1   SW RELEASE HISTORY

1.1   **SW 1.4.2 (2021-09-30)**

1.1.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,U1 and earlier.

1.1.2   **List of Changes**

- o Correction of BAM features after clarifications from WG16 IEC 62923

1.2   **SW 1.4.1 (2021-05-19)**

1.2.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,U1 and earlier.

1.2.2   **List of Changes**

- o Bug fixes

1.3   **SW 1.4.0 (2021-03-19)**

1.3.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,U1 and earlier.

1.3.2   **List of Changes**

- New standard Class A Ed.3 implemented
- Notifications
- Extended Dimensions
- Alert Serial Output configuration

1.4   **SW 1.3.9 (2021-02-05)**

1.4.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,T1 and earlier.

1.4.2   **List of Changes**

- Stability improvement

1.5   **SW 1.3.8 (2020-09-07)**

1.5.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,S1 and earlier.

1.5.2   **List of Changes**

- Support for interpretation of Trackers in Tender Tracking Systems

1.6   **SW 1.3.7 (2020-08-25)**

1.6.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,R1 and earlier.

1.6.2   **List of Changes**

- Tender Tracking updates

1.7   **SW 1.3.6 (2020-05-29)**

1.7.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,Q1 and earlier.

1.7.2   **List of Changes**

- o Support for new Secure AIS product configuration

1.8   **SW 1.3.5 (2020-05-05)**

1.8.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,N and earlier.

1.8.2   **List of Changes**

- General updates
  - o Improved debugging support

1.9   **SW 1.3.2 (2019-12-17)**

1.9.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,L and earlier.

1.9.2   **List of Changes**

- Interface function updates

- o Fix of serial output format deviation
- GUI changes/Updates
    - o Fix of German text strings
- General updates
    - o Support for CW test
    - o Improved adaptation to HW rev L

1.10   **SW 1.3.0 (2019-02-28)**

1.10.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,L and earlier.

1.10.2   **List of changes**

- Interface function updates
    - o Bridge Alert Management (BAM) compatibility (according to IEC 62923-1 Ed.1)
- GUI changes/Updates
    - o Alarm renamed to alerts (Alarm is ahead a priority of an alert)
    - o New icons for alert priorities, notifications and there states
    - o New Locating Device ranges for AIS- SART/MOB/EPIRB classification (according to IEC 61993-2 Ed.3)
    - o Quick access to Alert List implemented
- General updates
    - o Bug fixes

1.11   **SW 1.2.3 (2018-02-28)**

1.11.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,K and earlier.

1.11.2   **List of changes**

- Support for Tender Tracking product.
- Fix for bad corrections causing internal GPS to lose position fix.
- Improved VSWR measurement stability.

1.12   **SW 1.2.2 (2017-09-28)**

1.12.1   **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,K and earlier.

1.12.2 **List of changes**

- Minor bug fixes.

1.13 **SW 1.2.1 (2017-06-28)**

1.13.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,K and earlier.

1.13.2 **List of changes**

- Input of lower case ship name, call sign and destination from external systems accepted and automatically converted to upper case.

1.14 **SW 1.1.16 (2016-03-10)**

1.14.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,K and earlier.

1.14.2 **List of changes**

- AIS DGPS correction stability fix. Will automatically disable DGPS mode in internal GPS if correction data is insufficient for a position fix.

1.15 **SW 1.1.14 (2015-09-07)**

1.15.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,J and earlier.

1.15.2 **List of changes**

Inland AIS Test standard 2.0 compatibility updates:

- Support for ERI ship type: 1920 "catamaran fast".
- IMO ship type set based on ERI code
- Default ERI code updated
- Inland ship size will always use "Simplified mode".
- Ship size mismatch alarm removed. (can no longer occur)
- Updated "Simplified mode" ship size input parameters: X and Y replaced by B and C dimensions.
- Alarm config password protected

1.16 **SW 1.1.13 (2015-06-23)**

1.16.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,J and earlier.

