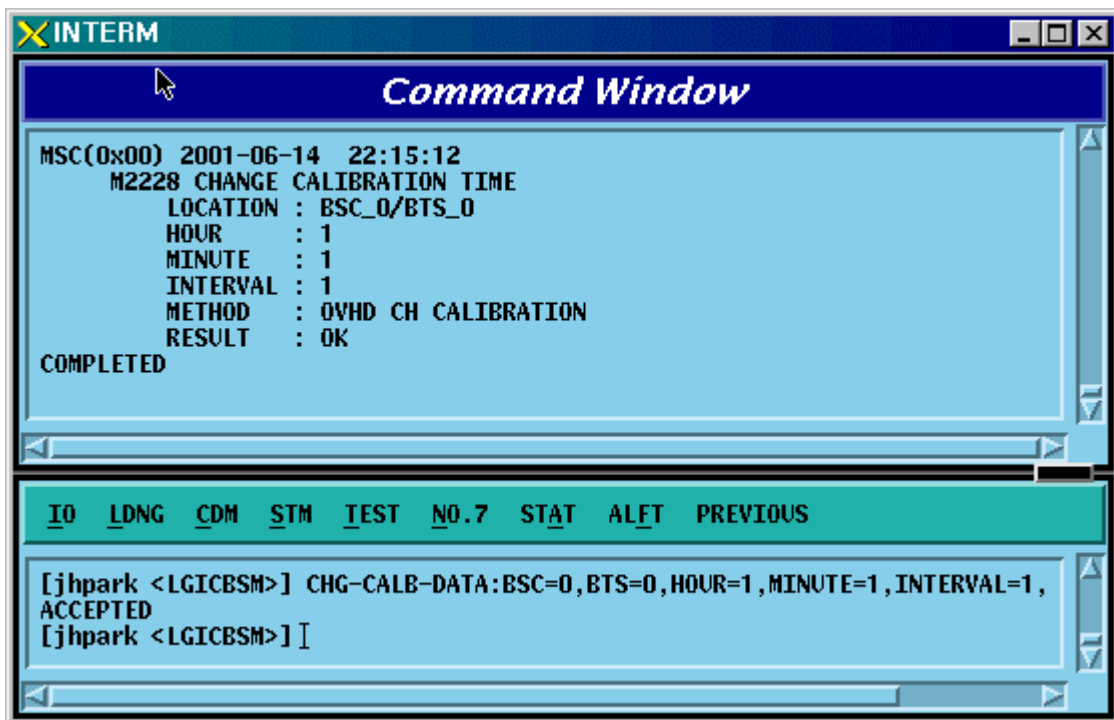


Fig. 4.3-91 BTS Calibration Time Change Display

4.3.4.22. PC GLOBAL REDIRECT Parameter Information Change

To change Paging Channel Global Redirect information, click CDM-> Change_Parameter_Information->CHG-GSRM-PARA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-GSRM-PARA :BSC=a ,BTS=b ,SECT=c [,ACCOLC=d] [,RET_IF_FAIL=e] [,P_REV_MS=f] [,RDIR_P_REV=g] [,EXCL_P_REV=h] [,RDIR_P_MIN=i] [,RDIR_P_MAX=j] [,RECORD_TYPE=k] [,RECORD_LEN=l] [,EXPECT_A_SID=m] [,IGNORE_CDMA=n] [,SYS_ORDER=o] [,BAND_CLASS=p] [,EXPECT_SID=q] [,EXPECT_NID=r] [,NUM_CHAN=s] [,CDMA_CH_0=t] [,CDMA_CH_1=u] [,CDMA_CH_2=v] [,CDMA_CH_3=w] [,CDMA_CH_4=x] [,CDMA_CH_5=y] [,CDMA_CH_6=z] [,CDMA_CH_7=] [,CDMA_CH_8=] [,CDMA_CH_9=];
- Input CHG-GSRM-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA,ACCOLC=255;
- Output

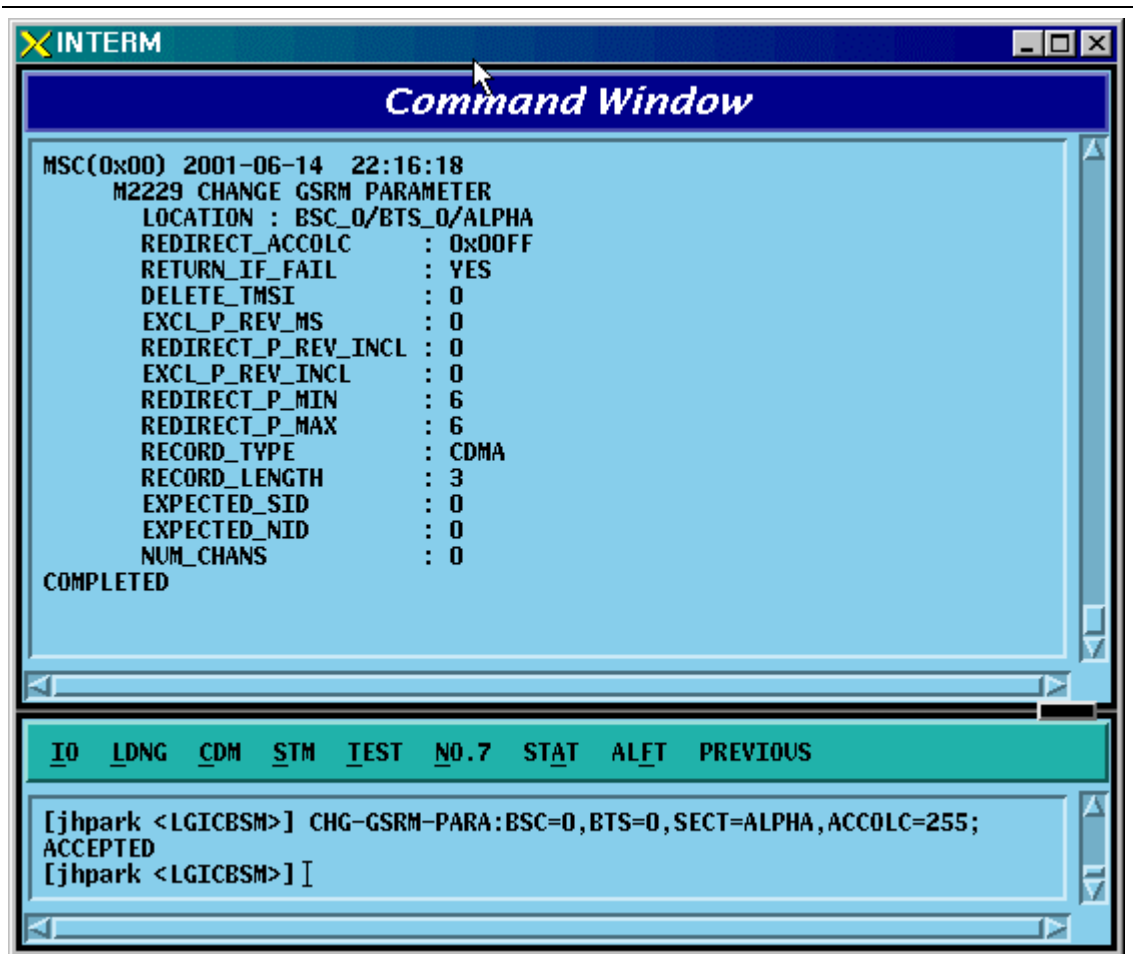


Fig. 4.3-92 PC Global Redirect Parameter Information Change Display

4.3.4.23. ACCESS PARAMETER Change

To change Access Parameter information, click CDM-> Change_Parameter_Information->CHG-ACC-PARA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-ACC-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d ,PC=e
[,NOM_PWR=f] [,INIT_PWR=g] [,PWR_STEP=h] [,NUM_STEP=i]
[,MAX_CAP_SZ=j] [,PAM_SZ=k] [,PSST_09=l] [,PSST_10=m]
[,PSST_11=n] [,PSST_12=o] [,PSST_13=p] [,PSST_14=q]
[,PSST_15=r] [,MSG_PSST=s] [,REG_PSST=t]
[,PRBE_RAN=u] [,ACC_TMO=v] [,PRBE_BKOF=w] [,BKOF=x]
[,MREQ_SEQ=y] [,MRSP_SEQ=z] [,AUTH=] [,RAND=]
[,NOM_PWR_EXT=];
- Input CHG-ACC-PARA :BSC=0 ,BTS=0,SECT=ALPHA ,CDMACH=0 ,PC=0
[,NOM_PWR=7];
- Output

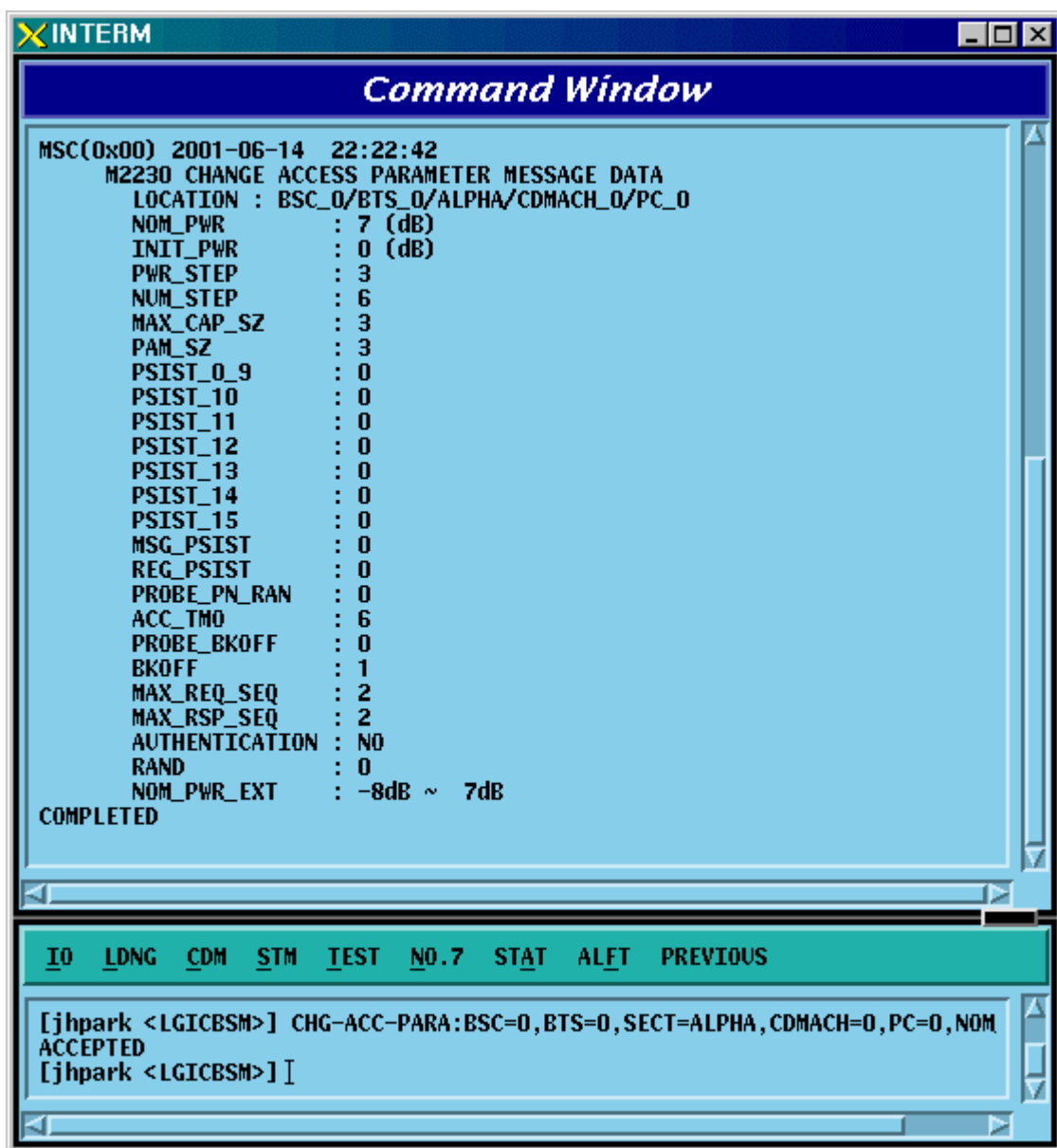


Fig. 4.3-93 Access Parameter Information Change Display

4.3.4.24. PAGING CHANNEL Parameter Information Change

To change Paging Channel Parameter information, click CDM-> Change_Parameter_Information->CHG-PC-PARA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-PC-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d ,PC=e
[,PC_GAIN=f] [,FRM_DUR=g] [,DATA_RATE=h];
- Input CHG-PC-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA ,CDMACH=0 ,PC=0
,PC_GAIN=255;
- Output

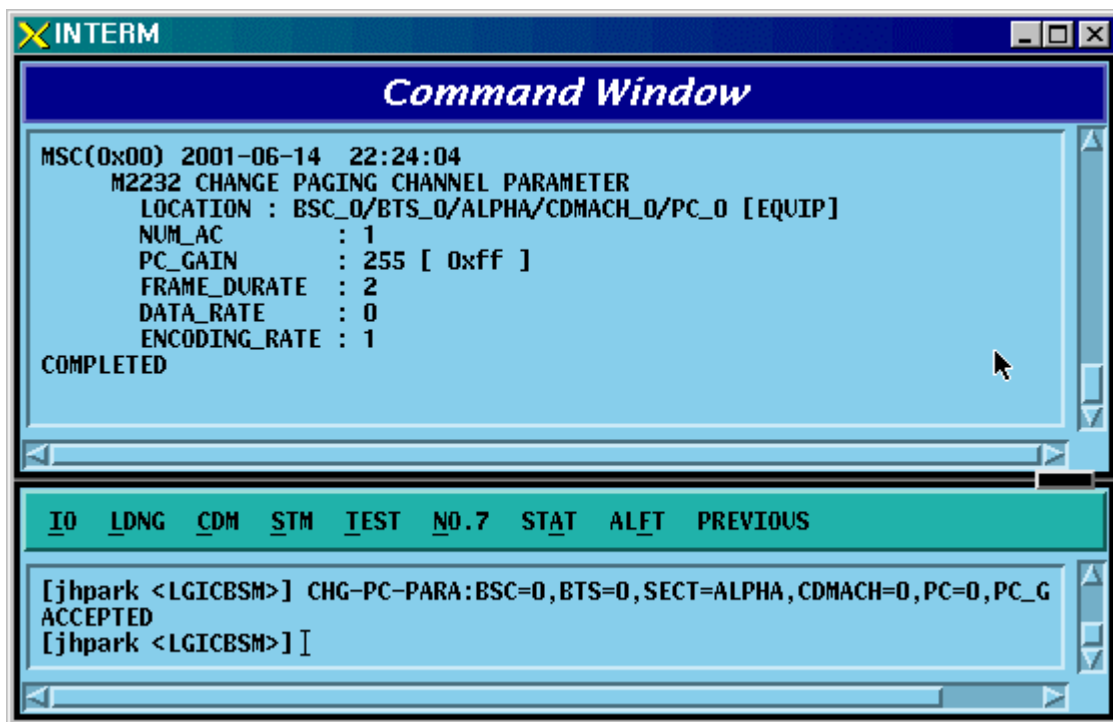


Fig. 4.3-94 Paging Channel Parameter Information Display

4.3.4.25. PILOT CHANNEL Parameter Information Change

To change Pilot Channel Parameter information, click CDM-> Change_Parameter_Information->CHG-PICH-PARA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-PICH-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d [,PLOT_GAIN=e] [,PLOT_TD_GAIN=f];
- Input CHG-PICH-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA , CDMACH=0,PLOT_GAIN=255;
- Output

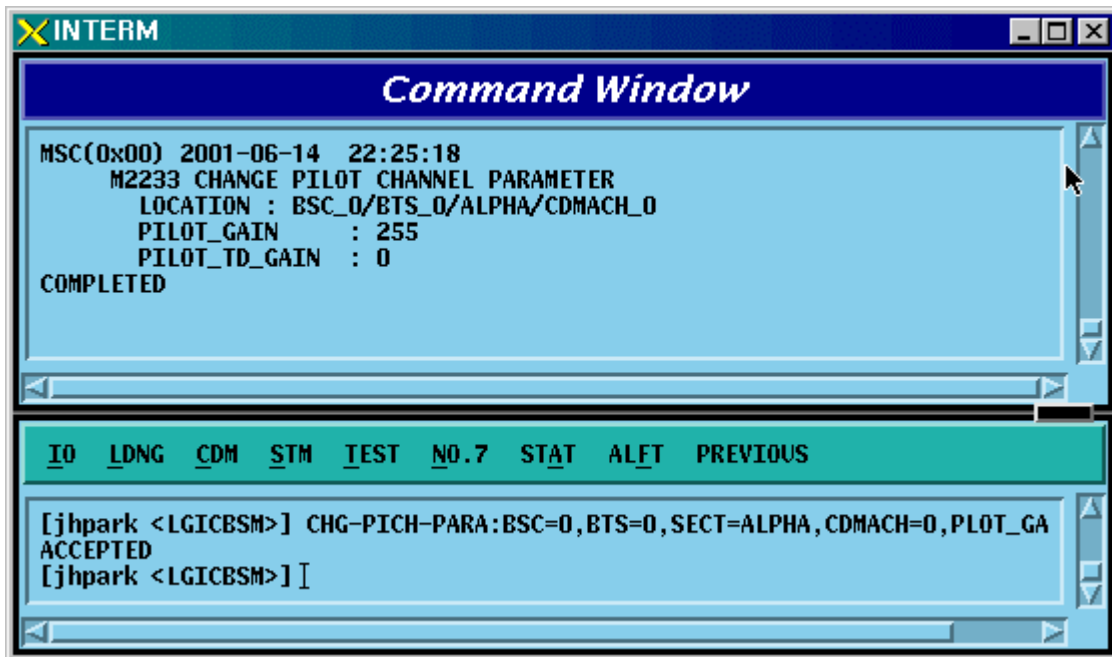


Fig. 4.3-95 Pilot Channel Parameter Information Change Display

4.3.4.26. SYNC CHANNEL Parameter Information Change

To change Sync. Channel Parameter information, click CDM-> Change_Parameter_Information->CHG-SC-PARA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-SC-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d [,SC_GAIN=e];
- Input CHG-SC-PARA :BSC=0 ,BTS=b ,SECT=ALPHA ,CDMACH=0,SC_GAIN=255;
- Output

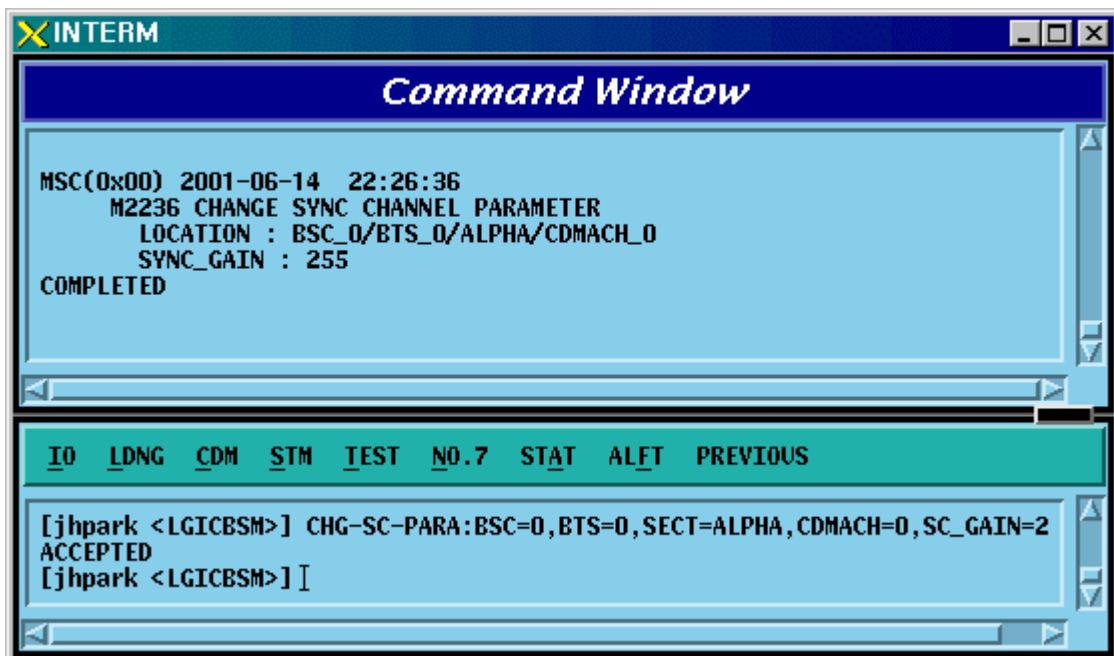


Fig. 4.3-96 Sync Channel Parameter Information Change Display

4.3.4.27. QUICK PAGING CHANNEL Parameter Information Change

To change Quick Paging Channel Parameter information, click CDM-> Change_Parameter_Information->CHG-QPC-PARA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-QPC-PARA :BSC=a ,BTS=b ,SECT=c ,CDMACH=d ,QPCH_ID=e
[,FRAME_DUR=f] [,DATA_RATE=g];
- Input CHG-QPC-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA ,CDMACH=0 ,QPCH_ID=0
,FRAME_DUR=255;
- Output

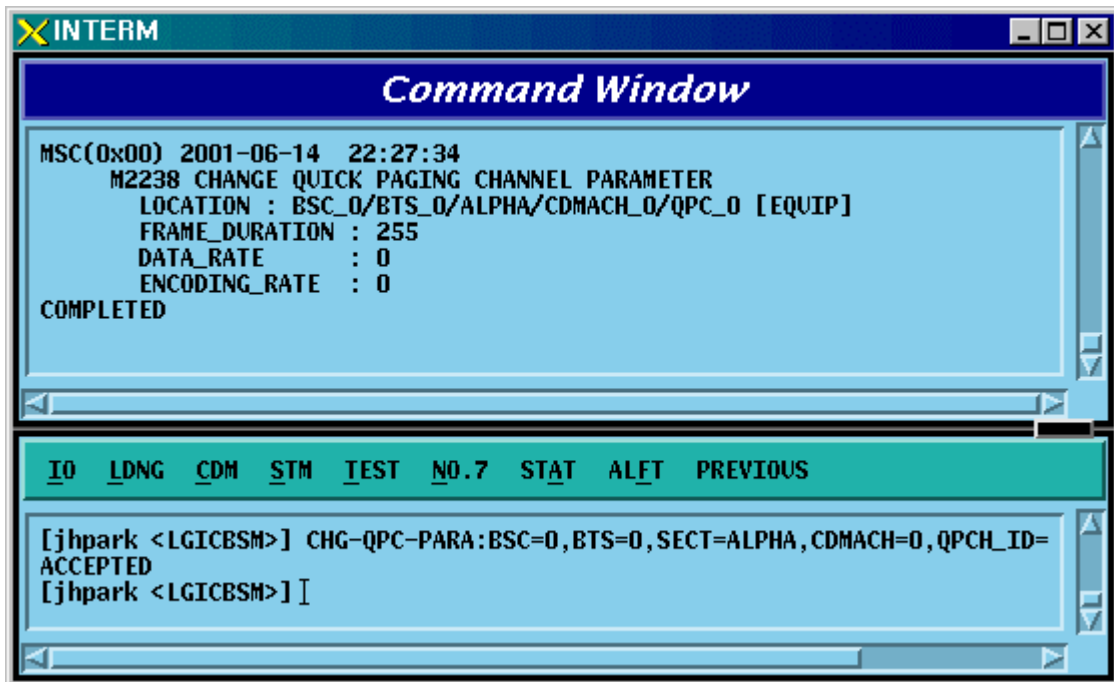


Fig. 4.3-97 Quick Paging Channel Parameter Information Change Display

4.3.4.28. HOPPING PILOT BEACON CHANNEL Parameter Information Change

To change Hopping Pilot Beacon Channel Parameter information, click CDM->Change_ Parameter_Information->CHG-BCON-PARA on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command CHG-BCON-PARA :BSC=a ,BTS=b ,SECT=c [,PILOT_GAIN=d] [,NUM_CDMA_CH=e] [,CDMA_FREQ1=f] [,CDMA_FREQ2=g] [,CDMA_FREQ3=h] [,CDMA_FREQ4=i] [,CDMA_FREQ5=j] [,CDMA_FREQ6=k] [,CDMA_FREQ7=l] [,CDMA_FREQ8=m] [,CDMA_FREQ9=n] [,CDMA_FREQ10=o] [,CDMA_FREQ11=p] [,CDMA_FREQ12=q];
- Input CHG-BCON-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA ,PILOT_GAIN=255;

- Output

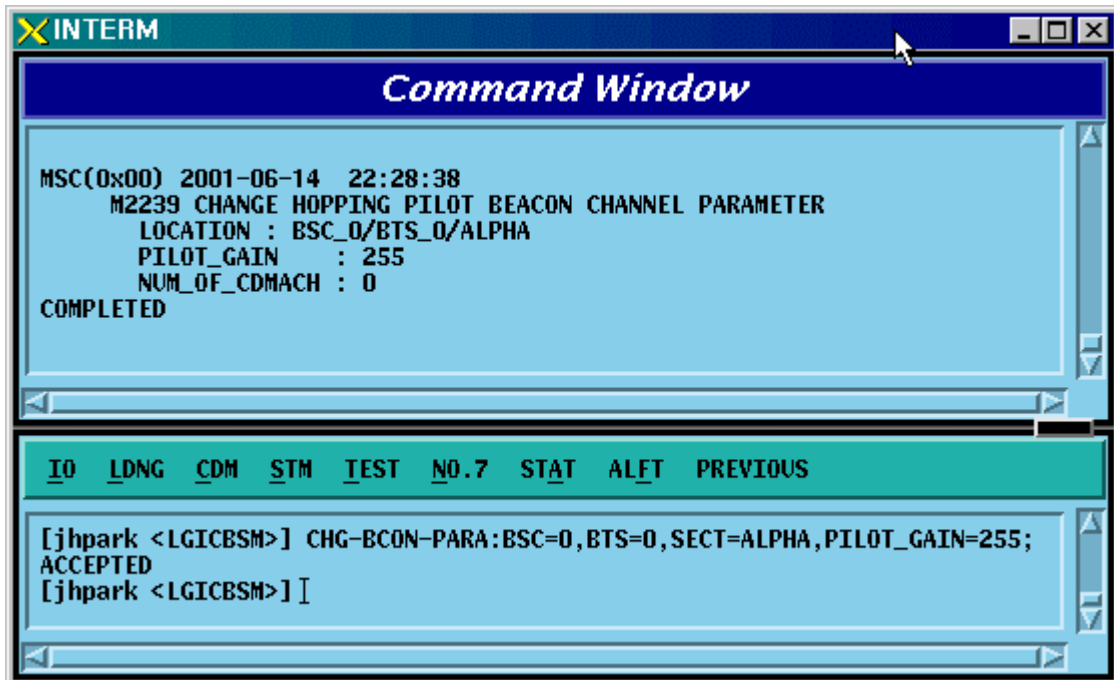


Fig. 4.3-98 Hopping Pilot Beacon Channel Parameter Information Change Display

4.3.4.29. CDMA Channel FA Test Start

To start the CDMA Channel FA test, click CDM-> Change_ Parameter_Information->STRT-FA-TEST on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command STRT-FA-TEST :BSC=a ,BTS=b ,FA=c;
- Input STRT-FA-TEST :BSC=0 ,BTS=0 ,FA=0;
- Output

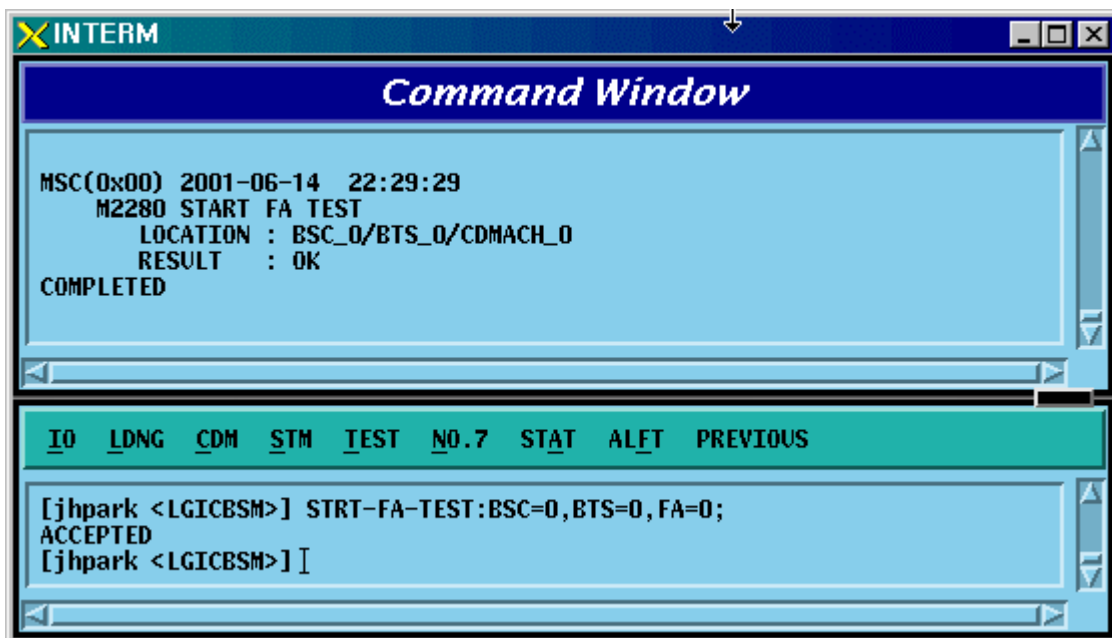


Fig. 4.3-99 CDMA Channel FA Test Start Display

4.3.4.30. Termination of CDMA Channel FA Test

To stop the CDMA Channel FA test, click CDM-> Change_ Parameter_Information->STOP-FA-TEST on the Command Window in order. If the next input window is displayed, then input the value to be changed.

- Command STOP-FA-TEST :BSC=a ,BTS=b ,FA=c;
- Input STOP-FA-TEST :BSC=0,BTS=0 ,FA=0;

- Output

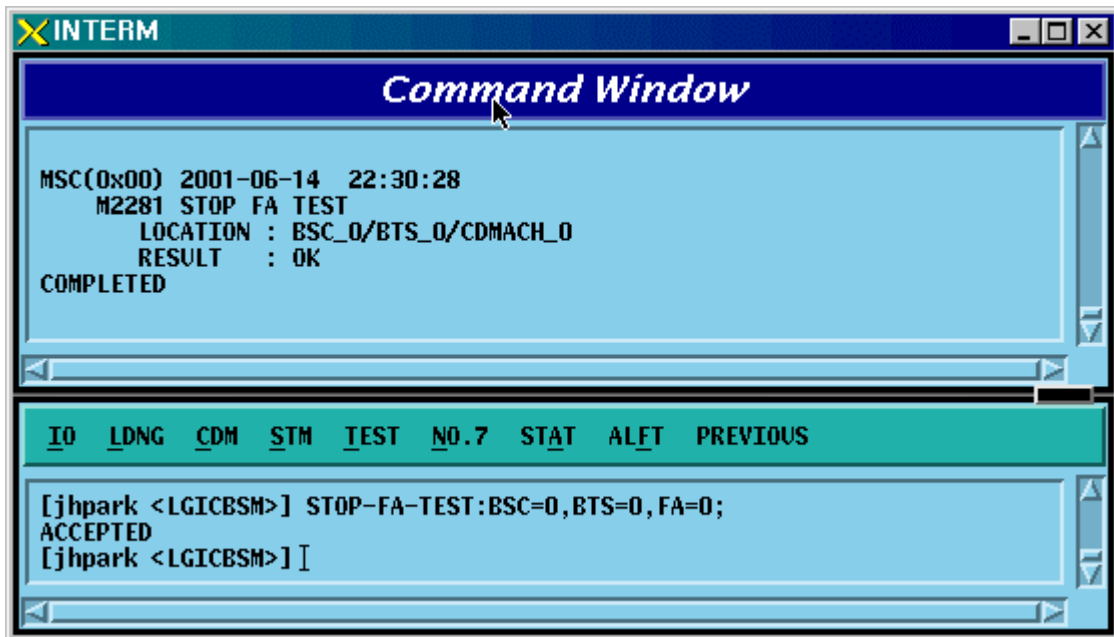


Fig. 4.3-100 CDMA Channel FA Test Termination Display

4.3.5. Parameter Information Change Command (Change_Parameter_Information_2)

This section describes commands that are used to change the parameter information that is inquired (required). The command to change parameter information cannot be easily input by the keyboard since input parameter counts are too many. For this reason, this section will skip the command input in text and demonstrate window input by mouse. Upon inputting the command, the part in blue is the parameter that the user can change and the user can change part or entire fields among them. For more information on parameters for each command, refer to the test procedures.

Table 4.3-2 Parameter Information Change Command (2) List

CRN	MMC	Description
2240	CHG-DORM-DATA	Dormant Timer Change
2241	CHG-PKZN-DATA	PACKET ZONE DATA Change
2243	CHG-FAC-TIMER	FACILITIES MANAGEMENT TIMER Change
2244	CHG-HO-TIMER	HANDOFF TIMER Change
2245	CHG-SUP-TIMER	BSC SUPPLEMENT SERVICES TIMER Change
2246	CHG-CALL-TIMER	BSC CALL PROCESSING TIMER Change
2247	CHG-MOB-TIMER	BSC MOBILITY MANAGEMENT TIMER Change
2248	CHG-A89-TIMER	A8 A9 INTERFACE TIMER Change
2249	CHG-A37-TIMER	A3, A7 INTERFACE TIMER Change
2250	CHG-RS1-FWDP	Forward Link Power Management Information (RS1) change
2251	CHG-RS1-REVP	Backward (or Reverse) Link Power Management Information (RS1) change
2255	CHG-RS2-FWDP	Forward Link Power Management Information (RS2) change
2256	CHG-RS2-REVP	Backward (or Reverse) Link Power Management Information (RS2) change
2257	CHG-FER-PARA	Service Option FER Change
2261	CHG-MAHO-DATA	MAHHO DATA change
2262	CHG-LOC-PARA	LOCATION PARA information change
2263	CHG-SCH-PARA	SCH parameter information change
2265	CHG-PWR1-CTRL	POWER CONTROL parameter information (1) change

2266	CHG-PWR2-CTRL	POWER CONTROL parameter information (2) change
2267	CHG-PWR3-CTRL	POWER CONTROL parameter information (3) change
2271	CHG-BTS-NAME	BTS name change
2292	CHG-PCF-TIMER	PCF TIMER change
2294	CHG-PCP-ADDR	PCP/PMP ADDRESS change
2295	CHG-PIP-ADDR	PIP ADDRESS change
2296	CHG-PCF-PARA	PCF PARAMETER change

4.3.5.1. Dormant Timer Change

To change Dormant Timer, click CDM->Change_Parameter_ Information_2-> **CHG-DORM-DATA** on the Command Window in order. Input the value to be changed in each field.

- Command CHG-DORM-DATA :BSC=a [,DORMANT_T=b] [,INACTIVE_T=c] [,BAND_FRAME_T=d] [,BAND_CLASS=e] ;

- Input CHG-DORM-DATA :BSC=0,DORMANT_T=255;

- Command

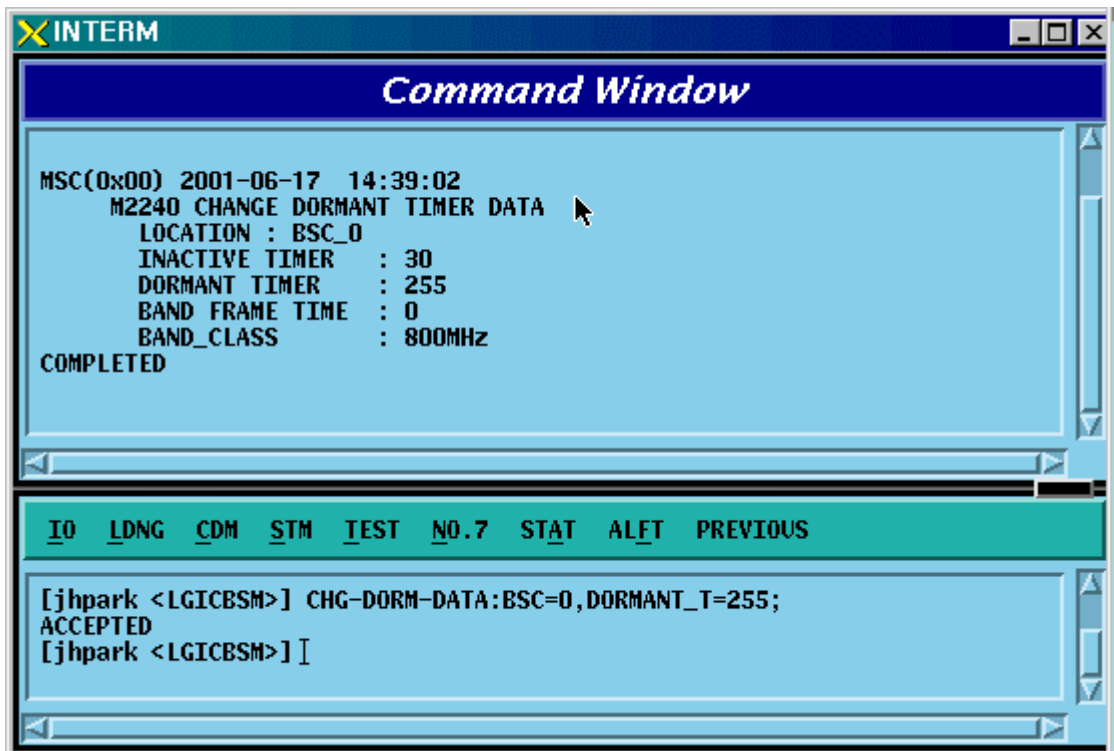


Fig. 4.3-101 Dormant Timer Change Display

4.3.5.2. PACKET ZONE DATA Change

To change PACKET ZONE DATA, click CDM->Change_Parameter_ Information_2->CHG-PKZN-DATA on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-PKZN-DATA :BSC=a [,PKT_ZONE=b] [,PCP_ID=c];
- Input CHG-PKZN-DATA :BSC=0,PKT_ZONE=255;
- Output

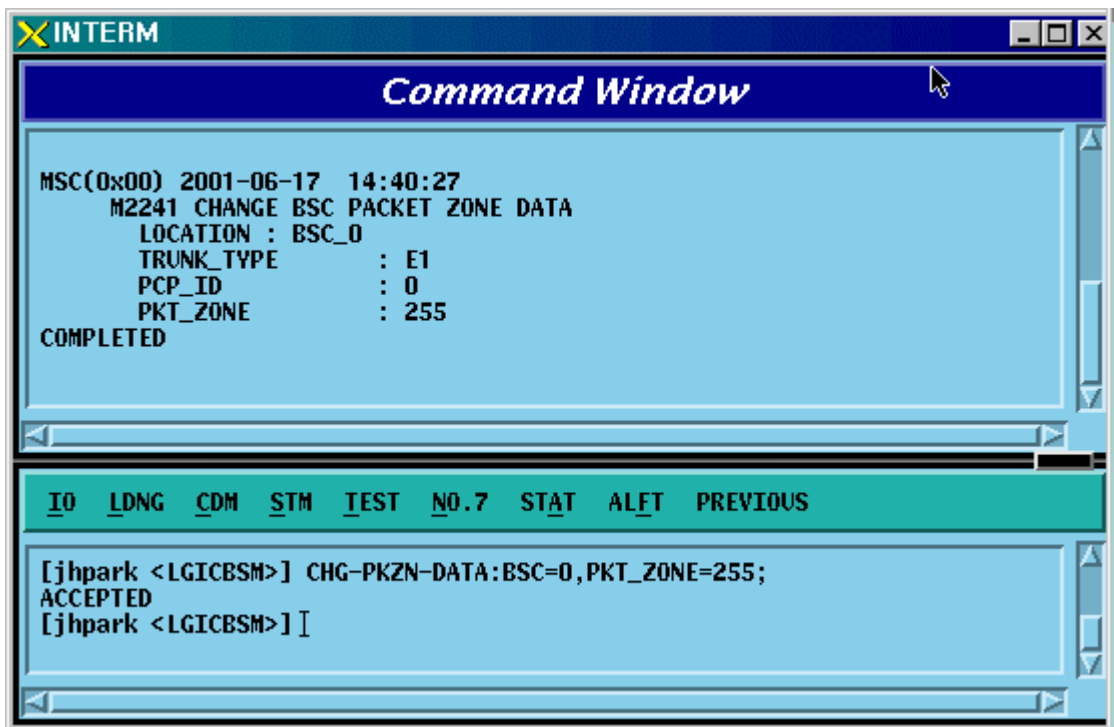


Fig. 4.3-102 Packet Zone Data Change Display

4.3.5.3. FACILITIES MANAGEMENT TIMER Change

To change FACILITIES MANAGEMENT TIMER, click CDM->Change_Parameter_Information_2-> **CHG-FAC-TIMER** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-FAC-TIMER :BSC=a [,T1=b] [,T2=c] [,T4=d] [,T5=e] [,T6=f] [,T12=g] [,T13=h] [,T16=i] [,T309=j];
- Input CHG-FAC-TIMER :BSC=0,T1=255;
- Output

