7.5 – Sub-band distribution plan

Cross-polarized radio	Down-link	Up-link
LMCS/AB	27 850 — 28 350	27 350 — 27 650
LMCS/F	25 600 — 25 850	25 350 — 25 600
LMCS/C	27 100 — 27 350	26 850 — 27 100
LMDS/A	27 500 — 28 350	31.075 — 31 225
LMDS/B	31 225 — 31 300	31 000 — 31 075
38/700/1	39 700 — 40 000	39 000 — 39 300

(*) : figures given here represent the total bandwidth, i.e. from the lower edge of the lowest channel to the higher edge of the highest channel.

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Appendix 1 – Installation sheet

A.1.1 – 7390DBS

General information:Operator................. Date..........   Visa..........

Name Address	.... No .... Street... Bld......... Stair................... Floor................. Town .... Country	Operator
Site identification		
Name of Base Station		
Version		

Equipment characteristics

Designation	Reference	ICS	Serial No.
Subrack			
Fan			
PSU 1			
PSU 2			
CPL			
IBS 1			
IBS 2			
IBS 3			
IBS 4			
IBS 5			
IBS 6			
IBS 7			
IBS 8			

Equipment characteristics and onboard software

Designation	Part number	ICS	Serial No.	Downloaded software
ANT 1				
ANT 2				
TNT 1				
TNT 2				
TNT 3				
TNT 4				
AMD 1				
AMD 2				
AMD 3				
AMD 4				
AMD 5				
AMD 6				
AMD 7				
AMD 8				

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A.1.2 – 7390 X-Pol RBS

General information:Operator.................. Date............. Visa..........

Name Address	.... No .... Street.. Bld........ Stair................... Floor........... Town .... Country	Operator
Site identification		
Name of Base Station		
Version		

Equipment characteristics

Initial configuration (1+0):

Designation	1	2	3	4
Mains				
Reference				
ICS				
Serial No.				
Tx level				
Band				
Sub-band				
Type of cable				
Length of cable				
Cable attenuateur (upstream)				
Cable attenuateur (downstream)				
Tilt				
Azimuth				
Height of X-Pol RBS				
Type of Mounting				

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Redundancy (1+1):

Designation	5	6	7	8
Mains				
Reference				
ICS				
Serial No.				
Tx level				
Band				
Sub-band				
Onboard software version				
Type of cable				
Length of cable				
Tilt				
Azimuth				
Height of X-Pol RBS				
Type of Mounting				

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A.1.3 – Check point list for BS commissioning

CHECKING THE SAFETY REGULATIONS:

- Equipment ground wire   OK ☐   NOK ☐
- Differential protection   OK ☐   NOK ☐
- Fire protection   OK ☐   NOK ☐

CHECKING THE RADIO INSTALLATION:

- No contaminants or possible outflow on the antennas and radio   OK ☐   NOK ☐
- No personnel allowed in the antenna fields   OK ☐   NOK ☐
- Use of torque wrenchs for the radio assembly   OK ☐   NOK ☐
- Mast rigidity and absence of vibration   OK ☐   NOK ☐
- Antenna clearance in immediate vicinity   OK ☐   NOK ☐
- Check that the ET390998 coaxial cable is installed   OK ☐   NOK ☐
- Radio grounding   OK ☐   NOK ☐

CHECKING THE WIRING BETWEEN X-Pol RBS AND DBS:

- No crushed cables   OK ☐   NOK ☐
- Observance of the minimum bend radius   OK ☐   NOK ☐
- Quality of cable ground wire installation   OK ☐   NOK ☐
- Sealing of ground relays on the cable   OK ☐   NOK ☐

CHECKING THE DBS INSTALLATION:

- Min Max temperature of the premises containing the DBS (-5º to +55ºC)   OK ☐   NOK ☐
- Check air inlets and outlets of the DBS backplane   OK ☐   NOK ☐
- Check the 48 Volt polarity   OK ☐   NOK ☐
- Check the ground wire of the DBS backplane   OK ☐   NOK ☐
- Check that all the client access cables are shielded   OK ☐   NOK ☐
- On the DBS panel, J101, J104 and J113 must not be connected   OK ☐   NOK ☐
- Check the optical fiber routing   OK ☐   NOK ☐
- Check the connection sequence of the X-Pol RBS cables on the panel   OK ☐   NOK ☐

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Appendix 2 – Installation of 7390LT software

A.2.1 – Requirements

1. Microsoft Windows NT operating system running (Service Pack 5 or above)
2. A7390LT installation Kit
3. User account with Administrator privileges to log-on with

Note: Users without Administrator privileges will not be able to install SNTP service, required to run properly the A7390LT.

