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SAILOR VSAT
SW ver. 1.57 Build 024

Subject:

Please be informed that new software, version 1.57 build 024 for SAILOR 60 GX – SAILOR 100 GX, has been released.

Priority:

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

Changes from SW ver. 1.57 Build 021 to SW ver. 1.57 Build 024

- **New features and improvements:**
 - Search window definition has been changed from +/-2 to +/-4 degrees. This change will allow the antenna to acquire the correct satellite even if the vessel gyro is imprecise.
 - Improved tracking algorithm. This improvement applies especially to smaller vessels operating in rough seas.
- **User related bug fixes:**
 -
- **Known problems:**
 - None

Release history

Changes from SW ver. 1.54 Build 012 to SW ver. 1.57 Build 021

- **New features and improvements:**
 - Furuno updates
 - Terminal ID, acuvendor, SAILOR 60 GX, SAILOR 100 GX
 - rftype 1011 for FV-100GX.
 - rftype 1012 for FV-60GX.
 - Self-refreshing Dashboard.
 - Added options for extra modem and BUC diagnostics. Appendix II.
 - Enabled in the help desk, shown in diagnostic report
 - Line-up available
 - Added Cross-Elevation Bearing performance optimization. Appendix I.
 - Minimize friction by improving distribution of grease in bearing.
 - Added support for X7 Modem on GX systems
 - Now possible to switch between Ka and GX by changing modem profile.
 - Improved tracking algorithm for SAILOR 60 GX
- **User related bug fixes:**
 - Auto recovery after antenna shutdown corrected
 - Possibility for spurious FDM shutdown corrected on SAILOR 60 GX
 - RF performance improvements after auto-recovery
 - GNSS Position on Dashboard showing position with an offset to the D° M". Appendix III.
 - Bug Fixed. GNSS Position now shown in degrees and decimal degrees
- **Known problems:**
 - None

Changes from SW ver. 1.50 Build 036 to SW ver. 1.54 Build 012

- **New features and improvements:**
 - New WEB MMI layout. (see appendix)
 - New Navigation menu.
 - Heading: External, Fixed, None
 - GPS: Possible to manually input GPS position. (see appendix)
 - Support for new GNNS module.
 - GPS, Glonass, BeiDu is supported with the new Hw installed. (see appendix)
 - SNMP Trap support (see appendix)
 - For info. See the MIB file.
 - Remote syslog (see appendix)
 - Improved heading handling (GPS compass)
 - SAILOR 60 GX support

- **User related bug fixes:**
 - EVENT LIST: UTC shows local time
- **Known problems:**
 - None

Changes from SW ver. 1.50 Build 016 to SW ver. 1.50 Build 036

- **New features and improvements:**
- **User related bug fixes:**
 - Antenna does not respond to a 'jog command' Fixed
- **Known problems:**
 - None

Changes from SW ver. 1.48 Build 129 to SW ver. 1.50 Build 016

- **New features and improvements:**
 - Complete support for SAILOR 100 GX and GX upgrade kit.
 - Azimuth calibration using active satellite profile.
 - "Just click and calibrate"
 - Stores previous sw ver. for easy roll back.
 - "Just click and roll back previous sw ver."
 - Extra options on Generic modem setup (RSSI / Rx-LOCK)
 - Reacquisition based on RX-lock status (high / low - threshold)
 - Additional RX Locked status on the Dash Board – VSAT Modem.
- **User related bug fixes:**
 - Reacquisition in 'Generic Modem mode' based on RX-lock status.
 - Recalibration of ZRM/encoders before acquisition to minimize influence of radar interference in the encoders.
 - *The fix will make the ADU more robust, but not fix the entire interference issue when the ADU is installed within the +-15 deg radar beam.*
 - Occasional PMM POST failure after reboot.
 - Changing admin password using POST.
- **Known problems:**
 - Issues with iDirect Serial modem sw version 15.0.0.X.
The SAILOR VSAT does not get the Tx frequency parameter from the modem. This will result in a warning on the SAILOR VSAT.
The Tx frequency used for the cable calibration will then be set to 1.225Ghz for best possible performance.
Note: With sw. ver. 1.48 build 114 and lower, the SAILOR VSAT will raise a permanent alarm, and will not be operative.

Software upload procedure.

1. Extract the "SAILOR VSAT - GX Software 1.57B024.zip" file
2. Open an Internet browser on the PC and enter the web address to the SAILOR VSAT/GX at <http://192.168.0.1>.
3. Select **ADMINISTRATION**.
Enter **ADMINISTRATOR LOGIN**:
User name: (default = admin (case sensitive))
Password: (default = 1234)
4. Locate UPLOAD SOFTWARE TO TERMINAL , Browse, and select the new software file tt7xxx_1.57-24-acu.tiif
5. The SAILOR VSAT/GX system will reboot,
6. Verify that the page shows the new software version numbers currently loaded in the ACU.

This concludes the SW upload procedure.