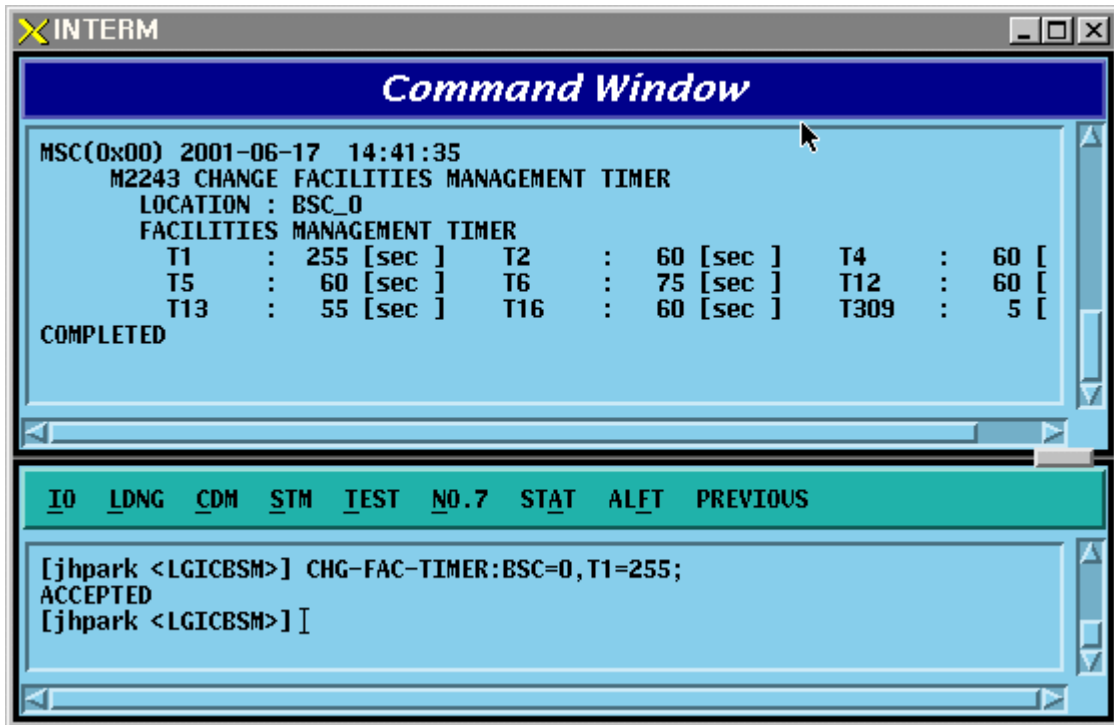


Fig. 4.3-103 Facilities Management Timer Change Display

4.3.5.4. HANDOFF TIMER Change

To change HANDOFF TIMER, click CDM->Change_Parameter_Information_2-> CHG-HO-TIMER on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-HO-TIMER :BSC=a [,T7=b] [,T9=c] [,T10=d] [,T50=e] [,T52=f] [,T777=g] [,T778=h] [,T787=i] [,T789=j] [,T790=k];
- Input CHG-HO-TIMER :BSC=0,T7=255;

- Output

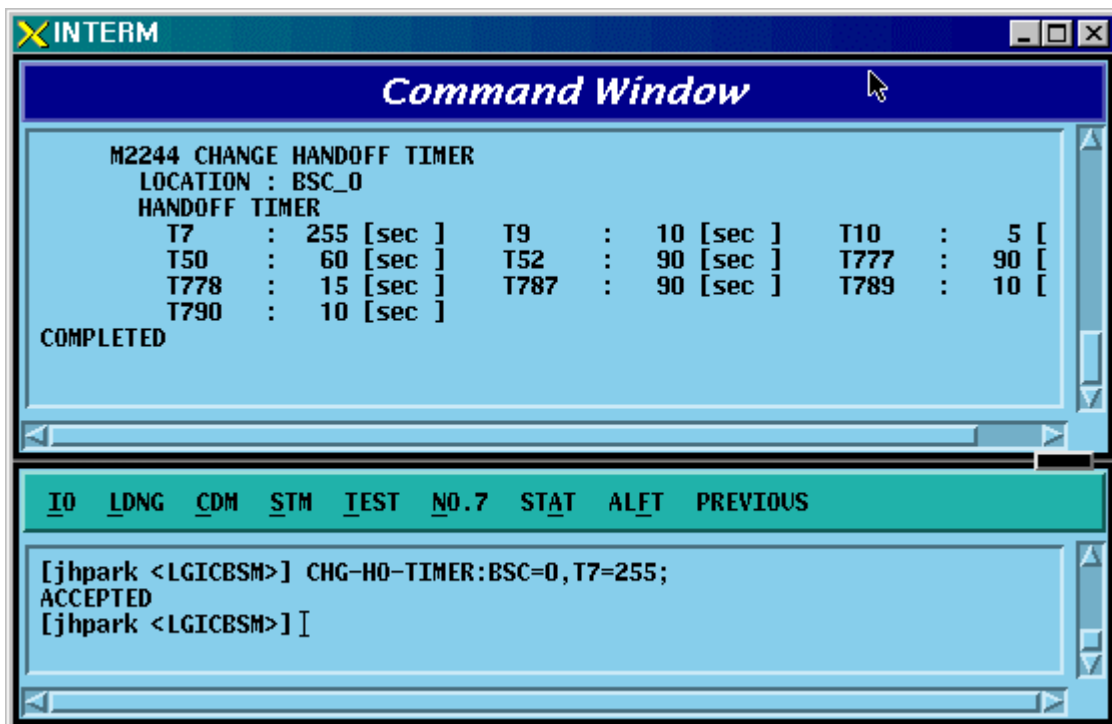


FIG 4.3-104 Handoff Timer Change Display

4.3.5.5. BSC SUPPLEMENT SERVICES TIMER Change

To change BSC SUPPLEMENT SERVICES TIMER, click CDM->Change_Parameter_Information_2-> **CHG-SUP-TIMER** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-SUP-TIMER :BSC=a [,T60=b] [,T61=c] [,T62=d] [,T63=e] ;
- Input CHG-SUP-TIMER :BSC=0,T60=99;
- Output

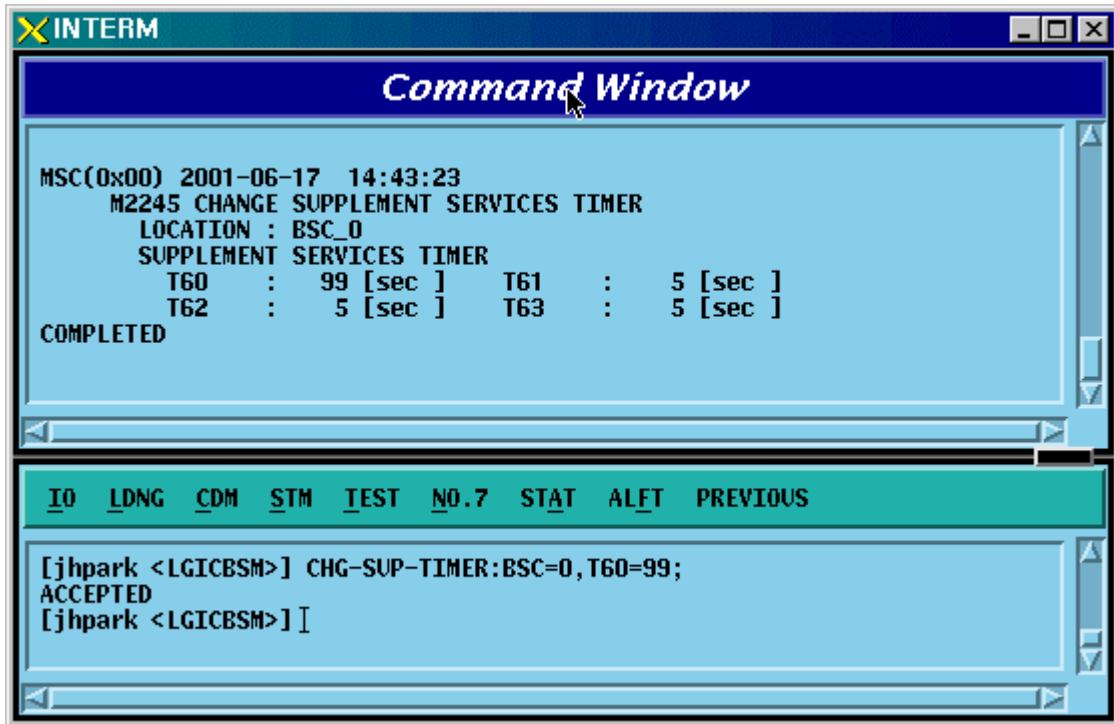


Fig. 4.3-105 BSC Supplement Services Timer Change Display

4.3.5.6. BSC CALL PROCESSING TIMER Change

To change BSC CALL PROCESSING TIMER, click CDM->Change_Parameter_Information_2-> **CHG-CALL-TIMER** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-CALL-TIMER :BSC=a [,T20=b] [,T30=c] [,T40=d] [,T300=e] [,T301=f] [,T302=g] [,T303=h] [,T306=i] [,T307=j] [,T308=k] [,T311=l] [,T312=m] [,T313=n] [,T315=o] [,T316=p] [,T325=q] [,T326=r] [,T3113=s] [,T3230=t] [,T3280=u] [,Tpaca1=v] [,Tpaca2=w];
- Input CHG-CALL-TIMER :BSC=0,T20=99;
- Output

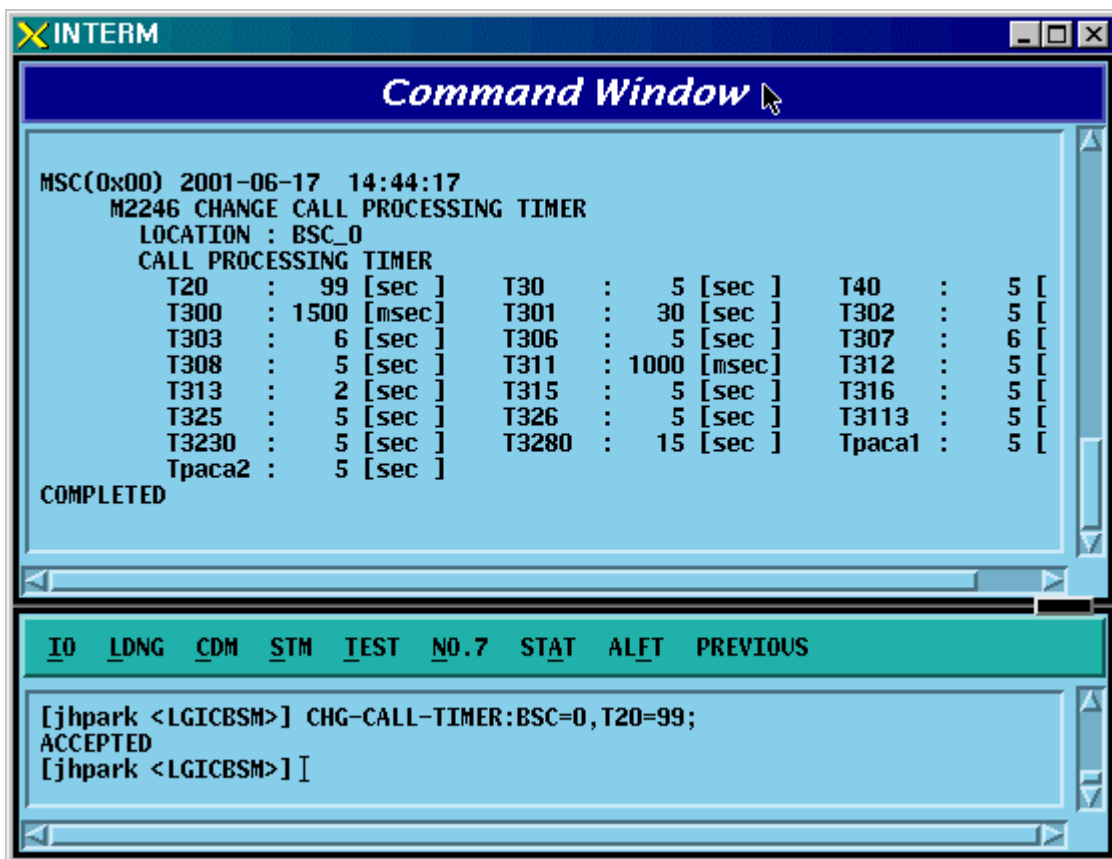


Fig. 4.3-106 BSC Call Processing Timer Change Display

4.3.5.7. BSC MOBILITY MANAGEMENT TIMER Change

To change BSC MOBILITY MANAGEMENT TIMER, click CDM->Change_Parameter_Information_2-> **CHG-MOB-TIMER** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-MOB-TIMER :BSC=a [,T3210=b] [,T3220=c] [,T3240=d] [,T3260=e] [,T3270=f] [,T3271=g] [,T3272=h];
- Input CHG-MOB-TIMER :BSC=0,T3210=99;

- Output

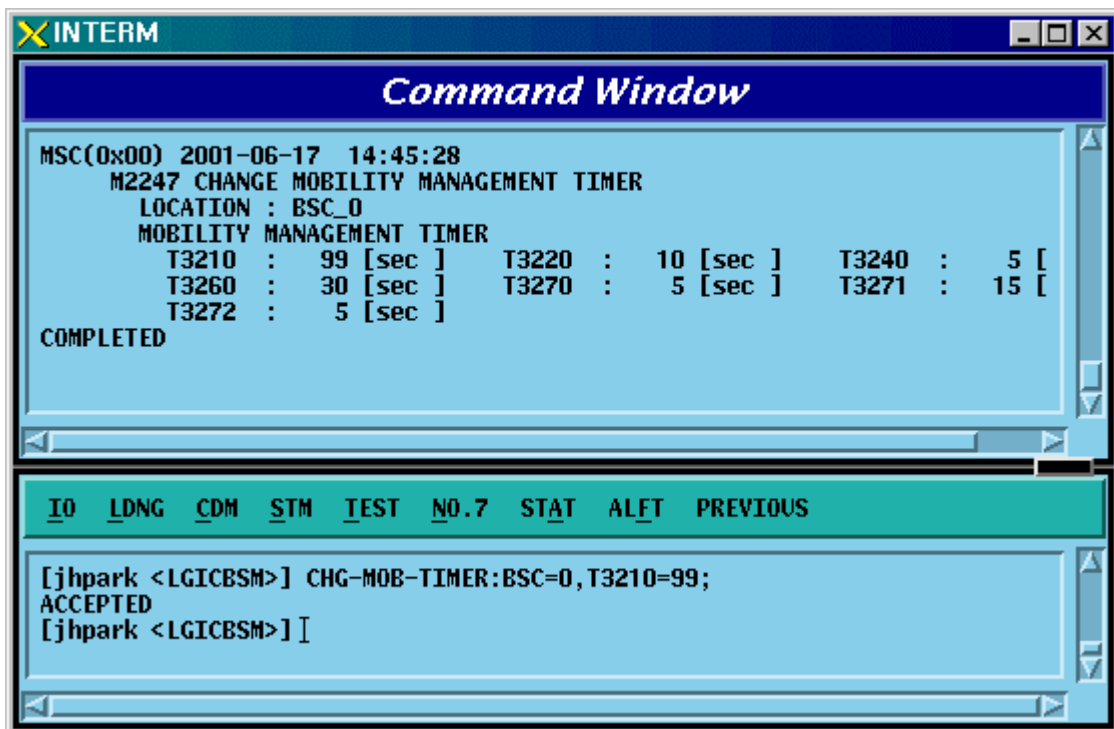


Fig. 4.3-107 BSC Mobility Management Timer Change Display

4.3.5.8. A8 A9 INTERFACE TIMER Change

To change A8 A9 INTERFACE TIMER, click CDM->Change_Parameter_Information_2_2-> CHG-A89-TIMER on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-A89-TIMER :BSC=a [,TA8_SETUP=b] [,Talc9=c] [,Tald9=d] [,Trel9=e];
- Input CHG-A89-TIMER :BSC=0,TA8_SETUP=99;
- Output

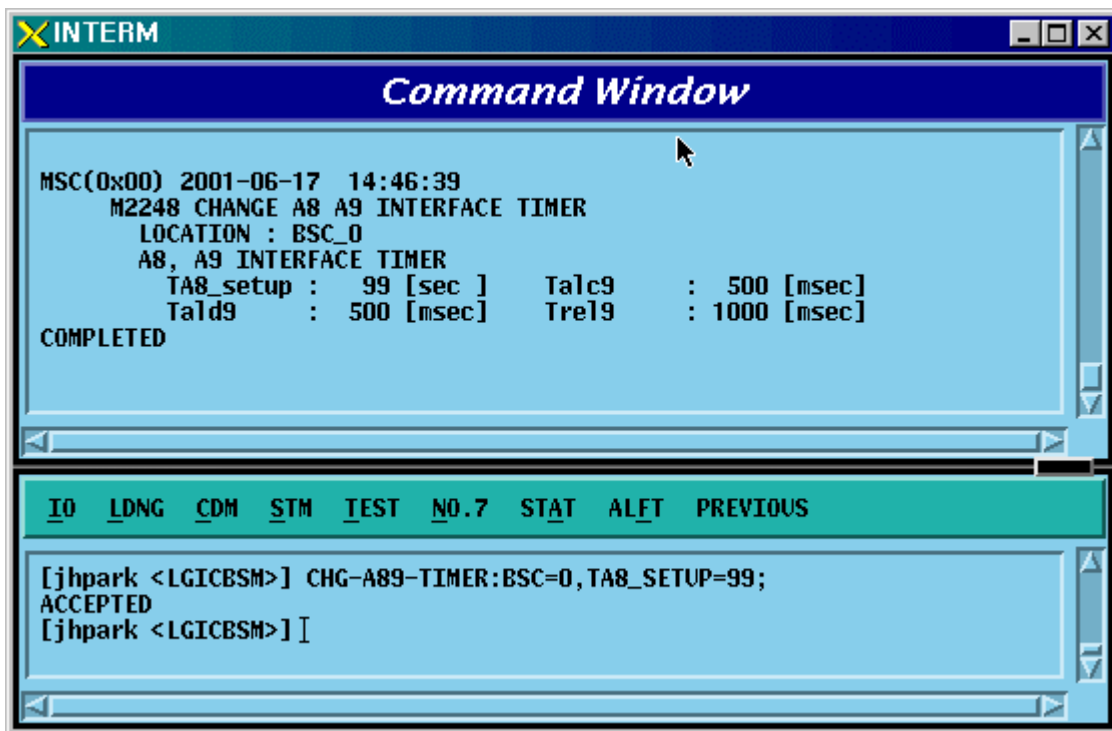


Fig. 4.3-108 A8 A9 INTERFACE TIMER Change

4.3.5.9. A3, A7 INTERFACE TIMER Change

To change A3 A7 INTERFACE TIMER, click CDM->Change_Parameter_Information_2_2-> **CHG-A37-TIMER** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-A37-TIMER :BSC=a [,Tacm=b] [,Tbstact=c] [,Tbscom=d] [,Tchanstat=e] [,Tconn3=f] [,Tdiscon3=g] [,Tdrptgt=h] [,Ttgrmv=i] [,Thoreq=j] [,Tpcm=k] [,Tphysical=l];
- Input CHG-A37-TIMER :BSC=0,Tacm=1000;
- Output

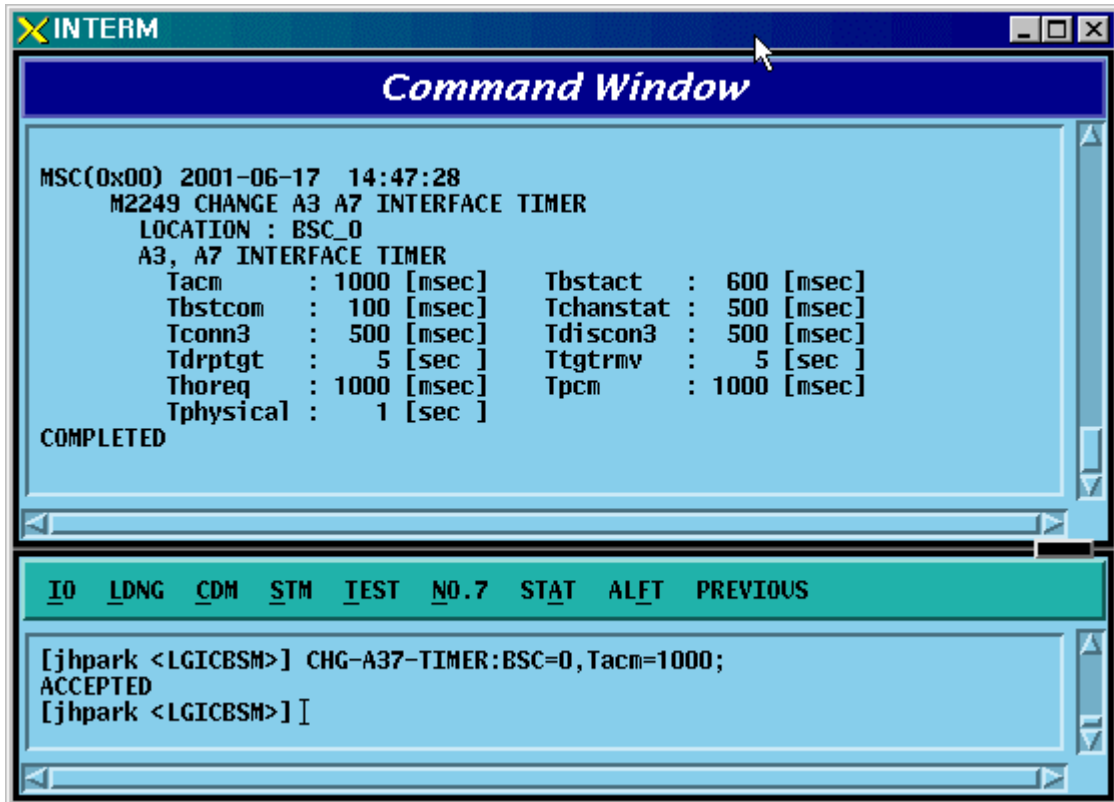


Fig. 4.3-109 A3, A7 INTERFACE TIMER Change

4.3.5.10. Forward Link Power Management Information (RS1) Change

To change forward link power management information (RS1), click CDM->Change_Parameter_Information_2_2-> **CHG-RS1-FWDP** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command `CHG-RS1-FWDP :BSC=a ,BTS=b ,FER=c [,SLOW_TIME=d] [,FAST_TIME=e] [,STEP_FAST=f] [,SLOW_DLTA=g] [,FAST_DLTA=h] [,NOM_GAIN=i] [,MAX_TC_GAIN=j] [,MIN_TC_GAIN=k] [,FER_THRE=l] [,BGUP_DLTA=m] [,SMLL_DLTA=n] [,SIGL_DLTA=o] [,DLTA_GAN1=p] [,DLTA_GAN2=q] [,DLTA_GAN3=r];`
- Input `CHG-RS1-FWDP :BSC=0 ,BTS=0 ,FER=POINT_5,SLOW_TIME=20000;`
- Output

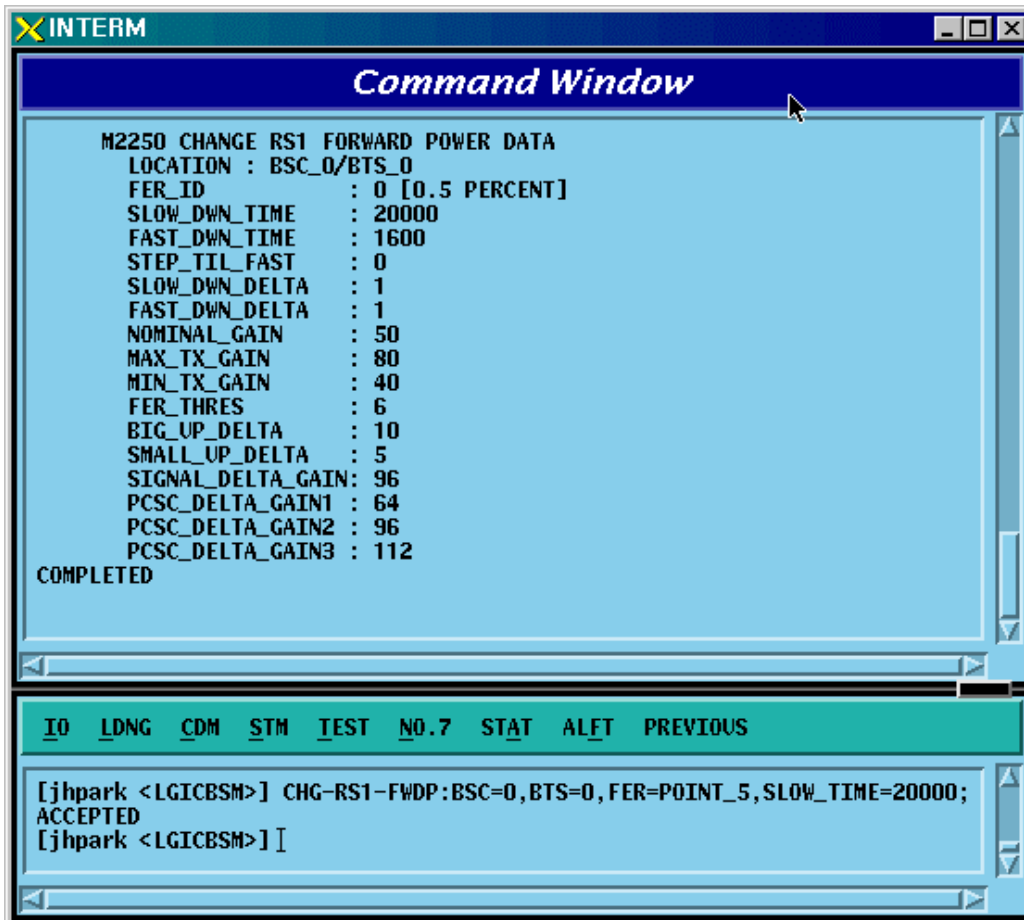


Fig. 4.3-110 Forward Link Power Management Information (RS1) Change

4.3.5.11. Backward Link Power Management Information (RS1) Change

To change Backward link power management information (RS1), click CDM->Change_Parameter_Information_2_2-> **CHG-RS1-REVP** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command `CHG-RS1-REVP :BSC=a ,BTS=b ,FER=c [,PNOM=d] [,PMAx=e] [,PMin=f] [,PUPF=g] [,PFRR=h] [,PUPE=i] [,PUPEL=j] [,PD=k] [,PVD=l] [,PFW=m] [,PERL=n];`
- Input `CHG-RS1-REVP :BSC=0 ,BTS=0 ,FER=POINT_5,PNOM= 255;`
- Output

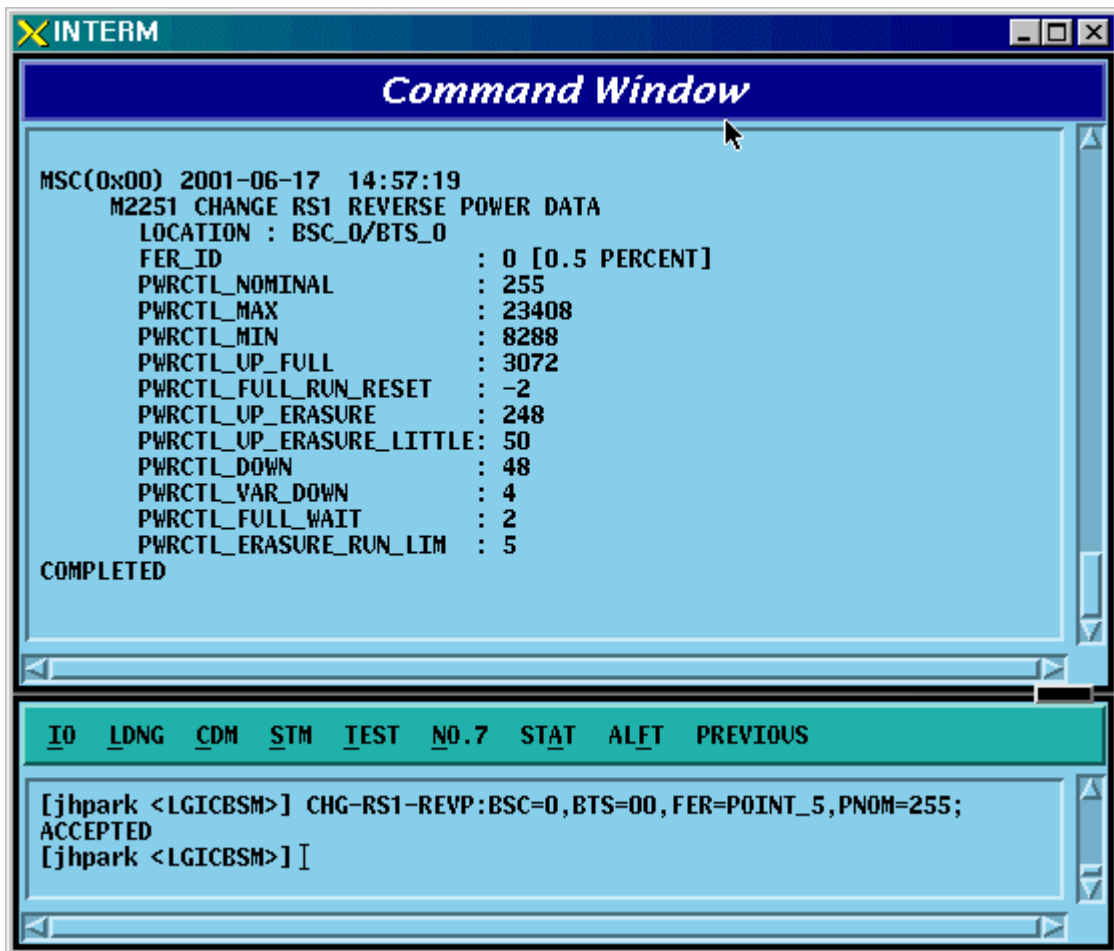


Fig. 4.3-111 Backward Link Power Management Information (RS1) Change

4.3.5.12. Forward Link Power Management Information (RS2) Change

To change Forward link power management information (RS2), click CDM->Change_Parameter_Information_2_2-> **CHG-RS2-FWDP** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-RS2-FWDP :BSC=a ,BTS=b ,FER=c [,IN_DWNT=d] [,MAX_DWNT=e] [,MIN_DWNT=f] [,TDWN_DLT=g] [,TUP_DLT=h] [,STT_THS=i] [,ERA_MSR=j] [,CONT_ERA=k] [,CUMU_ERA=1] [,NOM_GAIN=m] [,MAX_TX_GAIN=n] [,MIN_TX_GAIN=o] [,GAIN_DWN=p] [,BIG_UP=q] [,SMALL_UP=r] [,SIGL_DLT=s] [,DLT_GAN1=t] [,DLT_GAN2=u] [,DLT_GAN3=v];

- Input CHG-RS2-FWDP :BSC=0 ,BTS=0 ,FER=POINT_5,IN_DWNT=255;

- Output

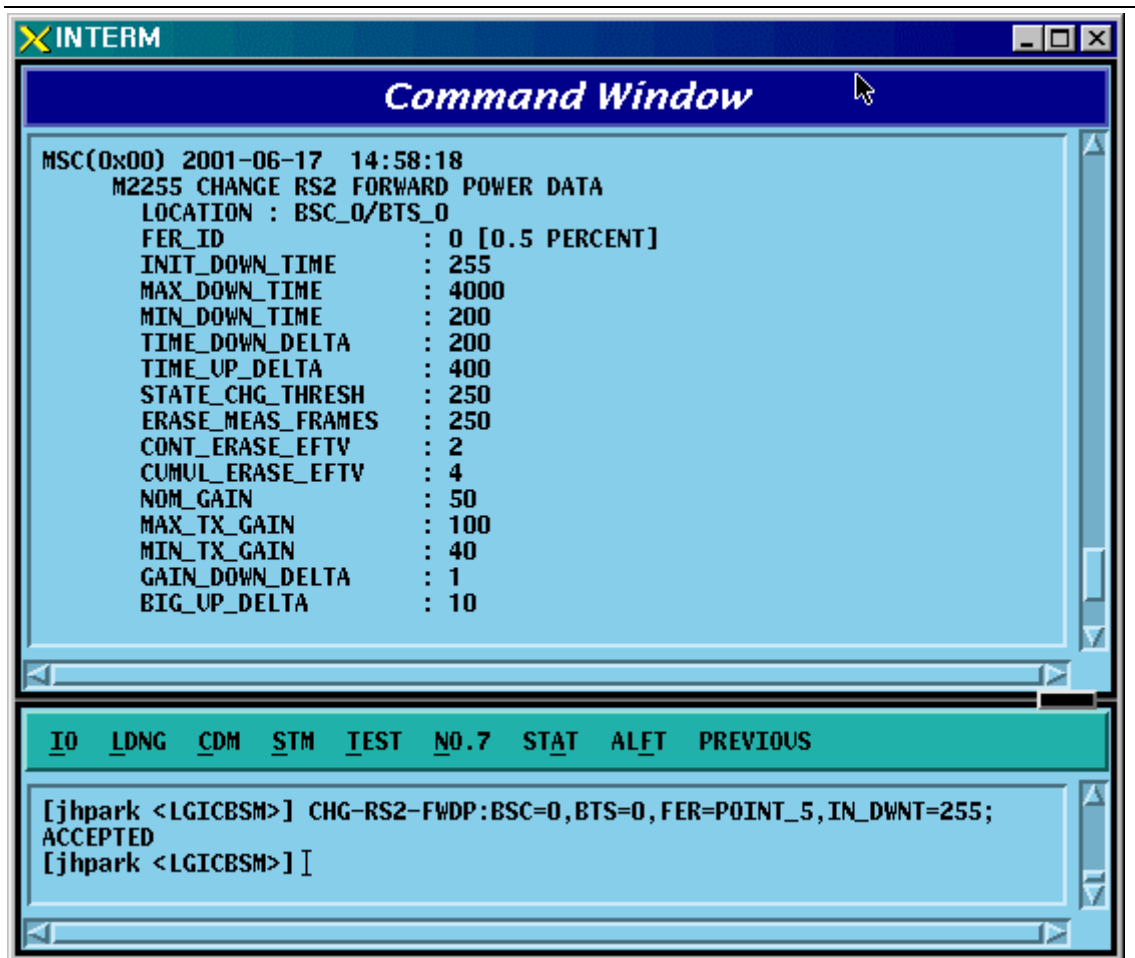


Fig. 4.3-112 Forward Link Power Management Information (RS2) Change

4.3.5.13. Backward Link Power Management Information (RS2) Change

To change Backward link power management information (RS2), click CDM->Change_Parameter_Information_2_2-> **CHG-RS2-REVP** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-RS2-REVP :BSC=a ,BTS=b ,FER=c [,PNOM=d] [,PMAx=e] [,PMin=f] [,RBUD=g] [,RSUD=h] [,RNEW=i] [,RMAXDD=j] [,RMINDD=k] [,RDDIS=l] [,RCONTEE=m] [,RCUMULEE=n] [,REMF=o] [,RSCT=p];
- Input CHG-RS2-REVP :BSC=0 ,BTS=0 ,FER=POINT_5,PNOM=255;
- Output

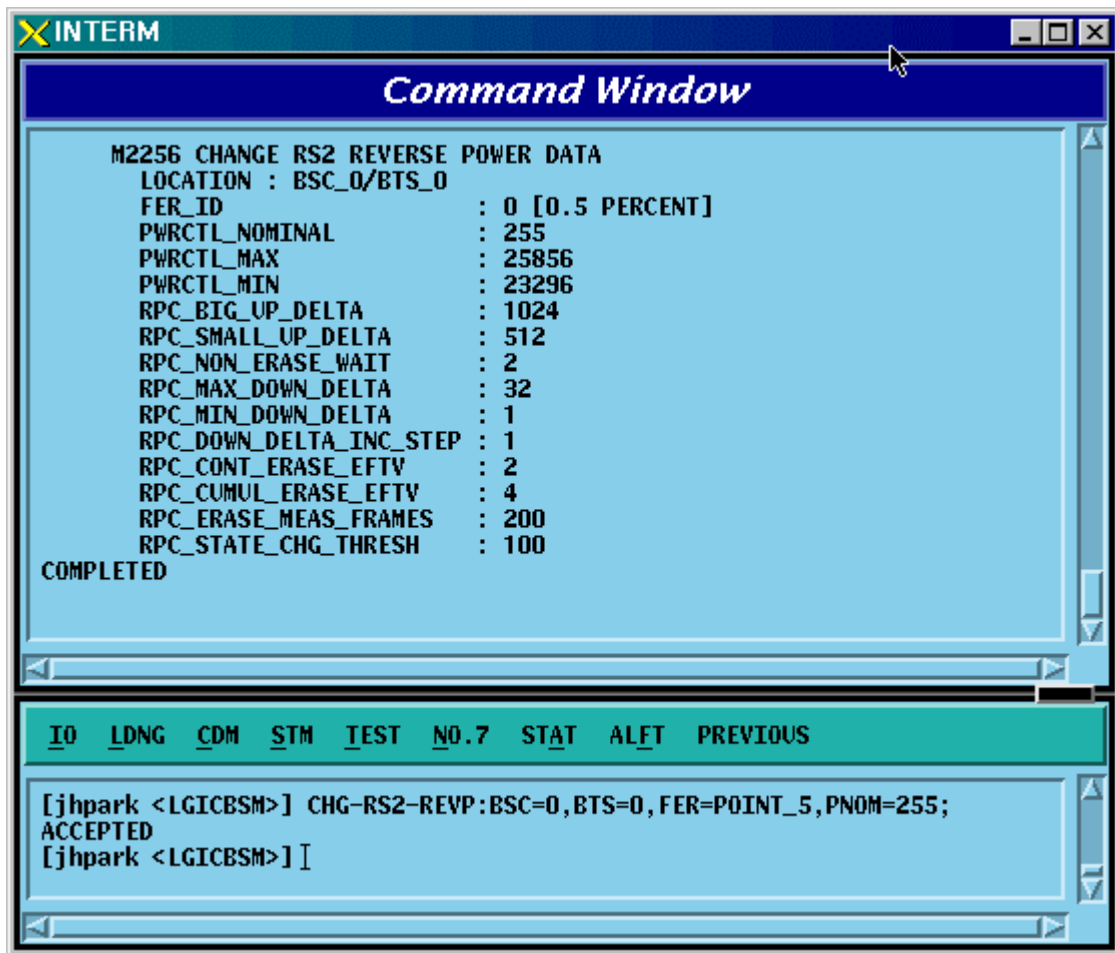


Fig. 4.3-113 Backward Link Power Management Information (RS2) Change

4.3.5.14. Service Option FER Change

To change Service Option FER, click CDM->Change_Parameter_ Information_2_2->CHG-FER-PARA on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-FER-DATA :BSC=a [,VOICE_8K=b] [,LOOPBK_8K=c] [,EVRC=d] [,ASYNC=e] [,G3FAX=f] [,SMS=g] [,PPP_PKT=h] [,CDPP_PKT=i] [,LOOPBK_13K=j] [,STU_TR=k] [,STU_NTR=l] [,ASYNC_13K=m] [,G3FAX_13K=n] [,SMS_13K=o] [,VOICE_13K=p] [,IS96_VOICE=q] [,MARKOV_8K=r] [,DATA=s] [,IS96A_1BY8=t] [,MARKOV_13K=u] [,WLL_OFFHOOK=v] [,RS1_MARKOV=w] [,RS2_MARKOV=x] [,FCH=y] [,SCH=z] [,DCCH=] [,SCH_LB=] [,SCH_LB2=];

- Input CHG-FER-DATA :BSC=0,VOICE_8K=P_5;

- Output

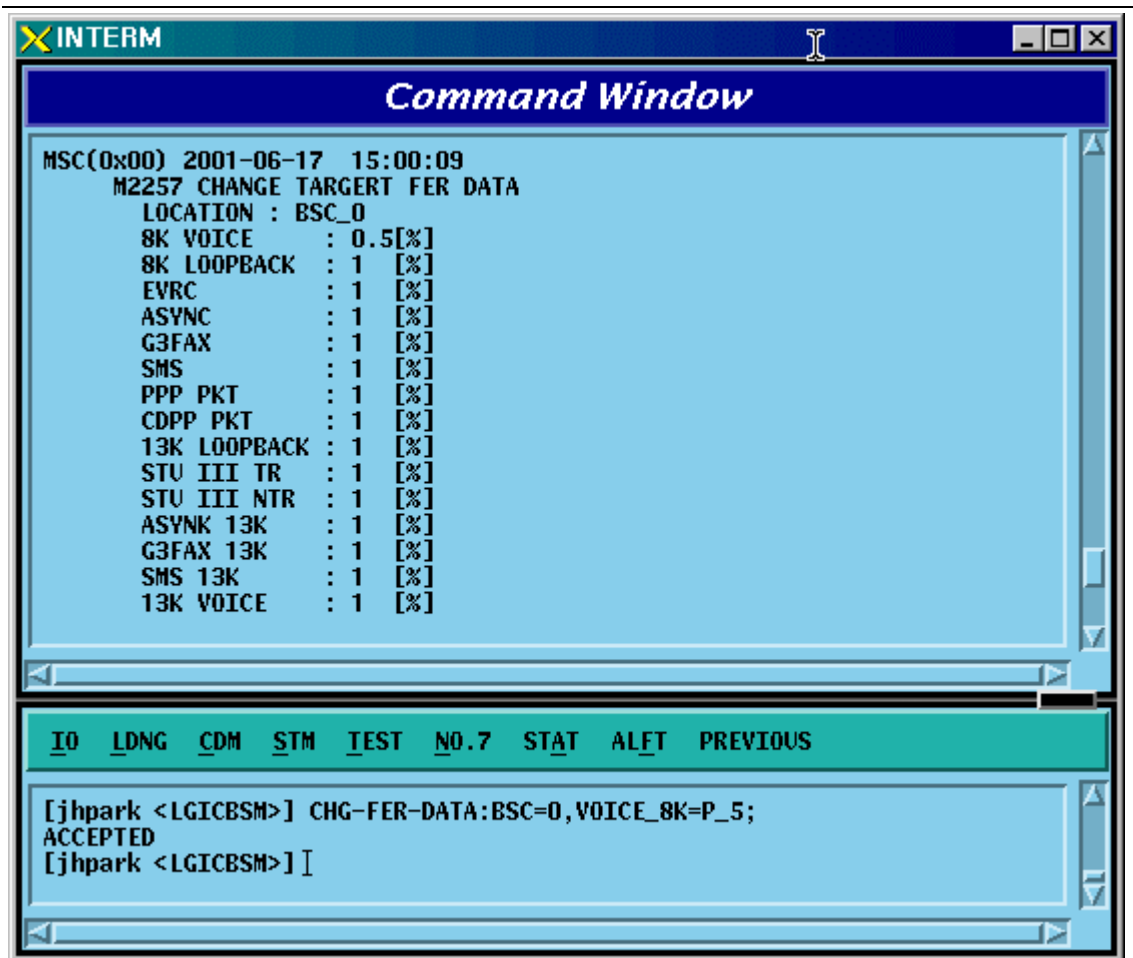


Fig. 4.3-114 Service Option FER Change

4.3.5.15. MAHHO DATA Change

To change MAHHO DATA, click the CDM->Change_Parameter_ Information_2->CHG-MAHO-DATA on the Command Window in order. Input the value to be changed in each file as shown below.

