Thrane & Thrane

Technical Notification

Date: November – 2009

New software ver. 1.11 for TT-3740A SAILOR 500, TT3742A SAILOR 250, TT-3744A SAILOR 150 & TT-3722A EXPLORER 727

Subject:
Please be informed that a new software version 1.11 for the Thrane & Thrane BGANX platform SAILOR 500, SAILOR 250, SAILOR 150 & EXPLORER 727 has been released.

The new software ver. 1.11 covers support of the new Sailor 500 antenna plus, more new features and is correcting several known bugs. The full list features and bug fixes can be found below.

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.

Changes from ver. 1.10 to 1.11:

- **Now supports the new Sailor 500 antenna.**

- **New features and improvements** related to SAILOR 500, SAILOR 250 and SAILOR 150:
    - Support the Inmarsat 8 Kbps and 16 Kbps Streaming services.
    - Tested with the latest Inmarsat FB LaunchPad version 1.4.4 and previous versions.

- **New features and improvements** related to SAILOR 500, SAILOR 250, SAILOR 150 and EXPLORER 727:
    - Remote Management, offering remote access to the BDU web interface.
    - More intelligent Errorlog handling that ensures information about the latest entries.
    - Chinese language in BDU web interface.
    - Recovery from high /low temperatures by updated Temperature Control.
    - Support of new introduced GPS module, replacing the previous type in new production, as well as the previous GPS module.

- **User related bug fixes** related to SAILOR 500, SAILOR 250, SAILOR 150 and EXPLORER 727:
  - o Incorrect handling of External Ringer signal of the I/O pin has been solved.
  - o Mute function of the I/O pin now works for both incoming and outgoing calls.

- **Known problems** related to SAILOR 500, SAILOR 250, SAILOR 150 and EXPLORER 727:
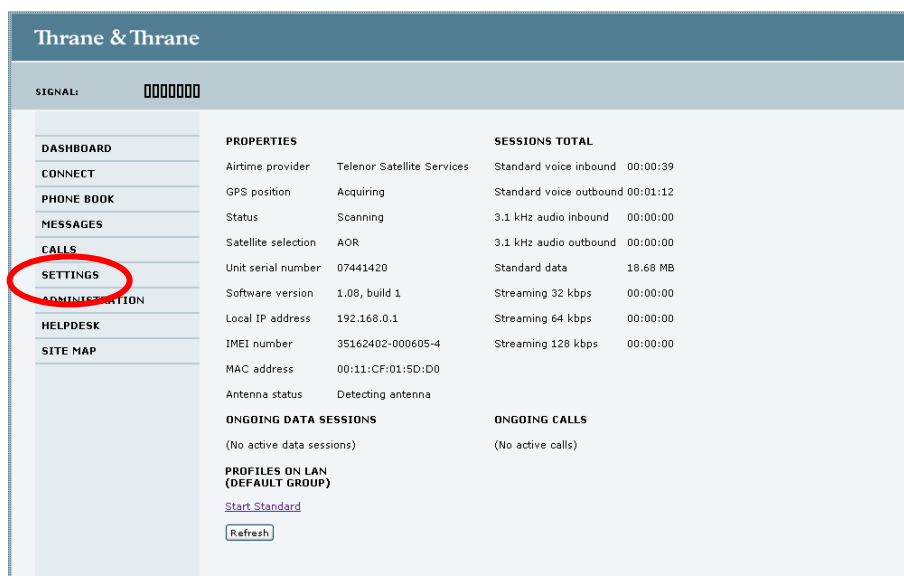 - o None.

