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SAILOR 1000 XTR GX-R2, SAILOR 600 XTR GX-R2

Software Release Note – SAILOR XTR Software 3.12B009

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REVISION HISTORY				
Rev.	Date	App.	Section	Description / Remarks
A	07-2022		All	304B009
B	09-2022		All	305B007
C	11-2022		All	305B010
D	06-2023		All	307B010
E	06-2023		All	305B014
F	06-2023		All	305B015
G	11-2023		All	308B011
H	12-2023		All	3.10B007
I	June 2024		All	312B009

Table of Contents

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

- o 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.
  - o Calibration on a right-hand circular polarisation can incorrectly complete successful with incorrect specified values. (GX-R2)
  - o Automatic azimuth calibration fails.
    1) Workaround: Use 'User defined'
- ADS
  - o 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:
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Known limitations:
- Web interface and settings
  - o 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.
  - o Calibration on a right-hand circular polarisation can incorrectly complete successful with incorrect specified values. (GX-R2)
  - o Automatic azimuth calibration fails.
    1) Workaround: Use 'User defined'
- ADS
  - o If Slave configuration is changed to a non-ADS setup, no event is shown on the Master.
  - o 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.tiif) 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
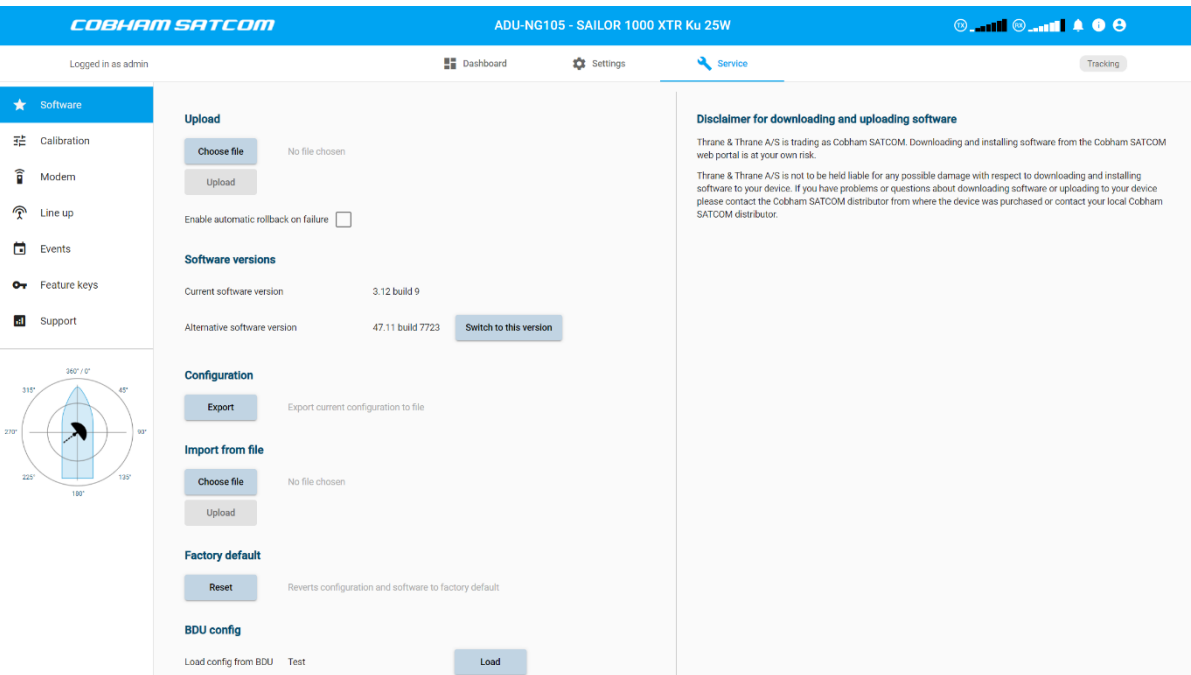   software version as active for the currently loaded software.

   This concludes the SW upload procedure.