A.2.2 – Installation Procedure

1. Be sure you have administrator rights
2. Close all the aplications before start the 7390LT Installation
3. Insert the CD " 7390LT Software Package"
   - The window " 7390LT Software Package" appears

- Click on **"Install Software"**
- The window "Install Software" appears

- Click on "**7390LT Application Software Release 2.2a**"

4. When the "Welcome" screen appears (see below), click on "Next" button to continue the installation

procedure or press "cancel" to exit the installation program.
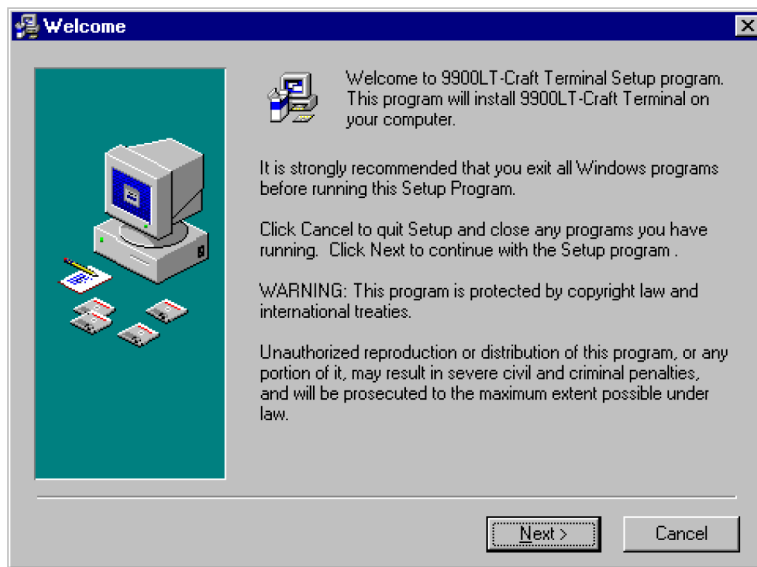
5. The "Choose Destination Location" screen appears (see below). If you agree with the default destination folder, click on the "Next" button. If you disagree, you can change it by clicking on "Browse" button and selecting the desired destination folder.
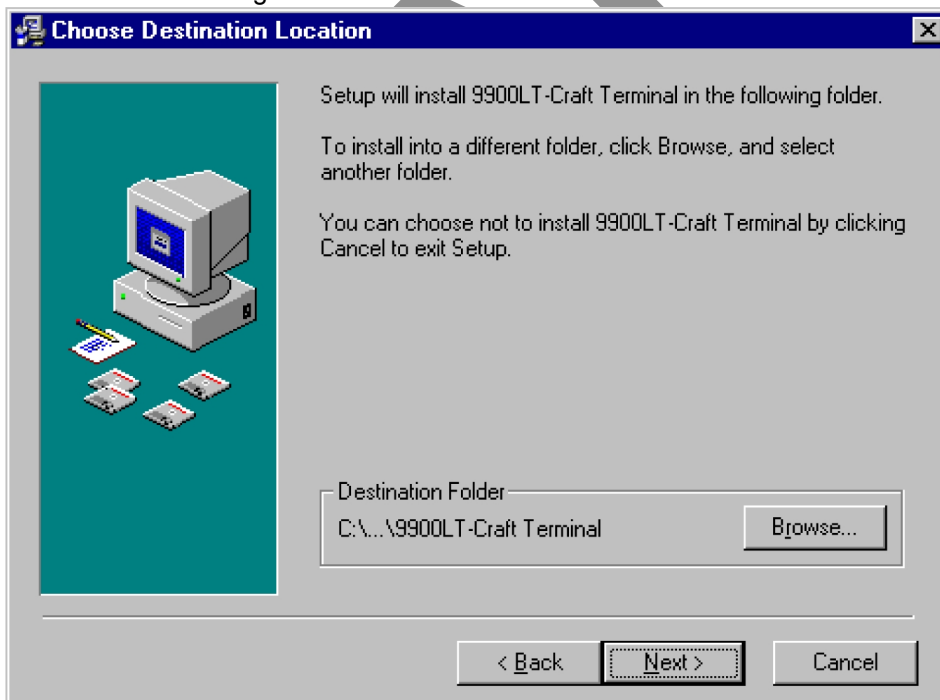
Nota :