- Command CHG-MAHO-DATA :BSC=a ,BTS=b ,SECT=c [,BORDER_FLAG=d] [,BD_CLS=e] [,NUM_CHAN=f] [,CDMA_FREQ0=g] [,CDMA_FREQ1=h] [,CDMA_FREQ2=i] [,CDMA_FREQ3=j] [,CDMA_FREQ4=k] [,CDMA_FREQ5=l] [,CDMA_FREQ6=m] [,CDMA_FREQ7=n] [,CDMA_FREQ8=o] [,CDMA_FREQ9=p] [,CDMA_FREQ10=q] [,CDMA_FREQ11=r] [,STET=s] [,STEIT=t] [,DRPT=u] [,MIN_TOT=v] [,CF_T_ADD=w] [,TF_WAIT_TIME=x] [,SRCH_N=y] [,SRCH_R=z];
- Input CHG-MAHO-DATA :BSC=0 ,BTS=0 ,SECT=ALPHA,BORDER_FLAG=ON;
- Output

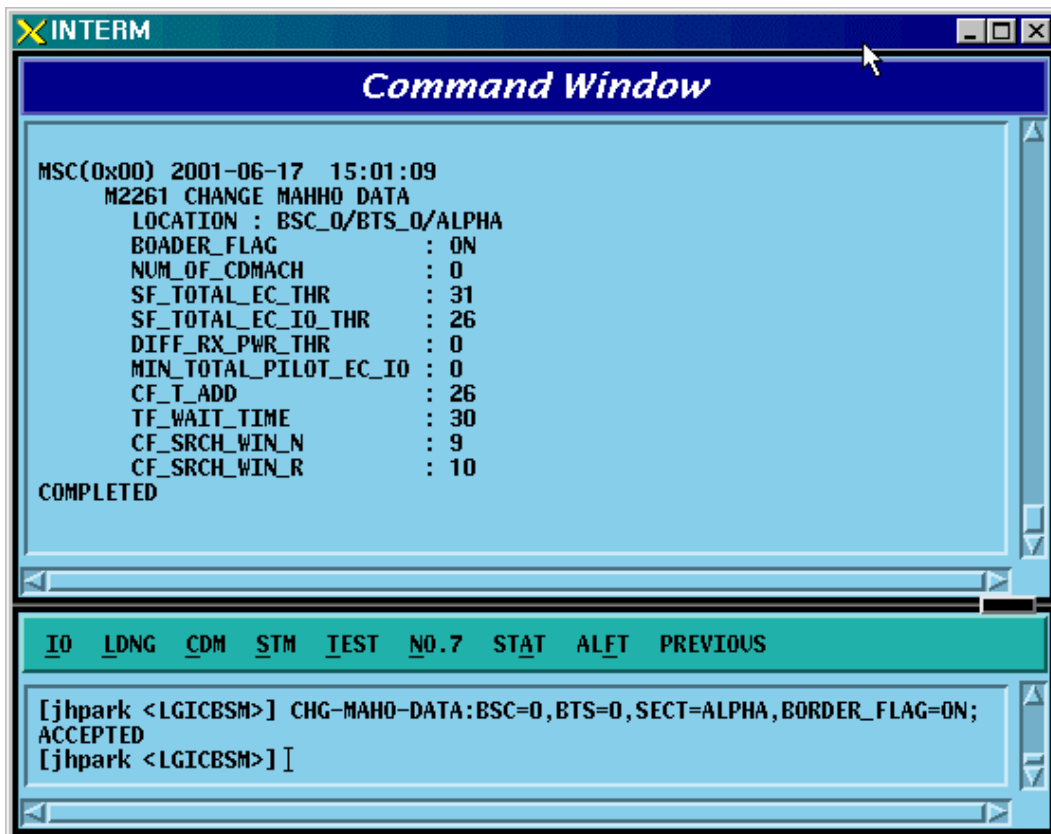


Fig. 4.3-115 MAHHO DATA Change

4.3.5.16. LOCATION PARA Information Change

To change LOCATION PARA information, click CDM->Change_Parameter_Information_2-> CHG-LOC-PARA on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-LOC-PARA :BSC=a ,BTS=b ,SECT=c [,ACT_T_FRM=d] [,PUF_ST_SZ=e][,PUF_P_SZ=f] [,PUF_INTERVAL=g] [,PUF_I_PWR=h] [,PUF_P_STEP=i] [,TOT_PUF_P=j] [,MAX_PWR_PUF=k];
- Input CHG-LOC-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA,ACT_T_FRM=ON;
- Output

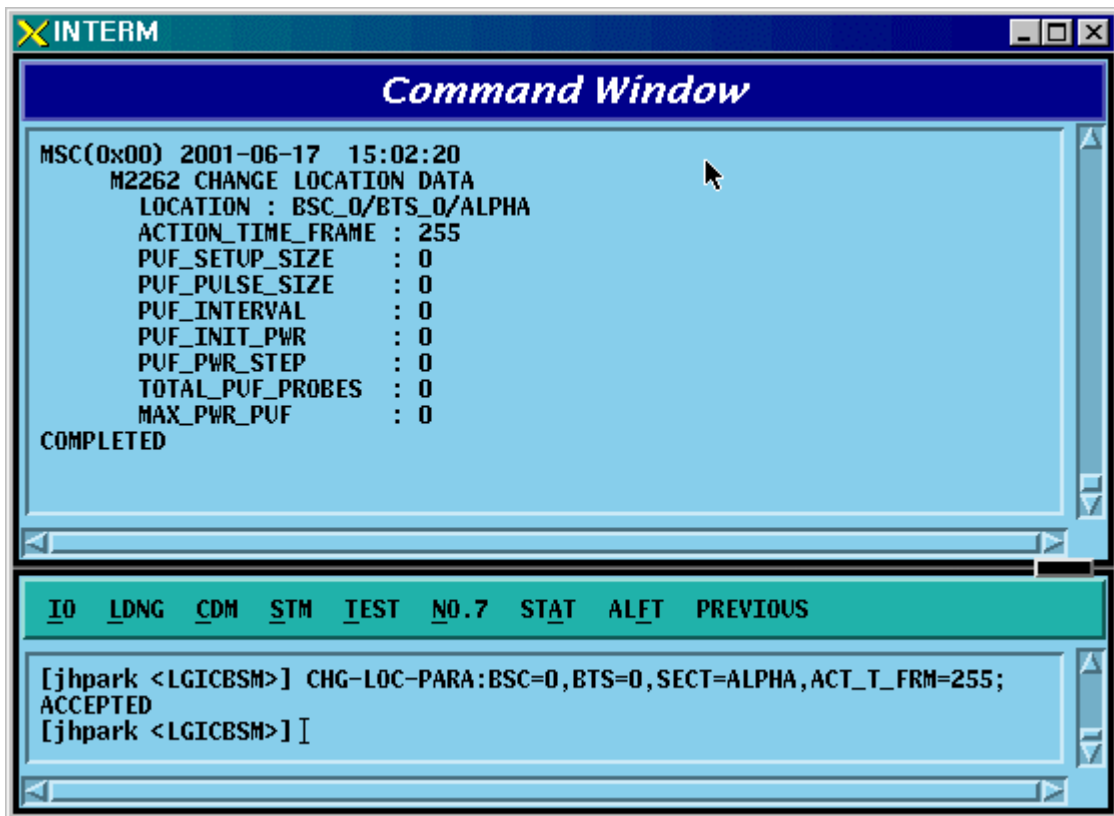


Fig. 4.3-116 LOCATION PARA Information Change

4.3.5.17. SCH Parameter Information Change

To change SCH PARA information, click CDM->Change_Parameter_Information_2->CHG-SCH-PARA on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-SCH-PARA :BSC=a ,BTS=b ,SECT=c [,SCH_T_ADD=d] [,SCH_T_DROP=e] [,T_MULCHAN=f] [,BEGIN_PRMBL=g] [,RES_PRMBL=h] [,PS_MIN_DELTA=i] [,ORD_INTERVAL=j] [,NUM_PILOTS=k] [,PRD_INTERVAL=l] [,FLOOR_HIGH=m] [,FLOOR_LOW=n] [,PS_CEIL_HIGH=o] [,PS_CEIL_LOW=p] [,THSH_INTERVAL=q] [,T_SLOTTED=r];
- Input CHG-SCH-PARA :BSC=0 ,BTS=0 ,SECT=ALPHA,SCH_T_ADD=ON;
- Output

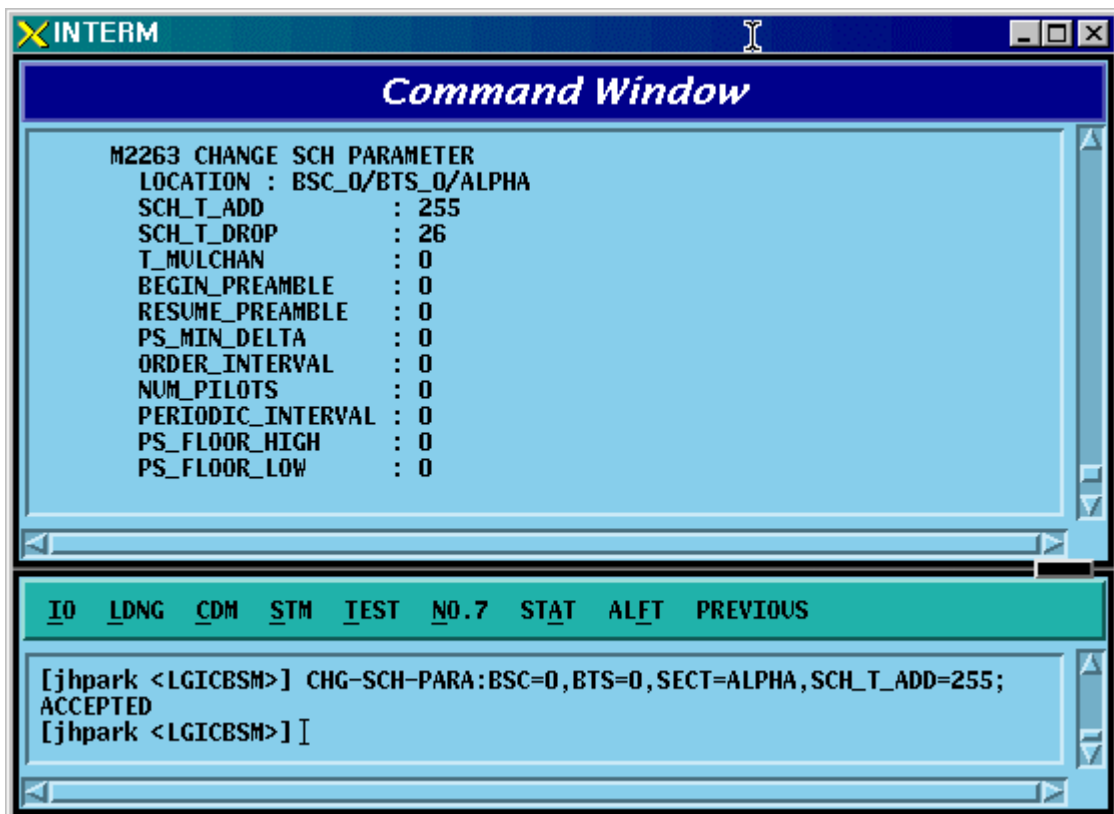


Fig. 4.3-117 SCH Parameter Information Change

4.3.5.18. POWER CONTROL Parameter Information (1) Change

To change POWER CONTROL Parameter information (1), click CDM->Change_Parameter_Information_2-> **CHG-PWR1-CTRL** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command `CHG-PWR1-CTRL :BSC=a ,BTS=b ,FER=c [,PWR_CNT_STEP=d] [,FPC_MODE=e] [,FPC_FC_INIT=f] [,FPC_FC_MIN=g] [,FPC_FCH_MAX=h] [,FPC_DCC_INIT=i] [,FPC_DCC_MIN=j] [,FPC_DCC_MAX=k] [,FPC_SC_INIT=l] [,FPC_SC_MIN=m] [,FPC_SC_MAX=n] [,FPC_THRESH=o] [,FCH_THSH_SC=p] [,FCH_ADJ_GAIN=q] [,DCC_ADJ_GAIN=r] [,SCO_ADJ_GAIN=s] [,SC1_ADJ_GAIN=t] [,FPC_SUBCH=u] [,RL_GAIN_ADJ=v] [,RL_TC_PICH=w] [,RL_SC_PILOT=x];`

- Input `CHG-PWR1-CTRL :BSC=0 ,BTS=0 ,FER=30,PWR_CNT_STEP=255;`

- Output

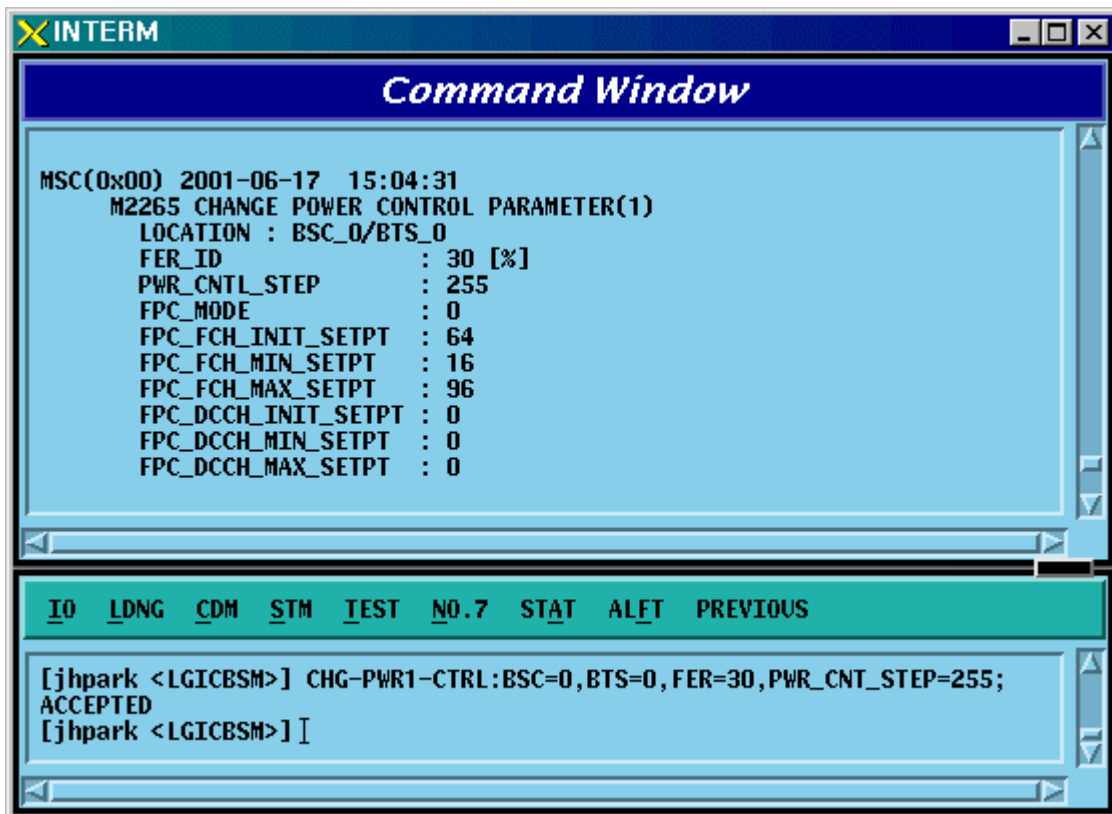


Fig. 4.3-118 POWER CONTROL Parameter Information (1) Change

4.3.5.19. POWER CONTROL Parameter Information (2) Change

To change POWER CONTROL Parameter information (2), click CDM->Change_Parameter_Information_2-> **CHG-PWR2-CTRL** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-PWR2-CTRL :BSC=a ,BTS=b ,FER=c ,USE_REV_P=d
[,GAIN_1500=e]
[,GAIN_2700=f] [,GAIN_4800=g] [,GAIN_9600=h] [,GAIN_1800=i]
[,GAIN_3600=j] [,GAIN_7200=k] [,GAIN_14400=l]
[,NORM_9600_5MS=m];
- Input CHG-PWR2-CTRL :BSC=0 ,BTS=0 ,FER=c ,USE_REV_P=USE_REV_P,
GAIN_1500=255;
- Output

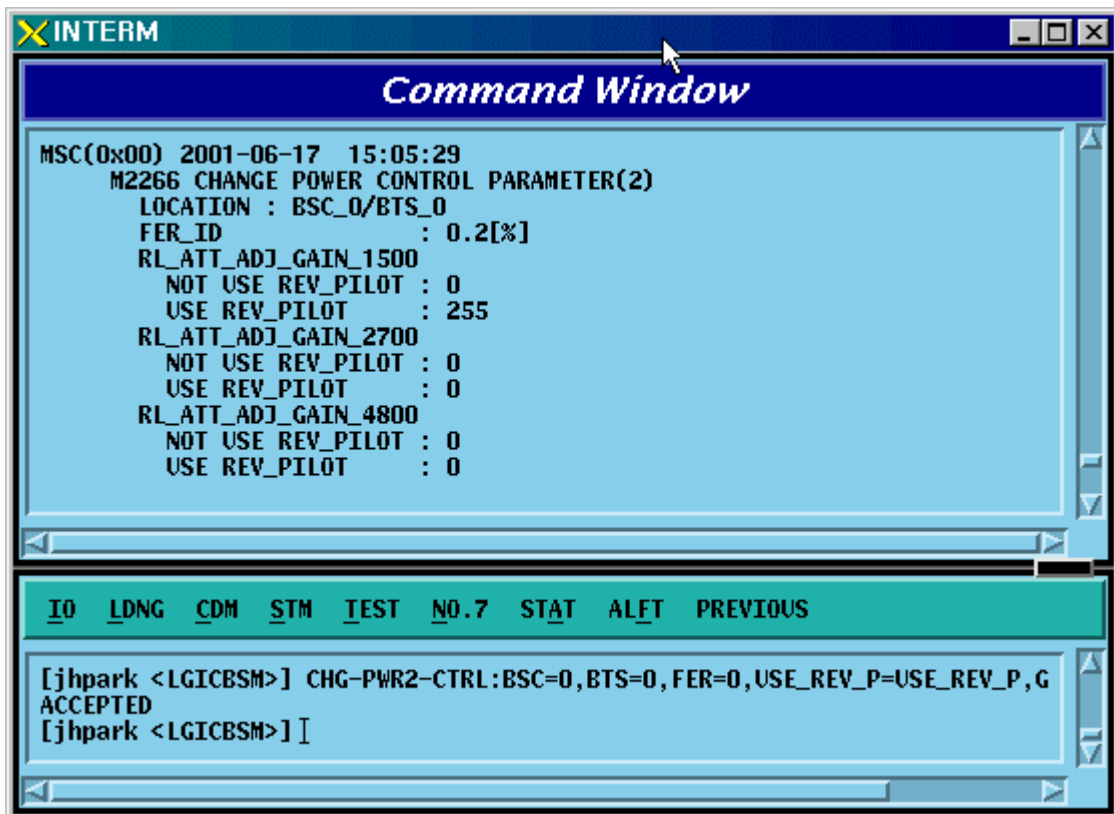


Fig. 4.3-119 POWER CONTROL Parameter Information (2) Change

4.3.5.20. POWER CONTROL Parameter Information (3) Change

To change POWER CONTROL Parameter information (3), click CDM->Change_Parameter_Information_2-> **CHG-PWR3-CTRL** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-PWR3-CTRL
 CTRL :BSC=a ,BTS=b ,FER=c ,USE_REV_P=d ,USE_TUB_ENC=e
 [,GAIN_19200=f] [,GAIN_38400=g] [,GAIN_76800=h] [,GAIN_153600=i]
 [,GAIN_307200=j] [,GAIN_614400=k] [,GAIN_28800=l]
 [,GAIN_57600=m] [,GAIN_115200=n] [,GAIN_230400=o]
 [,GAIN_460800=p] [,GAIN_1036800=q];
- Input CHG-PWR3-CTRL :BSC=0 ,BTS=0 ,FER=0 ,USE_REV_P=NOUSE_REV_P ,
 USE_TUB_ENC=NOUSE_TUB_ENC,GAIN_19200=255;
- Output

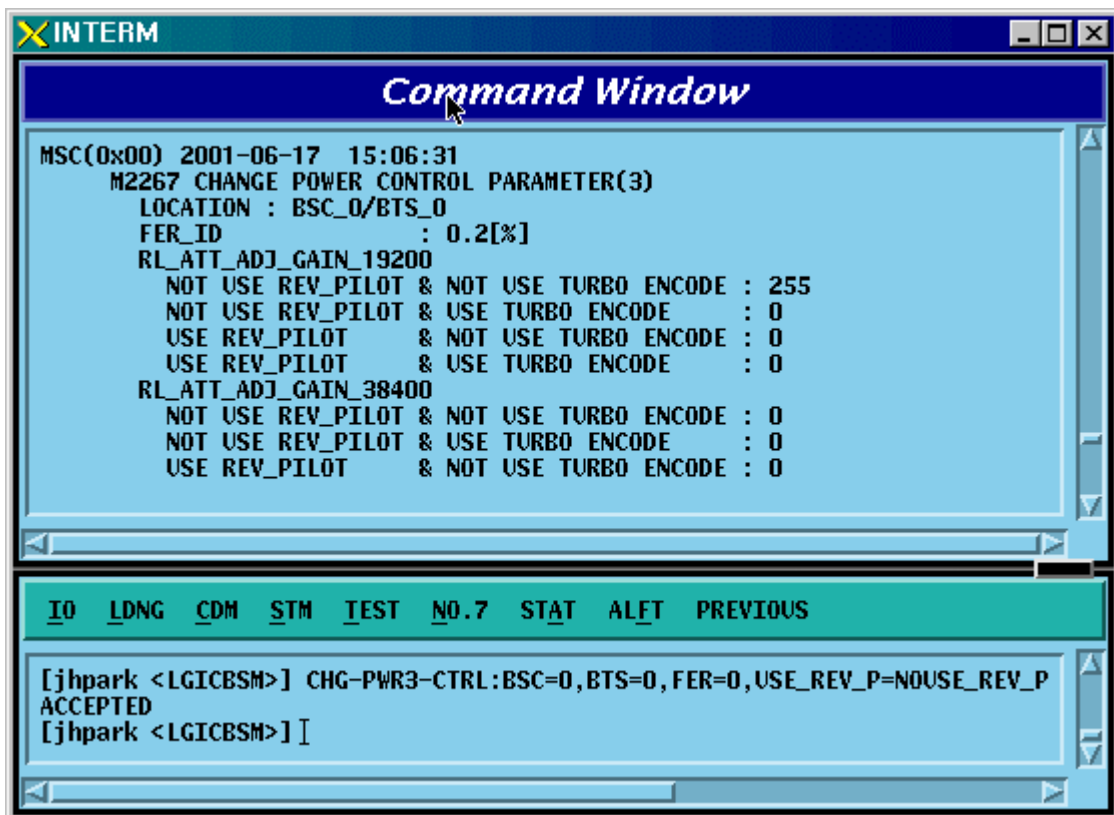


Fig. 4.3-120 POWER CONTROL Parameter Information (3) Change

4.3.5.21. BTS Name Change

To change BTS name, click CDM->Change_Parameter_Information_2-> **CHG-BTS-NAME** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-BTS-NAME :BSC=a ,BTS=b ,NAME=c;
- Input CHG-BTS-NAME :BSC=0 ,BTS=0 ,NAME=jhpark;
- Output

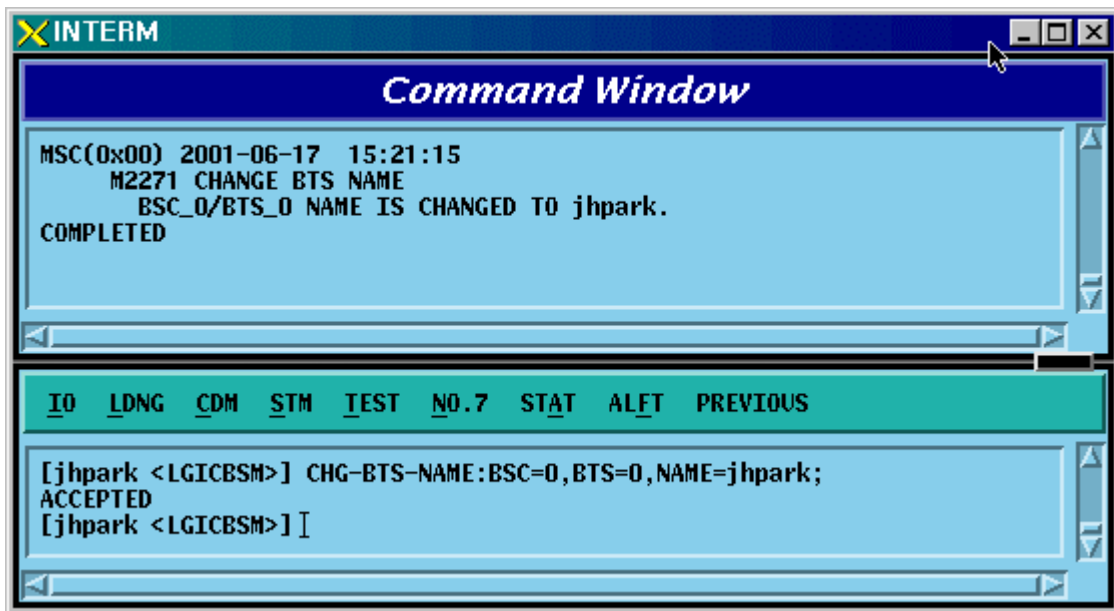


Fig. 4.3-121 BTS Name Change

4.3.5.22. PCF TIMER Change

To change PCF TIMER, click CDM->Change_Parameter_Information_2-> **CHG-PCF-TIMER** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command `CHG-PCF-TIMER :PCP=a [,TRP_LIFETIME=b] [,TBSREQ9=c] [,TDISCON9=d] [,TWAITH09=e] [,TREGREQ=f] [,RRQ_RETRY_CNT=g];`
- Input `CHG-PCF-TIMER :PCP=0,TRP_LIFETIME=255;`
- Output

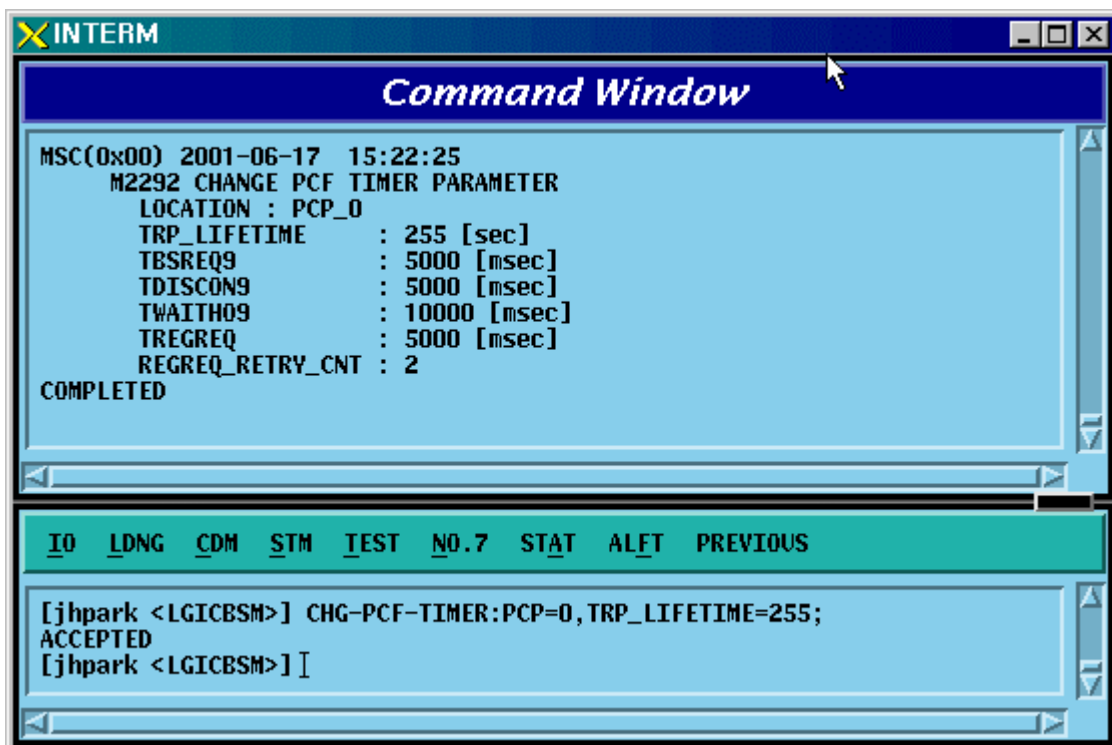


Fig. 4.3-122 PCF TIMER Change

4.3.5.23. PCP/PMP ADDRESS Change

To change PCP/PMP ADDRESS, click CDM->Change_Parameter_ Information_2->CHG-PCP-ADDR on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-PCP-ADDR :PCF=a ,SHELF_ID=b ,SIDE=c ,IP_ADDR=d;
- Input CHG-PCP-ADDR :PCF=0 ,SHELF_ID=0 ,SIDE=A_SIDE ,
IP_ADDR=255.255.255.255;
- Output

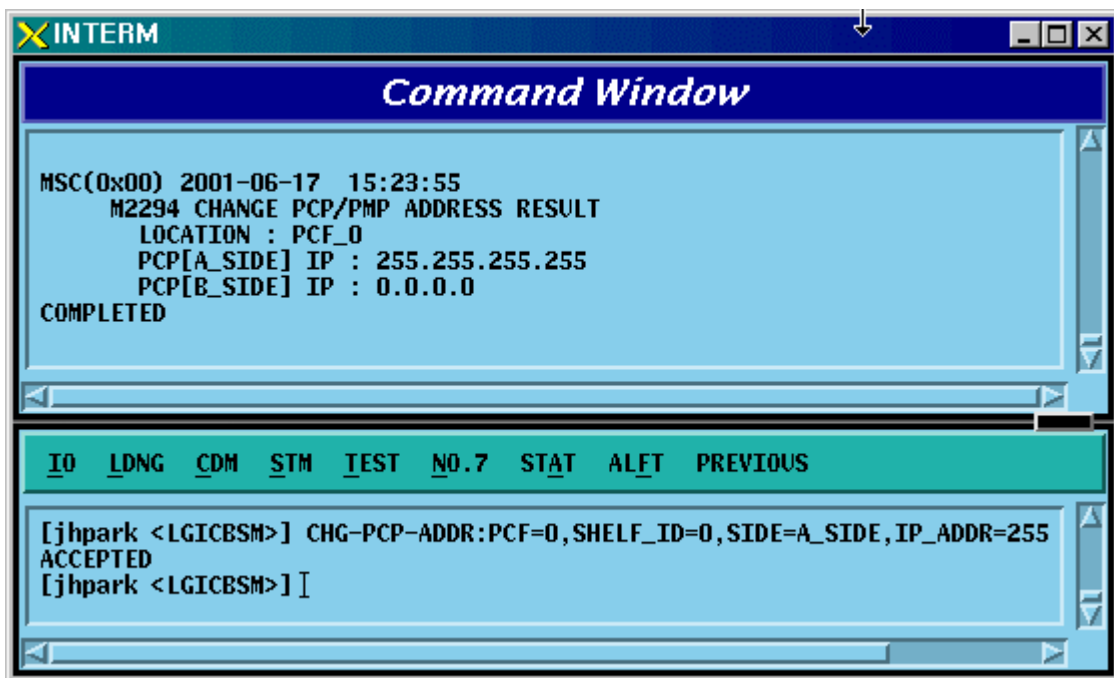


Fig. 4.3-123 PCP/PMP ADDRESS Change

4.3.5.24. PIP ADDRESS Change

To change PIP ADDRESS, click CDM->Change_Parameter_ Information_2-> CHG-PIP-ADDR on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-PIP-ADDR :PCF=a ,SHELF_ID=b ,PIP_ID=c [,IP_ADDR=d] [,NETMASK=e]
- Input CHG-PIP-ADDR :PCF=0 ,SHELF_ID=0 ,PIP_ID=0, NETMASK=255.255.0.0;
- Output

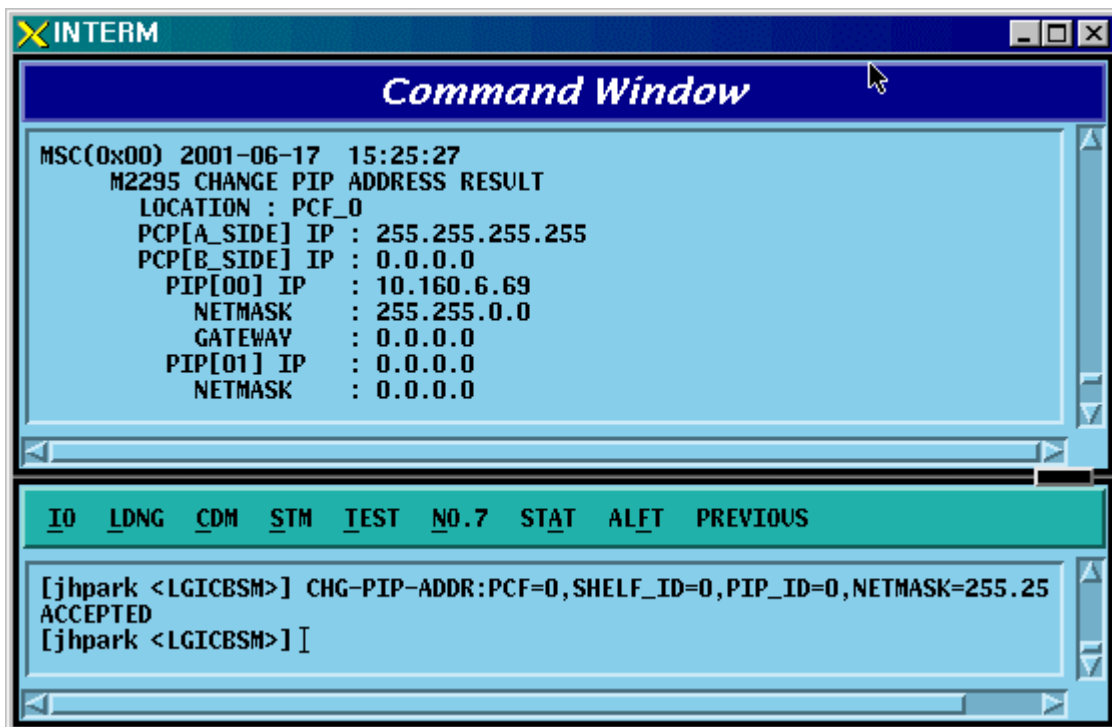


Fig. 4.3-124 PIP ADDRESS Change

4.3.5.25. PCF PARAMETER Change

To change PCF PARAMETER, click CDM->Change_Parameter_Information_2-> **CHG-PCF-PARA** on the Command Window in order. Input the value to be changed in each field as shown below.

