Table of contents

1 R5 SUPREME CDU SW release history 5
1.1 SW 1.3.6 (2020-05-29) 5
1.1.1 Compatibility 5
1.1.2 List of changes 5
1.2 SW 1.3.3 (2020-03-16) 5
1.2.1 Compatibility 5
1.2.2 List of changes 5
1.3 SW 1.3.2 (2019-12-17) 5
1.3.1 Compatibility 5
1.3.2 List of changes 5
1.4 SW 1.3.1 (2019-09-16) 6
1.4.1 Compatibility 6
1.4.2 List of changes 6
1.5 SW 1.3.0 (2019-08-21) 6
1.5.1 Compatibility 6
1.5.2 List of changes 6
1.6 SW 1.2.6 (2018-05-04) 7
1.6.1 Compatibility 7
1.6.2 List of changes 7
1.7 SW 1.2.5 (2017-03-12) 7
1.7.1 Compatibility 7
1.7.2 List of changes 7
1.8 SW 1.2.4 (2017-03-08) 7
1.8.1 Compatibility 7
1.8.2 List of changes 7
1.9 SW 1.2.3 (2017-03-07) 7
1.9.1 Compatibility 7
1.9.2 List of changes 7
1.10 SW 1.2.2 (2017-09-28) 8
1.10.1 Compatibility 8
1.10.2 List of changes 8
1.11 SW 1.2.1 (2017-06-28) 8
1.11.1 Compatibility 8
1.11.2 List of changes 8

1.12 SW 1.1.16 (2016-03-08) 9
1.12.1 Compatibility 9
1.12.2 List of changes 9
1.13 SW 1.1.15 (2015-11-13) 9
1.13.1 Compatibility 9
1.13.2 List of changes 9
1.14 SW 1.1.14 (2015-09-21) 10
1.14.1 Compatibility 10
1.14.2 List of changes 10
1.15 SW 1.1.10 (2014-07-01) 10
1.15.1 Compatibility 10
1.15.2 List of changes 10
1.16 SW 1.1.9 (2014-03-12) 10
1.16.1 Compatibility 10
1.16.2 List of changes 11
1.17 SW 1.1.8 (2013-09-10) 11
1.17.1 Compatibility 11
1.17.2 List of changes 11
1.18 SW 1.1.6 (2013-06-14) 12
1.18.1 Compatibility 12
1.18.2 List of changes 12
1.19 SW 1.0.12 (2013-02-20) 13
1.19.1 Compatibility 13
1.19.2 List of changes 13
1.20 SW 1.0.1 (Initial release) 14
1.20.1 Compatibility 14
2 R5 SUPREME AIS TRANSPONDER SW release history 15
2.1 SW 1.3.6 (2020-05-29) 15
2.1.1 Compatibility 15
2.1.2 List of changes 15
2.2 15
2.3 SW 1.3.2 (2019-12-17) 15
2.3.1 Compatibility 15
2.3.2 List of changes 15
2.4 SW 1.3.0 (2019-08-21) 15
2.4.1 Compatibility 15

2.4.2 List of changes....15
2.5 SW 1.2.3 (2018-02-28)....16
2.5.1 Compatibility....16
2.5.2 List of changes....16
2.6 SW 1.2.2 (2017-09-28)....16
2.6.1 Compatibility....16
2.6.2 List of changes....16
2.7 SW 1.2.1 (2017-06-28)....16
2.7.1 Compatibility....16
2.7.2 List of changes....16
2.8 SW 1.1.18 (2016-11-02)....16
2.8.1 Compatibility....16
2.8.2 List of changes....16
2.9 SW 1.1.16 (2016-03-09)....16
2.9.1 Compatibility....16
2.9.2 List of changes....17
2.10 SW 1.1.15 (2015-11-13)....17
2.10.1 Compatibility....17
2.10.2 List of changes....17
2.11 SW 1.1.14 (2015-09-22)....17
2.11.1 Compatibility....17
2.11.2 List of changes....17
2.12 SW 1.1.13 (2015-06-23)....17
2.12.1 Compatibility....17
2.12.2 List of changes....17
2.13 SW 1.1.10 (2014-07-01)....17
2.13.1 Compatibility....17
2.13.2 List of changes....18
2.14 SW 1.1.9 (2014-03-12)....18
2.14.1 Compatibility....18
2.14.2 List of changes....18
2.15 SW 1.1.8 (2013-09-10)....18
2.15.1 Compatibility....18
2.15.2 List of changes....18
2.16 SW 1.1.6 (2013-06-14)....18
2.16.1 Compatibility....18

2.16.2 List of changes....19
2.17 SW 1.0.12 (2013-02-20)....19
2.17.1 Compatibility....19
2.17.2 List of changes....19
2.18 SW 1.0.11 (2012-12-10)....19
2.18.1 Compatibility....19
2.18.2 List of changes....20
2.19 SW 1.0.7 (Initial release)....20
2.19.1 Compatibility....20
3 R5 NAV GNSS/DGNSS Sensor SW release history....21
3.1 SW 1.3.2 (2019-12-17)....21
3.1.1 Compatibility....21
3.1.2 List of changes....21
3.2 SW 1.3.0 (2019-08-21)....21
3.2.1 Compatibility....21
3.2.2 List of changes....21
3.3 SW 1.2.5 (2018-09-17)....21
3.3.1 Compatibility....21
3.3.2 List of changes....22
3.4 SW 1.2.3 (2018-03-07)....22
3.4.1 Compatibility....22
3.4.2 List of changes....22
3.5 SW 1.2.0 (Initial release)....22
3.5.1 Compatibility....22

1 R5 SUPREME CDU SW RELEASE HISTORY

1.1 SW 1.3.6 (2020-05-29)

1.1.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,V and earlier.

1.1.2 List of changes

- Support for new product configurations

1.2 SW 1.3.3 (2020-03-16)

1.2.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,U and earlier.

1.2.2 List of changes

- Fix for memory component failure experienced after extensive operating time
  - Failures in the future are avoided
  - Already failed units can be repaired by installation of this SW
  - Unexpected start up with system setup wizard is an indication of this failure
- CDU reboot issues resolved
  - Sporadic restarts most prone to be experienced in combined system configurations
  - Specific issue related to usage of Nav system Alert Config view
- GUI changes/updates
  - 'Manual' waypoint pass criterion available also for single waypoint and last waypoint of a route
  - WGS84 indicated also when using R4 Nav sensor
  - Issues with scheduled notifications fixed

1.3 SW 1.3.2 (2019-12-17)

1.3.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,T and earlier.

1.3.2 List of changes

- Interface function updates
  - Improved synchronization of R4 Nav sensor alarm relay output
  - NMEA alarm sentences switched off for disabled alarms
- GUI changes/Updates
  - AIS: Support for AIS CW test, service menu
  - Nav: Selectable configuration for equalization of NAD-83 with WGS84
  - Nav: Fix of magnetic variation and GNSS status presentation issues

1.4 SW 1.3.1 (2019-09-16)

1.4.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,S and earlier.

1.4.2 List of changes

- General update
  - