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SAILOR 500/250/150 FleetBroadband
SAILOR Fleet One / Optus MobileSat
EXPLORER 727/ 325

Software release version 1.22

Subject:

Please be informed that a new software version 1.22 for the following Cobham SATCOM products has been released:

- SAILOR 500 FleetBroadband TT-3740A
- SAILOR 250 FleetBroadband TT-3742A
- SAILOR 150 FleetBroadband TT-3744A
- SAILOR Fleet One TT-3744A-00581
- Optus MobileSat TT-3721A-00550
- EXPLORER 727 TT-3722A
- EXPLORER 325 TT-3721A

Priority:

- **MEDIUM:** It is recommended to apply this change / initiative to all units in stock. For units sold it is recommended to apply this change / initiative next time the system(s) is inspected.

Major changes from software version 1.21 to version 1.22:

- GNSS driver/module upgrade
 - Support for new type GNSS module, which will be implemented gradually in all products
 - Support for GPS/Glonass/BeiDou
 - MMI configuration of GNSS

Important bug-fixes

- General improvements

Action:

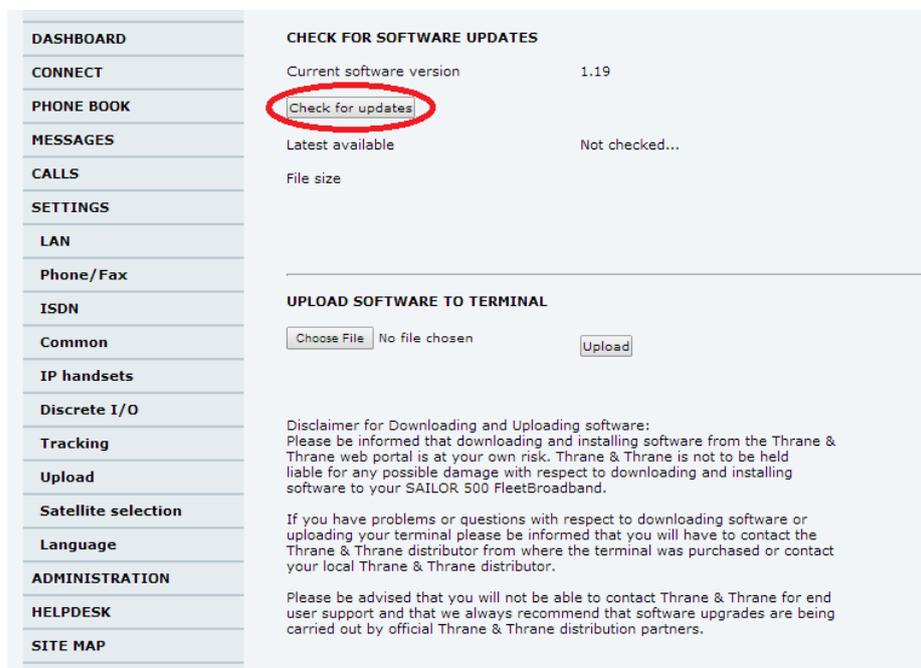
Download file **FBB_E325727_FleetOne_Optus_ver_122.zip** located at Cobham SATCOM partner extranet at <http://extranet.thrane.com/Support.aspx> or at Technical Downloads here: <http://esupport.thrane.com/?group=SSC>. Save and extract to your hard drive.

Download software from the terminal web MMI:

Alternatively, the file can be downloaded from the Cobham SATCOM FleetBroadband update server via the SAILOR web server (shown below). Please note that if this is over air transmission, it will add cost to your airtime bill. **File size is approximately 7.0 MB!!**

From web MMI/interface:

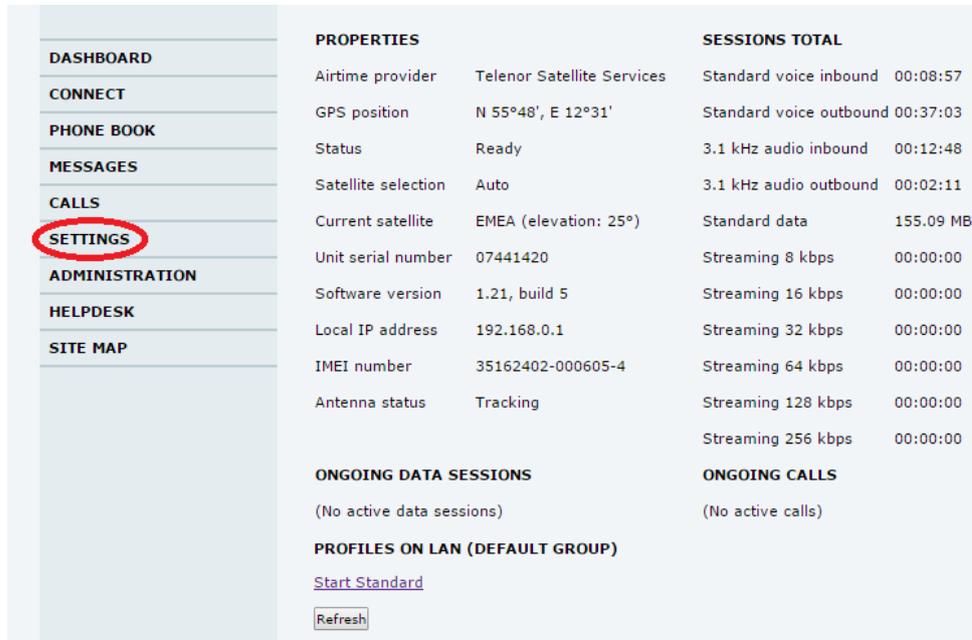
1. Make sure the terminal is switched on and connect the Ethernet cable to your PC.
2. Open your web-browser and open the web interface of the terminal at address <http://192.168.0.1/>
3. Select **SETTINGS**.
4. Select **Upload**.
5. Select **Check for updates** and when found, press download and store on the hard disk of the PC. **The file is approx 7.0 MB. Airtime fee applies!**



6. When the software is downloaded to the hard disk of the PC, follow the description below for updating the terminal.

Procedure for INSTALLING version 1.22

1. Make sure the terminal is switched on and connect the Ethernet cable to your PC
2. Open your web-browser and open the web interface of the terminal at address <http://192.168.0.1/>
3. Select **SETTINGS**.