- Command CHG-PCF-PARA :PCF=a [,AAA_TYPE=b] [,SID=c] [,NID=d] [,LTM_OFF=e] [,DAY_LT=f] [,PKZN_ID=g] [,ID_TYPE=h] [,GRE_SEQ=i] [,SEQ_TIMER=j] [,MSID_TYPE=k];
- Input CHG-PCF-PARA :PCF=0,AAA_TYPE=255,SEQ_TIMER=255;
- Output

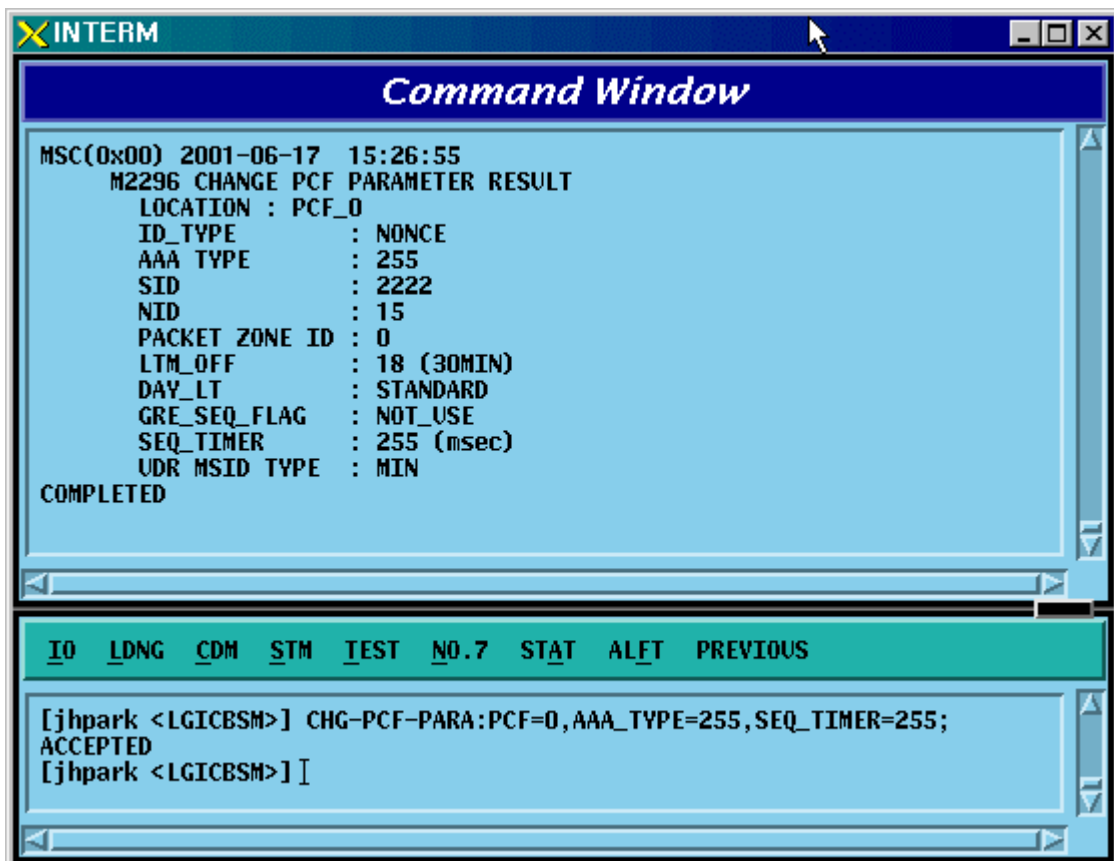
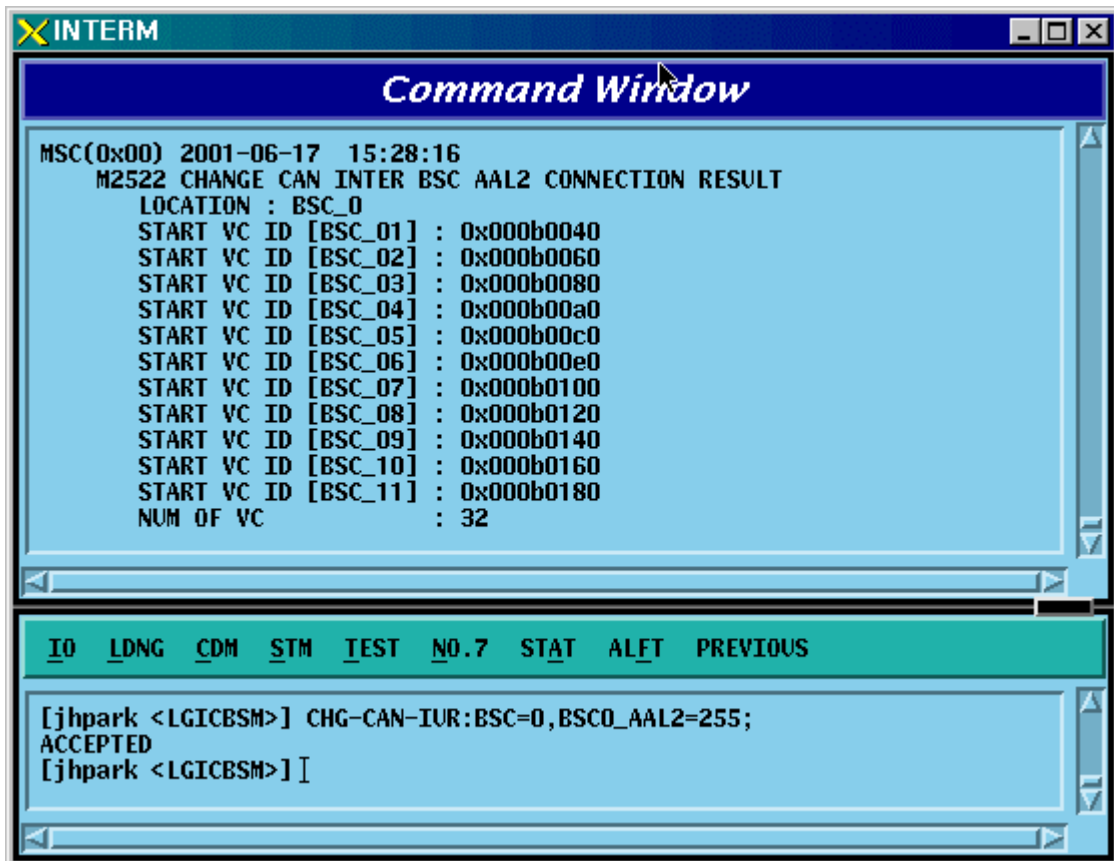


Fig. 4.3-125 PCF PARAMETER Change

4.3.6. Network Parameter Information Change (Change_Parameter_Info_3)

4.3.6.1. CAN INTER BSC AAL2 Setting Information Change

- Command CHG-CAN-IUR: BSC=a, [BSC0_AAL2=b], [BSC1_AAL2=c], [BSC2_AAL2=d], [BSC3_AAL2=e], [BSC4_AAL2=f], [BSC5_AAL2=g], [BSC6_AAL2=h], [BSC7_AAL2=i], [BSC8_AAL2=j],[BSC9_AAL2=k],[BSC10_AAL2=l], [BSC11_AAL2=m], [NO_AAL2_VC=n];
- Input CHG-CAN-IUR: BSC=0, BSC0_AAL2=255
- Output



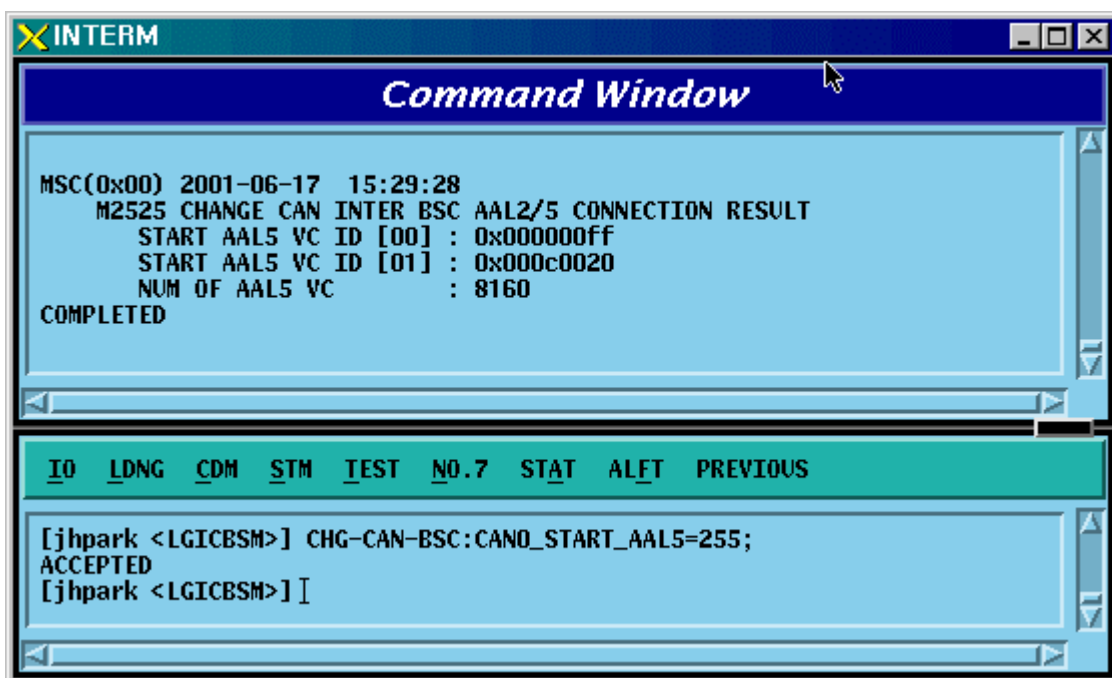
4.3.6.2. CAN INTER BSC AAL5 Setting Information Change

- Command CHG-CAN-BSC: [CAN0_START_AAL5=a],
[CAN1_START_AAL5=b], [NO_AAL5_VC=0~],

a ,b: 0~0xffffffff

c: 0~

- Input CHG-CAN-BSC: CAN0_START_AAL5=255
- Output



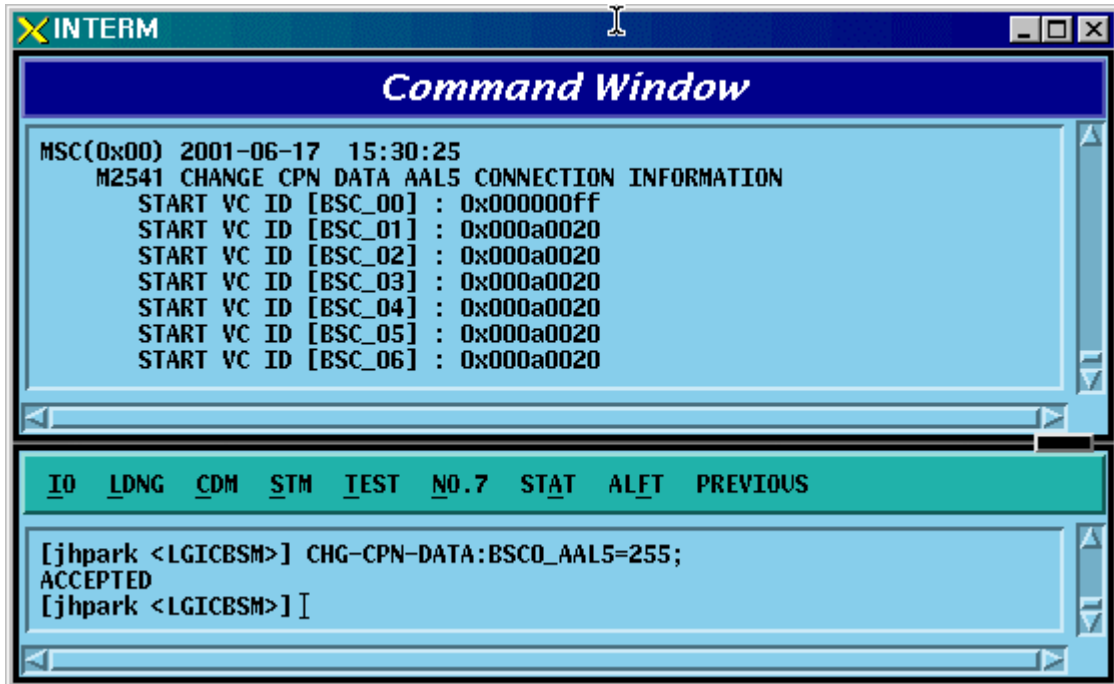
4.3.6.3. CPN INTER DATA AAL5 Setting Information Change

- Command CHG-CPN-DATA: [BSC0_AAL5=a], [BSC1_AAL5=b], [BSC2_AAL5=c],
[BSC3_AAL5=d], [BSC4_AAL5=e], [BSC5_AAL5=f],
[BSC6_AAL5=g], [BSC7_AAL5=h], [BSC8_AAL5=i],
[BSC9_AAL5=j], [BSC10_AAL5=k], [BSC11_AAL5=l],
[NO_AAL5_VC=m];

a ~n: BSC AAL5 (32~0xfffff)

m: 0~32

- Input CHG-CPN-DATA: BSC0_AAL5=255;
- Output



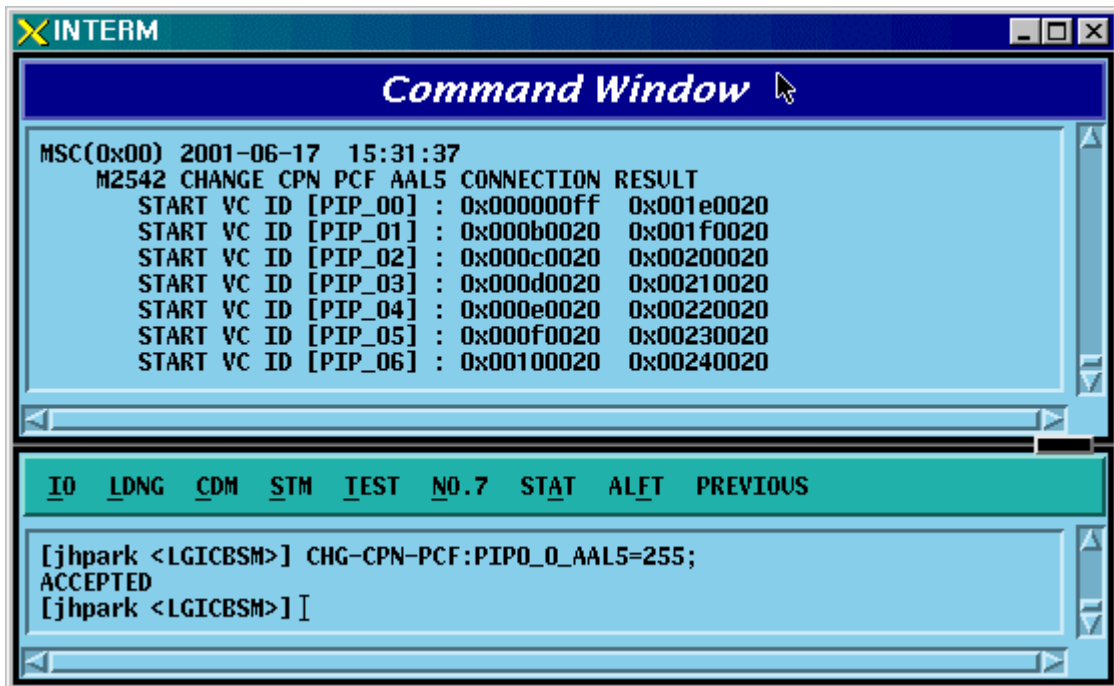
4.3.6.4. CPN INTER PCF AAL5 Setting Information Change

- Command CHG-CPN-PCF: [PIP0_0_AAL5=a], [PIP0_1_AAL5=b], [PIP1_0_AAL5=c], [PIP1_1_AAL5=d], [PIP2_0_AAL5=e], [PIP2_1_AAL5=f], [PIP3_0_AAL5=g], [PIP3_1_AAL5=h], [PIP4_0_AAL5=i], [PIP4_1_AAL5=j], [PIP5_0_AAL5=k], [PIP5_1_AAL5=l], [PIP6_0_AAL5=m], [PIP6_1_AAL5=n], [PIP7_0_AAL5=o], [PIP7_1_AAL5=p], [PIP8_0_AAL5=q], [PIP8_1_AAL5=r], [PIP9_0_AAL5=s], [PIP9_1_AAL5=t], [PIP10_0_AAL5=u], [PIP10_1_AAL5=v], [NO_AAL5_VC=w]

a~v: PIP AAL5 (32~0xfffff)

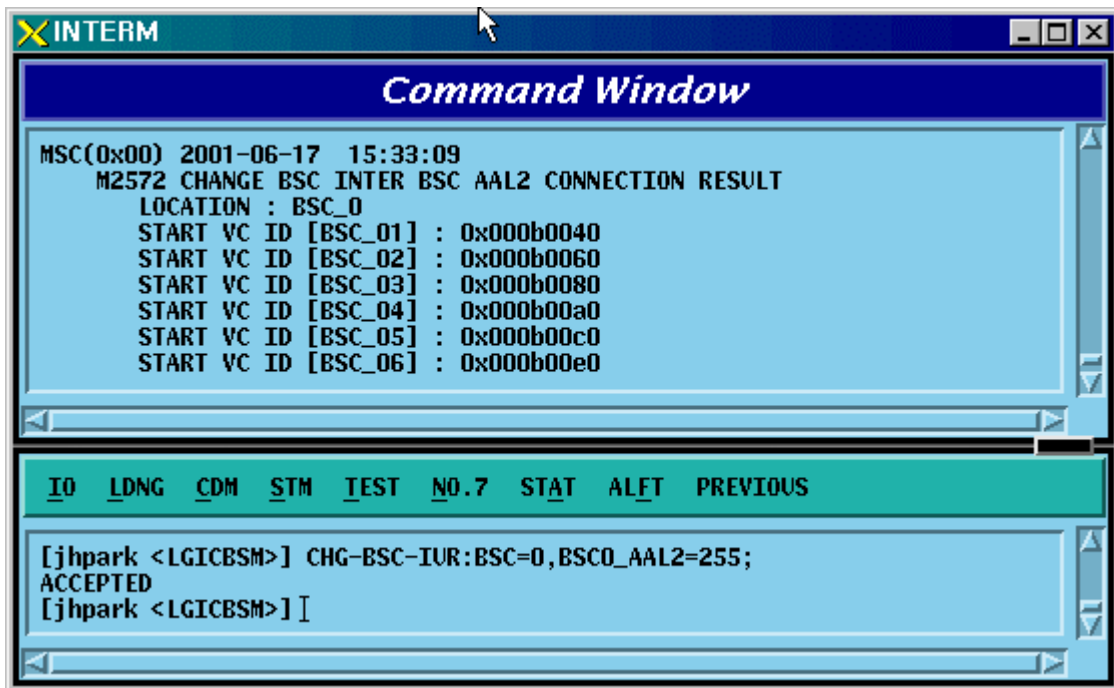
w: 0~480

- Input CHG-CPN-PCF: PIP0_0_AAL5=255 ;
- Output



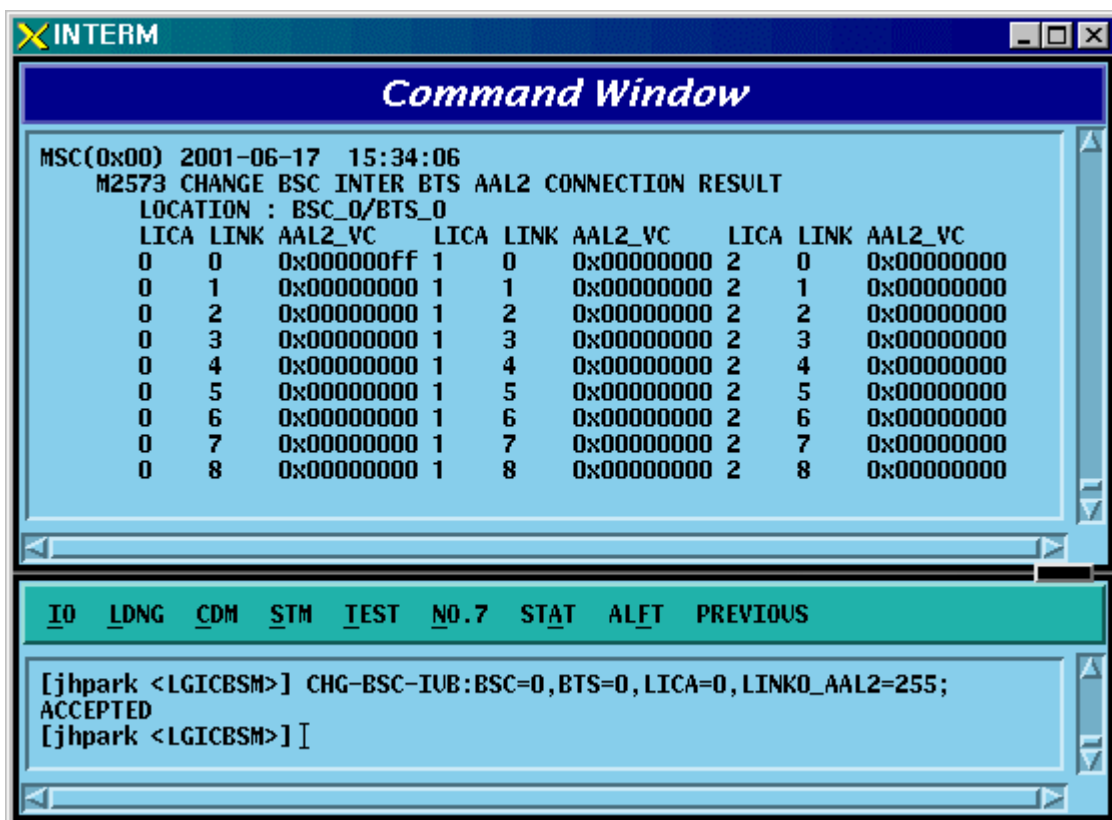
4.3.6.5. BSC INTER BSC AAL2 Setting Information Change

- Command CHG-BSC-IUR: BSC=a, [BSC0_AAL2=b], [BSC1_AAL2=c],
[BSC2_AAL2=d],
[BSC3_AAL2=e], [BSC4_AAL2=f], [BSC5_AAL2=g],
[BSC6_AAL2=h], [BSC7_AAL2=i], [BSC8_AAL2=j],
[BSC9_AAL2=k], [BSC10_AAL2=l], [BSC11_AAL2=m],
[NO_AAL2_VC=n];
a : BSC Number(0~11)
b~m: BSC AAL2 (0~0xfffff)
n: 0~
- Input CHG-BSC-IUR: BSC=0, BSC0_AAL2=255;
- Output



4.3.6.6. BSC INTER BTSC AAL2 Setting Information Change

- Command CHG-BSC-IUB: BSC=a, BTS=b, LICA=c, LINK=d,
 [LINK0_AAL2=e], [LINK1_AAL2=f], [LINK2_AAL2=g],
 [LINK3_AAL2=h], [LINK4_AAL2=i], [LINK5_AAL2=j],
 [LINK6_AAL2=k], [LINK7_AAL2=l], [LINK8_AAL2=m],
 [LINK9_AAL2=n], [LINK10_AAL2=o], [LINK11_AAL2=p],
 [LINK12_AAL2=q], [LINK13_AAL2=r], [LINK14_AAL2=s],
 [LINK15_AAL2=t]
 a : BSC Number(0~11)
 b : BTS Number(0~47)
 c : LICA Number(0~2)
 d : LINK Number(0~15)
 e~t: 0~0xffffffff
- Input CHG-BSC-IUB: BSC=0, BTS=0, LICA=0, LINK0_AAL2=255;
- Output



4.3.6.7. BSC INTER CAN AAL2/5 Setting Information Change

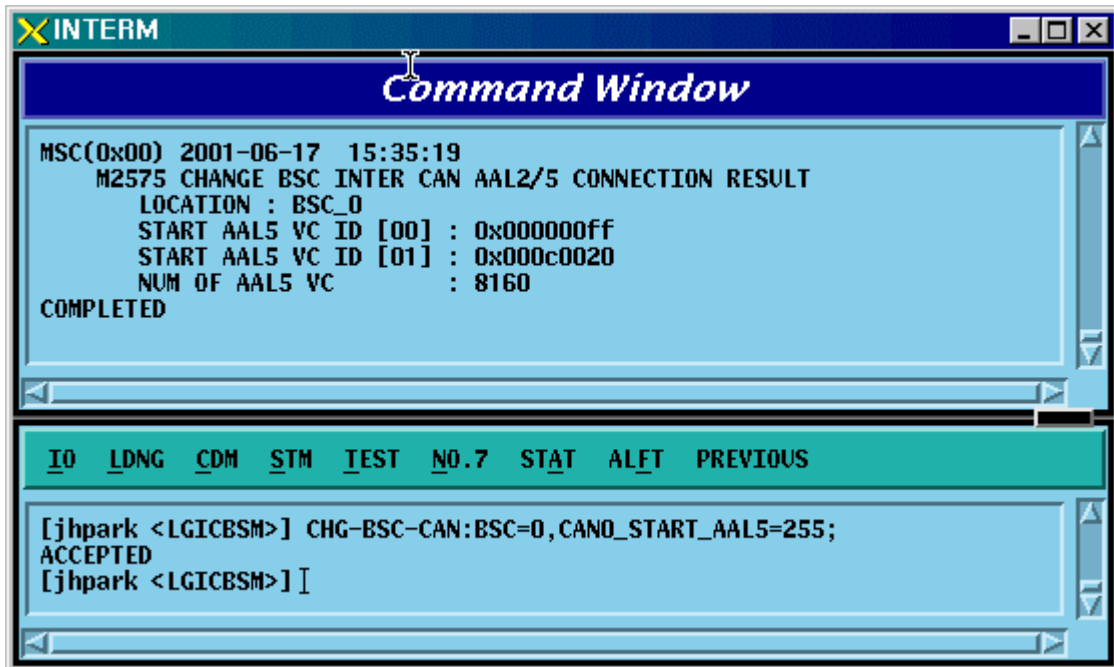
- Command CHG-BSC-CAN: BSC=a, [CAN0_START_AAL5=b],
[CAN1_START_AAL5=c], [NO_AAL5_VC=d]

a: BSC Number(0~11)

b,c: 32~0xfffff

d: 0~8160

- Input CHG-BSC-CAN: BSC=0, CAN0_START_AAL5=255;
- Output



4.3.6.8. BSC INTER SLB AAL5 Setting Information

- Command CHG-BSC-SLB: BSC=a, [SLP0_AAL5=b], [SLP1_AAL5=c], [SLP2_AAL5=d], [SLP3_AAL5=e], [SLP4_AAL5=f], [SLP5_AAL5=g], [SLP6_AAL5=h], [SLP7_AAL5=i], [SLP8_AAL5=j], [SLP9_AAL5=k], [SLP10_AAL5=l], [SLP11_AAL5=m], [SLP12_AAL5=n], [SLP13_AAL5=o], [SLP14_AAL5=p], [SLP15_AAL5=q], [SLP16_AAL5=r], [SLP17_AAL5=s], [NO_AAL5_VC=t]

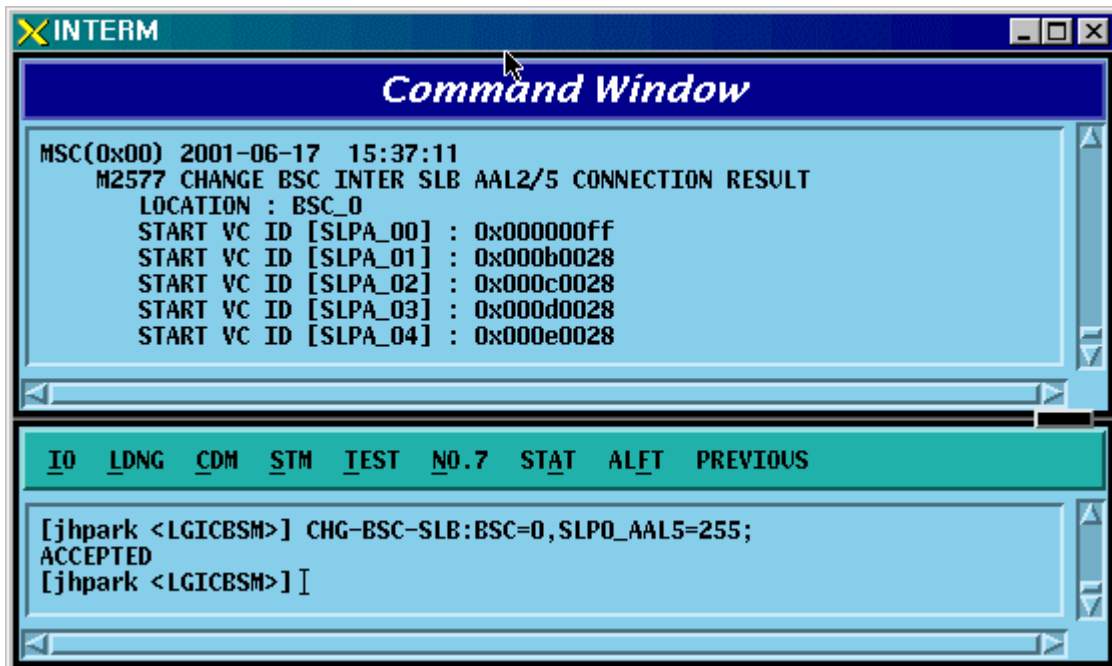
a: BSC Number(0~11)

b~s: 40~0xffffffff

t: 0~984

- Input CHG-BSC-SLB: BSC=0, SLP0_AAL5=255;

- Output



4.3.6.9. BSC INTER VCB AAL5 Setting Information Change

- Command CHG-BSC-VCB: BSC=a,
 [VCP0_AAL5=b], [VCP1_AAL5=c], [VCP2_AAL5=d],
 [VCP3_AAL5=e], [VCP4_AAL5=f], [VCP5_AAL5=g],
 [VCP6_AAL5=h], [VCP7_AAL5=i], [VCP8_AAL5=j],
 [VCP9_AAL5=k], [VCP10_AAL5=l], [VCP11_AAL5=m],
 [VCP12_AAL5=n], [VCP13_AAL5=o], [VCP14_AAL5=p],
 [VCP15_AAL5=q], [NO_AAL5_VC=r]

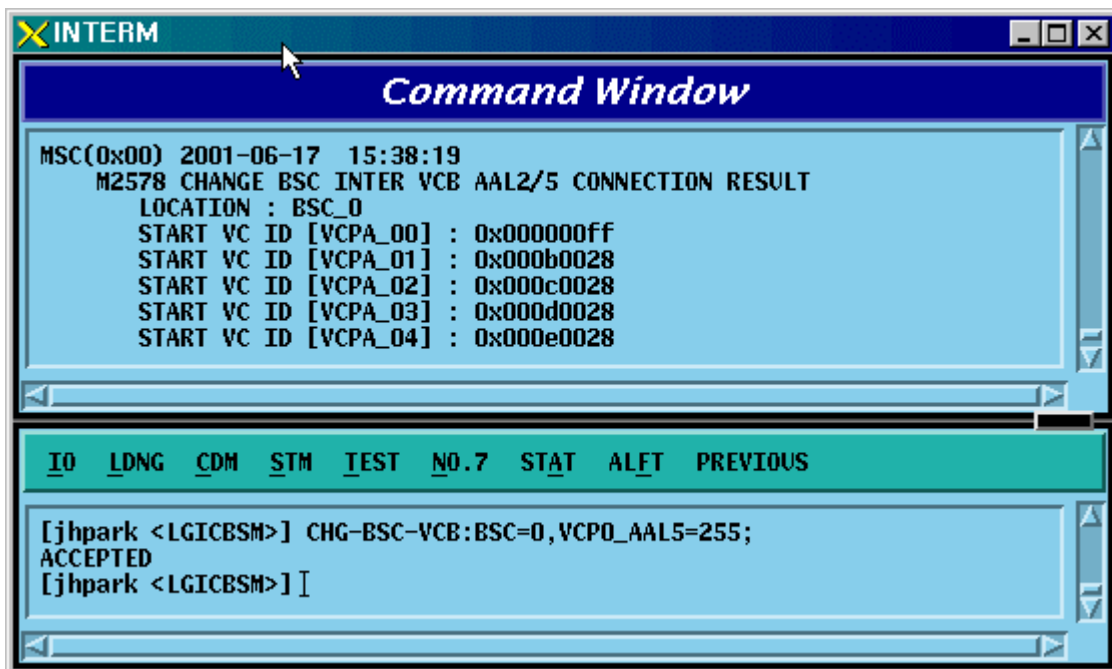
a: BSC Number(0~11)

b~q: 40~0xfffff

r: 0~88

- Input CHG-BSC-VCB: BSC=0, VCP0_AAL5=255;

- Output



4.3.6.10. BSC INTER ALB AAL5 Setting Information Change

- Command CHG-BSC-ALB: BSC=a,
 [ALMA0_ALP0_0=b], [ALMA0_ALP0_1=c], [ALMA0_ALP1_0=d],
 [ALMA0_ALP1_1=e], [ALMA0_ALP2_0=f], [ALMA0_ALP2_1=g],
 [ALMA0_ALP3_0=h], [ALMA0_ALP3_1=i], [ALMA0_ALP4_0=j],
 [ALMA0_ALP4_1=k], [ALMA1_ALP0_0=l], [ALMA1_ALP0_1=m],
 [ALMA1_ALP1_0=n], [ALMA1_ALP1_1=o], [ALMA1_ALP2_0=p],
 [ALMA1_ALP2_1=q], [ALMA1_ALP3_0=r], [ALMA1_ALP3_1=s],
 [ALMA1_ALP4_0=t], [ALMA1_ALP4_1=u], [NO_AAL5_VC=v]

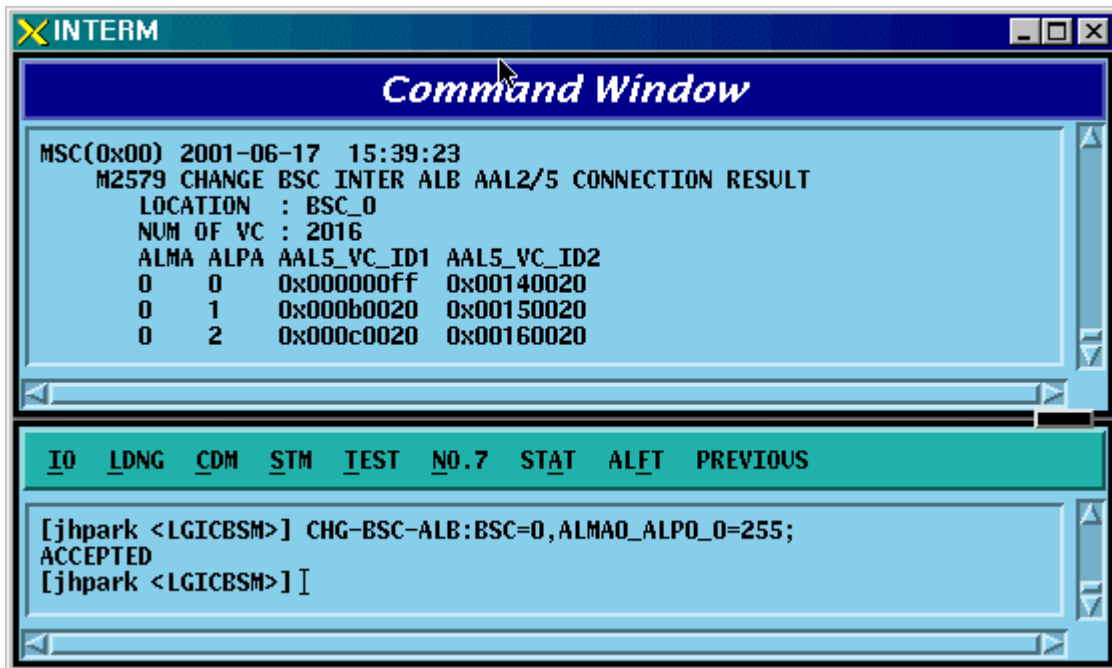
a: BSC Number(0~11)

b~u: 32~0xffffffff

v: 0~2016

- Input CHG-BSC-ALB: BSC=0, ALMA0_ALP0_0=255;

- Output



4.3.6.11. BTS INTER RCU AAL5 Setting Information Change

- Command CHG-BTS-RCU: BSC=a, BTS=b, RCU=c,
[LICA0_AAL5=d], [LICA1_AAL5=e], [LICA2_AAL5=f],
[LICA0_NO_VC=g], [LICA1_NO_VC=h], [LICA2_NO_VC=i]

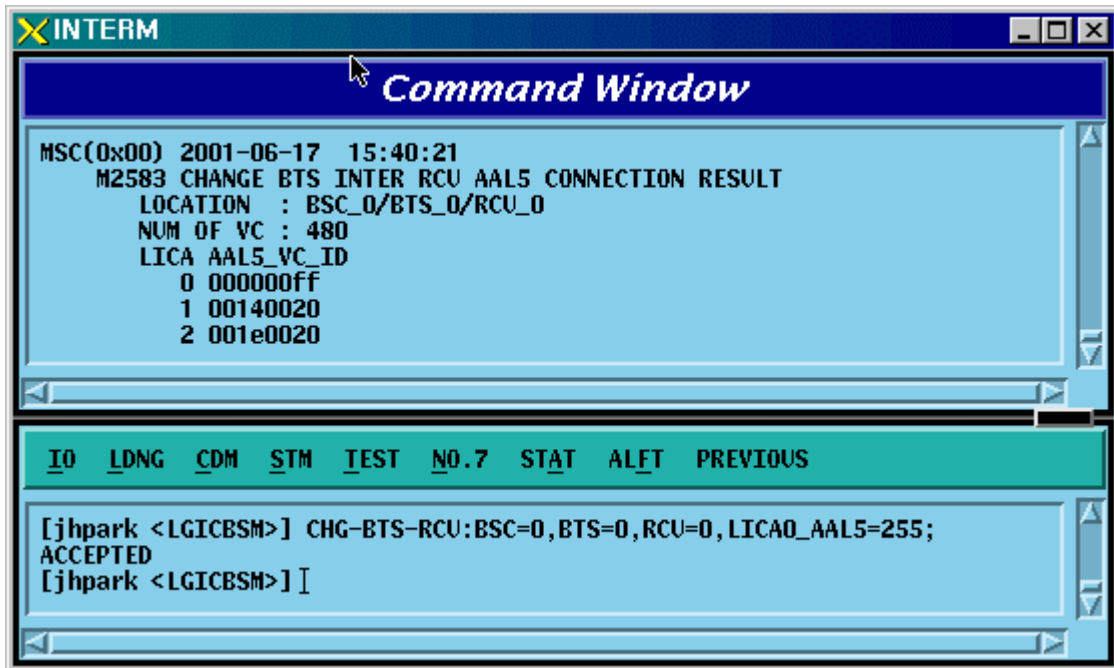
a: BSC Number(0~11)

b: BTS Number(0~47)

c: RCU Number(0~9)

d~i: 0~

- Input CHG-BTS-RCU: BSC=0,BTS=0,RCU=0, LICA0_AAL5=255;
- Output



4.3.7. Configuration

Information

Display(Display_Configuration_Data)

This section describes the comands that are used to inquire the configuration information which is related to processors, devices, and overhead channels which are currently used in BTS and BSC.

Table 4.3-3 Configuration Information Display

CRN	MMC	Description
2101	DIS-BSS-CONF	BSS configuration information verification
2103	DIS-SMP-CONF	SMP configuration information verification
2105	DIS-VMP-CONF	VMP configuration information verification
2112	DIS-BTS-CONF	BTS configuration information verification
2115	DIS-CHIP-CONF	DBPA CHIP configuration information verification
2125	DIS-OVHD-CONF	OVERHEAD CHANNEL configuration information verification
2133	DIS-PDSN-CONF	PDSN configuration information verification

4.3.7.1. BSS Configuration Information Verification

This is a command to check the BTS, Processors and PCF counts in the BSC.

- Command DIS-BSS-CONF: BSC=a;
- Input DIS-BSS-CONF: BSC=0;
- Output

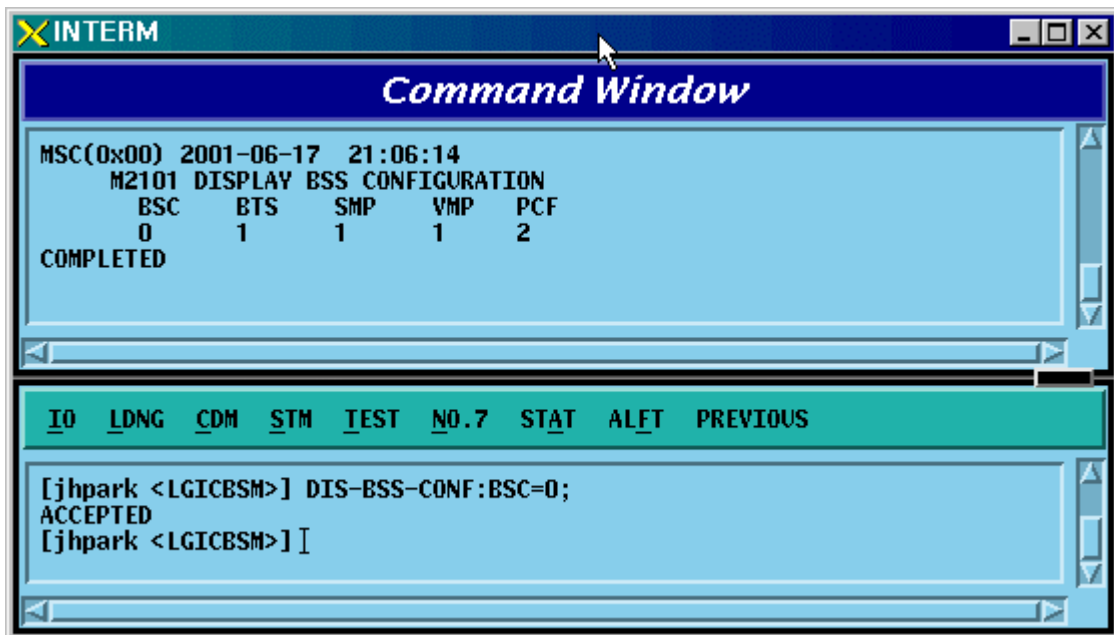


Fig. 4.3-126 BSS Configuration Information Display

4.3.7.2. SMP Configuration Information Verification

- Command DIS-SMP-CONF: BSC=a;
a: BSC Number(#0~11)
- Input DIS-SMP-CONF: BSC=0;
- Output

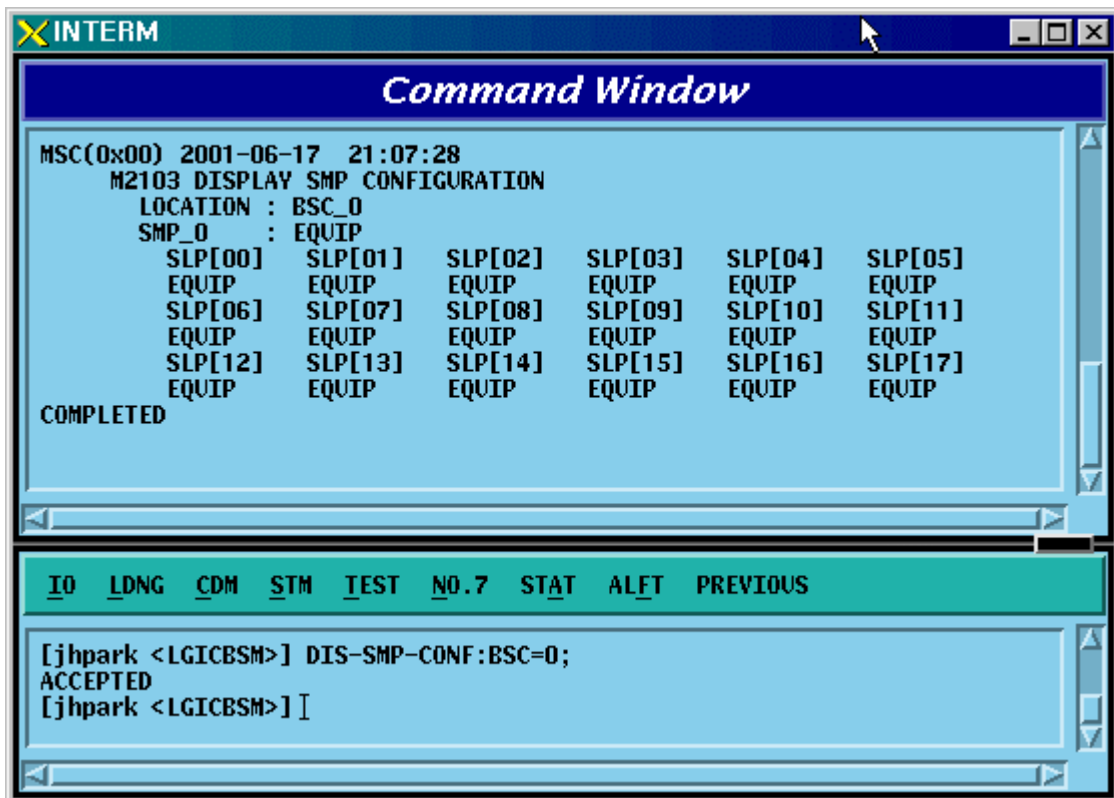


Fig. 4.3-127 SMP Configuration Information Display

4.3.7.3. VMP Configuration Information Verification

- Command DIS-VMP-CONF: BSC=a;
a: BSC Number(#0~11)
- Input DIS-VMP-CONF: BSC=0;
- Output

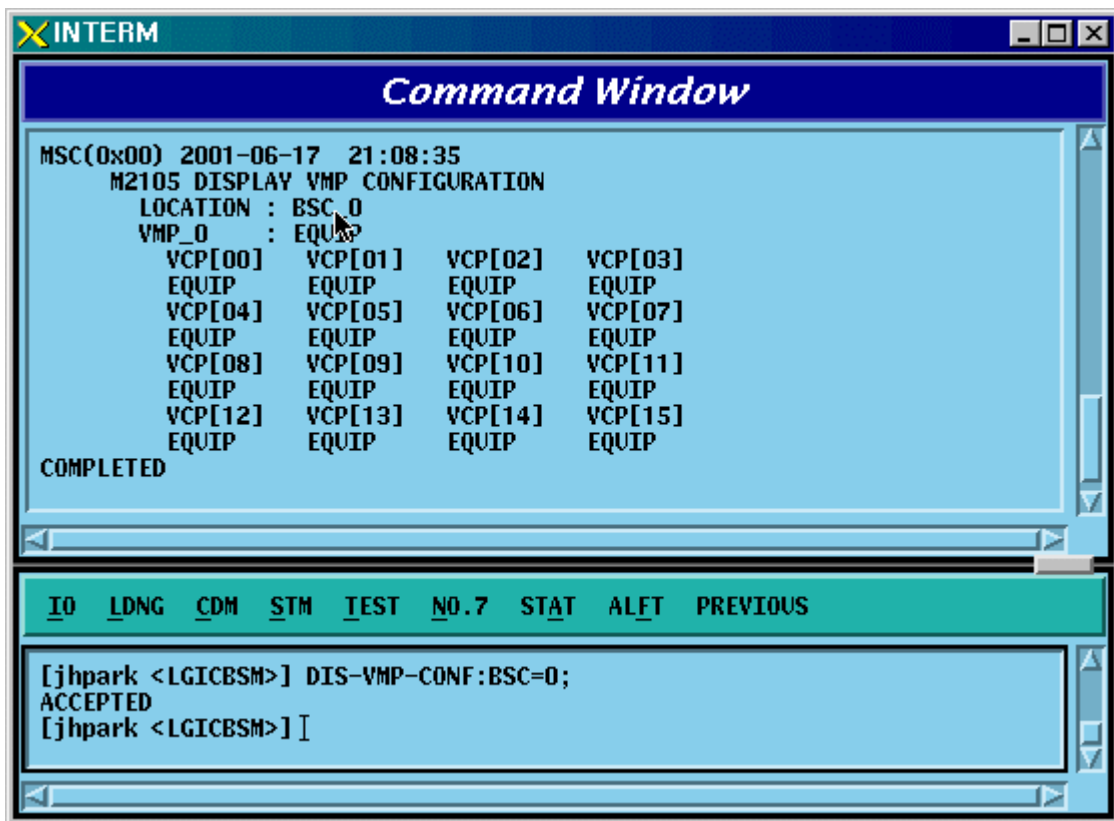


Fig. 4.3-128 VMP Configuration Information Display

4.3.7.4. BTS Configuration Information Verification

- Command DIS-BTS-CONF: BSC=a, BTS=b;
 - a: BSC Number(#0~11)
 - b: BTS Number(#0~47)
- Input DIS-BTS-CONF: BSC=0, BTS=0;
- Output

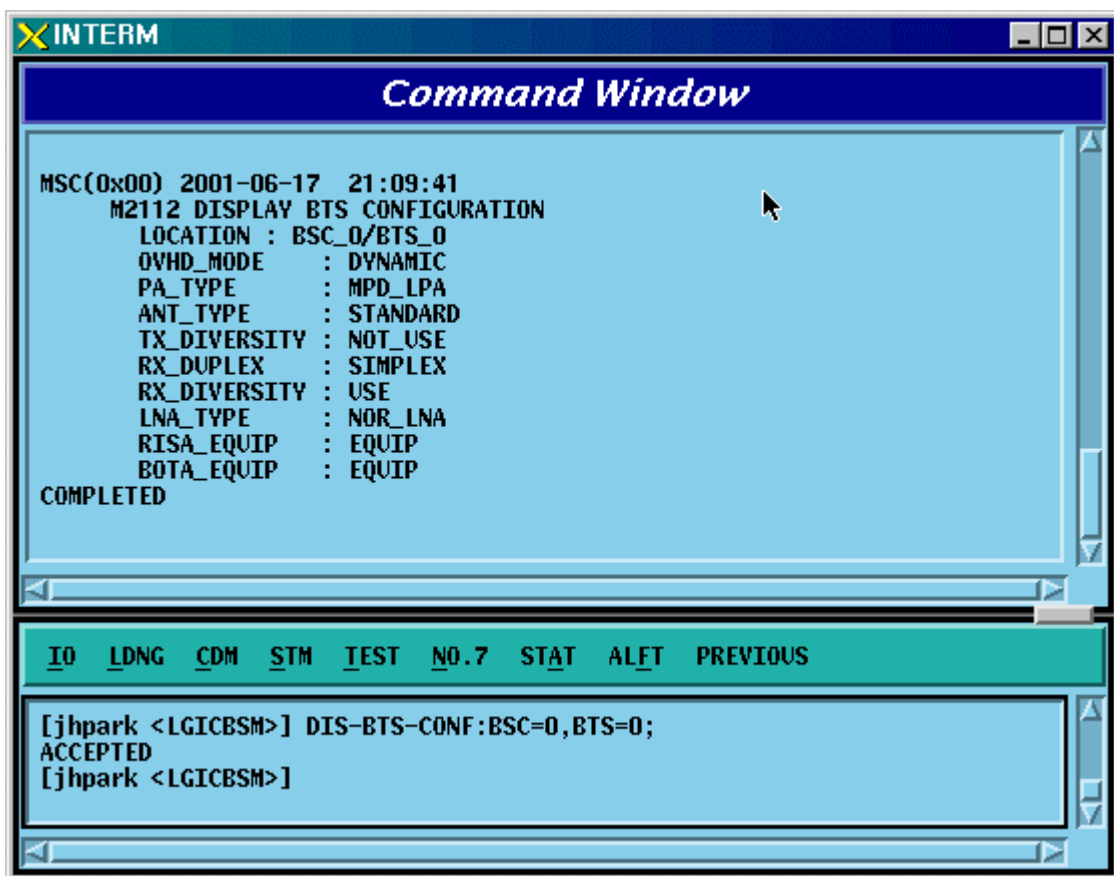


Fig. 4.3-129 BTS Configuration Information Display

4.3.7.5. DBPA CHIP Configuration Information Verification

- Command DIS-CHIP-CONF: BSC=a, BTS=b;
 - a: BSC Number(#0~11)
 - b: BTS Number(#0~47)
- Input DIS-CHIP-CONF: BSC=0, BTS=0;
- Output

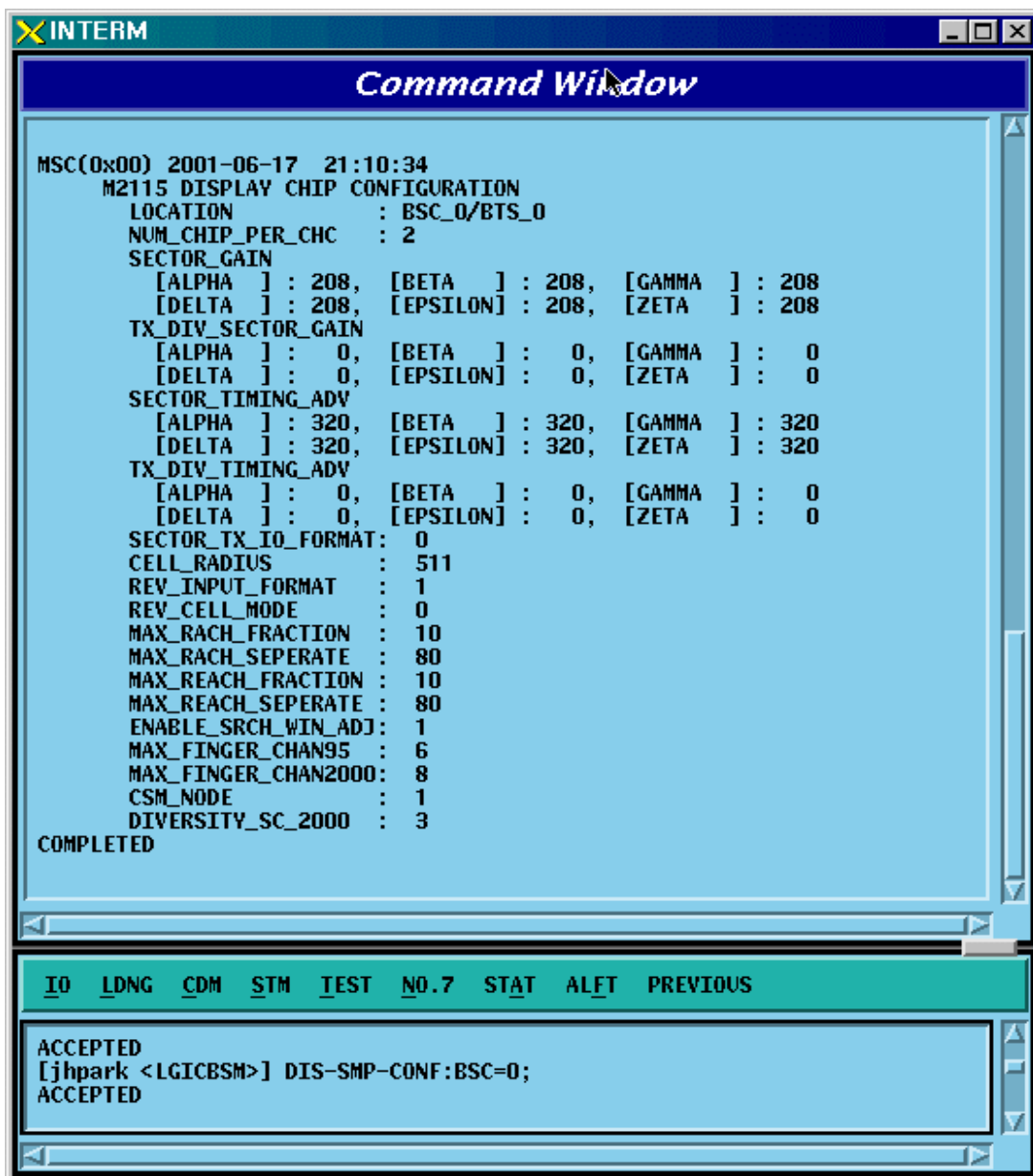


Fig. 4.3-130 DBPA CHIP Configuration Information Display

4.3.7.6. OVERHEAD CHANNEL Configuration Information Verification

- Command DIS-OVHD-CONF: BSC=a, BTS=b;
 - a: BSC Number(#0~11)
 - b: BTS Number(#0~47)
- Input DIS-OVHD-CONF: BSC=0, BTS=0;
- Output

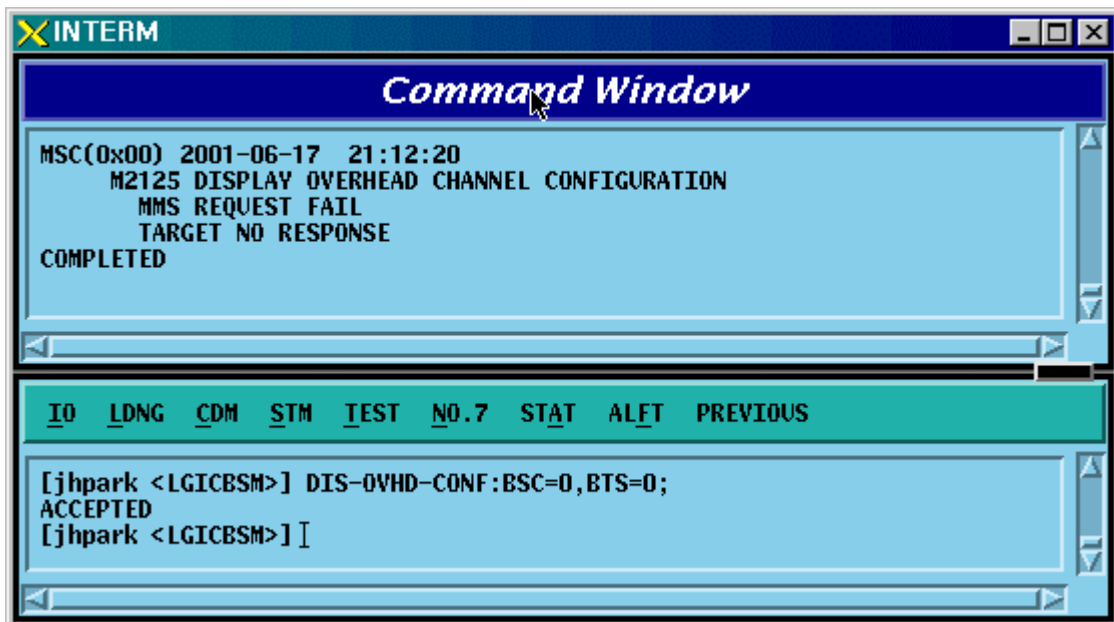


Fig. 4.3-131 OVHD Channel Configuration Information Display

4.3.7.7. PDSN Configuration Information Verification

- Command DIS-PDSN-CONF: PCP=a;
a: PCP Number(#0~2)
- Input DIS-PDSN-CONF: PCP=0;
- Output

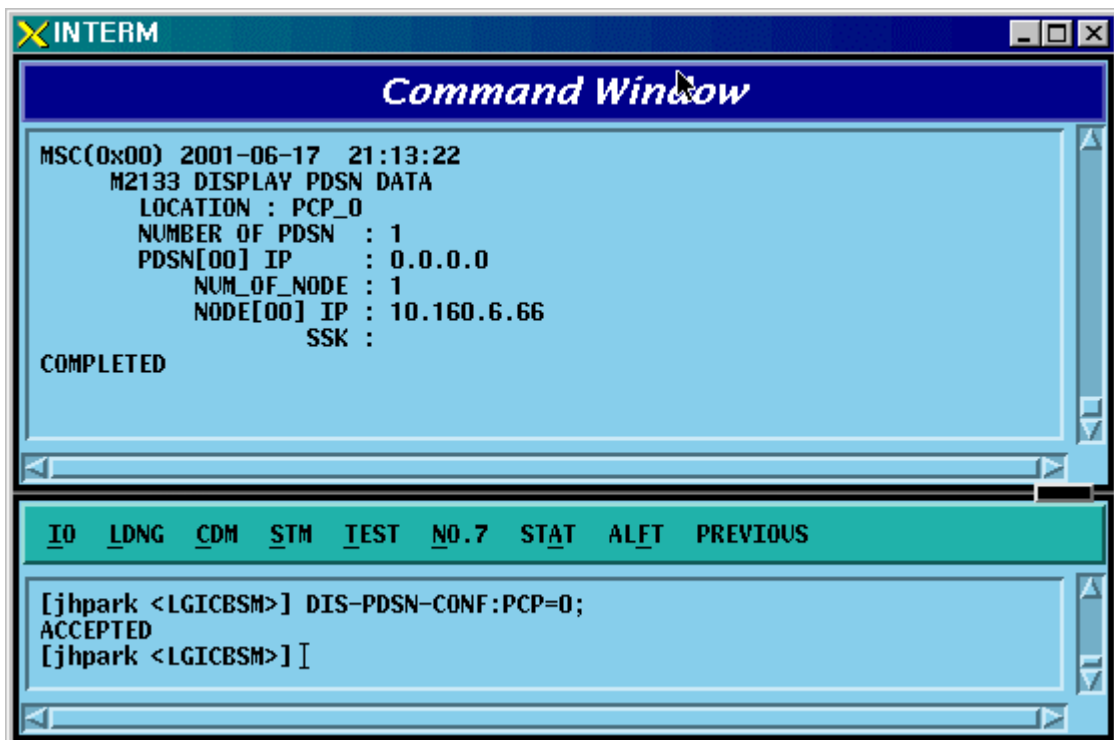


Fig. 4.3-132 PDSN Configuration Information Display

4.3.8. Configuration Information Change (Change_Configuration_Data)

This section describes commands that are used to add or delete BTS and BSC processors and devices. The configuration information that can be added and deleted are presented below. For the command that has many parameters to input, input image on the input Widow. This section does not cover details of each parameter.

Table 4.3-4 Configuration Information Change

CRN	MMC	Description
C2312	CHG-BTS-CONF	BTS configuration information change
C2315	CHG-CHIP1-CONF	Channel Card Chip configuration information(1) change
C2317	CHG-CHIP2-CONF	Channel Card Chip configuration information(2) change
C2333	ADD-PDSN-CONF	PDSN CONFIG addition
C2334	RMV-PDSN-CONF	PDSN CONFIG deletion
C2335	CHG-PDSN-CONF	PDSN CONFIG change
C2337	ADD-PDSN-NODE	PDSN NODE addition
C2338	RMV-PDSN-NODE	PDSN NODE deletion
C2339	CHG-PDSN-NODE	PDSN NODE change
C2601	MOV-BSC-NODE	BSC Node movement
C2602	MOV-PCF-NODE	PCF Node movement
C2603	MOV-SMP-NODE	SMP Node movement
C2604	MOV-VMP-NODE	VMP Node movement
C2605	MOV-BTS-ID	BTS ID movement
C2606	MOV-BTS-TRNK	BTS TRUNK Node movement
C2607	MOV-LICA-LINK	LICA LINK movement
C2610	MOV-OVHD-CONF	OVERHEAD CHANNEL configuration information movement
C2701	ADD-BSC-CONF	BSC configuration addition
C2702	RMV-BSC-CONF	BSC configuration deletion
C2711	ADD-PCF-CONF	PCF configuration addition
C2712	RMV-PCF-CONF	PCF configuration deletion

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C2721	ADD-SMP-CONF	SMP configuration addition
C2722	RMV-SMP-CONF	SMP configuration deletion
C2731	ADD-VMP-CONF	VMP configuration addition
C2732	RMV-VMP-CONF	VMP configuration deletion
C2741	ADD-BTS-CONF	BTS configuration addition
C2742	RMV-BTS-CONF	BTS configuration deletion
C2751	ADD-SECT-CONF	SECTOR configuration addition
C2752	RMV-SECT-CONF	SECTOR configuration deletion
C2761	ADD-FA-CONF	FA configuration addition
C2762	RMV-FA-CONF	FA configuration deletion
C2771	ADD-TRNK-CONF	BSC-BTS TRUNK configuration addition
C2772	RMV-TRNK-CONF	BSC-BTS TRUNK configuration deletion
C2781	ADD-CAN-PVC	CAN PVC configuration addition
C2782	RMV-CAN-PVC	CAN PVC configuration deletion
C2783	ADD-CPN-PVC	CPN PVC configuration addition
C2784	RMV-CPN-PVC	CPN PVC configuration deletion
C2785	ADD-BSC-PVC	BSC PVC configuration addition
C2786	RMV-BSC-PVC	BSC PVC configuration deletion

4.3.8.1. BTS Configuration Information Change

- Command CHG-BTS-CONF :BSC=a ,BTS=b [,PA_TYPE=c] [,ANT_TYPE=d] [,ANT_DUP=e] [,RX_DIV=f] [,LNA_EQP=g] [,RISA_EQP=h] [,BOTA_EQP=i];
- Input CHG-BTS-CONF: BSC=0, BTS=0,PA_TYPE=FA_NEQ;
- Output

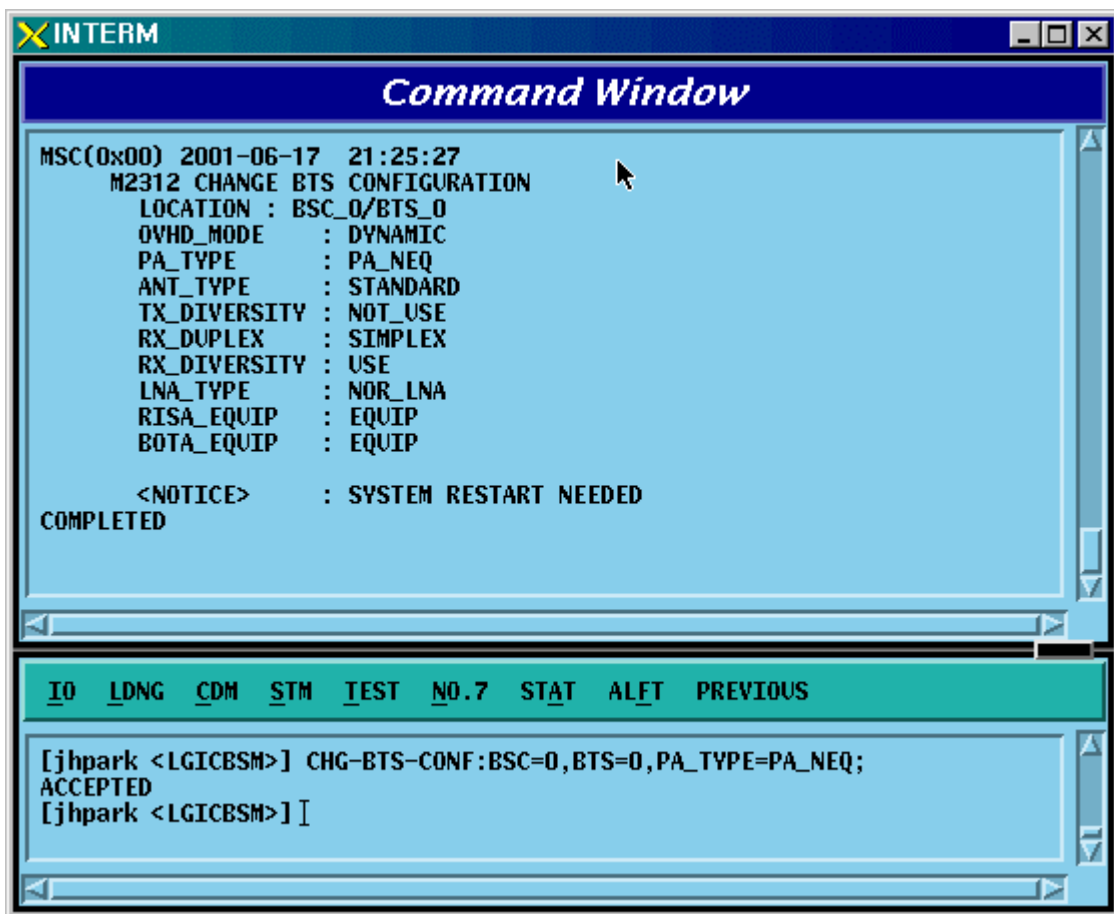


Fig. 4.3-133 BTS Configuration Information Change Display

4.3.8.2. Channel Card Chip Configuration Information (1) Change

- Command CHG-CHIP1-CONF :BSC=a ,BTS=b [,SECT_GAIN_A=c]
[,SECT_GAIN_B=d]
[,SECT_GAIN_G=e] [,SECT_GAIN_D=f] [,SECT_GAIN_E=g]
[,SECT_GAIN_Z=h] [,T_DIV_SECT_A=i] [,T_DIV_SECT_B=j]
[,T_DIV_SECT_G=k] [,T_DIV_SECT_D=l] [,T_DIV_SECT_E=m]
[,T_DIV_SECT_Z=n] [,SECT_T_ADV_A=o]
[,SECT_T_ADV_B=p] [,SECT_T_ADV_G=q] [,SECT_T_ADV_D=r]
[,SECT_T_ADV_E=s] [,SECT_T_ADV_Z=t] [,T_DIV_T_ADV_A=u]
[,T_DIV_T_ADV_B=v] [,T_DIV_T_ADV_G=w] [,T_DIV_T_ADV_D=x]
[,T_DIV_T_ADV_E=y] [,T_DIV_T_ADV_Z=z];

- Input CHG-CHIP1-CONF:BSC=0, BTS=0,SECT_GAIN_A=255;
- Output

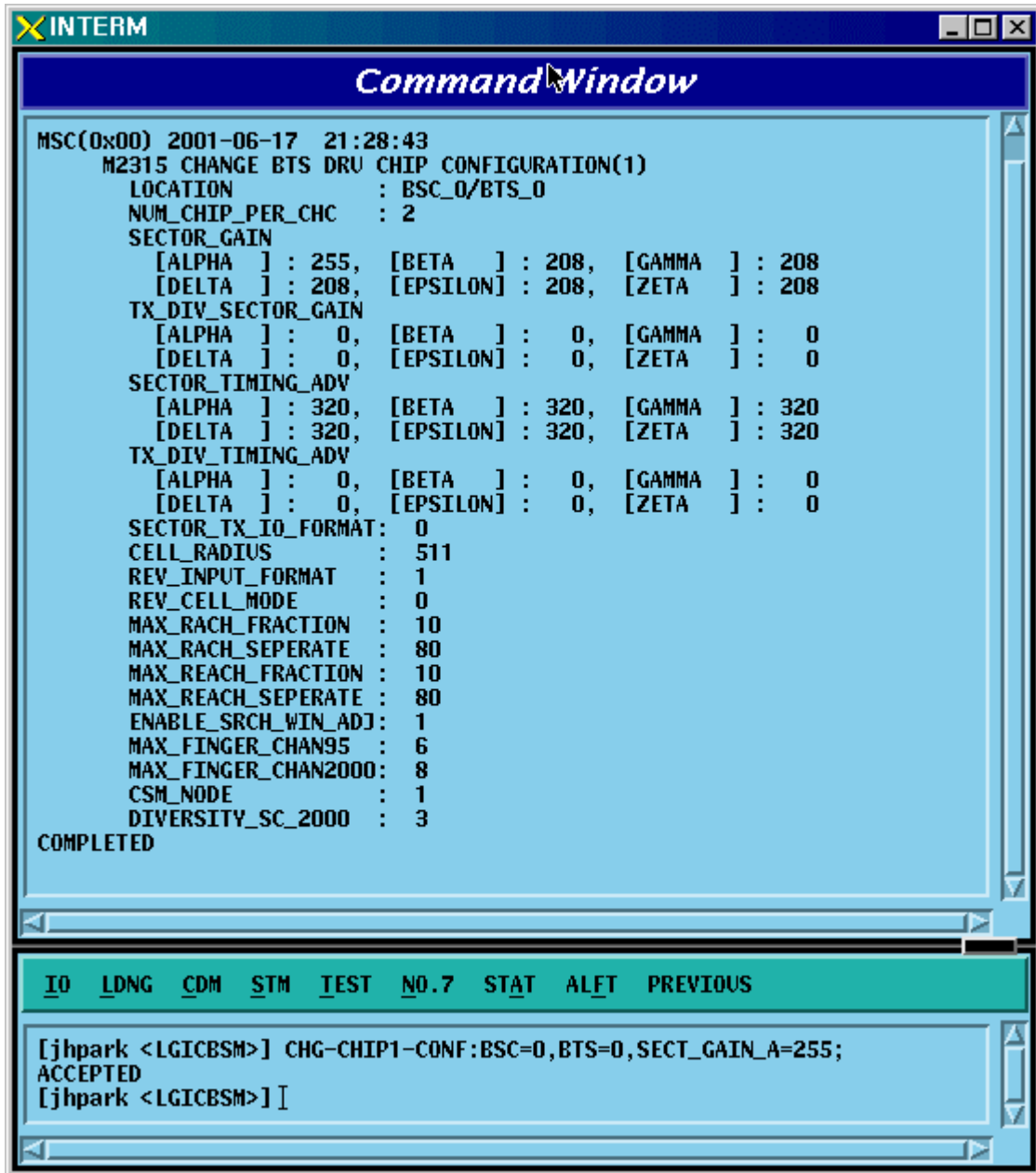


Fig. 4.3-134 Channel Card Chip Configuration Information (1) Change Display

4.3.8.3. Channel Card Chip Configuration Information (2) Change

- Command CHG-CHIP2-CONF :BSC=a ,BTS=b [,NUM_CHIP=c] [,SECT_T_IO=d]
[,CELL_RADIUS=e] [,REV_IN_FORM=f] [,R_CELL_MODE=g]
[,MAX_RACH_F=h] [,MAX_RACH_S=i] [,MAX_REACH_F=j]
[,MAX_REACH_S=k] [,SRCH_WIN_ADJ=l] [,MAX_CH95=m]
[,MAX_CDMA2K=n] [,CSM_MODE=o] [,DIV_SCALE_2K=p];

- Input CHG-CHIP2-CONF: BSC=0, BTS=0, NUM_CHIP=255;
- Output

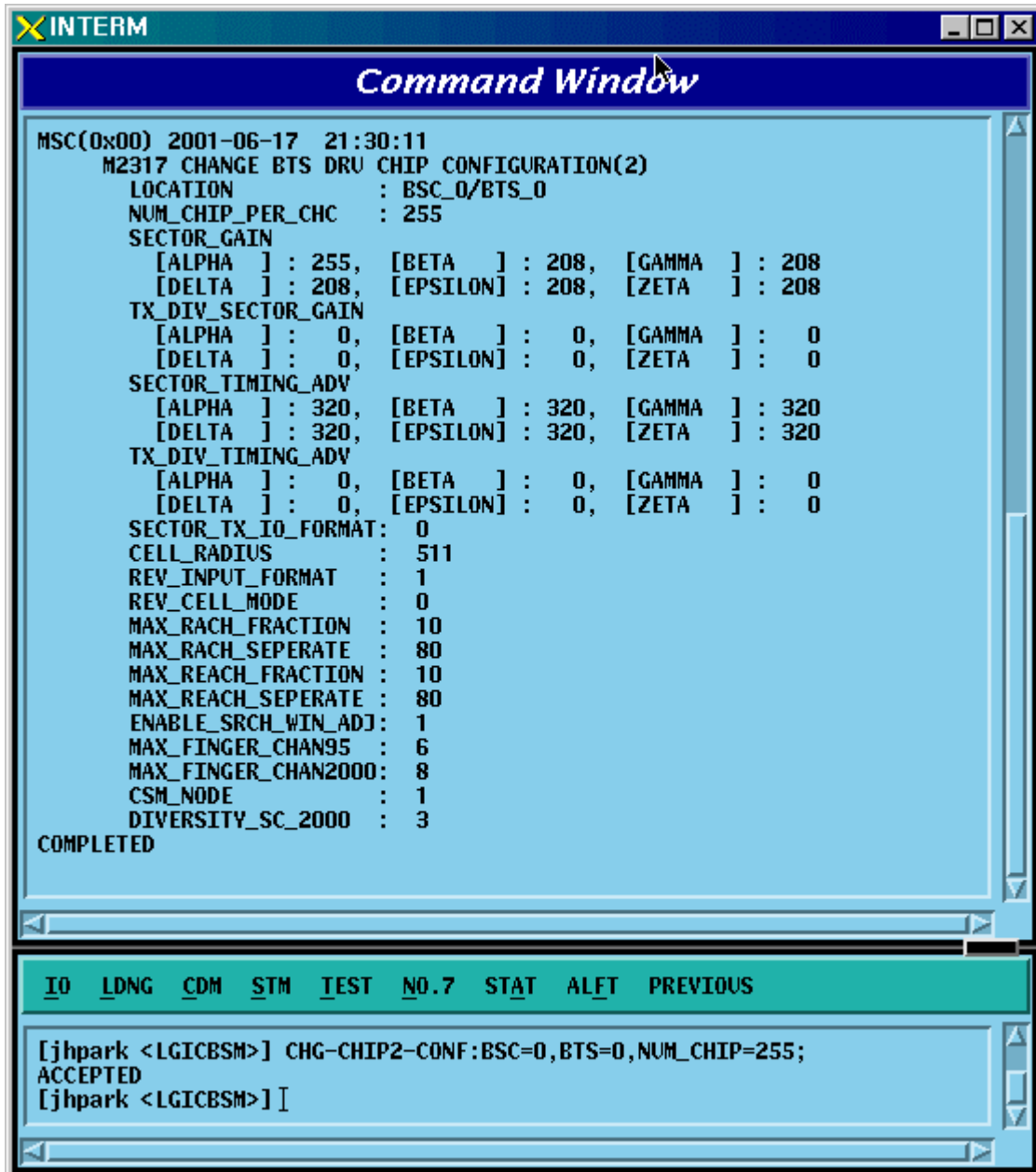


Fig. 4.3-135 Channel Card Chip Configuration Information (2) Change Display

4.3.8.4. PDSN CONFIG Addition

- Command ADD-PDSN-CONF :PCF=a ,PDSN_IDX=b ,PDSN_IP=c;
- Input ADD-PDSN-CONF: BSC=0, BTS=0,PDSN_IP=255.255.255.0;
- Output

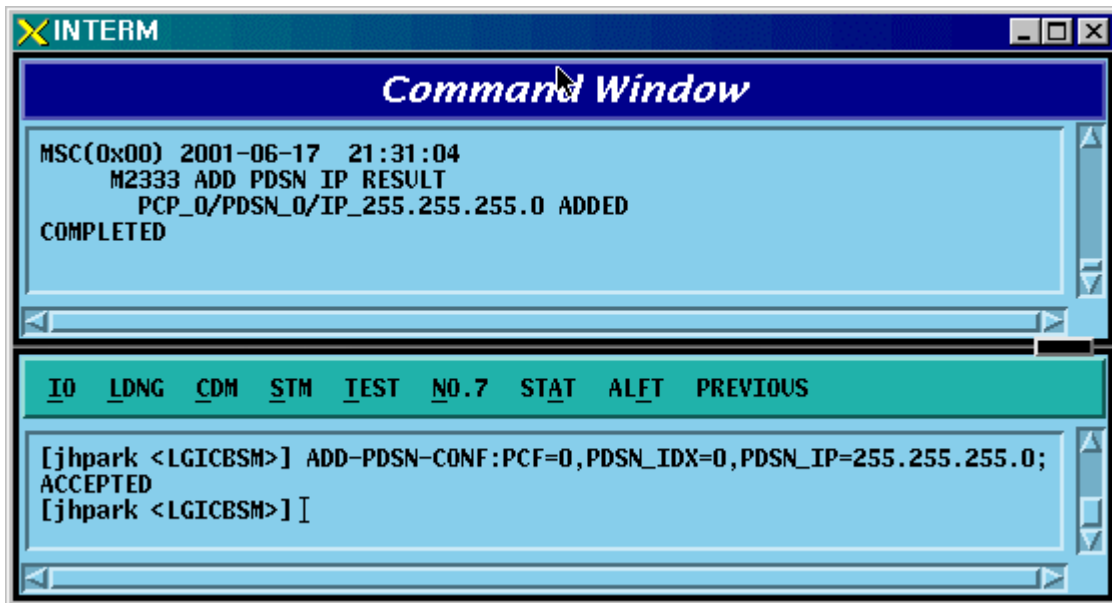


Fig. 4.3-136 PDSN Configuration Addition Display

4.3.8.5. PDSN CONFIG Deletion

- Command RMV-PDSN-CONF :PCF=a ,PDSN_IDX=b;
- Input RMV-PDSN-CONF: BSC=0, BTS=0,PDSN_IDX=1;
- Output

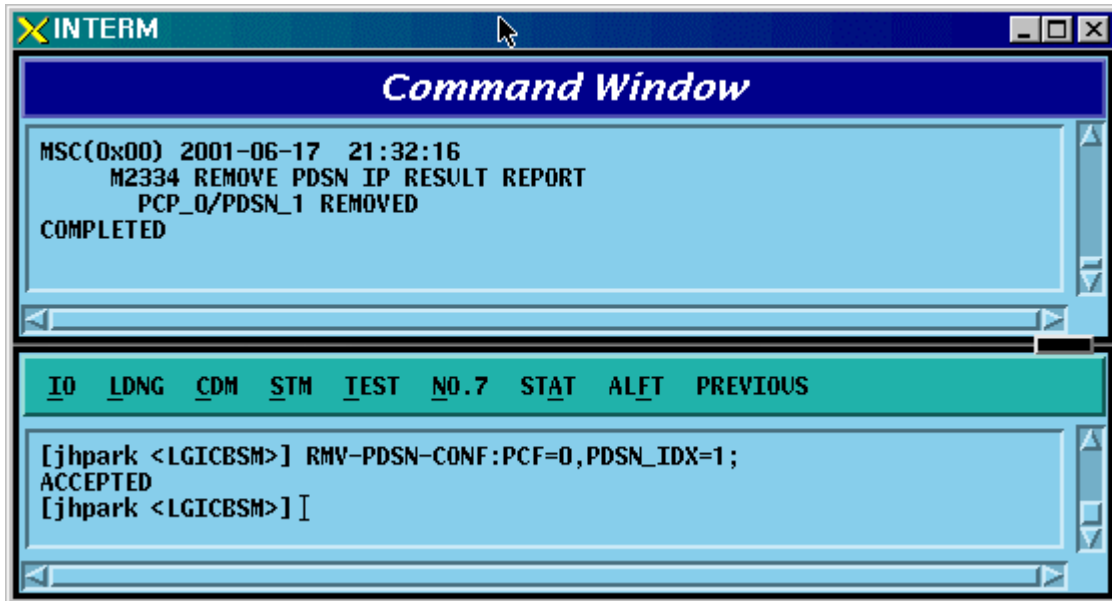


Fig. 4.3-137 PDSN Configuration Deletion Display

4.3.8.6. PDSN CONFIG Change

- Command CHG-PDSN-CONF :PCF=a ,PDSN_IDX=b ,PDSN_IP=c;
- Input CHG-PDSN-CONF: BSC=0, BTS=0,PDSN_IP=127.0.0.1;
- Output

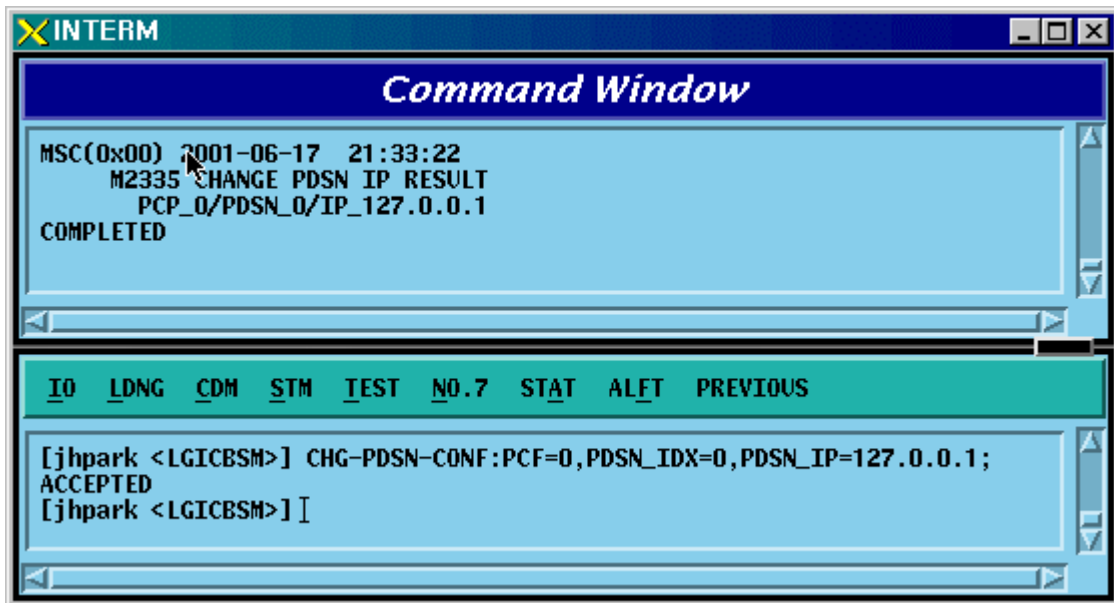


Fig. 4.3-138 PDSN Configuration Change Display

4.3.8.7. PDSN NODE Addition

- Command ADD-PDSN-NODE :PCF=a ,PDSN_IDX=b ,PDSN_NODE_IDX=c ,
PDSN_NODE_IP=d ,SSK_VALUE=e
- Input ADD-PDSN-NODE: BSC=0, BTS=0,PDSN_NODE_IDX=0,
PDSN_NODE_IP:128.128.128.128;
- Output

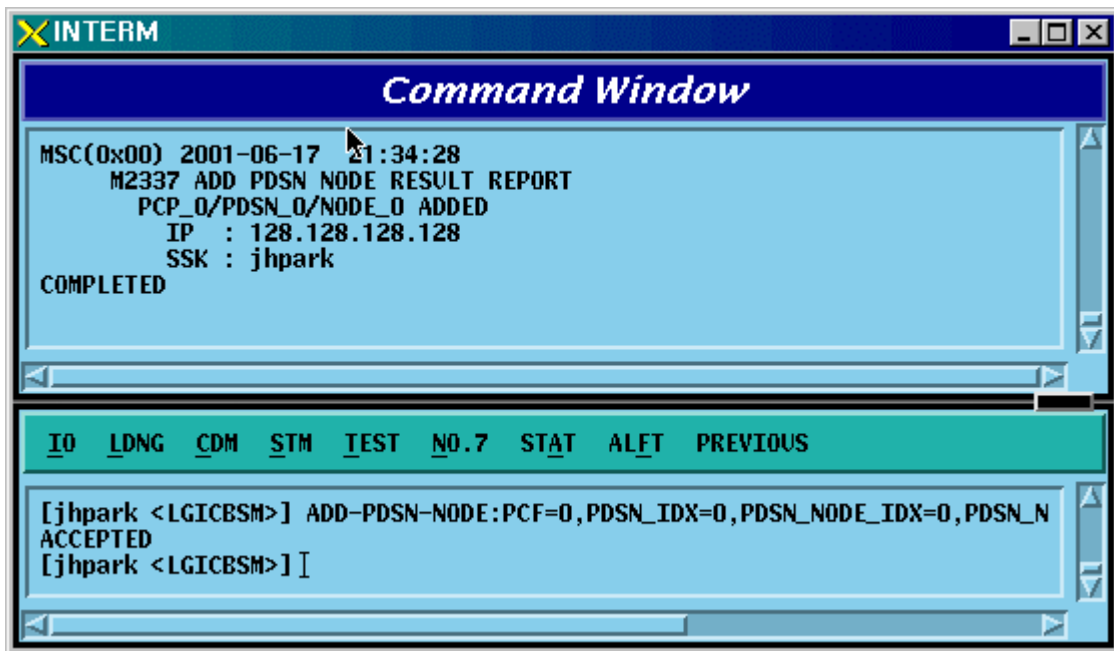


Fig. 4.3-139 PDSN NODE Addition Display

4.3.8.8. PDSN NODE Deletion

- Command RMV-PDSN-NODE :PCF=a ,PDSN_IDX=b ,PDSN_NODE_IDX=c;
- Input RMV-PDSN-NODE: BSC=0, BTS=0,PDSN_IDX=0,PDSN_NODE_IDX=0;
- Output

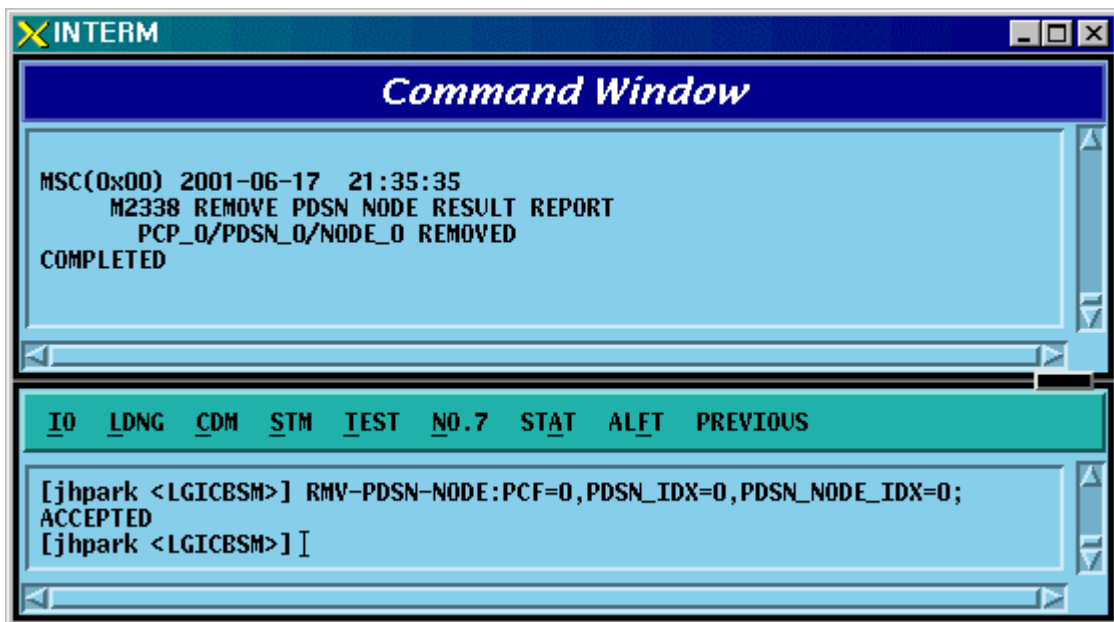


Fig. 4.3-140 PDSN NODE Deletion Display

4.3.8.9. PDSN NODE Change

- Command CHG-PDSN-NODE :PCF=a ,PDSN_IDX=b ,PDSN_NODE_IDX=c
[,PDSN_NODE_IP=d] [,SSK_VALUE=e]
- Input CHG-PDSN-NODE: BSC=0, BTS=0,PDSN_IDX=0,PDSN_NODE_IDX=0,
PDSN_NODE_IP=100.100.0.1, SSK_VALUE=gamdok;
- Output

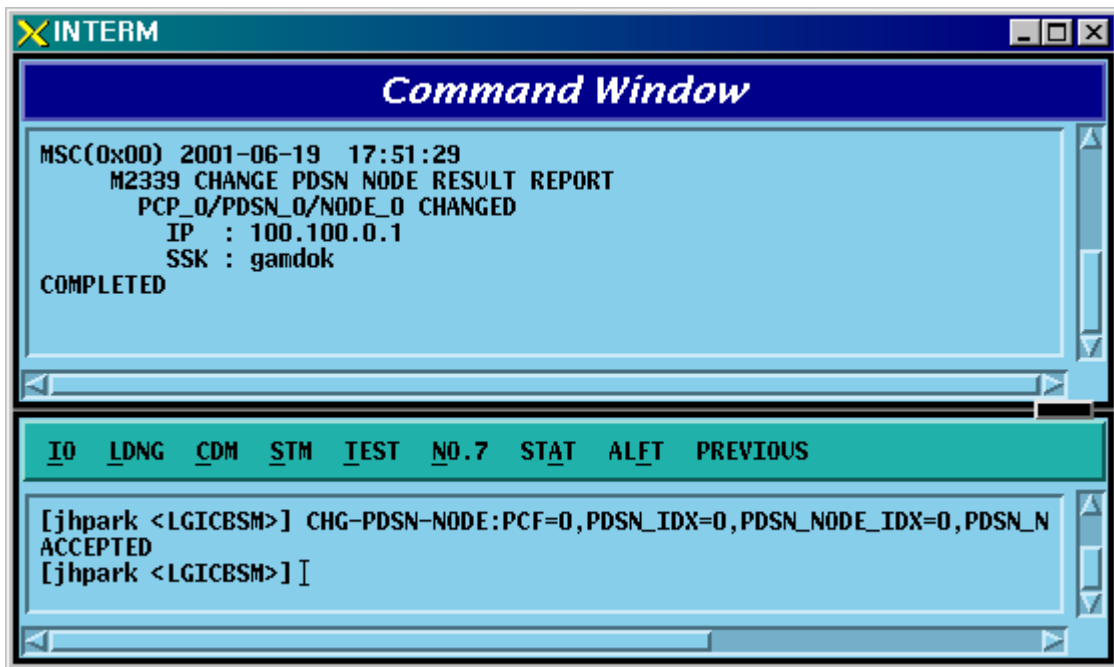


Fig. 4.3-141 PDSN NODE Change Display

4.3.8.10. BSC Node Movement

- Command MOV-BSC-NODE :T_PROC=a ,BSC=b ,CARD=c ,LINK=d;
- Input MOV-BSC-NODE: T_PROC=CNP,BSC=0,CARD=1,LINK=6;;
- Output

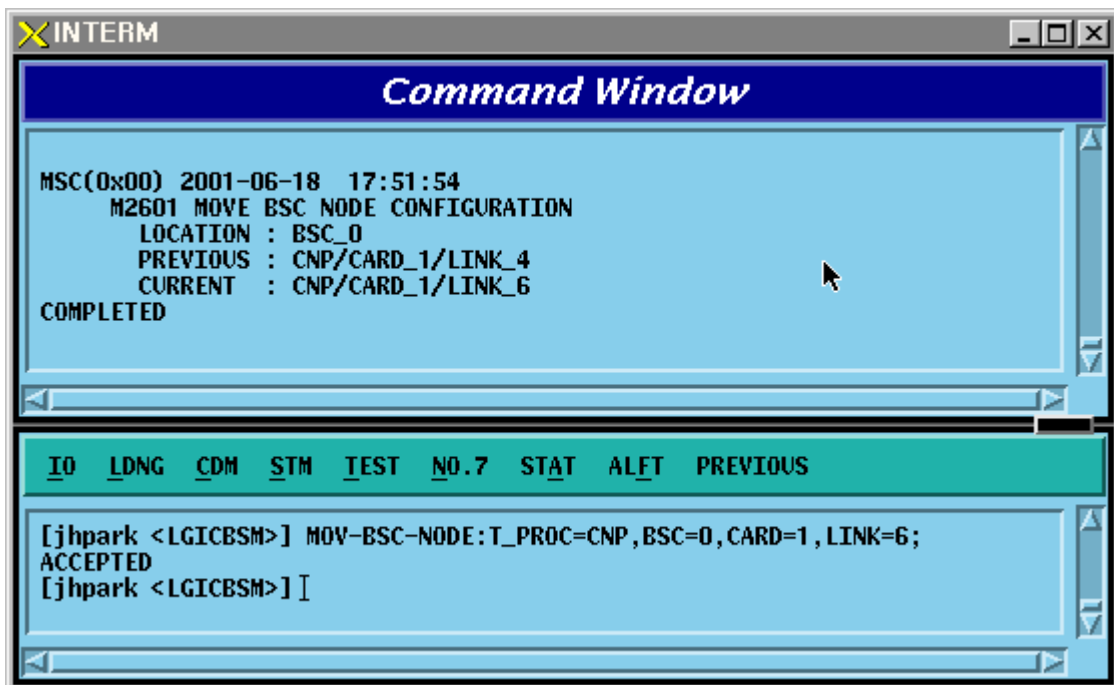


Fig. 4.3-142 BSC NODE Movement Display

4.3.8.11. PCF Node Movement

- Command MOV-PCF-NODE :PCF=a ,CARD0=b ,LINK0=c ,CARD1=d ,LINK1=e
 ,CARD2=f ,LINK2=g ,CARD3=h ,LINK3=i;

- Input MOV-PCF-NODE: BSC=0, BTS=0,PA_TYPE=FA_NEQ;
- Output

4.3.8.12. SMP Node Movement

- Command MOV-SMP-NODE :BSC=a ,SMP=b ,CARD=c ,LINK=d;

- Input MOV-SMP-NODE: BSC=0, SMP=0,CARD=1,LINK=6
- Output

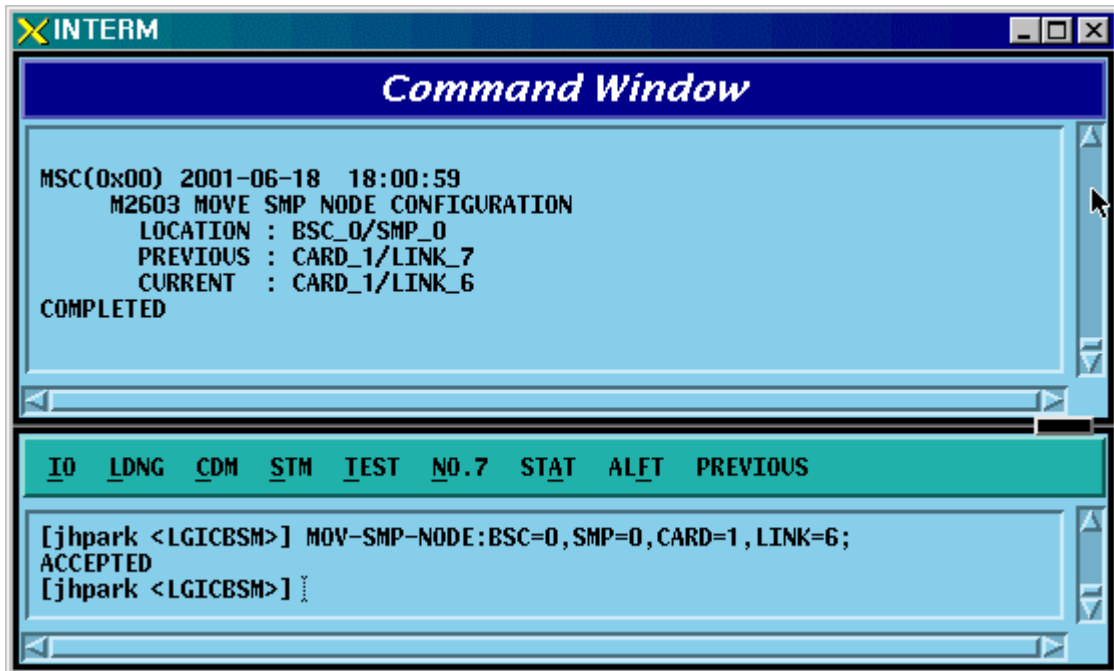


Fig. 4.3-143 SMP NODE Movement Display

4.3.8.13. VMP Node Movement

- Command MOV-VMP-NODE :BSC=a ,VMP=b ,CARD=c ,LINK=d;
- Input MOV-VMP-NODE: BSC=0, VMP=0, CARD=1, LINK=6;
- Output

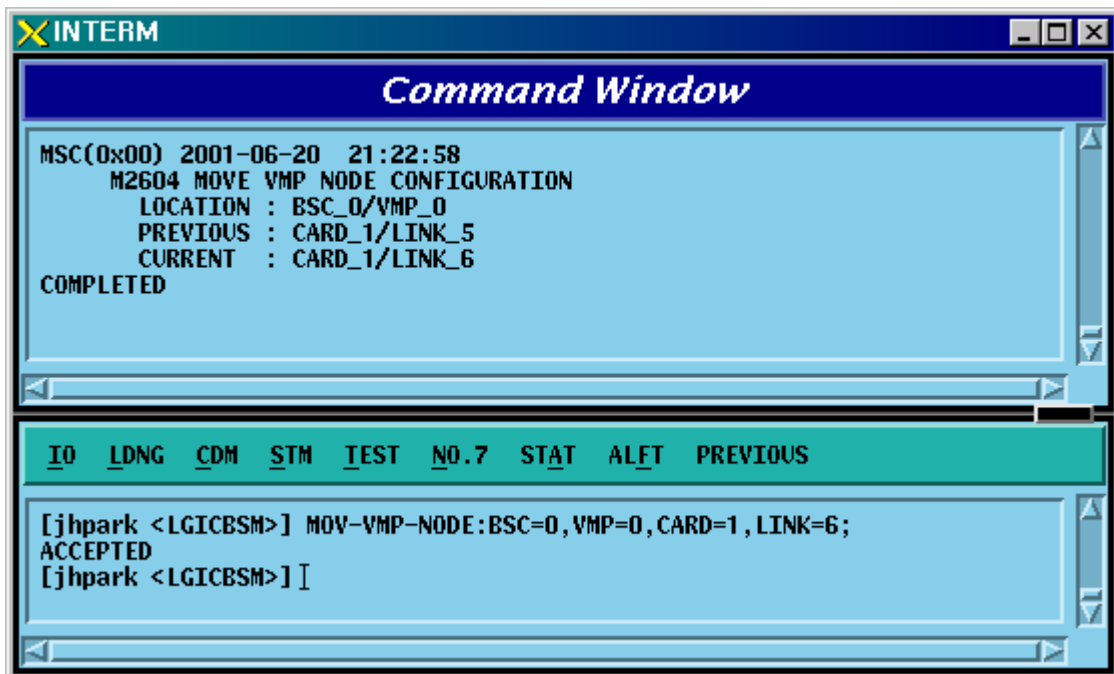


Fig. 4.3-144 VMP NODE Movement Display

4.3.8.14. BTS ID Movement

- Command MOV-BTS-ID :BSC=a ,OLD_BTS=b ,NEW_BTS=c;
- Input MOV-BTS-ID: BSC=0, OLD_BTS=0,NEW_BTS=2;
- Output

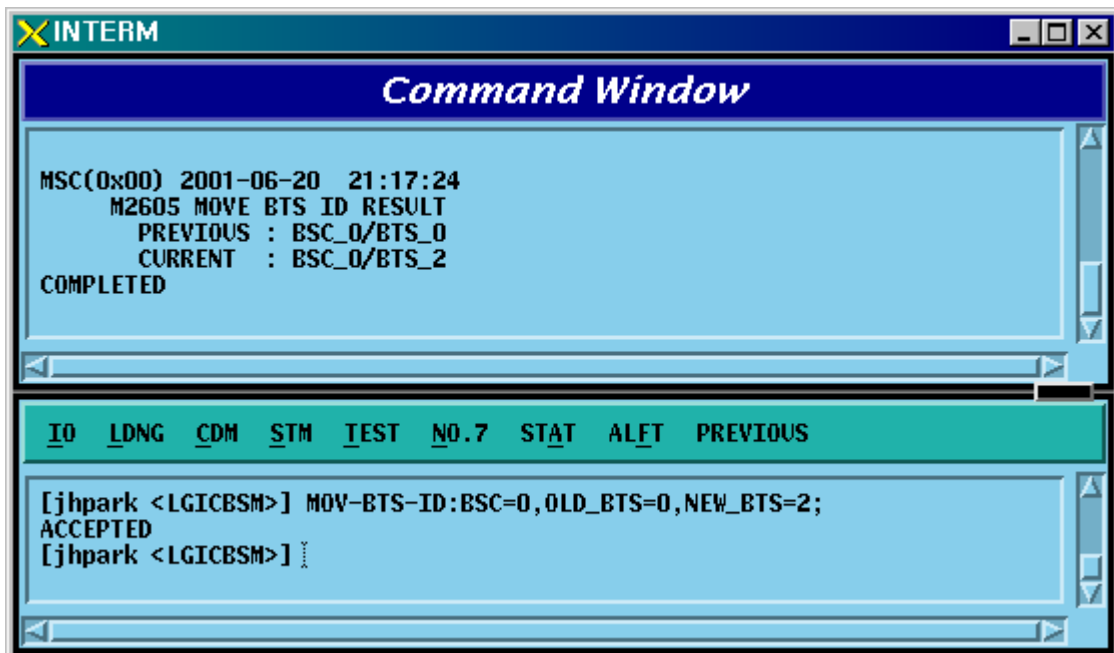


Fig. 4.3-145 BTS ID Movement Display

4.3.8.15. BTS TRUNK Node Movement

For this command, execute DIS-TRNK-DATA first to input the parameter value.

- Command `MOV-BTS-TRNK :BSC=a ,BTS=b ,OLD_ALMA=c ,OLD_ALPA=d ,
OLD_ALPA_LINK=e ,NEW_ALMA=f ,NEW_ALPA=g ,NEW_ALPA_LINK=h;`
- Input `MOV-BTS-TRNK: BSC=0, BTS=2,
OLD_ALMA=0,OLD_ALPA=0,OLD_ALPA_LINK=0,
NEW_ALMA=1,NEW_ALPA=1,NEW_ALPA_LINK=1;`
- Output

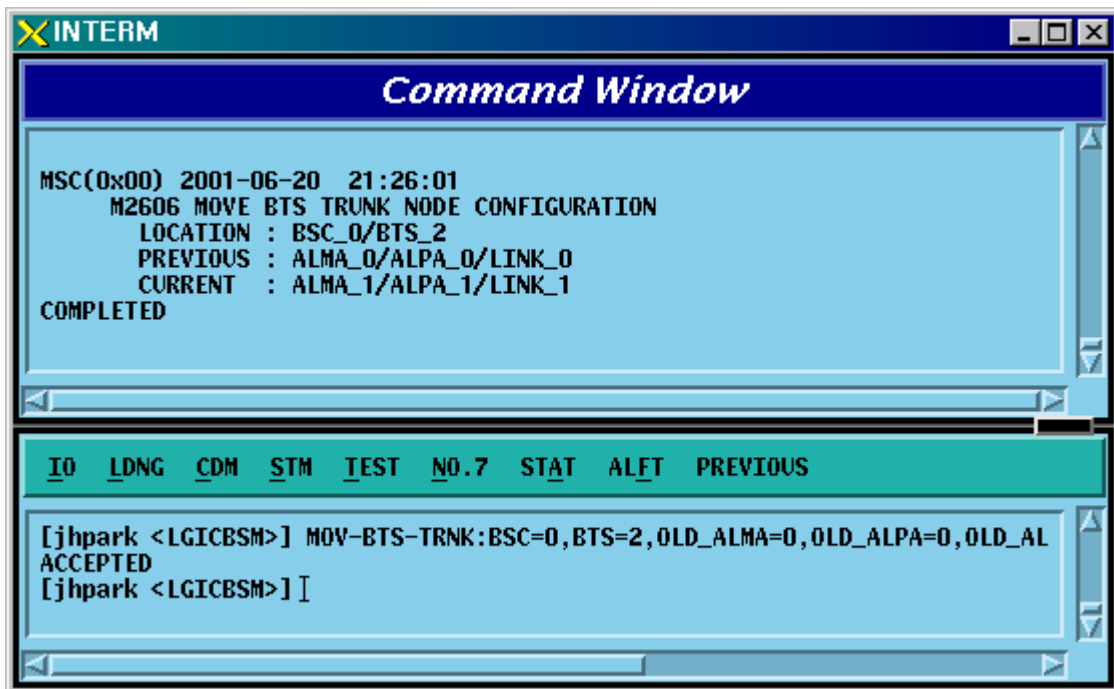


Fig. 4.3-146 BTS TRUNK Movement display

4.3.8.16. LICA LINK Movement

- Command MOV-LICA-LINK :BSC=a ,BTS=b ,OLD_LICA=c ,OLD_LINK=d ,NEW_LICA=e ,NEW_LINK=f;
- Input MOV-LICA-LINK: BSC=0, BTS=1, OLD_LICA=0, OLD_LINK=0, NEW_LICA=1, NEW_LINK=1;
- Output

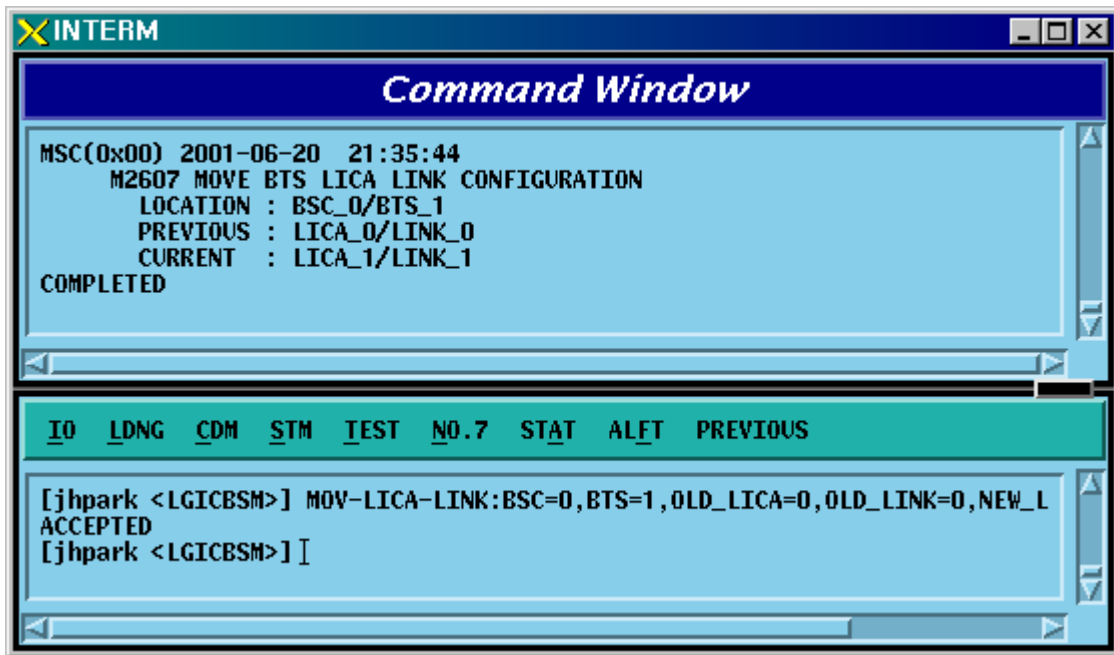


Fig. 4.3-147 LICA LINK Movement Display

4.3.8.17. OVERHEAD CHANNEL Configuration Information Movement

Refer to DIS-OVHD-CONF command

- Command MOV-OVHD-CONF :BSC=a ,BTS=b ,SECT=c ,CDMACH=d ,
NEW_CHC=e ;
- Input MOV-OVHD-CONF: BSC=0, BTS=0,
SECTOR=ALPHA,CDMACH=0,NEW_CHC=1;
- Output

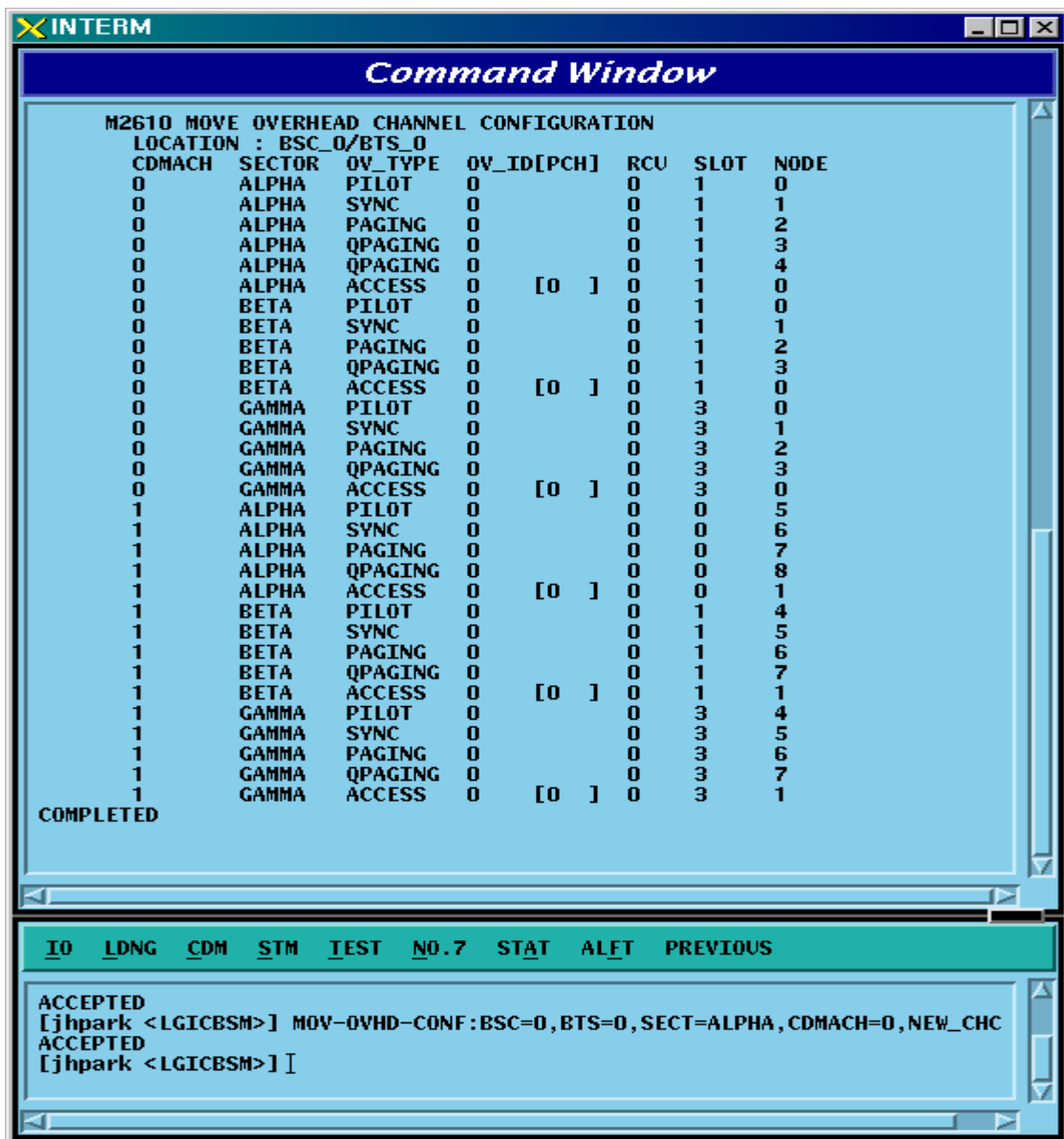


Fig. 4.3-148 OVHD Channel Configuration Information Movement Display

4.3.8.18. BSC Configuration Addition

- Command ADD-BSC-CONF :T_PROC=a ,BSC=b ,CARD=c ,LINK=d;
- Input ADD-BSC-CONF: BSC=0, BTS=0,PA_TYPE=FA_NEQ;
- Output

4.3.8.19. BSC Configuration Deletion

- Command RMV-BSC-CONF :T_PROC=a ,BSC=b;

- Input RMV-BSC-CONF: BSC=0, BTS=0,PA_TYPE=FA_NEQ;
- Output

4.3.8.20. PCF Configuration Addition

- Command ADD-PCF-CONF :PCF=a ,CARD0=b ,LINK0=c ,CARD1=d ,LINK1=e ,CARD2=f ,LINK2=g ,CARD3=h ,LINK3=i;
- Input ADD-PCF-CONF:PCF=1,CARD0=3,LINK0=4,CARD1=3,LINK1=4,CARD2=3,LINK2=4,CARD3=3,LINK3=4;
- Output

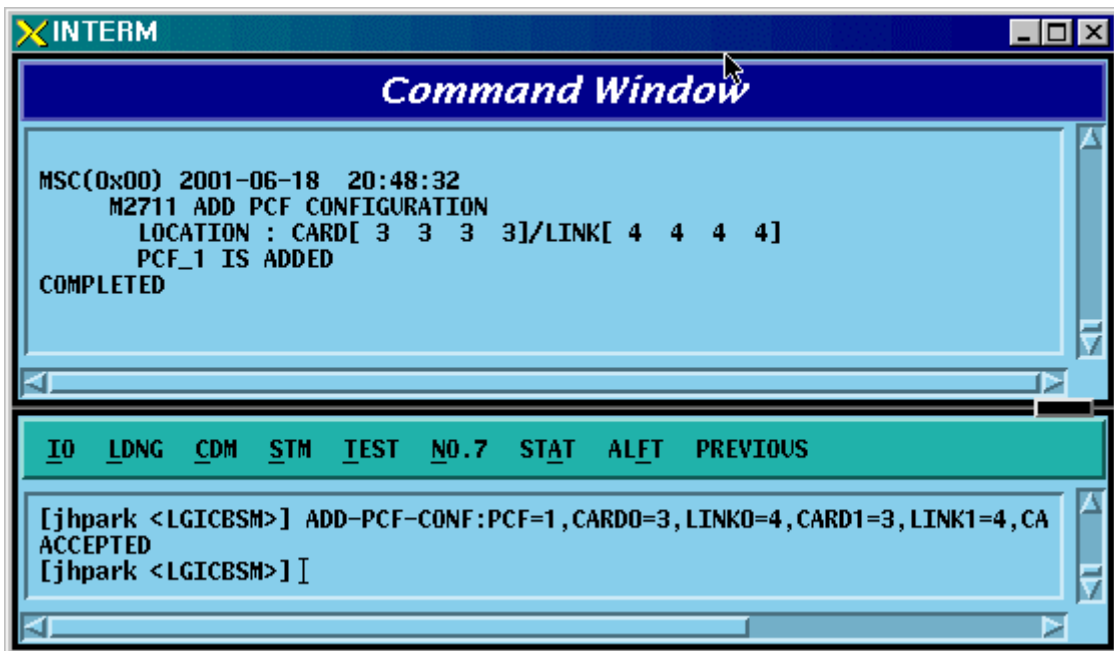


Fig. 4.3-149 PCF Configuration Addition Display

4.3.8.21. PCF Configuration Deletion

- Command RMV-PCF-CONF :PCF=a;
- Input RMV-PCF-CONF: PCF=1;
- Output

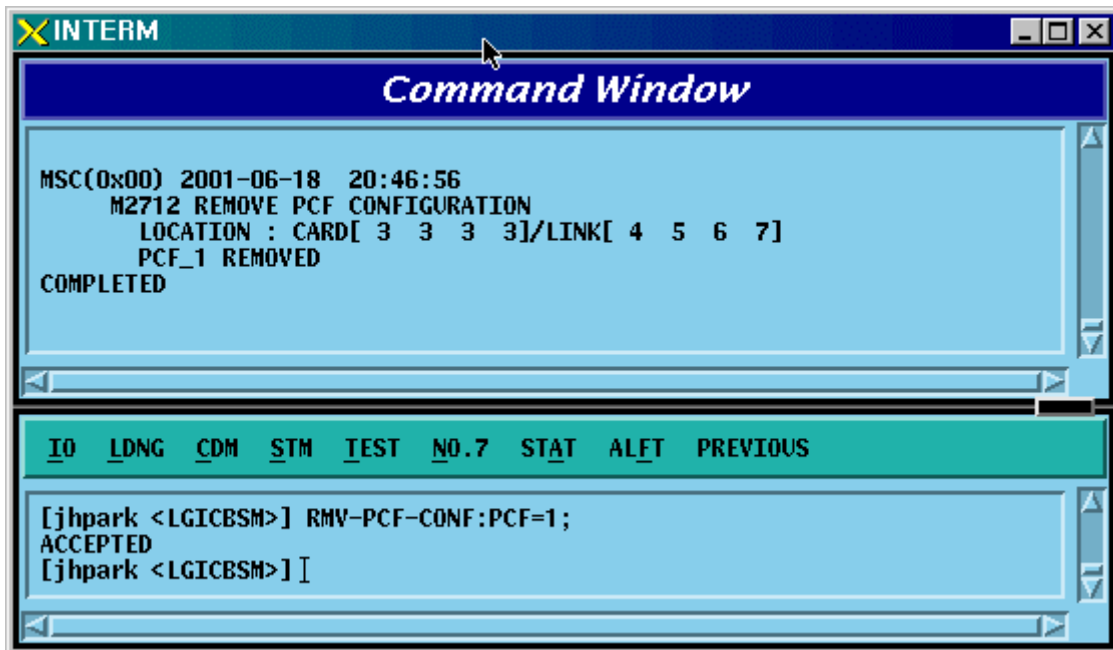


Fig. 4.3-150 PCF Configuration Deletion Display

4.3.8.22. SMP Configuration Addition

- Command ADD-SMP-CONF :BSC=a ,SMP=b ,CARD=c ,LINK=d;
- Input ADD-SMP-CONF: BSC=0,SMP=0,CARD=1,LINK=7;
- Output

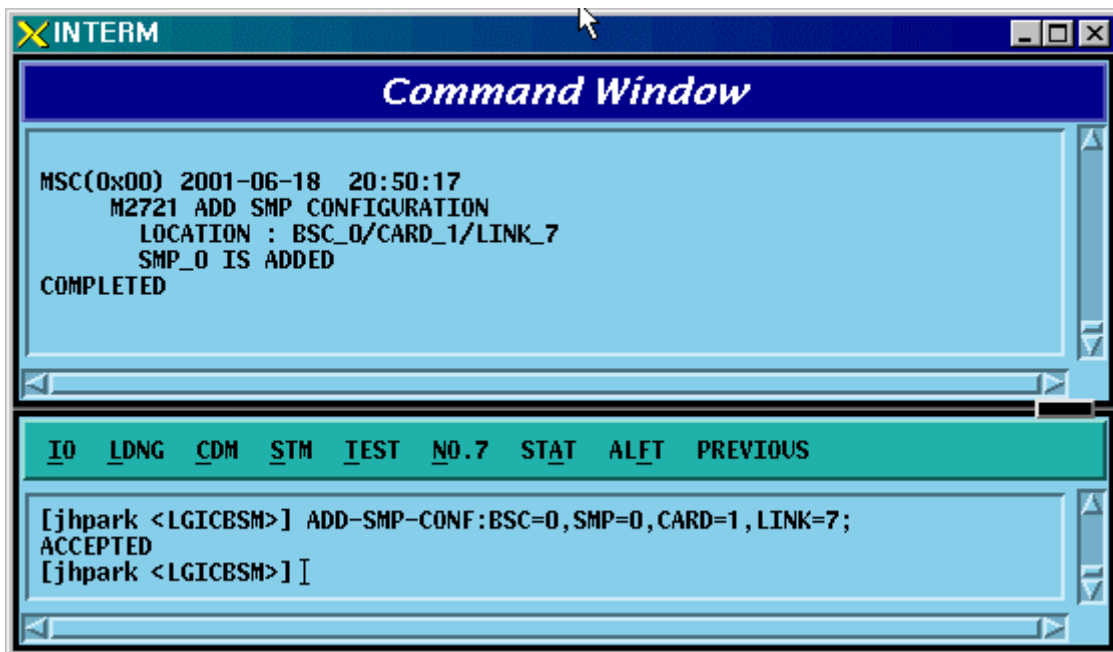


Fig. 4.3-151 SMP Configuration Addition Display

4.3.8.23. SMP Configuration Deletion

- Command `RMV-SMP-CONF :BSC=a ,SMP=b;`
- Input `RMV-SMP-CONF: BSC=0, SMP=0;`
- Output

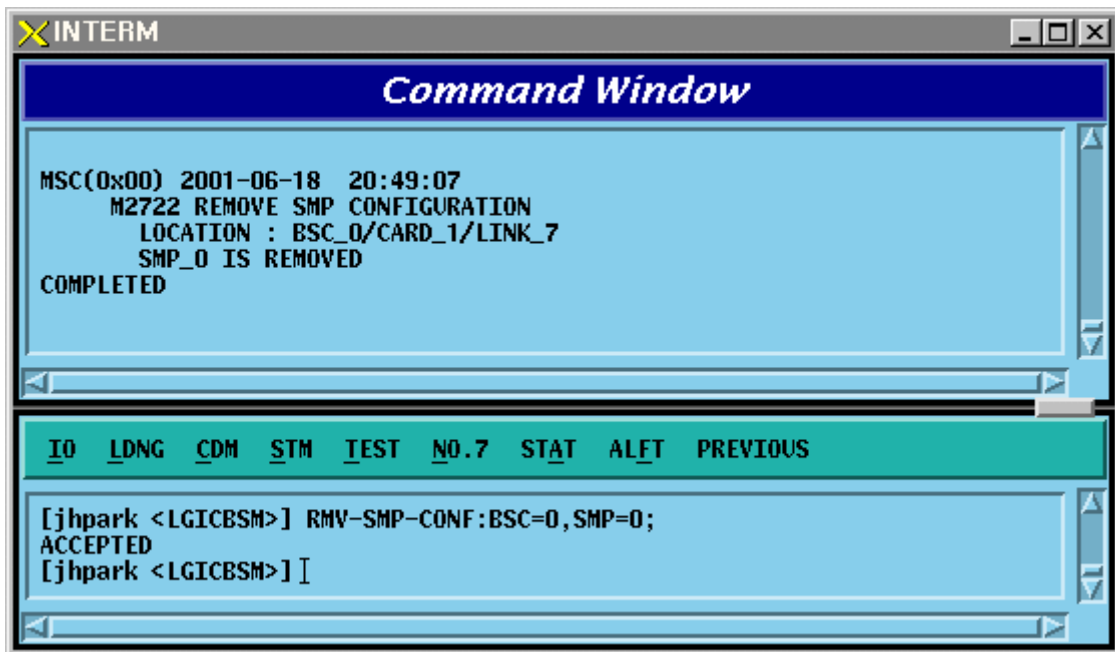


Fig. 4.3-152 SMP Configuration Deletion Display

4.3.8.24. VMP Configuration Addition

- Command ADD-VMP-CONF :BSC=a ,VMP=b ,CARD=c ,LINK=d;

- Input ADD-VMP-CONF: BSC=0,VMP=0,CARD=1,LINK=5;

- Output

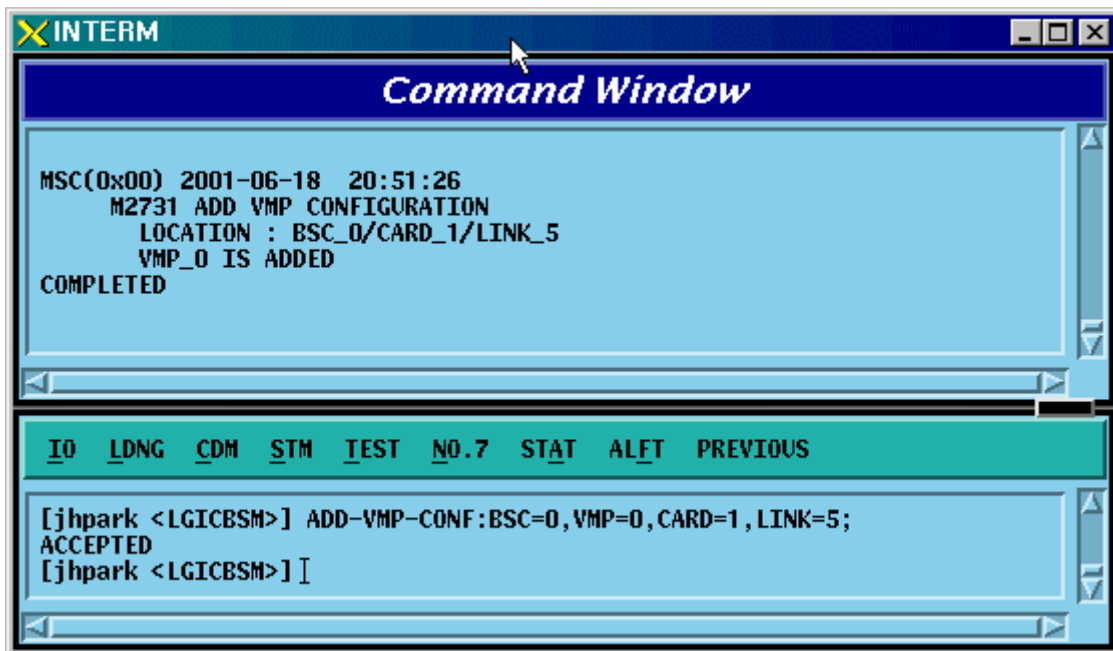


Fig. 4.3-153 VMP Configuration Addition Display

4.3.8.25. VMP Configuration Deletion

- Command RMV-VMP-CONF :BSC=a ,VMP=b;

- Input RMV-VMP-CONF: BSC=0, VMP=0;

- Output

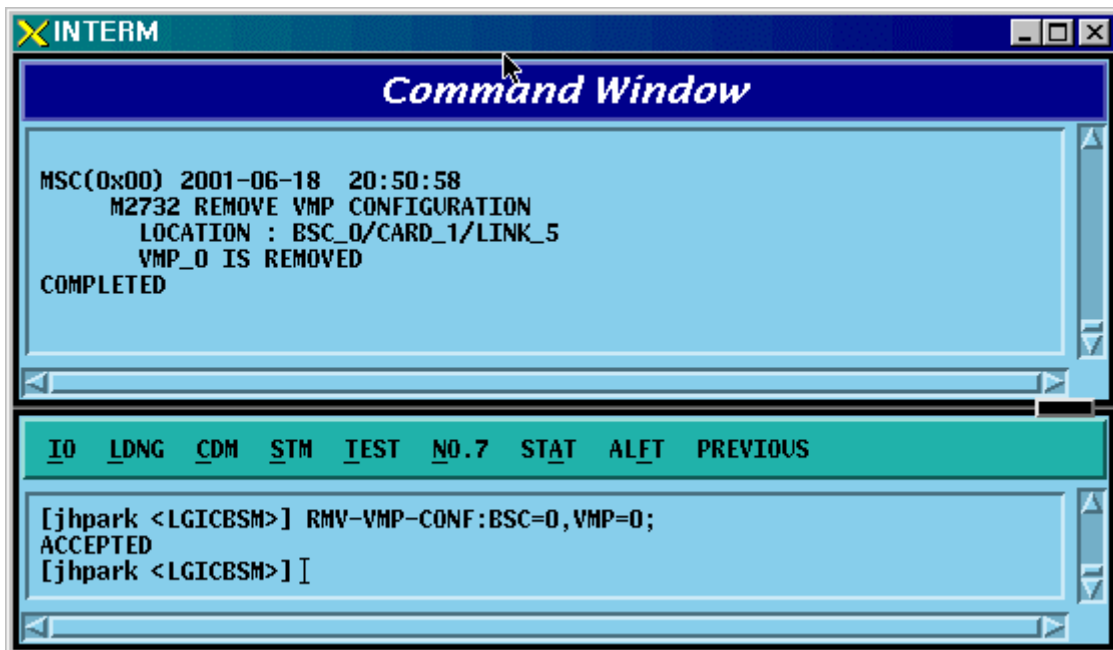
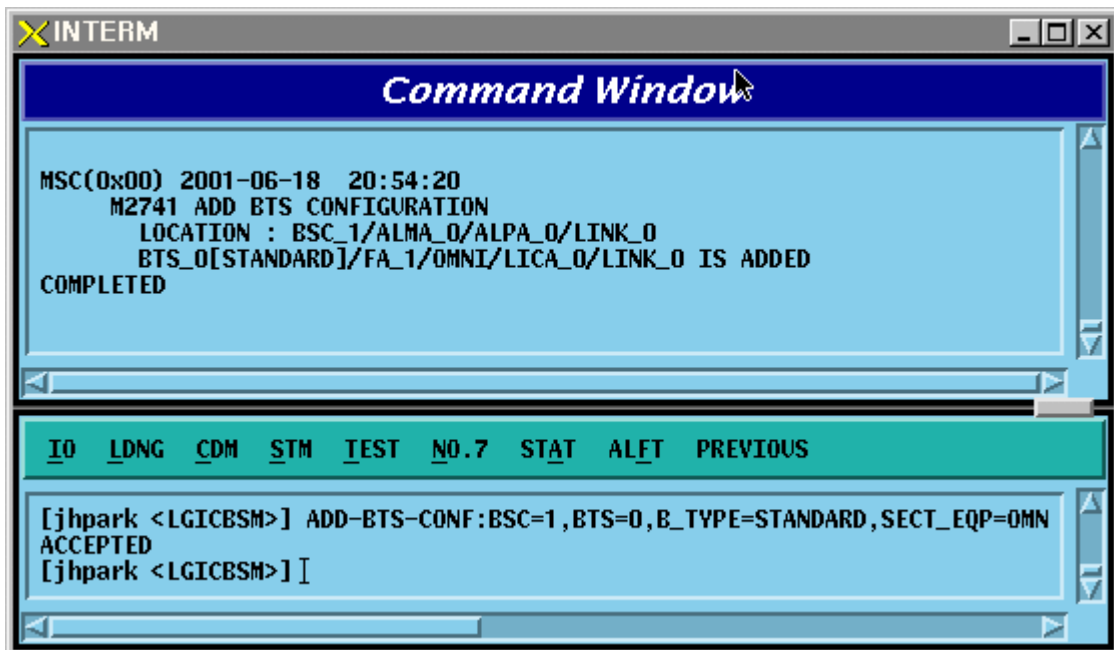