– If you use always the default directory, un-install the previous LT version before.

– If you want to install several LT versions on the same computer, use different folders at each time.

6. The "Select Program Manager Group" screen appears (see below). If you agree with the default

group name, click on "Next" button. If you disagree, you can change it by typing the desired name.
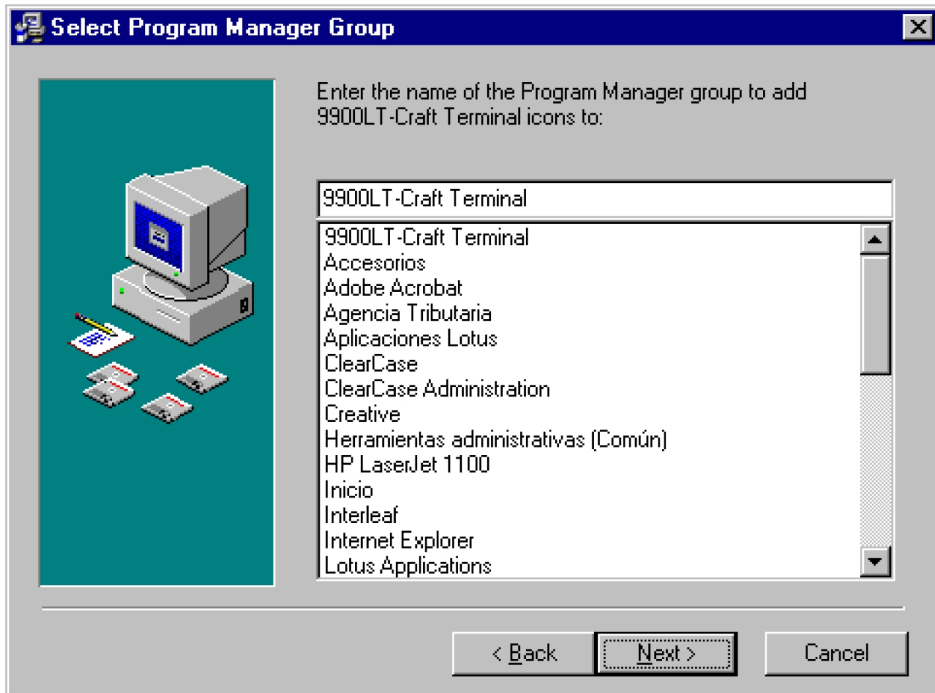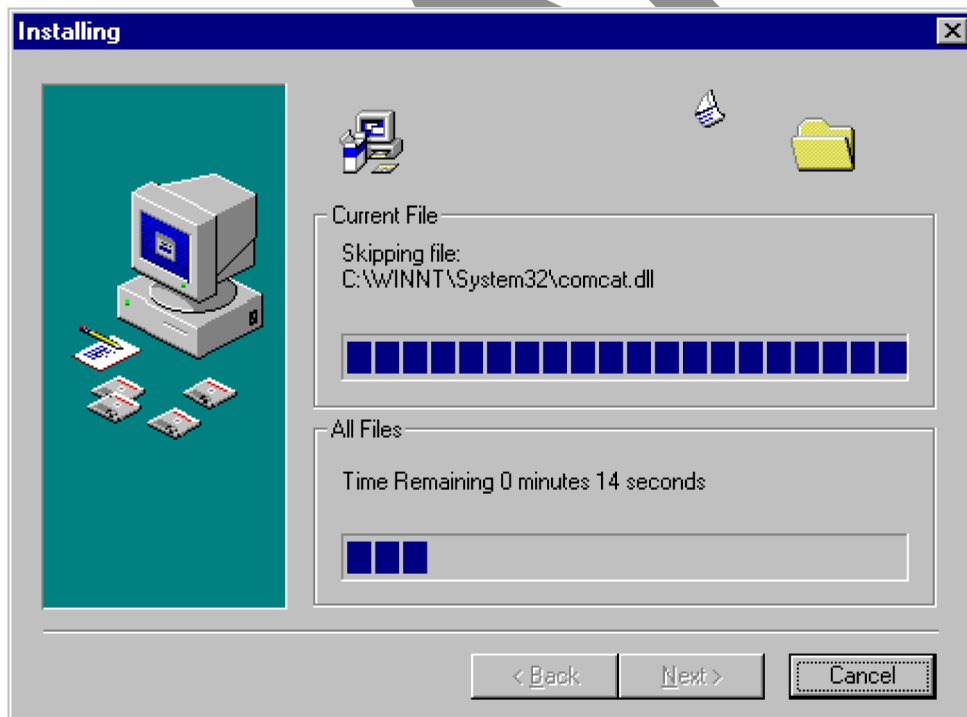