The screenshot shows the terminal's web interface. On the left is a navigation menu with items: DASHBOARD, CONNECT, PHONE BOOK, MESSAGES, CALLS, **SETTINGS** (circled in red), ADMINISTRATION, HELPDESK, and SITE MAP. The main content area is divided into several sections:

- PROPERTIES**: A table with two columns. The first column lists properties, and the second column lists their values.

Airtime provider	Telenor Satellite Services
GPS position	N 55°48', E 12°31'
Status	Ready
Satellite selection	Auto
Current satellite	EMEA (elevation: 25°)
Unit serial number	07441420
Software version	1.21, build 5
Local IP address	192.168.0.1
IMEI number	35162402-000605-4
Antenna status	Tracking
- SESSIONS TOTAL**: A table with two columns. The first column lists session types, and the second column lists their durations or sizes.

Standard voice inbound	00:08:57
Standard voice outbound	00:37:03
3.1 kHz audio inbound	00:12:48
3.1 kHz audio outbound	00:02:11
Standard data	155.09 MB
Streaming 8 kbps	00:00:00
Streaming 16 kbps	00:00:00
Streaming 32 kbps	00:00:00
Streaming 64 kbps	00:00:00
Streaming 128 kbps	00:00:00
Streaming 256 kbps	00:00:00
- ONGOING DATA SESSIONS**: (No active data sessions)
- ONGOING CALLS**: (No active calls)
- PROFILES ON LAN (DEFAULT GROUP)**: Includes a link for [Start Standard](#) and a button.

4. Select **Upload**.



The screenshot shows the terminal's web interface with the **Upload** option in the left navigation menu circled in red. The main content area displays the following settings:

- ANTENNA**:
 - Antenna bootloader version: 1.0
 - Antenna software version: 1.52
 - Antenna serial number: 0
- L-BAND CONNECTOR**:
 - L-band connector: Enable Disable
 - Buttons:

Continued...

- Click **Browse...** locate and select the software file stored and extracted to **bganx_bdu_1_22-0003.dl**, with Windows Explorer. Click **Upload** and verify that the upload is in progress.

DASHBOARD	CHECK FOR SOFTWARE UPDATES
CONNECT	Current software version 1.21
PHONE BOOK	<input type="button" value="Check for updates"/>
MESSAGES	Latest available Not checked...
CALLS	File size
SETTINGS	
LAN	
Phone/Fax	
ISDN	
Common	<input type="button" value="Choose File"/> bganx_bdu_1_22-0003.d <input type="button" value="Upload"/>
IP handsets	
Discrete I/O	
Tracking	
Upload	
Satellite selection	
Language	
ADMINISTRATION	
HELPDESK	
SITE MAP	

UPLOAD SOFTWARE TO TERMINAL

Disclaimer for Downloading and Uploading software:
Please be informed that downloading and installing software from the Thrane & Thrane web portal is at your own risk. Thrane & Thrane is not to be held liable for any possible damage with respect to downloading and installing software to your SAILOR 500 FleetBroadband.

If you have problems or questions with respect to downloading software or uploading your terminal please be informed that you will have to contact the Thrane & Thrane distributor from where the terminal was purchased or contact your local Thrane & Thrane distributor.

Please be advised that you will not be able to contact Thrane & Thrane for end user support and that we always recommend that software upgrades are being carried out by official Thrane & Thrane distribution partners.

- When the upload is done, the terminal will reboot. Select the address <http://192.168.0.1/> again and verify that the software version is listed as: **1.22, build 3**.

DASHBOARD	PROPERTIES	SESSIONS TOTAL
CONNECT	Airtime provider Telenor Satellite Services	Standard voice inbound 00:08:57
PHONE BOOK	Position N 55°48', E 12°31'	Standard voice outbound 00:37:03
MESSAGES	Status Ready	3.1 kHz audio inbound 00:12:48
CALLS	Satellite selection Auto	3.1 kHz audio outbound 00:02:11
SETTINGS	Current satellite EMEA (elevation: 25°)	Standard data 155.09 MB
ADMINISTRATION	Unit serial number 07441420	Streaming 8 kbps 00:00:00
HELPDESK	Software version 1.22, build 3	Streaming 16 kbps 00:00:00
SITE MAP	Local IP address 192.168.0.1	Streaming 32 kbps 00:00:00
	IMEI number 35162402-000605-4	Streaming 64 kbps 00:00:00
	Antenna status Tracking	Streaming 128 kbps 00:00:00
		Streaming 256 kbps 00:00:00
	ONGOING DATA SESSIONS	ONGOING CALLS
	(No active data sessions)	(No active calls)
	PROFILES ON LAN (DEFAULT GROUP)	
	Start Standard	
	<input type="button" value="Refresh"/>	

Continued...

Please note that the terminal might start an antenna software upgrade after the reboot. Make sure that the upgrade has ended before disconnecting the antenna or switching the system off. **(All LEDs on the terminal must eventually turn green and no warning in the event list).**

7. End of update procedure.

Cobham SATCOM
Customer Service