Fig. 4.3-154 VMP Configuration Deletion Display

4.3.8.26. BTS Configuration Addition

- Command ADD-BTS-
 CONF :BSC=a ,BTS=b ,B_TYPE=c ,SECT_EQP=d ,SECT_RANGE=e
 ,ALMA=f ,ALPA=g ,ALPA_LINK=h ,LICA=i ,LICA_LINK=j
 ,FA0_CH_NUM=k ,PN_ALPHA=l [,PN_BETA=m]
 [,PN_GAMMA=n] [,PN_DELTA=o] [,PN_EPSILON=p]
 [,PN_ZETA=q] [,PA_TYPE=r] [,ANT_TYPE=s] [,LNA_TYPE=t]
 [,RISA_EQP=u] [,BOTA_EQP=v];

- Input Input ADD-BTS-CONF: BSC=0, BTS=0; -> ADD-BTS-CONF: BSC=1, BTS=0,B_TYPE=STANDARD,SECT_EQP=OMNI;
- Output



4.3.8.27. BTS Configuration Deletion

- Command RMV-BTS-CONF :BSC=a ,BTS=b;

- Input RMV-BTS-CONF: BSC=1, BTS=0;
- Output

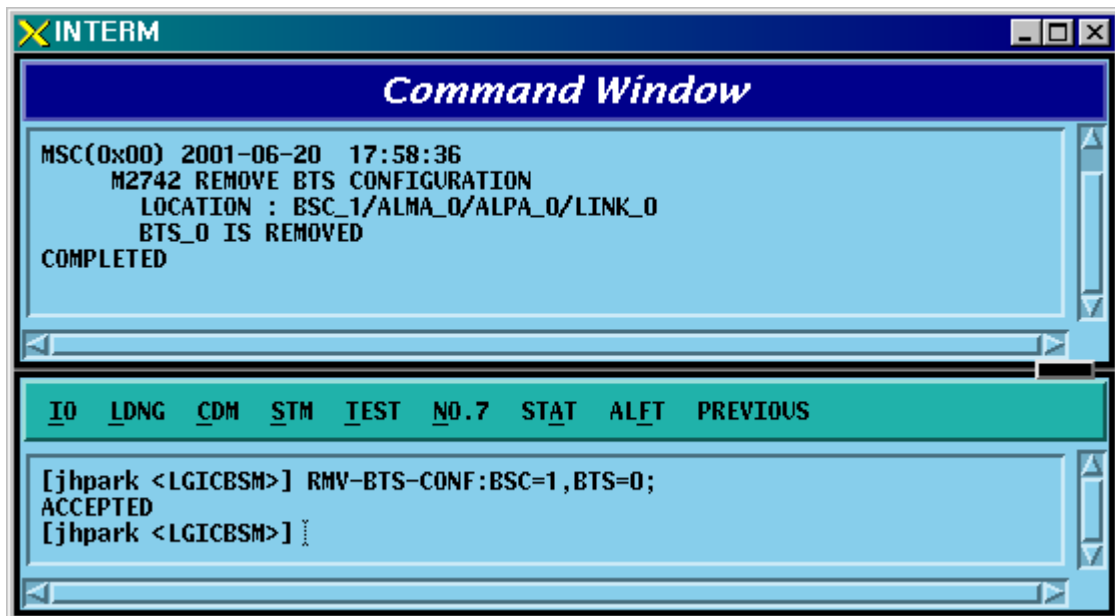


Fig. 4.3-155 BTS Configuration Deletion Display

4.3.8.28. SECTOR Configuration Addition

- Command ADD-SECT-CONF :BSC=a ,BTS=b ,SECT=c ,PN=d;

- Input ADD-SECT-CONF: BSC=0, BTS=0,PA_TYPE=FA_NEQ;
- Output

4.3.8.29. SECTOR Configuration Deletion

- Command RMV-SECT-CONF :BSC=a ,BTS=b ,SECT=c;

- Input RMV-SECT-CONF: BSC=0, BTS=0,PA_TYPE=FA_NEQ;
- Output

4.3.8.30. FA Configuration Addition

- Command ADD-FA-CONF :BSC=a ,BTS=b ,FA=c ,CH_NUM=d;

- Input ADD-FA-CONF: BSC=1, BTS=0,FA=0,CH_NUM=25;

- Output

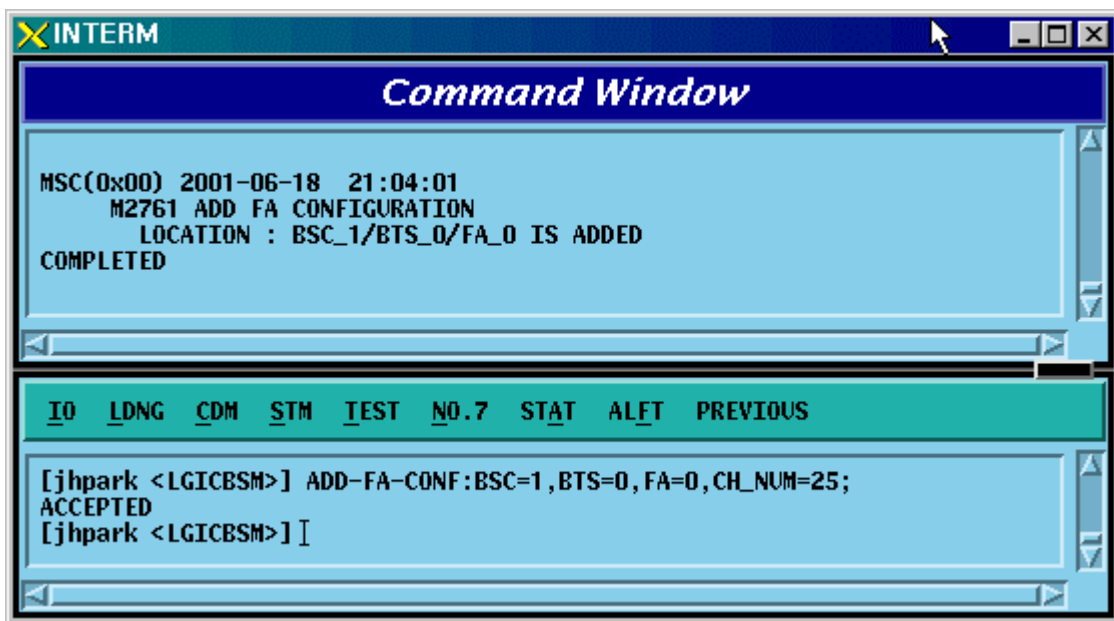


Fig. 4.3-156 FA Configuration Addition Display

4.3.8.31. FA Configuration Deletion

- Command RMV-FA-CONF :BSC=a ,BTS=b ,FA=c;

- Input RMV-FA-CONF: BSC=1, BTS=0,FA=0;

- Output

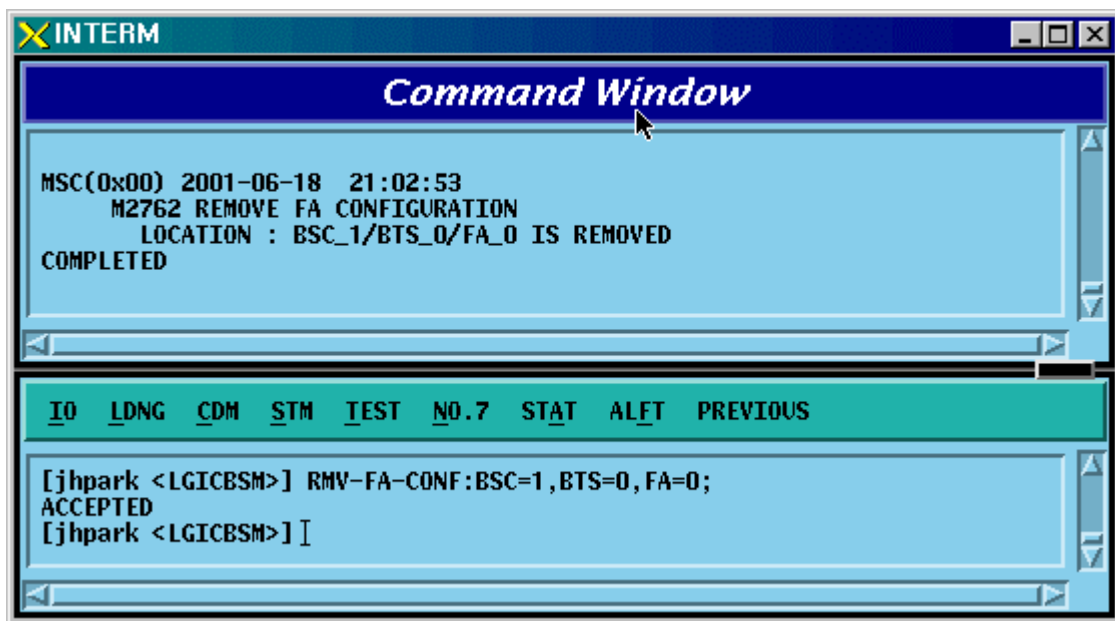


Fig. 4.3-157 FA Configuration Deletion Display

4.3.8.32. BSC-BTS TRUNK Configuration Addition

- Command `ADD-TRNK-CONF :BSC=a ,BTS=b ,ALMA=c ,ALPA=d ,ALPA_LINK=e ,LICA=f ,LICA_LINK=g ,ALLOC_TYPE=h;`
- Input `ADD-TRNK-CONF: BSC=0, BTS=0,PA_TYPE=FA_NEQ;`
- Output

4.3.8.33. BSC-BTS TRUNK Configuration Deletion

- Command `RMV-TRNK-CONF :BSC=a ,BTS=b ,ALMA=c ,ALPA=d ,ALPA_LINK=e ;`

- Input `RMV-TRNK-CONF: BSC=0, BTS=0,PA_TYPE=FA_NEQ;`
- Output

4.3.8.34. CAN PVC Configuration Addition

- Command ADD-CAN-PVC :NODE_A=a ,NODE_B=b ,VPCL_A=c ,VPCL_B=d
[,NO_VC=e] ;
- Input ADD-CAN-PVC: NODE_A=CTYPE_BSM_A, NODE_B=CTYPE_CNP_A,
VPCL_A=0,VPCL_B=0;
- Output

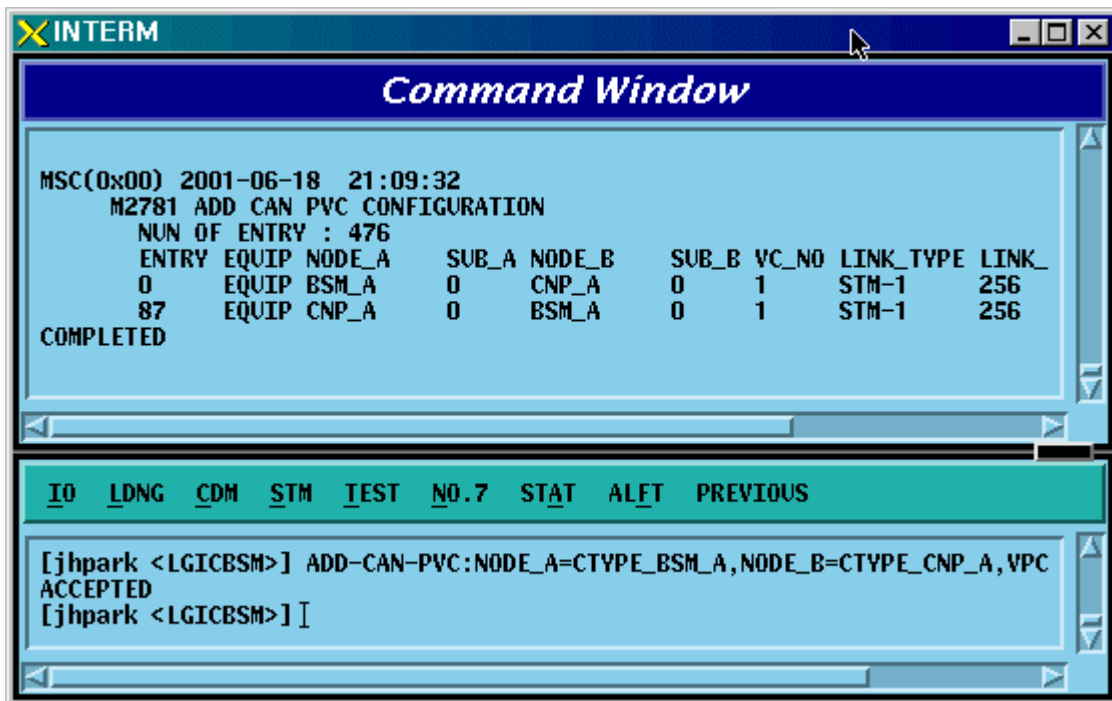


Fig. 4.3-158 CAN PVC Configuration Addition Display

4.3.8.35. CAN PVC Configuration Deletion

- Command RMV-CAN-PVC :INDEX=a;
- Input RMV-CAN-PVC: INDEX=0;
- Output

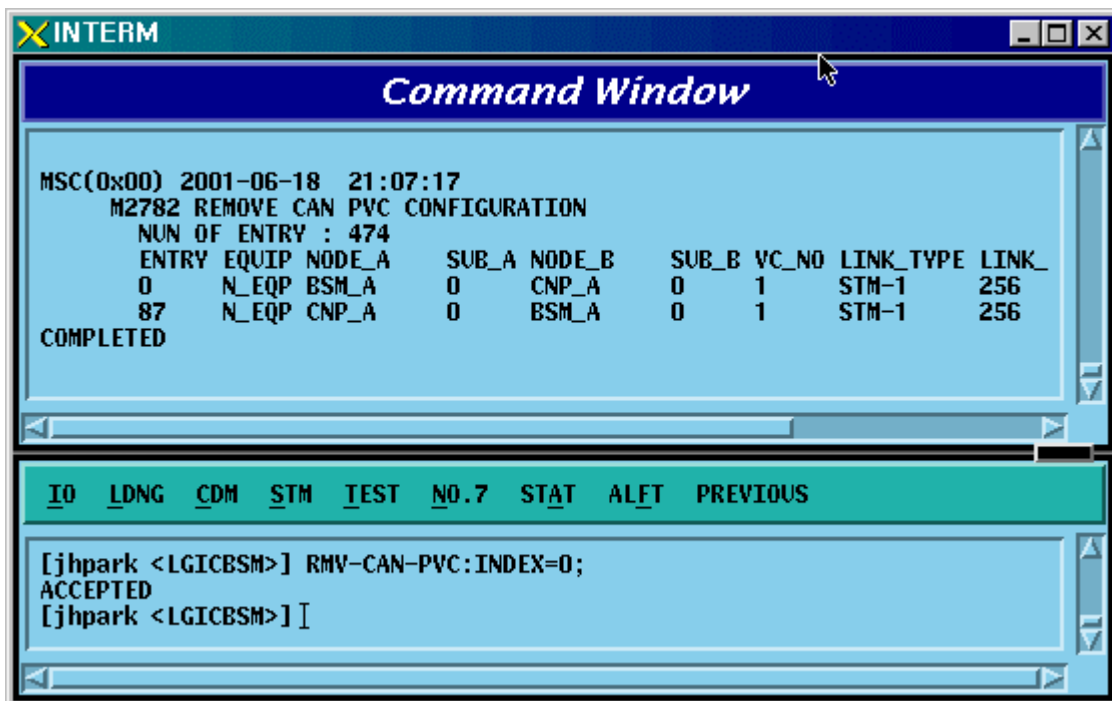


Fig. 4.3-159 CAN PVC Configuration Deletion Display

4.3.8.36. CPN PVC Configuration Addition

- Command ADD-CPN-PVC :NODE_A=a ,NODE_B=b ,VPCI_A=c ,VPCI_B=d
[,NO_VC=e] ;
- Input ADD-CPN-PVC:NODE_A=CTYPE_CAN_A, NODE_B=CTYPE_CAN_B,
VPCI_A=0, VPCI_B=0;
- Output

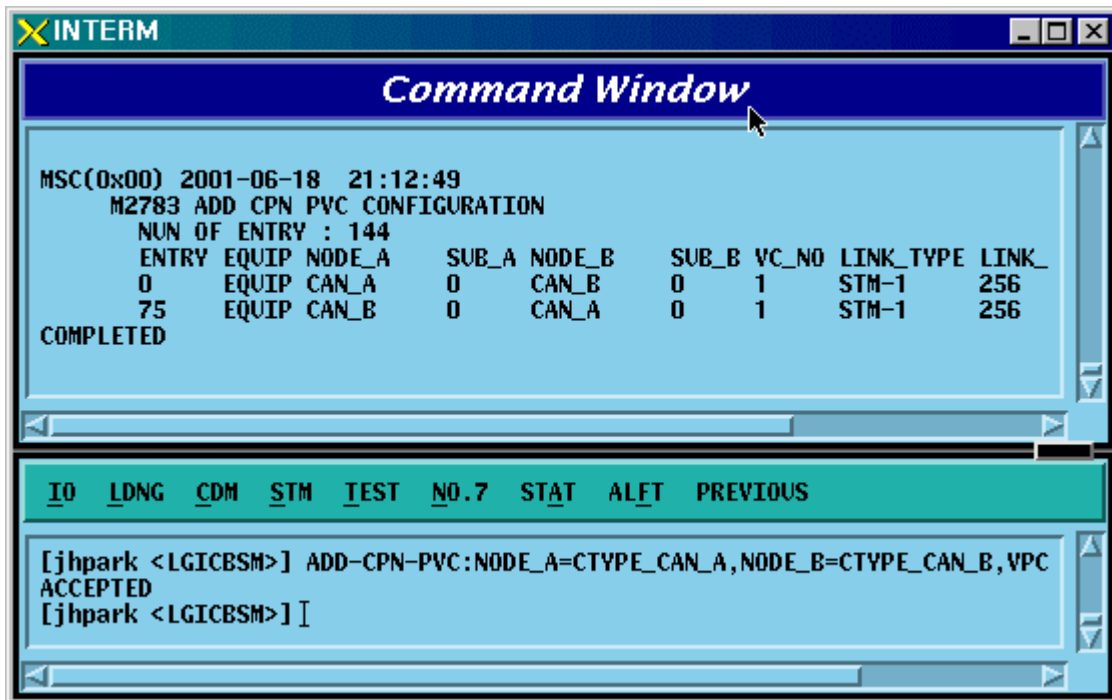


Fig. 4.3-160 CPN PVC Configuration Addition Display

4.3.8.37. CPN PVC Configuration Deletion

- Command RMV-CPN-PVC :INDEX=a;

- Input RMV-CPN-PVC: INDEX=0;

- Output

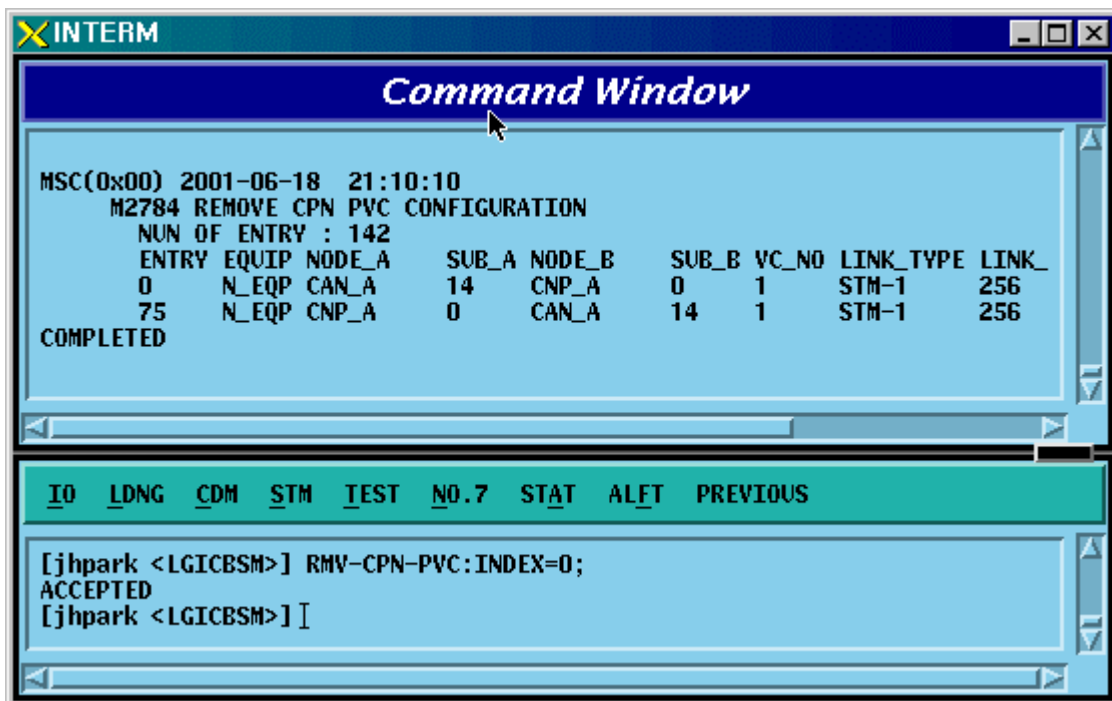


Fig. 4.3-161 CPN PVC Configuration Deletion Display

4.3.8.38. BSC PVC Configuration Addition

- Command ADD-BSC-PVC :BSC=a ,NODE_A=b ,NODE_B=c ,VPCI_A=d ,VPCI_B=e
[,NO_VC=f];
- Input ADD-BSC-PVC:BSC=0, NODE_A=CTYPE_CCP_A, NODE_B=CTYPE_CCP_B,
VPCI_A=0, VPCI_B=0;
- Output

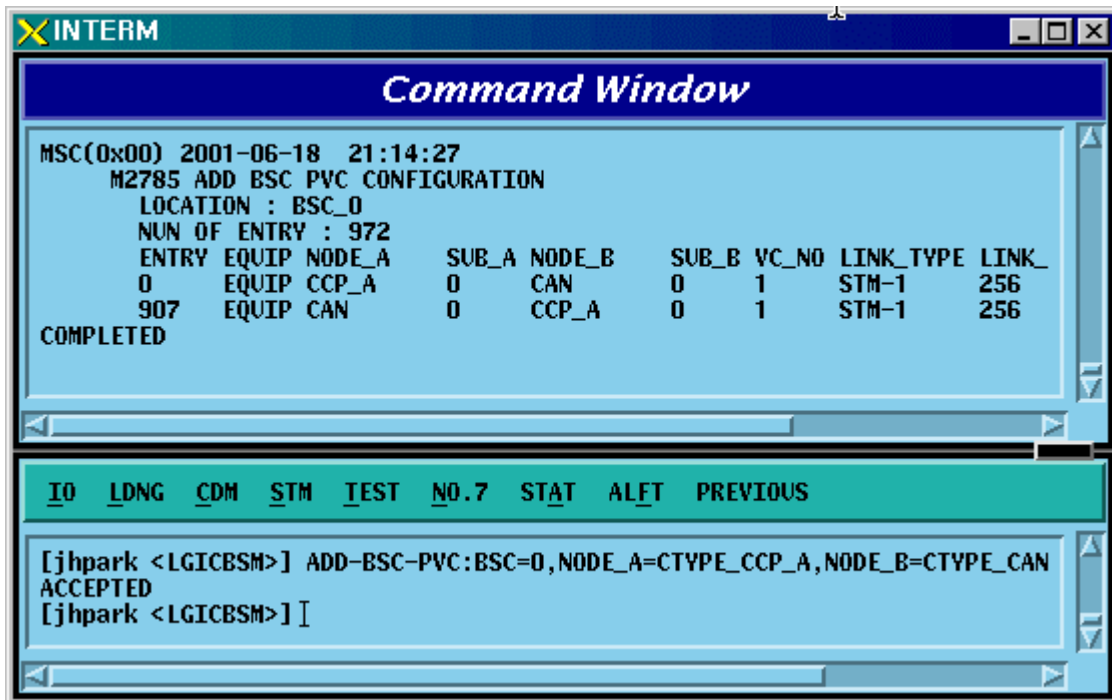


Fig. 4.3-162 BSC PVC Configuration Addition Display

4.3.8.39. BSC PVC Configuration Deletion

- Command RMV-BSC-PVC :BSC=a ,INDEX=b;

- Input RMV-BSC-PVC:BSC=0, INDEX=0;

- Output

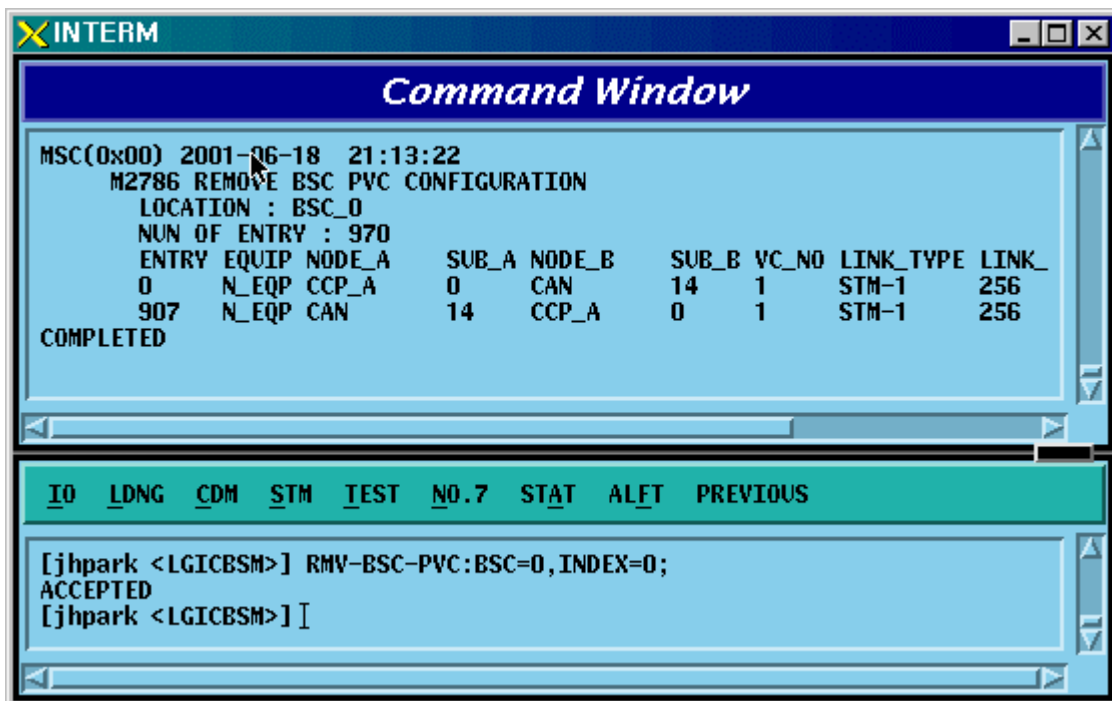


Fig. 4.3-163 BSC PVC Configuration Deletion Display

4.4. STATUS COMMAND

4.4.1 PROCESSOR STATUS CONTROL

Table 4.4-1 Processor Status LIST

Status Types	Definition
NORM	NORMAL
ABNM	Abnormal
DCPY	Dual Copy
LDNG	StandBy Loading
NORM(OLD)	Normal (After StandBy Loading, Old version)
NORM(NEW)	Normal (After StandBy Loading, New version)
ABN_K	Abnormal with Keep Alive Fault
ABN_I	Abnormal with Process Isolation
UNDEF	Undefined Status

4.4.1.1. BSM CAN PROCESSOR STATUS DISPLAY COMMAND

Function to display processor status inserted in CAN.

Command : DIS-CAN-PRC;

Input : DIS-CAN-PRC;

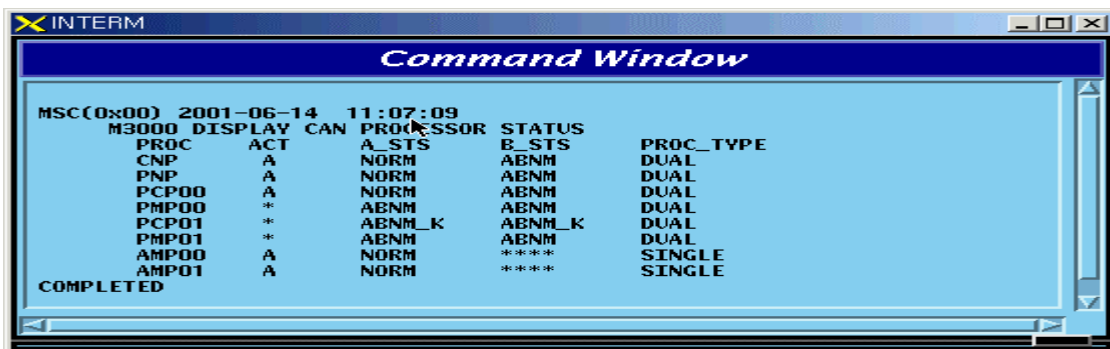


Fig. 4.4-1 Result of CAN Processor Status Display Command

4.4.1.2. BSC Processor Status Display Command

Function to display Processor status inserted in BSC.

Command : DIS-BSC-PRC[:BSC=a];

a : BSC Number(0~11)

Input : DIS-BSC-PRC:BSC=0;



Fig. 4.4-2 Result of BSC Processor Status Display

4.4.1.3. Status Display Command of BTS Processor

Function to display operation status of processors mounted in all the BTSs within the corresponding BSC or in each BTS

Command : DIS-BTS-STTS:BSC=a[,BTS=b];

a:BSC Number (0~11)

b:BTS Number (0~47)

Input : DIS-BTS-STTS:BSC=0,BTS=0;

Output

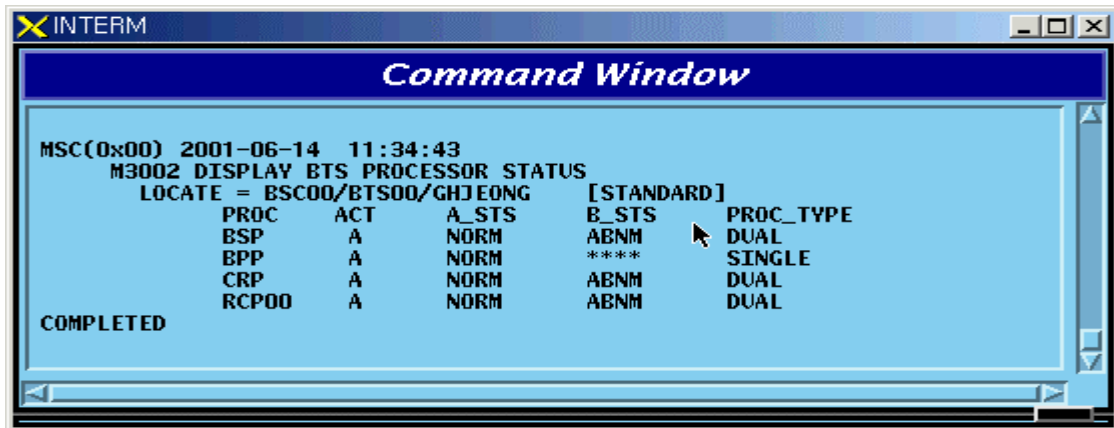


Fig. 4.4-3 Result of BTS Processor Status Display Command

4.4.1.4. Processor Restart Command

Function to restart Processors

- Command : RST-PRC[:BSC=a][,BTS=b],RANGE=c,SIDE=d,CLS=e;

a : BSC Number (0~11)

b : BTS Number (0~47)

c : Scope of restart(All the Processors of CCP, PNP,NCP,PCP., etc.)

d : Side to restart (A,B,BOTH)

e : Class (RESTART, REBOOT, FLASH)

RESTART : Restart O/S and receive loading of PLD only.

REBOOT : It executes BOOTER. In case of the processors equipped with Flash ROM, they check upper level processors and version of each block. If they are different, they receive loading from the upper level processors. However, if they are the same, they do not receive loading from the upper level processors. The processors with no Flash ROM receive loading from the upper level processors without checking version.

. For reference, Active Side before and after reboot does not change.

FLASH : Delete Flash content of the Processor with Flash ROM equipped and reboot it to receive loading of all the files from the upper level Processor. For reference, Active Side before and after Flash Reboot changes.

Input : RST-PRC:BSC=0,BTS=0,RANGE=RCP00,SIDE=A,CLS=RESTART;

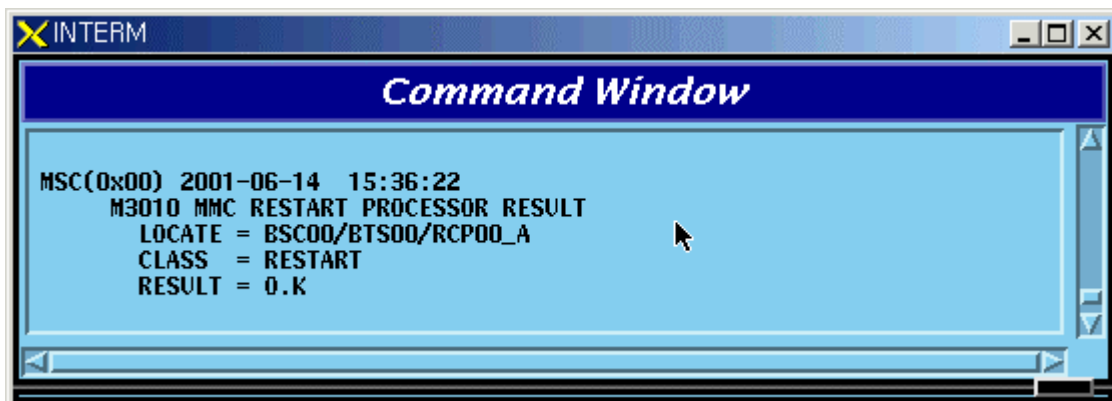


Fig. 4.4-4 Result of Processor Restart Command

4.4.1.5. CAN Processor H/W RESET(ISOLATION) COMMAND

Function to reset CAN Processor H/W.

Command : RMT-CAN-PRC:PROC=a,SIDE=b,CLS=c;

a: Processor Name : CNP,PNP,PCP,PMP

b: Side : A,B

c: CLASS : HARDRST,ISOLAT,UNISOL

HARDRST : Function to reset Processor on H/W Level (using Register Setting).

ISOLAT : Function to isolate Processor on H/W Level (maintaining Status of RESET)

UNISOL : Function to release the isolation

Input : RMT-CAN-PRC:PROC=PNP,SIDE=A,CLS=ISOLAT;

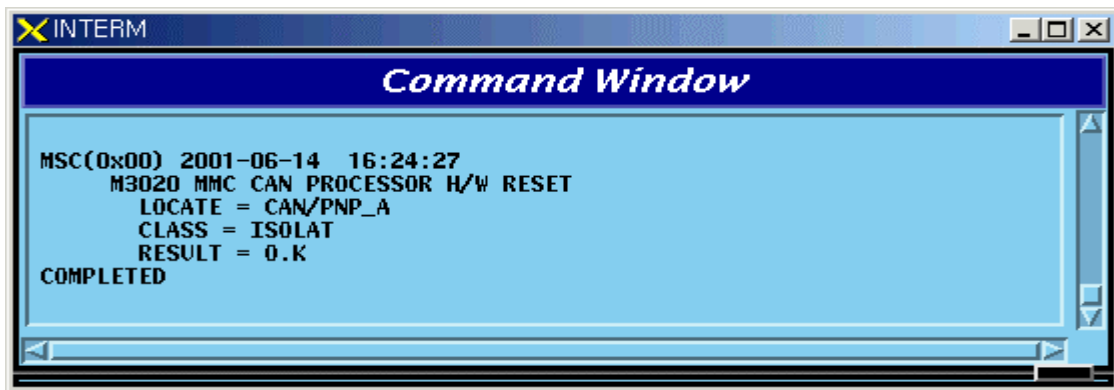


Fig. 4.4-5 CAN Processor H/W Command Result

4.4.1.6. BSC Processor H/W RESET(ISOLATION) COMMAND

Function to reset BSC Processor H/W.

Command : RMT-BSC-PRC:BSC=a,PROC=b,[SIDE=c],CLS=d;

a: BSC Number

b: Processor Name : CCP,NCP,SCP,ALP,SMP,VMP

c: Side : A,B

d: CLASS : HARDRST,ISOLAT,UNISOL

HARDRST : Function to RESET Processor on H/W Level (using Register Setting).

ISOLAT : Function to isolate Processor on H/W Level (RESET Status maintained)

UNISOL : Function to release isolation

Input : RMT-BSC-PRC:BSC=0,PROC=NCP,SIDE=A,CLS=ISOLAT;

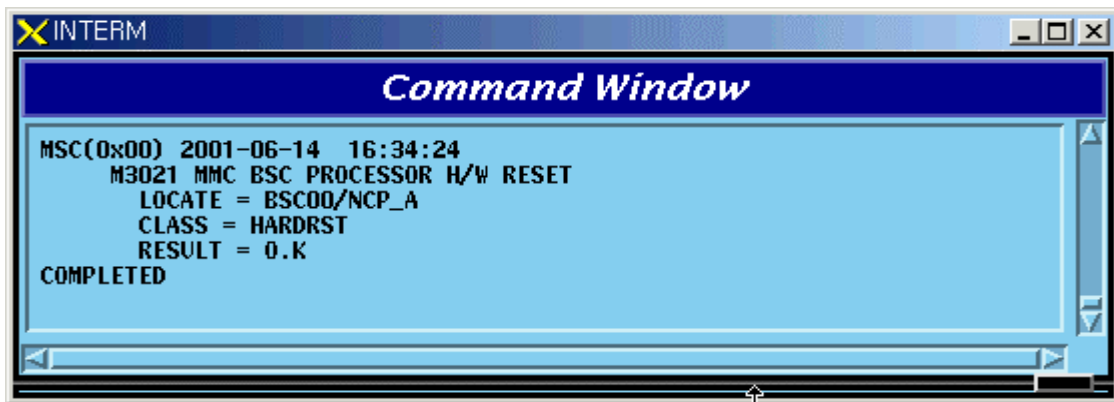


Fig. 4.4-6 BSC Processor H/W Command Result

4.4.1.7. BTS Processor H/W RESET(ISOLATION) COMMAND

Function to BSC Processor H/W.

Command : RMT-BTS-PRC:BSC=a,BTS=b,PROC=c,[SIDE=d],CLS=e;

a: BSC Number

b: BTS Number

c: Processor Name : BSP,BPP,CRP,RCP(00~05)

d: Side : A,B

e: CLASS : HARDRST,ISOLAT,UNISOL

HARDRST : Function to RESET Processor on H/W Level (using Register Setting).

ISOLAT : Function to isolate Processor on H/W Level (RESET Status maintained)

UNISOL : Function to release isolation

Input : RMT-BTS-PRC:BSC=0,BTS=0,PROC=BSP,SIDE=A,CLS=ISOLAT;

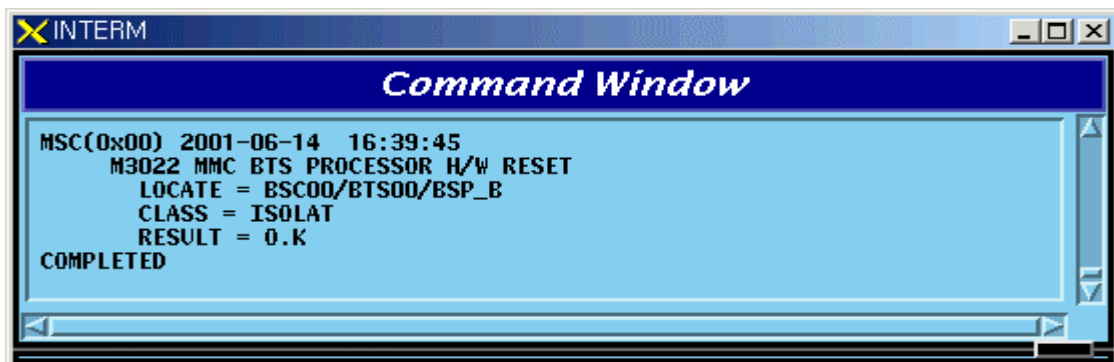


Fig. 4.4-7 BTS Processor H/W RESET(ISOLATION) Command Display Result

4.4.1.8. Processor Switch Over(Switch) Command

Function to Switch over Processor.