1.16.2 **List of changes**

- ITU 1371-5 Compliance
- IEC 62288 Ed.2 Compliance
    - New Symbols
        - SAR, ATON and Virtual ATON
- PSVDM input for AIS simulation
- 1W Mode control from External Switch option
- Inland mode: Persons on board with >255 passengers fix
- New NavStatus settings:

    - 11 = powerdriven vessel towing astern (regional use)
    - 12 = power-driven vessel pushing ahead or towing alongside (regional use)
- GPS Navigation 500m above mean sea level fix

1.17 **SW 1.1.10 (2014-07-16)**

1.17.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,J and earlier.

1.17.2 **List of changes**

- Minor bug fixes
- Inland AIS: Possibility to periodically TX pob

1.18 **SW 1.1.9 (2014-03-18)**

1.18.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,H and earlier.

1.18.2 **List of changes**

Bug fixes:

- Ship size input check

New features:

- Display altitude of SAR AIS units
- Long Range AIS (Msg 27) TX on by default

- Improved power/frequency test capability for surveyors

1.19 **SW 1.1.8 (2013-09-10)**

1.19.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,G and earlier.

1.19.2 **List of changes**

Bug fixes:

- Fix for PoB, HoK and some other additional binary messages not being automatically replied to upon interrogation.

New features:

- Disabled output of own transmissions received from an AIS repeater.

1.20 **SW 1.1.6 (2013-06-14)**

1.20.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,G and earlier.

1.20.2 **List of changes**

Compliance to IEC 61993-2 Ed 2.0

Bug fixes:

- Improved support for USB memories.
- SAR name now shown as "SAR: MMSI" when no name is available.

New features:

- Import/export unit configuration using USB.
- Added integrity check for software load files.

1.21 **SW 1.0.12 (2013-02-20)**

1.21.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,F and earlier.

1.21.2 **List of changes**

Bug fixes:

- Fix for tanker 1W mode not forcing 1W transmission power.
- Report no timestamp on radio link when sensor data provides no timestamp.
- Non-functional time reported reason as malfunction when actual reason was silent due to switch/silent mode.

- Heading alarm was always reported as OK when using a forced position source.
- Fix for restore configuration and added password to configurations that are restored.
- Suggested target for communication test could be outdated.

New features:

- Support for query reply of IEC 61162-1 VER sentence.
- Sensor input priority also considers which sentence data is received in.
- SART alarm is reactivated (made unacknowledged) when a new active SART is received while alarm is still active due to other active SARTs.
- MKD language support for Spanish.

1.22 **SW 1.0.11 (2012-12-10)**

1.22.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,E and earlier.

1.22.2 **List of changes**

Bug fixes:

- Transmission of position reports after reboot even when display indicates "Silent" Tx Mode.
- Start-up Tx Mode, transponder could sometimes start in "Normal" Tx Mode after reboot even though it was configured as "Silent" before reboot.
- Button Illumination value in configuration view *"Visual"* had inverse effect (0% = maximum backlight) on hardware revision B and later.

New features:

- Possible to query targets for static and voyage data and persons on board in *Extended Info* view.
- MKD language support for Dutch, English (default), French, German, Hungarian and Romanian.
- New alarm "AIS: TX disabled externally" when external silent switch inhibits transmit.
- Delete all SRM/text messages functionality.

1.23 **SW 1.0.6 (2012-09-25)**

1.23.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,B and earlier.

1.23.2 **List of changes**

Bug fixes:

- Incorrect range for IMO number
- No password for Inland Euro Type
- Avoid jump in alarm list
- Altitude incorrectly displayed
- Tx mode in PSTT,152 incorrect
- Talker id field of NAK sentence incorrect for password response
- Rename Euro Number and Euro Type
- Incorrect ERI ship type not displayed

1.24 **SW 1.0.3 (2012-06-21)**

1.24.1 **Compatibility**

Tested to be compatible with R5 SOLID AIS 7000 118-501,A5 and earlier.

1.24.2 **List of changes:**

Fixed bug where RS-232 port may be forced to 115200 bps