Action:
Download file **FB SAILOR 500_250_150_Explorer 727 ver_111.zip** located at Thrane & Thrane extranet http://extranet.thrane.com/Support.aspx or at the Thrane & Thrane A/S eSupport Download Centre:
http://extranet.thrane.com/Support/Technical%20Support.aspx and save / extract it to your hard disk.
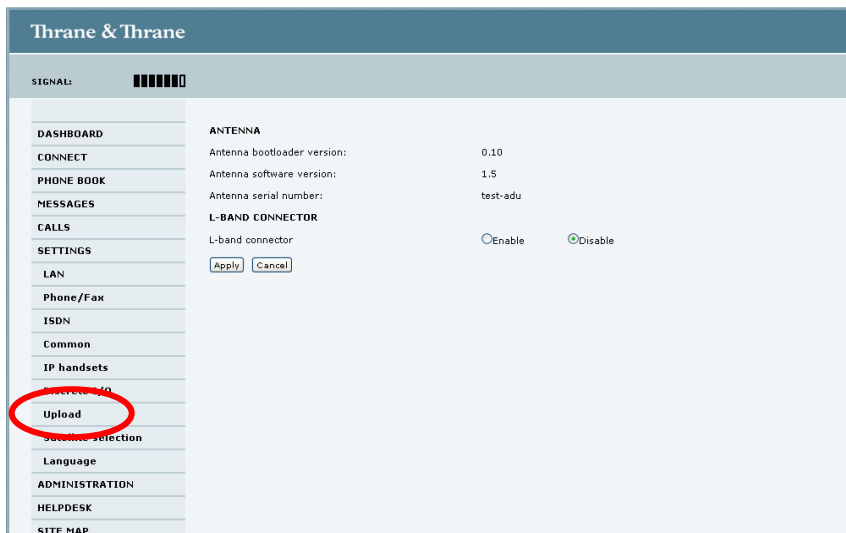
For End Users (from the SAILOR FB):
D) Download the file from the Thrane & Thrane FleetBroadband update server via the SAILOR web server. Please note that if this is over air transmission, it will add cost to your airtime bill. **File Size is approximately 6.0 MB!!**
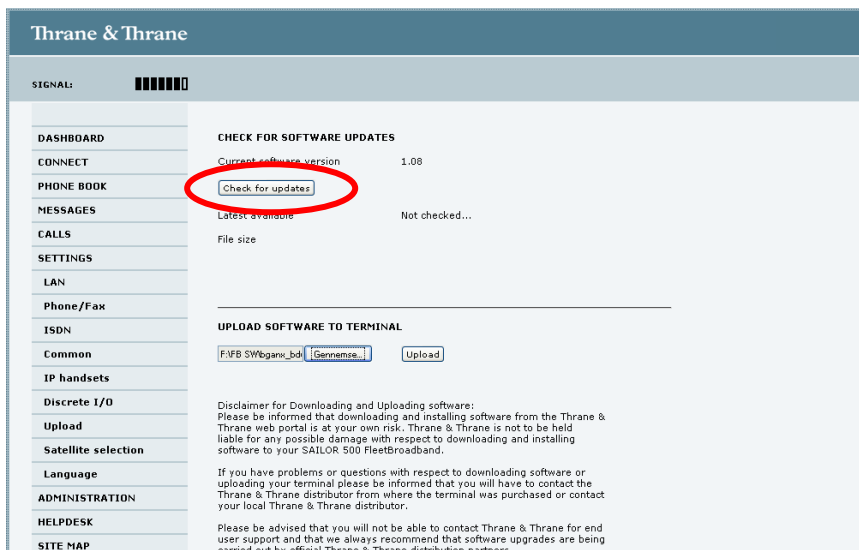
From Web interface:

1. Make sure the SAILOR Terminal TT-3738A or TT-3739A is switched on and connect the Ethernet cable to your PC.
2. Open your web-browser and open the Web Interface of the SAILOR Terminal at address http://192.168.0.1/
3. Select **SETTINGS**.

4. Select **Upload**.

Thrane & Thrane A/S · Lundtoftegaardsvej 93 D · DK-2800 Kgs. Lyngby · Denmark
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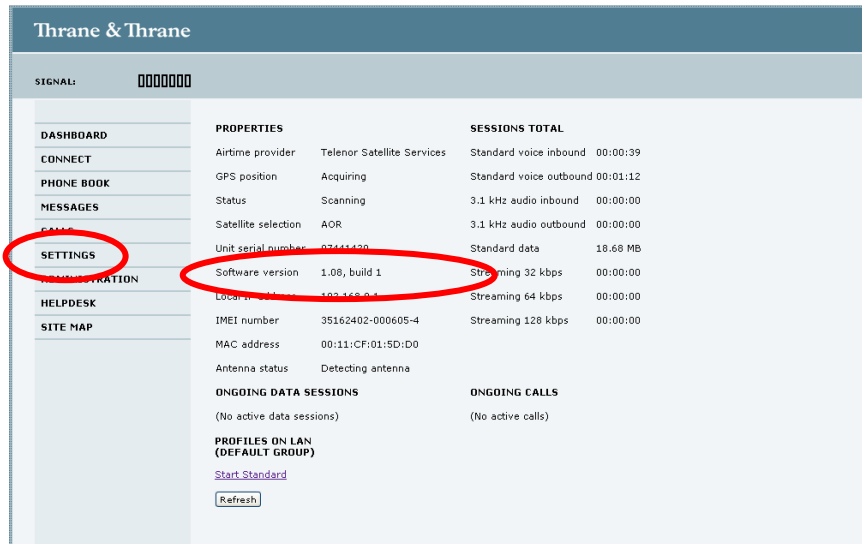Bank: Danske Bank · Comp.reg.: 65 72 46 18 · VAT: DK-20 64 64 46   Page 2 of 6