Switching Over Command is executed for duplicated Processors and is performed only when both sides of Processors are in a normal status.

Command : SWT-PRC [:BSC=a] [,BTS=b] ,PROC=c;

a: BSC Number

b: BTS Number

c: Processor Name : CNP, PNP, PCP00, PCP01,PCP02, PMP00, PMP01,PMP02, CCP, NCP, SCP,ALP, BSP, CRP, RCP00, RCP01, RCP02, RCP03,RCP04, RCP05

Input : SWT-PRC :BSC=1 ,PROC=CCP;

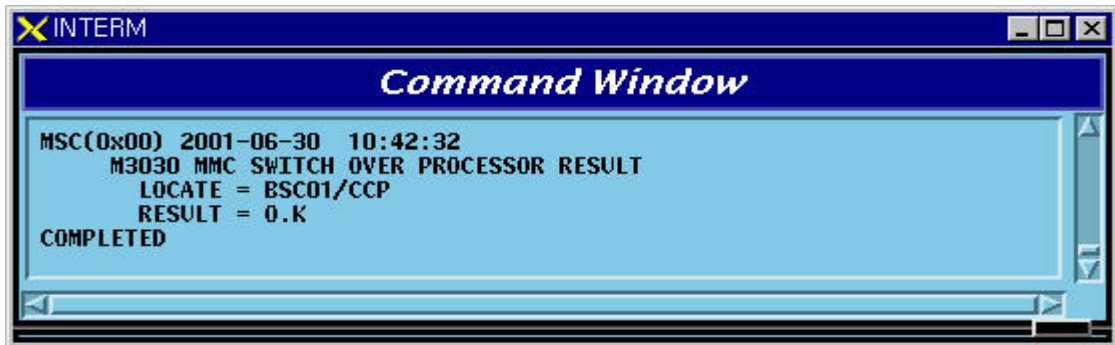


Fig. 4.4-8 Processor Switch Over(Switch) Command Display Result

4.4.2. Network Status Control

Table 4.4-2 Network Node Status LIST

Status Types	Definition	Description
NORM	Normal	Normal Operation
NOR_A	Normal Act	While normally operated, Act Status is maintained (Duplicated node)
NOR_S	Normal Standby	While normally operated, Standby Status is maintained (Duplicated node)

ABN_D	Abnormal Deletion	card is removed
ABN_F	Abnormal Fault	Local Fault occurred
ABN_M	Abnormal MMC Block	Blocked Status by User' s MMC
INIT	Initial	Even equipped to PLD, a processor managing the corresponding device does not normally operate until now
AB_OB	Abnormal Online Block	Based on judgment that a normal call is impossible due to faults in other devices, the corresponding device is blocked
N_EQP	Not Equipped	Card Type is not defined in PLD

4.4.2.1. Network Status Display Command

Function to display the BSS Network status.

Command : DIS-NET-STS: [BSC=a],[BTS=b],SHELF=c,CARD=d,ID=e,[CHIP=f];

a : BSC Number

b : BTS Number

c : SHELF NAME(CAMU,CAMDU,ASMU,ALSU,BANU)

d : CARD NAME(ASCA,ASIA,AOTA,ATSA,ALMA,LICA)

e : CARD ID(0~3)

f : CHIP Number(0~1)

Input : DIS-NET-STS:BSC=0,BTS=0,SHELF=BANU,CARD=LICA,ID=0;

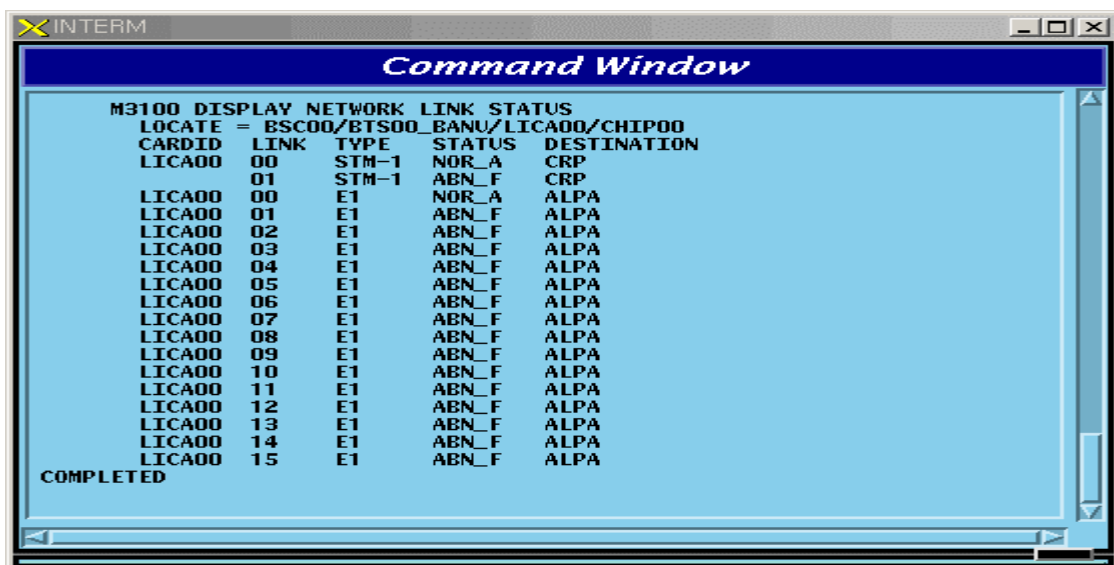


Fig. 4.4-9 Result of Network Status Display Command

4.4.2.2. ALPA Network Status Display

Function to display the ALPA Network status.

Command : DIS-ALPA-STTS:BSC=a,ALMA=b,ALPA=c;

a : BSC Number(0~11)

b : ALMA ID(0~1)

c : ALPA ID(0~4)

Input : DIS-ALPA-STTS:BSC=0,ALMA=0,ALPA=0;

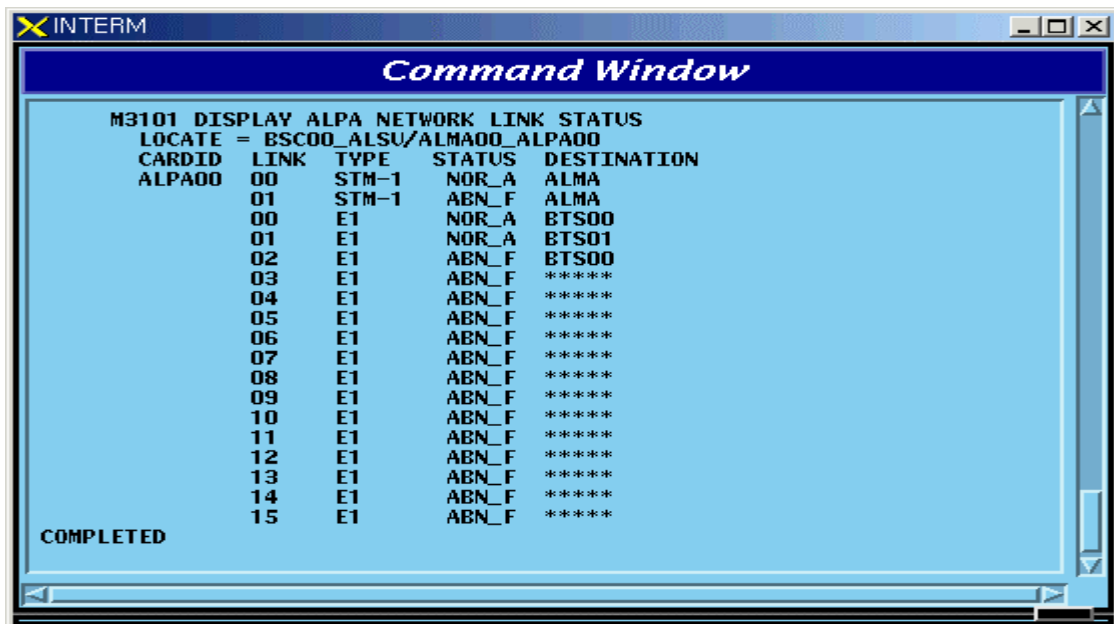


Fig. 4.4-10 Result of ALPA Network Status Display

4.4.2.3. PDSN NODE Status Display

Function to display the PDSN NODE Network status

Command : DIS-PDSN-STTS:SHELF=a,PIP=b;

a: SHELF(PCP(00~02),PMP(00~02))

b: PIP(0~10)

Input : DIS-PDSN-STTS:SHELF=PCP00,PIP=0;

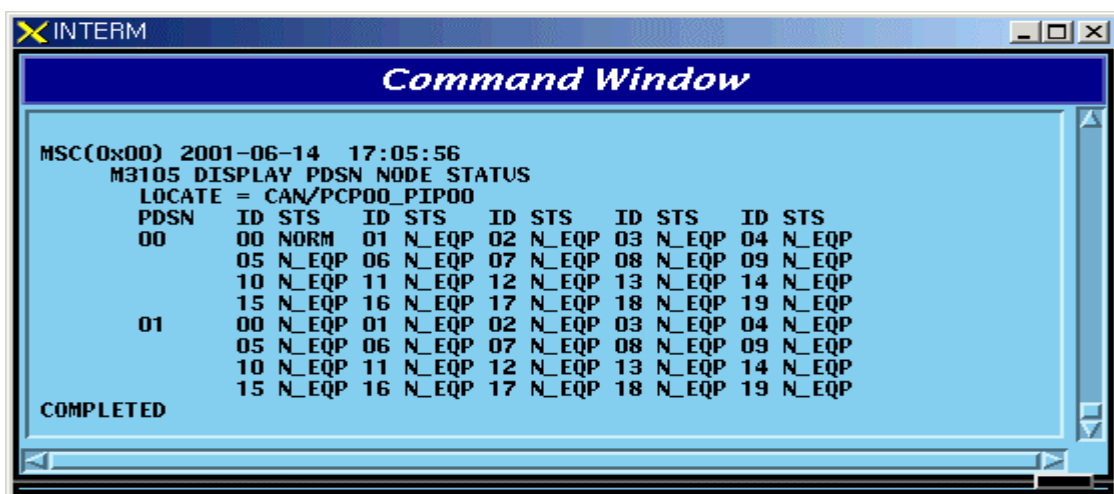


Fig. 4.4-11 Result of PDSN NODE Status Display

4.4.2.4. PCFU Network Status Display Command

Function to display the PCFU Network Status

Command : DIS-PCF-NET:PROC=a,TYPE=b;

a: PCP(00~02),PMP(00~02)

b: PIP_FERA,FETA_PDSN

Input : DIS-PCF-NET:PROC=PCP00,TYPE=PIP_FERA;

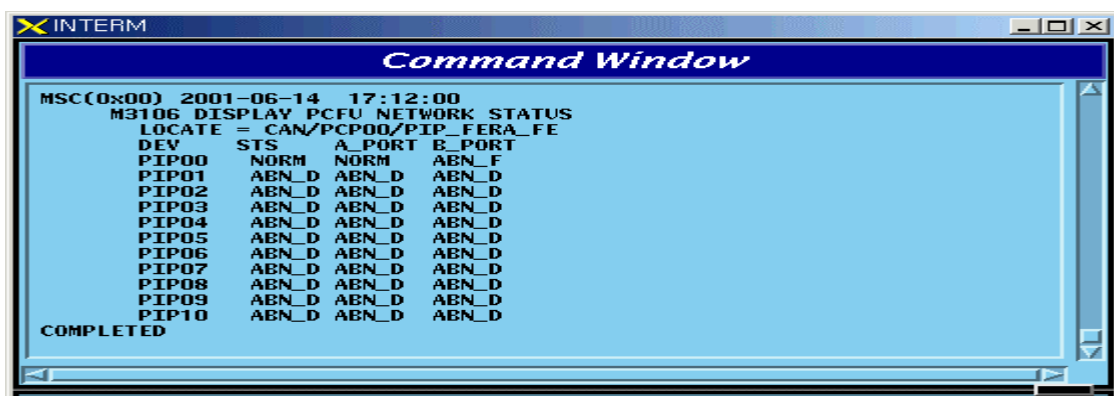


Fig. 4.4-12 Result of PCFU Network Status Display Command

4.4.2.5. ALPA Network Block Command

Function to block the ALPA Network.

Command : BLK-ALPA:BSC=a,ALMA=b,ALPA=c,[TYPE=d],[LINK=e];

a: BSC Number(00~11)

b: ALMA ID(0~1)

c: ALPA ID(0~4)

d: TYPE(STM_1,E1)

e: LINK(0~15)

Input : BLK-ALPA:BSC=0,ALMA=0,ALPA=0,TYPE=STM_1,LINK=0;

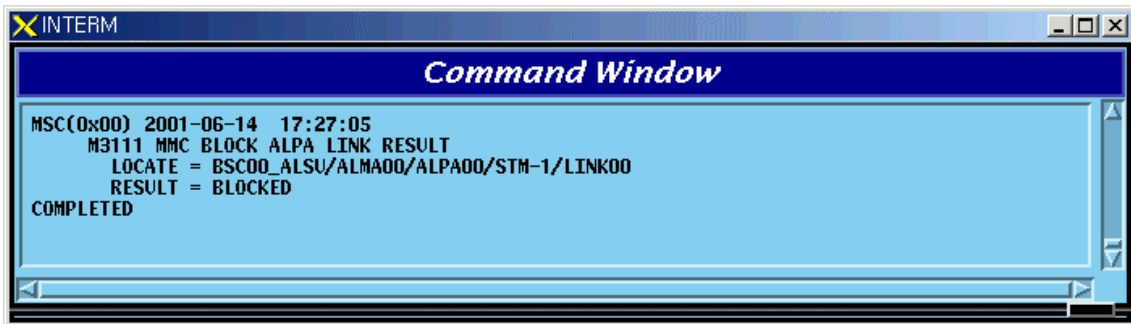


Fig. 4.4-13 Result of ALPA Network Block Command

4.4.2.6. UNBlock Command

Function to unblock the ALPA Network.

Command : UBLK-ALPA:BSC=a,ALMA=b,ALPA=c,[TYPE=d],[LINK=e];

a: BSC Number(00~11)

b: ALMA ID(0~1)

c: ALPA ID(0~4)

d: TYPE(STM_1,E1)

e: LINK(0~15)

Input : UBLK-ALPA:BSC=0,ALMA=0,ALPA=0,TYPE=STM_1,LINK=0;

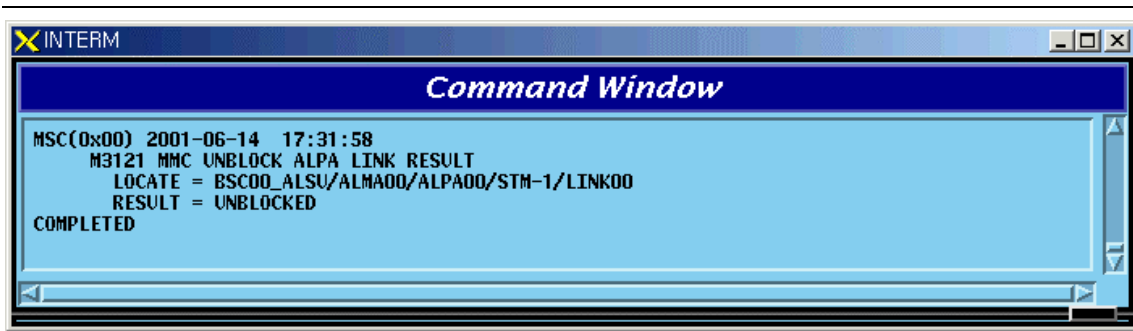


Fig. 4.4-14 Result of ALPA Network UNBlock Command

4.4.3. Can Device Status Control

Table 4.4-3 DEVICE Status List

Status Types	Definition
NORM	Normal
ABN_D	Abnormal Deletion (Even equipped to PLD, it is in the Status of Removal)
ABN_F	Abnormal Fault(Status that normal operation is impossible due to fault in Device) (Test: As a result of DSP Chip Hardware Test, NOK occurs)
ABN_M	Abnormal MMC Block
INIT	Initial (Even equipped to PLD, a processor managing the corresponding device does not operate normally until now)
AB_OB	Abnormal Online Block (Based on judgment that a normal call is impossible due to faults in other devices, the appropriate device is blocked)
IDLE	Even if it is normal, call resources are not allocated (CE, VCE)
BUSY	normal and call resources are allocated (CE, VCE)
N_EQP	Status defined as Not Equipped to PLD
READY	Even if not defined in PLD, Device is inserted
UNDEF	Status that un-defined status is inserted
ABN_I	Status being separated as H/W Reset
ABN_B	BER Test Status by User
NOR_PB	In case that call exists when CHC, Chip is blocked, it indicates the status that awaits until a call is terminated it indicates, the Status that waits for the call termination in order to perform

	the Vocoder test.
REDNCY	In duplicated Device, it indicates Redundancy Status of Standby side(FETA Only)
CB_OPN	For device that is managed only as fault, it is the case that is opened to Fault Cable
CLK_F	During Vocoder Channel test, as a result of Timing-Module test, NOK occurred (Test Only)
TSW_F	As a result of TSLU Loopback test, NOK is occurred (Test Only)
ABN_AT	Status in which Vocoder is put to Automatic(Online) test (Test Only)
ABN_MT	Status in which Vocoder Manual(Ondemand) is put to test (Test Only)
QAT0_F	As a result of QCELP Algorithm test during Vocoder channel test, NOK occurred in State 0 (Test Only)
QAT1_F	As a result of QCELP Algorithm test during Vocoder channel test, NOK occurred in State 1 (Test Only))
QAT2_F	As a result of QCELP Algorithm test during Vocoder channel test, NOK occurred in State 2 (Test Only)
QAT3_F	As a result of QCELP Algorithm test during Vocoder channel test, NOK occurred in State 3 (Test Only)
VPLB_F	As a result of VCPA Loopback test during Vocoder channel test, NOK occurred (Test Only)
VMLB_F	As a result of VCMA Loopback test during Vocoder channel test, NOK occurred (Test Only)
VLLB_F	As a result of VLIA Loopback test during Vocoder channel test, NOK occurred (Test Only)

4.4.3.1. CAN Device Status Display Command

Function to display Device(BOARD) Status mounted to CAN

Command : DIS-CAN-DEV:PROC=a;

a : CNP,PNP,PCP(00~02)

Input : DIS-CAN-DEV:PROC=CNP;

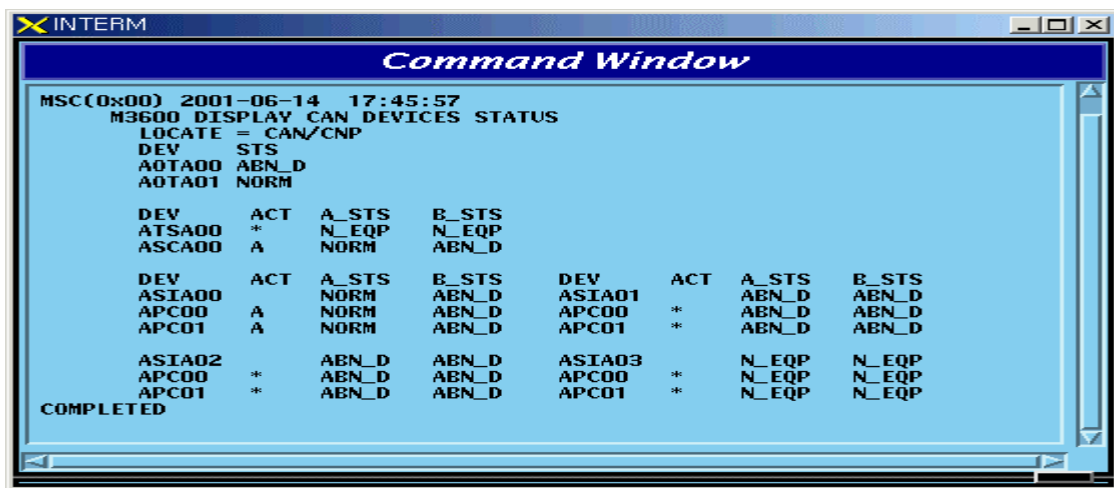


Fig. 4.4-15 Result of CAN Device Status Display Command

4.4.3.2. GPS(CAN) Status Display Command

Function to display Device and Information of CAN GPS.

Command : DIS-GPS-STTS:TYPE=a;

a : ALL,GPS_DEV,GPS_INFO

Input : DIS-GPS-STTS:TYPE=ALL;

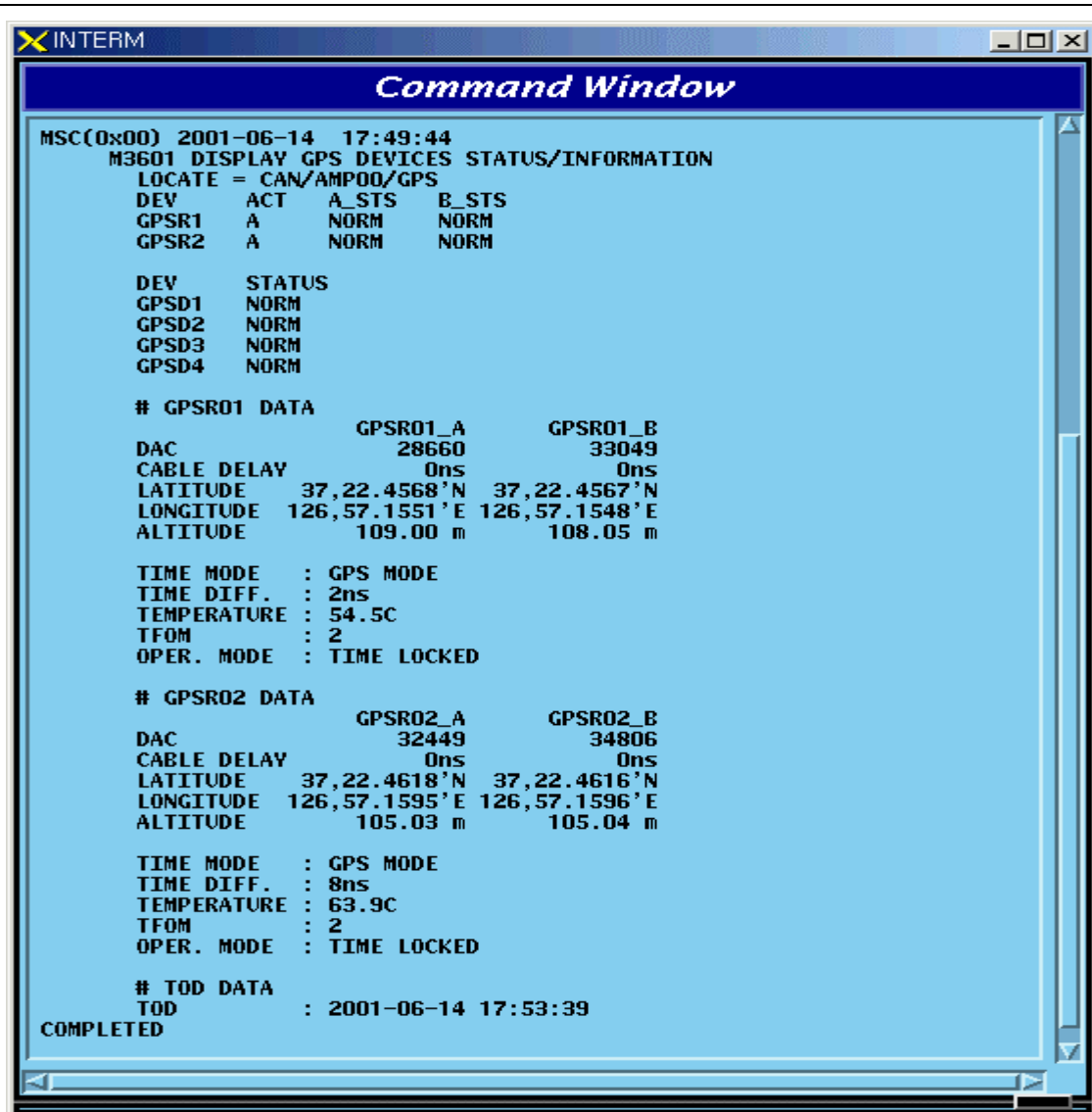


Fig. 4.4-16 Result of GPS(CAN) Status Display Command

4.4.3.3. H/W RESET CAN DEVICE Command

Function to reset CAN Device on H/W Level

Command : RMT-CAN-DEV:PROC=a,DEV=b,ID=c,[SIDE=d],CLS=e;

a: Processor :CNP,PNP,PCP(00~02),PMP(00~02)

b: Device Name: ASCA,ASIA,AOTA,ATSA,PIP,FERA,FETA,BCRA

c: Device ID : 0~10

d: SIDE:A_SIDE,B_SIDE

e: CLASS : HARDRST,ISOLAT,UNISOL

Input : RMT-CAN-DEV:PROC=PNP,DEV=ASCA,ID=0,SIDE=A_SIDE,CLS=HARDRST;

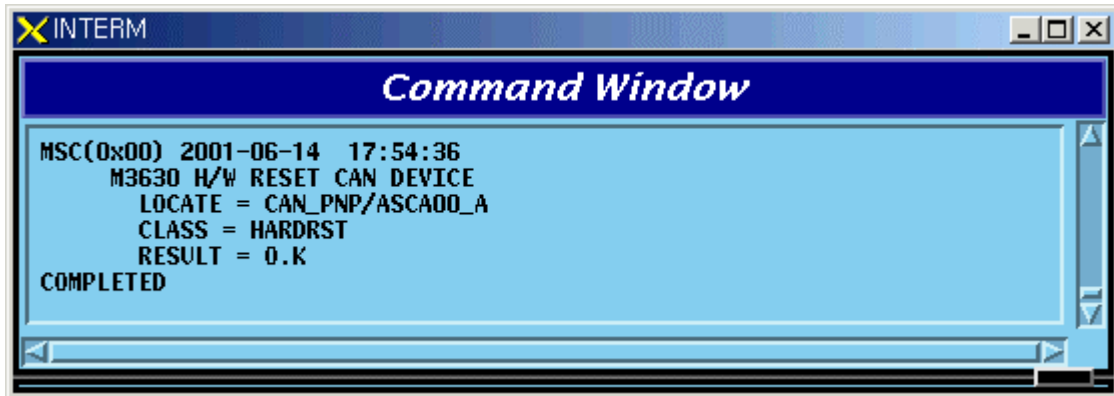


Fig. 4.4-17 Result of H/W RESET CAN DEVICE Command

4.4.4. BSC Device Status Control

4.4.4.1. BSC Device Status Display Command

Function to display Status of various Boards mounted to BSC

Command : DIS-BSC-DEV:BSC=a,PROC=b;

a : BSC Number(00~11)

b : PROC Name(NCP,SCP,ALP,SMP(00~04),VMP(00~08))

Input : DIS-BSC-DEV:BSC=1,PROC=NCP;

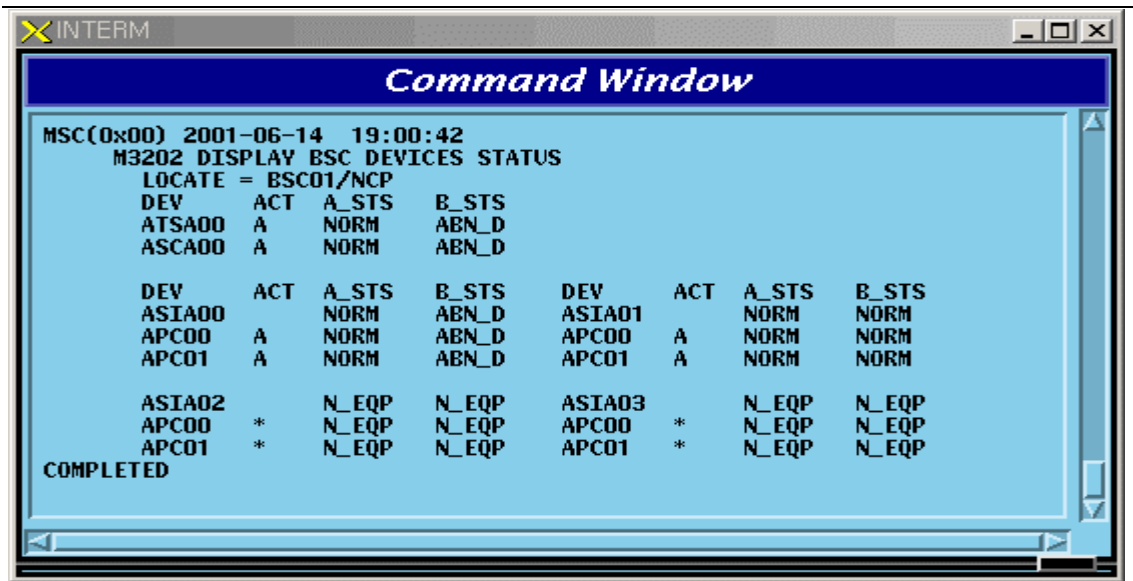


Fig. 4.4-18 Result of BSC Device Status Display

4.4.4.2. SLPA Status Display Command

Function to display the SLPA Status

Command : DIS-SLPA-STTS:BSC=a,SMP=b,[SLPA=c];

a : BSC Number(00~11)

b : SMP Number(00~04)

c : SLPA Number(00~17)

Input : DIS-SLPA-STTS:BSC=0,SMP=0,SLPA=0;

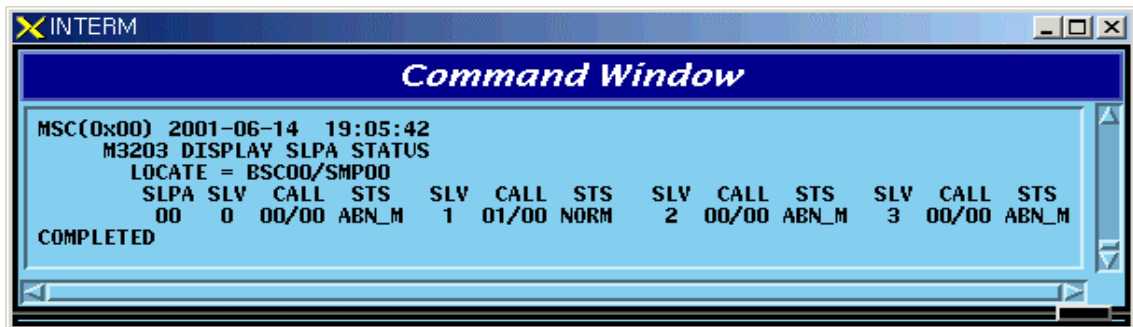


Fig. 4.4-19 Result of SLPA Status Display Command

4.4.4.3. VCPA Status Display Command

Function to display the VCPA Status

Command : DIS-VCPA-STTS:BSC=a,VMP=b,[VCPA=c];

a : BSC Number(00~11)

b : VMP Number(00~07)

c : VCPA Number(00~15)

Input : DIS-VCPA-STTS:BSC=0,VMP=0,VCPA=0;

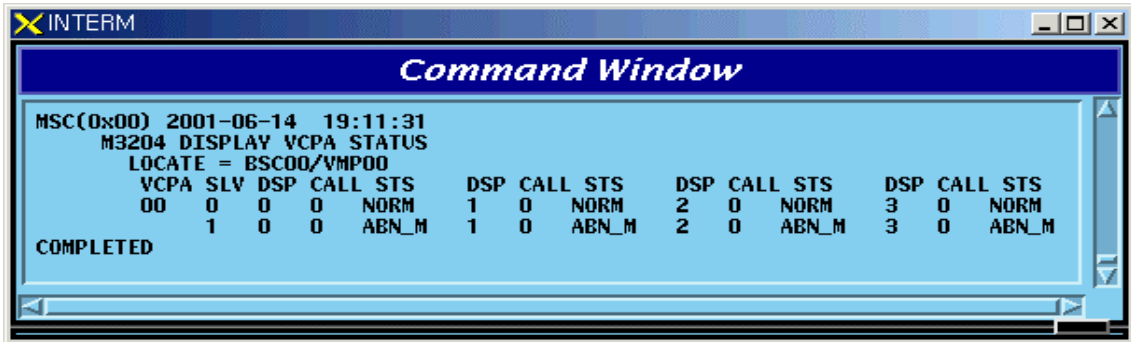


Fig. 4.4-20 Result of VCPA Status Display Command

4.4.4.4. E1 LINK Status Display Command

Function to display E1 Link Status of VLIA

Command : DIS-E1-STTS:BSC=a,VMP=b,[VLIA=c];

a : BSC Number(00~11)

b : VMP Number(00~07)

c : VLIA Number(00~01)

Input : DIS-E1-STTS:BSC=0,VMP=0,VLIA=0;

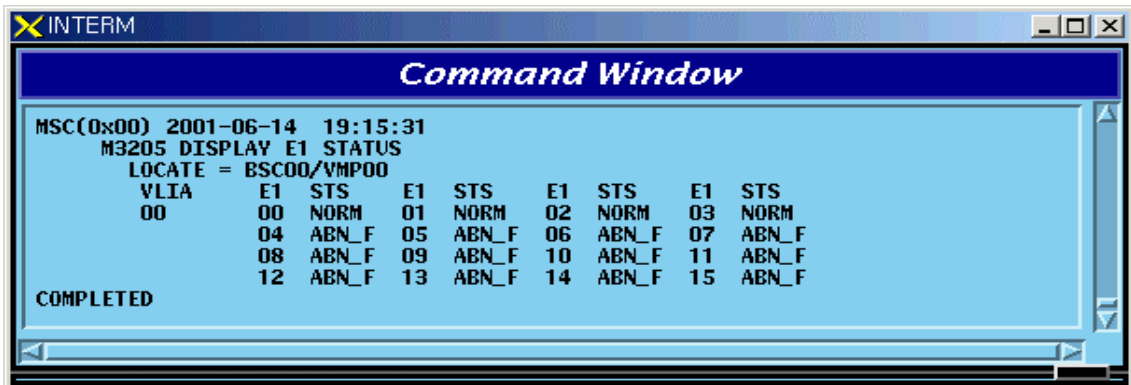


Fig. 4.4-21 Result of E1 LINK Status Display Command

4.4.4.5. TS Network LINK Status Display Command

Function to display the Status of TS Network Link of VLIA.

Command : DIS-TS-STTS:BSC=a,VMP=b,VLIA=c,E1=d;

a : BSC Number(00~11)

b : VMP Number(00~07)

c : VLIA Number(00~15)

d : E1 Number(00~15)

Input : DIS-TS-STTS:BSC=0,VMP=0,VLIA=0,E1=0;

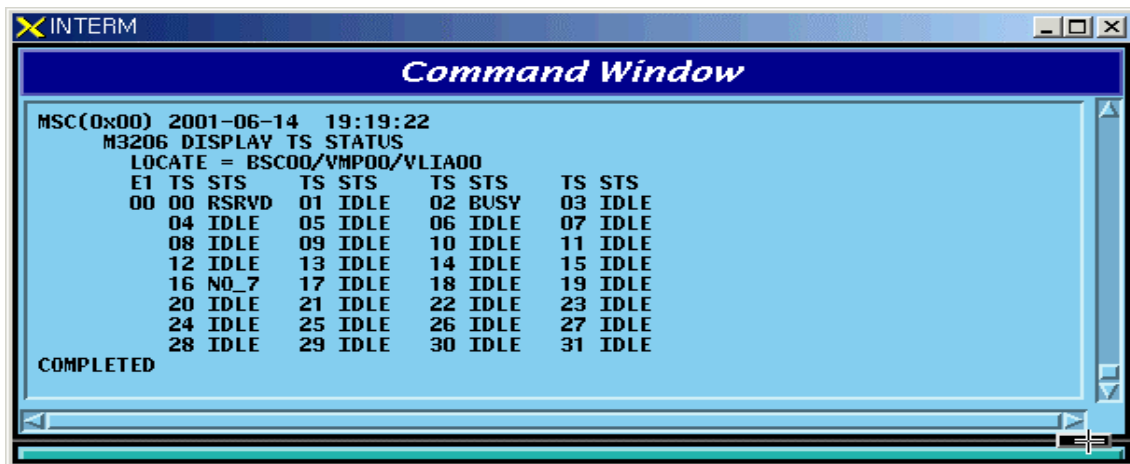


Fig. 4.4-22 Result of TS Network LINK Status Display Command

4.4.4.6. VCE(Vocoder Channel Element) Status Display Command

Table 4.4-4 Vocoder Channel Element Status LIST

Status Types	Definition	Description
IDLE	Idle	Normal status without a Call
8K_Qcelp	8k Qcelp Call	8k QCELP Call Seized Status
8K_EVRC	8k EVRC Call	8k EVRC Call Seized Status

13K_Qcelp	13k Qcelp Call	13k QCELP Call Seized Status
13K_EVRC	13k EVRC Call	13k EVRC Call Seized Status
ABN_M	Abnormal MMC Block	Blocked Status by user' s MMC
UNDEF	Undefined Status	Status with Input of undefined Status

Function to display the Channel Element Status of VCE.

Command : DIS-VCE-STG:BSC=a,VMP=b,[VCPA=c];

a : BSC Number(00~11)

b : VMP Number(00~07)

c: VCPA Number(00~15)

Input : DIS-VCE-STG:BSC=0,VMP=0,VCPA=0;

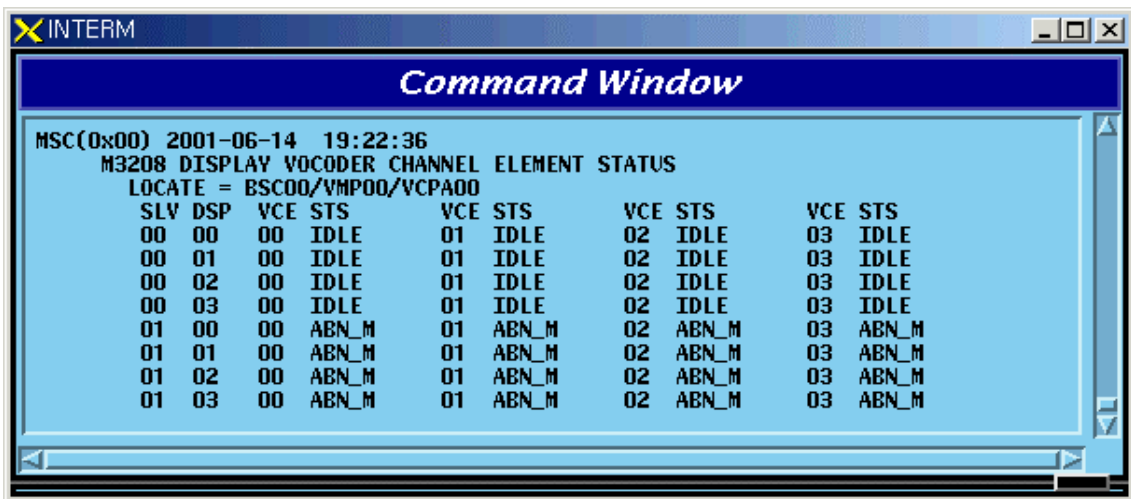


Fig. 4.4-23 Result of VCE(Vocoder Channel Element) Status Display Command

4.4.4.7. SLPA BLOCK Command

Function to block SLPA.

Command : BLK-SLPA:BSC=a,SMP=b,SLPA=c,[SLV=d];

a : BSC Number(00~11)

b : SMP Number(00~04)

c : SLPA Number(00~17)

d : SLV Number(00~03)

Input : BLK-SLPA:BSC=0,SMP=0,SLPA=0,SLV=0;



Fig. 4.4-24 Result of SLPA BLOCK Command

4.4.4.8. SLPA UNBLOCK Command

Function to unblock SLPA.

Command : UBLK-SLPA:BSC=a,SMP=b,SLPA=c,[SLV=d];

a : BSC Number(00~11)

b : SMP Number(00~04)

c : SLPA Number(00~17)

d : SLV Number(00~03)

Input : UBLK-SLPA:BSC=0,SMP=0,SLPA=0,SLV=0;

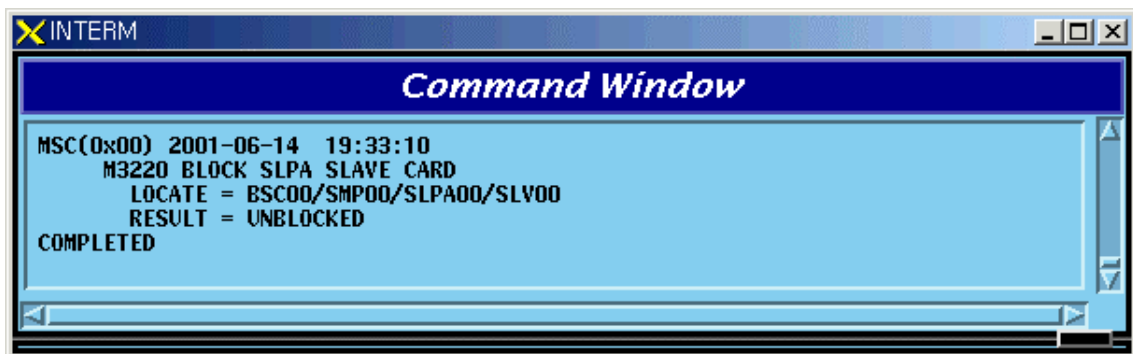


Fig. 4.4-25 Result of SLPA UNBLOCK Command

4.4.4.9. VCPA BLOCK Command

Function to block VCPA.

Command : BLK-VCPA:BSC=a,VMP=b,VCPA=c,[SLV=d],[DSP=e];

a : BSC Number(00~11)