

**407590C/D, 407560A/D**  
**SAILOR 1000 XTR GX-R2, SAILOR 600 XTR GX-R2**

**Software Release Note – SAILOR XTR Software 3.12B009**

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## 1. New features, bug fixes, and known limitations.

### Priority:

- **High:** It is highly recommended to apply this change / initiative to all systems.

### Changes from SAILOR XTR SW ver. 3.10B007 to SW version 3.12B009

#### New features and improvements:

- Consolidated release for all SAILOR XTR products
  - Replaces all previous versions of SAILOR XTR SW, namely 3.10 (last unified XTR release)
- Feature Keys added.
- Major Web GUI update (See appendix)
  - New dashboard with compass rose and active events.
  - New compass rose in the menu on all pages in Web UI
- Cyber security improvements (See appendix)
  - Mandatory HTTPS redirect
  - Added system use description.
  - Configurable security level (with minimums) of admin/guest passwords

#### Related bug fixes:

- General bug fixes and stability improvements

#### Known limitations:

- Web interface and settings
  - When connecting to the Web interface using HTTPS, the browser might reject the connection due to non-supported certificate (see appendix). Depending on the browser, the operator may need to click “Advanced” and “Proceed” or similar.
- Azimuth Calibration.
  - Calibration on a RHC (Right-hand circular polarization) can incorrectly complete successful with incorrect specified values.  
Workaround: Use ‘User controlled’

## 2. Software release history

### Changes from SAILOR XTR SW ver. 3.08B011 to SW version 3.10B007

#### New features and improvements:

- Consolidated release for all XTR products
  - Replaces all previous versions of XTR SW, namely 3.08 (last unified XTR release)
- Add calibration status on wizard azimuth calibration page.
- Display a pop-up warning when enabling manual GPS position.
- Improvement of the Network page.
  - Dropdown boxes now show where the LAN ports is located.  
(ADU port 1 / BDU port 1)
- Disable possibility to change the heading & position source during calibration.

#### Related bug fixes:

- Installation wizard can't activate VSAT profile. Fixed.
- General bug fixes and stability improvements

### Changes from SAILOR XTR SW ver. 3.07B010 to SW version 3.08B011

#### New Features and improvements:

- Consolidated release for all XTR GX-R2 products.
  - Replaces 3.05 (CX751), and 3.07 (SMB3315)

#### Related bug fixes:

- Multiple bug fixes related to dual antenna systems.
- General bug fixes and stability improvements.

### Changes from SAILOR XTR SW ver. 3.05B010 to SW version 3.07B010

#### New Features and improvements:

- Support for the GMU 407523A (new SMB3315 core module)
- Support for ADS (Antenna Diversity Solution)

#### Related bug fixes:

- General stability improvement

### Changes from SAILOR XTR SW ver. 3.05B007 to SW version 3.05B010

#### New Features and improvements:

- Dual Modem / GPIO support. Appendix I
- General stability improvement

#### Related bug fixes:

- GX-R2: GMU goes offline when switching between ADU's.
- Edit/save/close profile buttons in the edit profile mode display incorrect.
- Azimuth calibration:
  - AGC control issues fixed. (Azimuth calibration took long time to finish)
- ADS
  - Keyline count Master / Slave. (Missing keyline / RS422 cable is not detected)

#### Known limitations:

- Web interface and settings

- If the Operator tries to make a secure connection to the Web interface using HTTPS the Browser (Firefox, Edge) might reject the connection due to non-supported certificate. The Operator should use HTTP or the Chrome browser.
- Azimuth Calibration.
  - Calibration on a right-hand circular polarisation can incorrectly complete successful with incorrect specified values. (GX-R2)
  - Automatic azimuth calibration fails.
    - 1) Workaround: Use 'User defined'
- ADS
  - If Slave configuration is changed to a non-ADS setup, no event is shown on the Master.

## **Changes from SAILOR XTR SW ver. 3.04B009 to SW version 3.05B007**

### **New Features and improvements:**

- General stability improvement

### **Related bug fixes:**

- 

### **Known limitations:**

- Web interface and settings
  - If the Operator tries to make a secure connection to the Web interface using HTTPS the Browser (Firefox, Edge) might reject the connection due to non-supported certificate. The Operator should use HTTP or the Chrome browser.
- Azimuth Calibration.
  - Calibration on a right-hand circular polarisation can incorrectly complete successful with incorrect specified values. (GX-R2)
  - Automatic azimuth calibration fails.
    - 1) Workaround: Use 'User defined'
- ADS
  - If Slave configuration is changed to a non-ADS setup, no event is shown on the Master.
  - Short data interruption in user data during antenna switch

## **Changes from SAILOR XTR SW ver. First official release 304B009**

### **High lights:**

- First official release

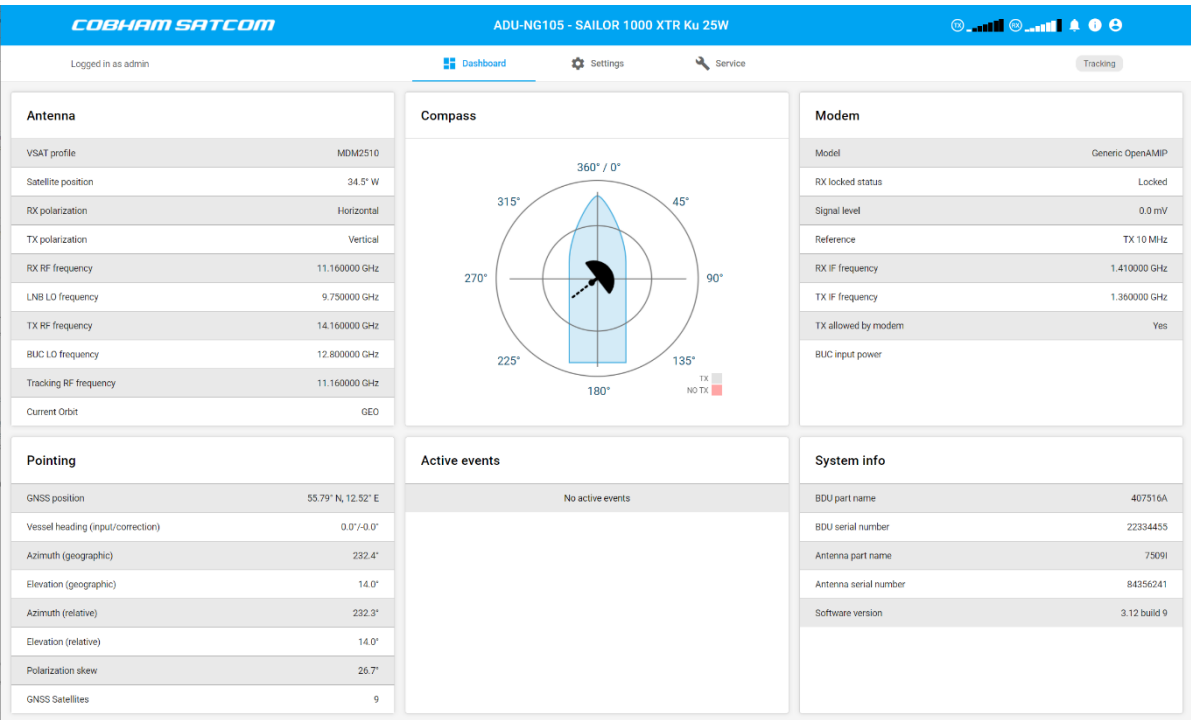
### 3. Software upload procedure

1. Software upload procedure Extract the “SAILOR XTR GX-R2 software 310B007.zip” file  
Open an Internet browser on the PC and enter the web address to the SAILOR XTR at <https://192.168.0.1>.
2. To login as ADMIN  
Enter **ADMINISTRATOR LOGIN**:  
**Username:** (admin (case sensitive))  
**Password:** (your admin password)  
Or  
Press the BDU left keypad for 5 sec. to enable the ‘**local administration function**’.  
Logs in as admin without the use of a password. *BDU will automatically log out after 1 hour*  
Note: Accessing the BDU with ‘local administration function’ does not change the current admin account password.
3. Locate ‘Upload’ section under Service-Software menu. Click ‘Choose file’ to browse, select the new software file (tt7091\_3.10-0007-acu\_release.sig.enc.tif) and click ‘Upload’.
4. The SAILOR XTR system will upload the new software and reboot.
5. After the system becomes available again verify that the software page shows the new software version as active for the currently loaded software.

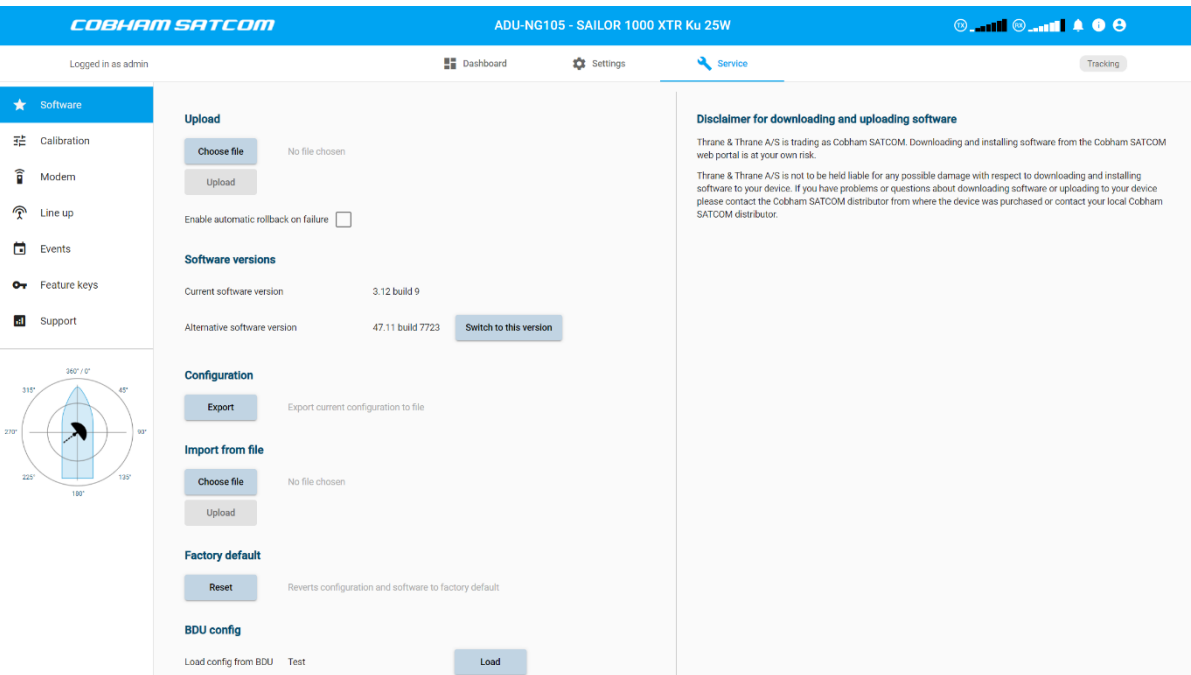
This concludes the SW upload procedure.