4.   Appendix.

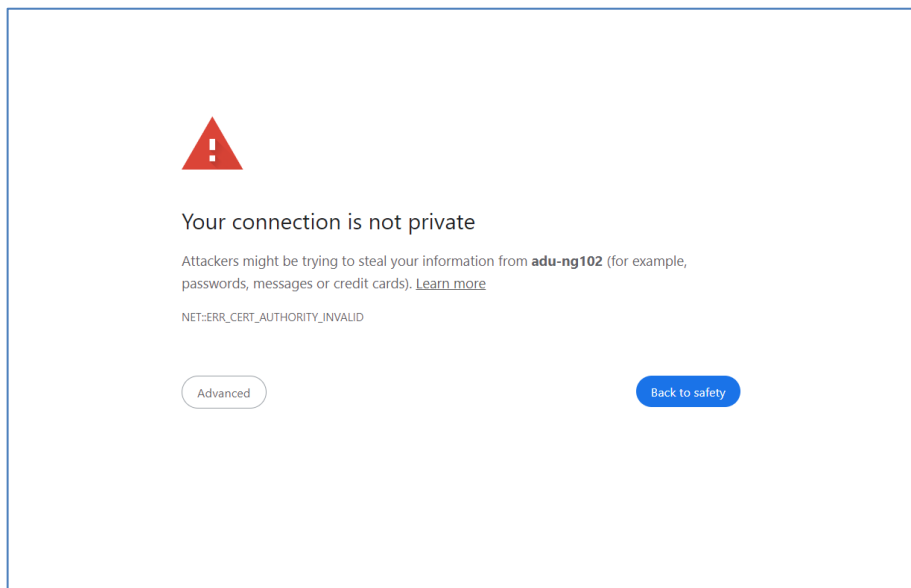New dashboard with compass rose and active events:
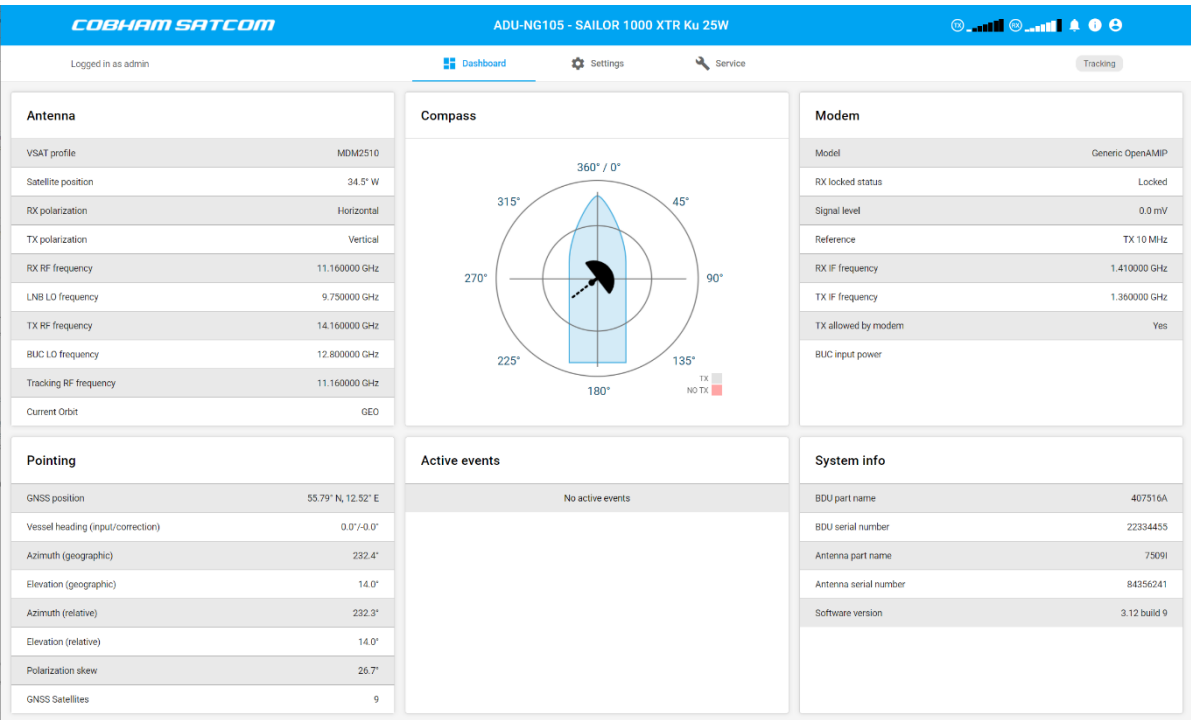
New compass rose in the menu on all other pages:

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:

