

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.



3CC12426AAAA TQ BJA 01



Appendix 1 – Installation sheet

A.1.1 – 7390DBS

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

Namo		Operator
Address	No Street	
	Bld Stair Floor	
	Town	
	Country	
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			



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				

Equipment characteristics and onboard software



A.1.2 - 7390 X-Pol RBS

General information	on:Operator Date V	isa
Name Address	No Street Bld Stair Floor Town Country	Operator
Site identification		
Name of Base Station		
Version		
Equipment charac	eteristics	
Initial configuration (1+0)	:	

Equipment characteristics

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				



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				



A.1.3 – Check point list for BS commissioning

CHECKING THE SAFETY REGULATIONS:

-	Equipment ground wire	ОК	NOK
_	Differential protection	OK	NOK
_	Fire protection	ОК	NOK
CHE	CKING THE RADIO INSTALLATION:		
_	No contaminants or possible outflow on the antennas and radio	ок	NOK
_	No personnel allowed in the antenna fields	ОК	NOK
_	Use of torque wrenchs for the radio assembly	ОК	NOK
_	Mast rigidity and absence of vibration	ОК	NOK
_	Antenna clearance in immediate vicinity	ок 📃	NOK
_	Check that the ET390998 coaxial cable is installed	ОК	NOK
_	Radio grounding	ок 🗀	NOK
CHE	CKING THE WIRING BETWEEN X-POI RBS AND DBS:		
_	No crushed cables	ОК	NOK
_	Observance of the minimum bend radius	ОК	NOK
_	Quality of cable ground wire installation	ОК	NOK
_	Sealing of ground relays on the cable	OK	NOK
CHE	CKING THE DBS INSTALLATION:		
_	Min Max temperature of the premises containing the DBS (-5° to +55°C)	ОК	NOK
_	Check air inlets and outlets of the DBS backplane	ОК	NOK
_	Check the 48 Volt polarity	ОК	NOK
_	Check the ground wire of the DBS backplane	ОК	NOK
_	Check that all the client access cables are shielded	ок 🗔	NOK
_	On the DBS panel, J101, J104 and J113 must not be connected	ОК	NOK
_	Check the optical fiber routing	ОК	NOK
_	Check the connection sequence of the X-Pol RBS cables on the panel	ок 🗌	NOK



PAGE INTENTIONALLY LEFT BLANK



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

T390 LT SOFTWARE PACKAGE



- 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.

🛃 Welcome	×
	Welcome to 9900LT-Craft Terminal Setup program. This program will install 9900LT-Craft Terminal on your computer.
	It is strongly recommended that you exit all Windows programs before running this Setup Program.
	Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program .
	WARNING: This program is protected by copyright law and international treaties.
	Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
	<u>N</u> ext> Cancel

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.

월 Choose Destination L	ocation X
	Setup will install 9900LT-Craft Terminal in the following folder. To install into a different folder, click Browse, and select another folder. You can choose not to install 9900LT-Craft Terminal by clicking Cancel to exit Setup.
	Destination Folder C:\\9900LT-Craft Terminal <u>Br</u> owse
	< <u>B</u> ack <u>Next></u> Cancel

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.

월 Select Program Manag	jer Group	×
	Enter the name of the Program Manager group to add 9900LT-Craft Terminal icons to:	
	9900LT-Craft Terminal 9900LT-Craft Terminal Accesorios Adobe Acrobat Agencia Tributaria Aplicaciones Lotus ClearCase ClearCase Administration Creative Herramientas administrativas (Común) HP LaserJet 1100 Inicio Interleaf Internet Explorer Lotus Applications	
	< <u>B</u> ack <u>Next</u> > Canc	el

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.



월 Start Installation		X
	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.	
	< <u>B</u> ack <u>N</u> ext > Cancel	

8. The following window appears indicating that the LT installation is running.

Installing		×
	Line 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 successful, so you have to get administrator rights and start again.





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.	
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:

License Manager				
PowerTCP Professional Edition is installed.	OK			
License manager on <serp673> is active.</serp673>	Reset			
Active Sessions				
Installed License(s) PT-119 119-4-697-23346: alcatel (PowerTCP Professional Development License				
Part: S/N:	Add	Delete		
Company:	Stamp Li	cense		
DEVELOPMENT LICENSE AGREEMENT SUMMARY This agreement licenses you to develop applications that use the software REDISTRIBUTABLES provided to you by DART. You may distribute REDISTRIBUTABLES with your applications without royalty if your application is NOT part of a commercial service or product that is sold to				

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.