Note: *If you want to install several LTs on the same computer use different names for the Program group.*
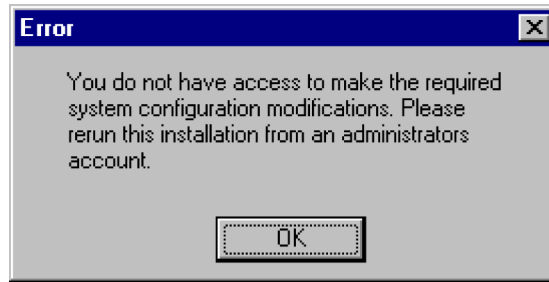
7. The "Start Installation" screen appears (see below). Now, you are ready to install the A7390LT (Craft Terminal) in your computer. Click on the "Next" button to install it. You can cancel the LT installation by clicking on the "cancell" button or you can chnage some of the choosen options by clicking on the "Back" button.
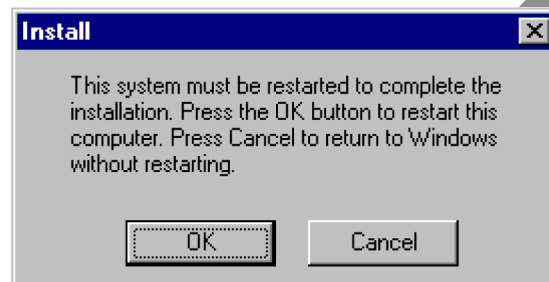
Start Installation

You are now ready to install 9900LT-Craft Terminal.

Press the Next button to begin the installation or the Back button to reenter the installation information.

< Back   Next >   Cancel
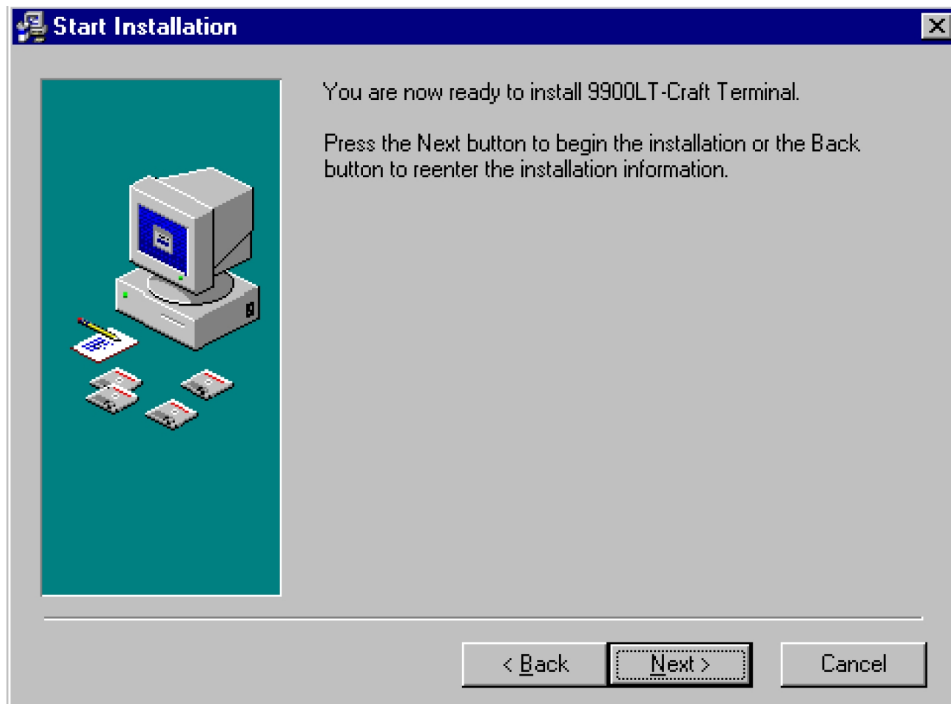
8.   The following window appears indicating that the LT installation is running.