5. Select **Check for updates** and when found, press download and store on the hard disk of the PC. **The file is approx 6.0 MB. Airtime fee applies!**
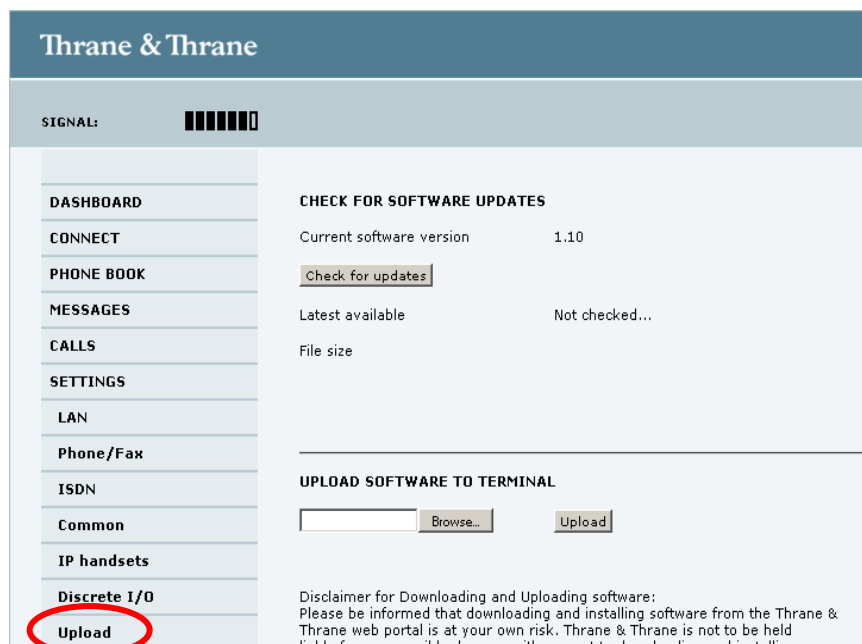

6. When downloaded to the hard disk of the PC, follow the description below for updating the SAILOR 500, SAILOR 250, SAILOR 150 or EXPLORER 727.

7. End of download procedure.

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The following will describe the procedure for INSTALLING ver. 1.11 on SAILOR 500/250/150 and EXPLORER 727.

1. Make sure the SAILOR Terminal TT-3738A is switched on and connect the Ethernet cable to your PC.
2. Open your web-browser and open the Web Interface of the SAILOR Terminal at address http://192.168.0.1/
3. Select **SETTINGS**.

4. Select **Upload**.

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5. Select **Browse…** and locate and select the SW file stored and extracted to **bganx_bdu_ak_16-bganx_bdu.dl** with the explorer.
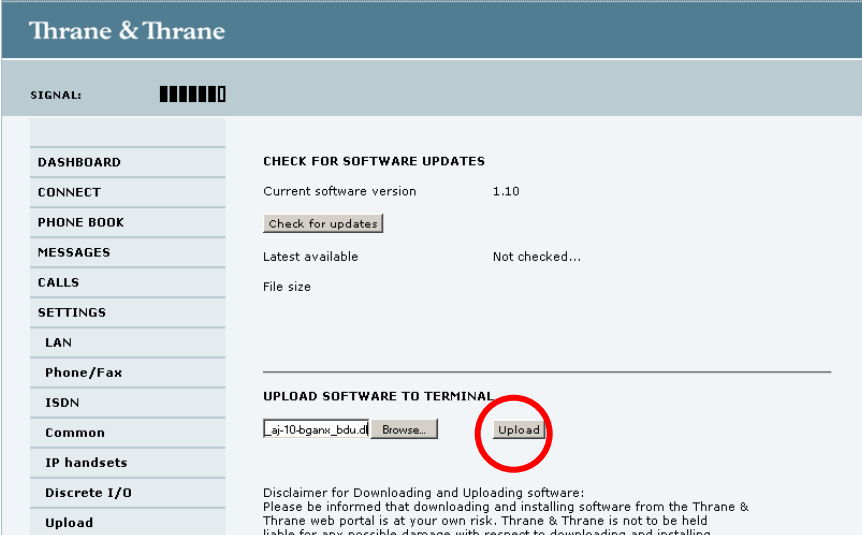
6. Choose **Upload** and verify that the upload is in progress screenshot - below.

7. When the upload is done, the Terminal will reboot, select the address http://192.168.0.1/ again and verify the software version at **DASHBOARD** under **PROPERTIES** is listed as: **1.11, build 16**.

   Pls. note that the terminal might start an antenna software upgrade after the reboot. Make sure that the upgrade has ended before disconnecting antenna or switching the system of. (**All LED on terminal must be green and no warning in the event list)**

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8. End of update procedure.

Thrane & Thrane
After Sales Service

Author:	Date:	Checked:	Date:	Approved:	Date:
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Thrane & Thrane A/S · Lundtoftegaardsvej 93 D · DK-2800 Kgs. Lyngby · Denmark
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