## 4. Appendix.

New dashboard with compass rose and active events:



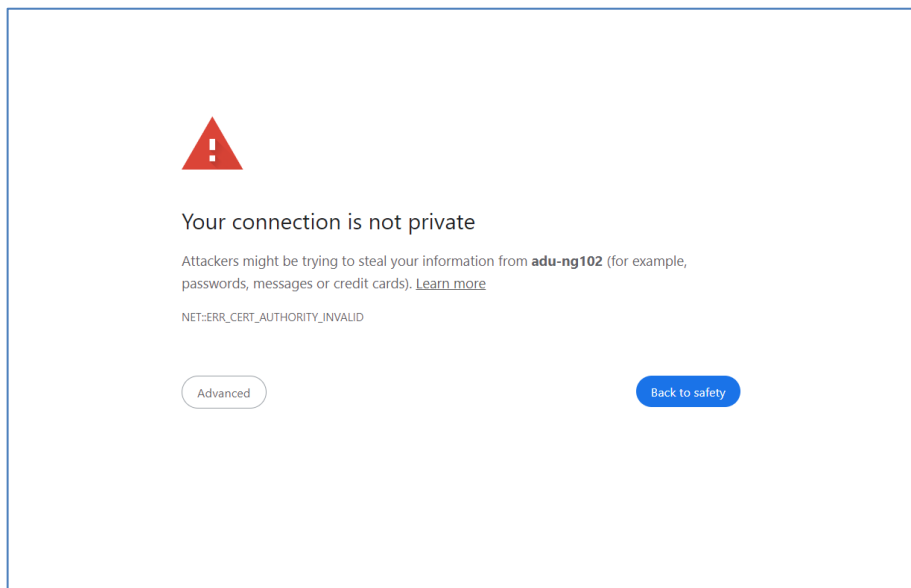
New compass rose in the menu on all other pages:





Mandatory redirect from http to https (a small part of the cyber security upgrade, RED and/or E26/E27):

The user needs to click Advanced and select to proceed. Details is browser specific.



Feature Keys page have been added:

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adu-ng102 - SAILOR 1000 XTR GX-R2 4.5W