Installing

Current File

Skipping file:
C:\WINNT\System32\comcat.dll

All Files

Time Remaining 0 minutes 14 seconds

< Back   Next >   Cancel

9.   If you dont't have administrator rights, the following window appears. The LT installation has not been completely succesful, so you have to get administrator rights and start again.

Error

You do not have access to make the required system configuration modifications. Please rerun this installation from an administrators account.

OK

10. The installation has been completed. The following window appears. Press OK to restart your computer.

Install

This system must be restarted to complete the installation. Press the OK button to restart this computer. Press Cancel to return to Windows without restarting.

OK   Cancel

11. After copying files, the Simple Network Time Protocol (SNTP) service is installed and started. After this, the installation process is complete.

12. Now, you are ready to run the 7390LT application.

A.2.3 – License the .OCX files

1. Run the Ptlic32.exe file located in :

    C:\Program_files\7390LT-Craft Terminal\Ptlic32.exe

    The "Power TCP" windows appears.

2. Click on the "Licensing" button

    The following window appears:
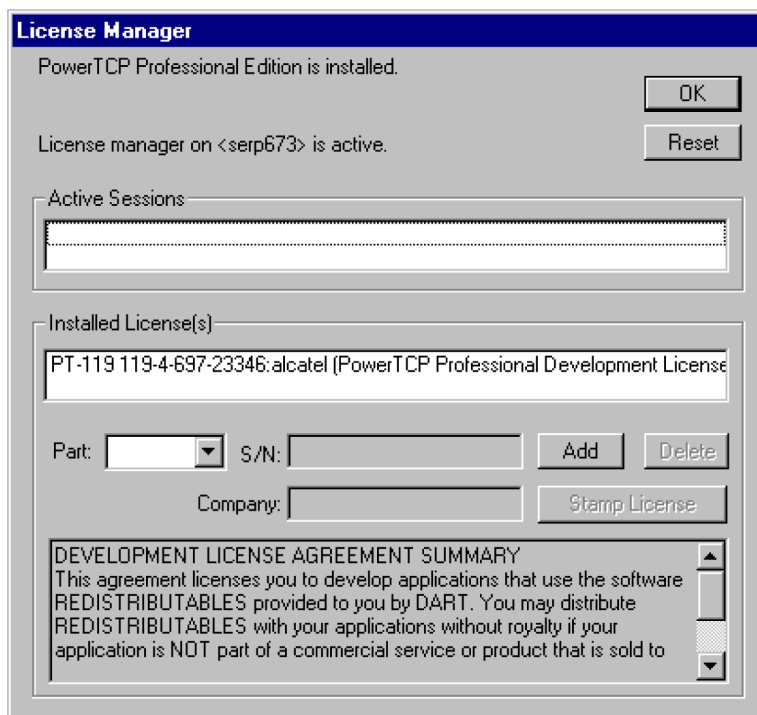
3. Enter the following values

Field	Value
Part	PT-119
S/N	119-4-697-23346
Company	Alcatel CIT

4. Click on Add

    The license is printed in the box "Installed License"

5. Click on the license

6. Click on the "Stamp license" button

7. Select the following OCX file to stamp the license:

    C:\WinNT\System32\ptsnmp32.ocx

    A window appears on the screen mentioning that the licensing has been done succesfully.

8. Move back to the main window (see window above), click on the license detailed in the box "Installed License", and then click on the Delete button.