Added system use description (a small part of the cyber security upgrade, RED and/or E26/E27):
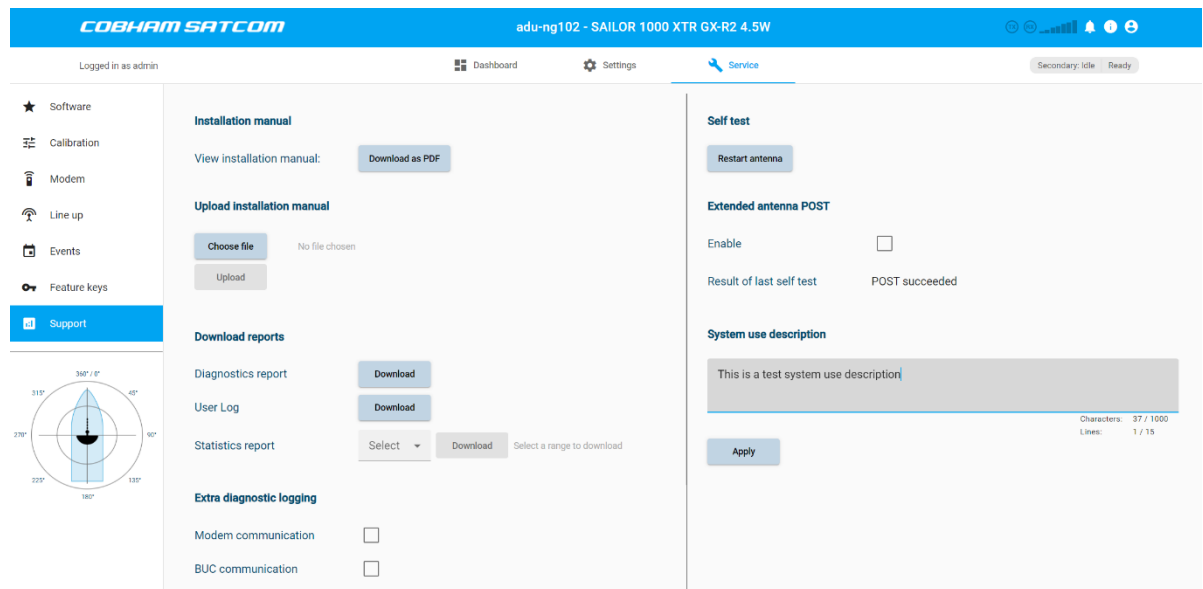
This is shown on the login screen:
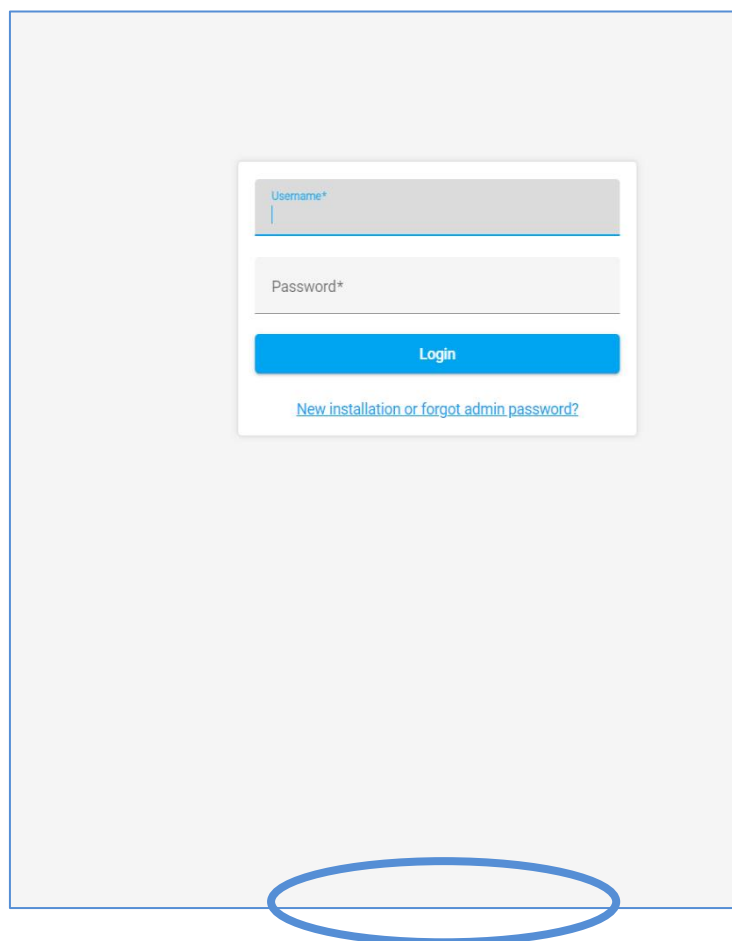
Configurable security level (with minimums) of admin/guest passwords (a small part of the cyber security upgrade, RED and/or E26/E27):