Logged in as admin

Dashboard Settings Service

Secondary: Idle Ready

- ★ Software
- Calibration
- Modem
- Line up
- Events
- Feature keys**
- Support

**Antenna system serial**

12345678

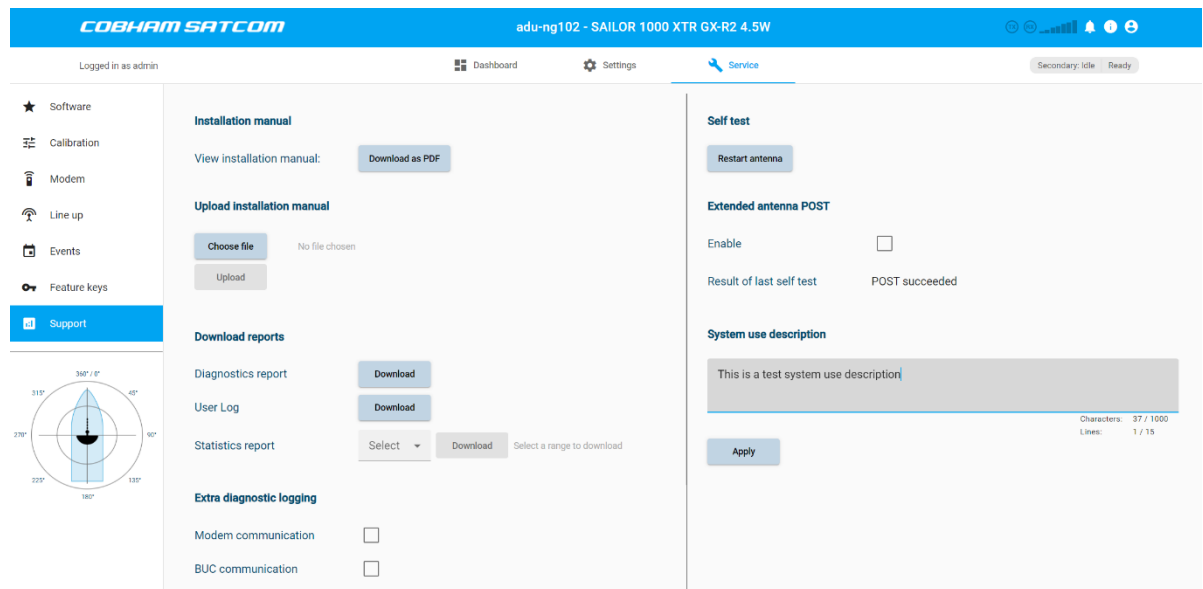
**Installed feature keys**

Key	Description	Action
Inm_GX10	Inmarsat GX10 HEO operation	×
Gen_NGSO	Generic NGSO OpenAMIP LEO/MEO/HEO/GEO operation (unsupported in this configuration)	×

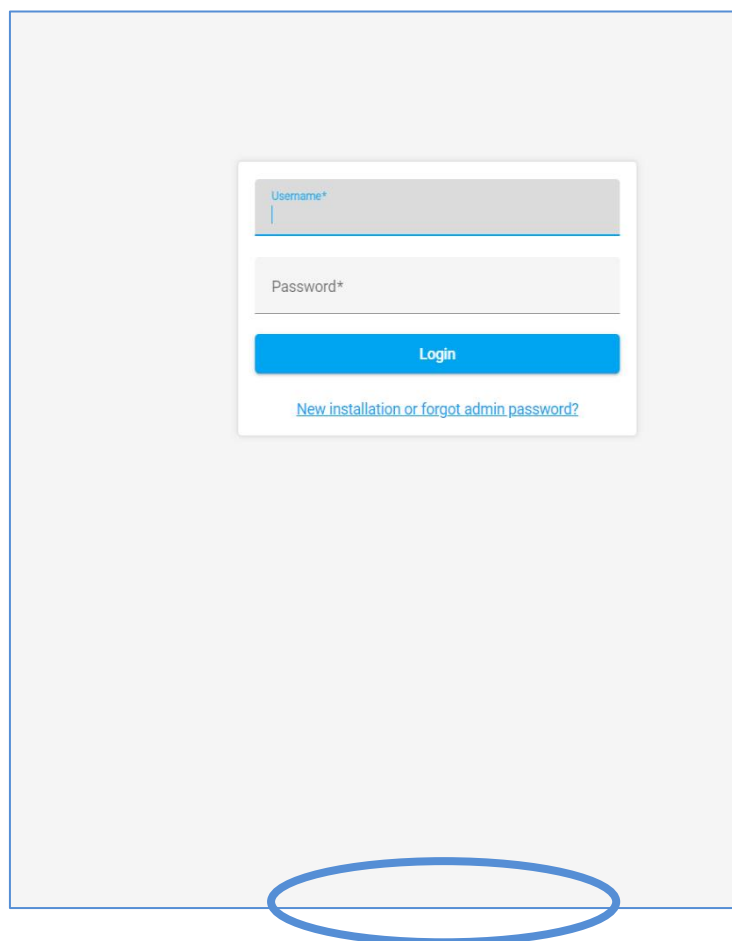
**Inactive feature keys**

Key	Description	Action
No items		

Added system use description (a small part of the cyber security upgrade, RED and/or E26/E27):



This is shown on the login screen:



Configurable security level (with minimums) of admin/guest passwords (a small part of the cyber security upgrade, RED and/or E26/E27):

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adu-ng102 - SAILOR 1000 XT

Logged in as admin

DashboardSettings

VSAT profiles

Network

Navigation

Blocking zones

IoT & Management

Dual antenna

User administration

Installation wizard

360° / 0°

45°

90°

135°

180°

225°

270°

315°

User settings

guest

admin

Password settings

Minimum length	8
Minimum number of lowercase characters	1
Minimum number of uppercase characters	1
Minimum number of digits	1
Minimum number of special characters	1

Apply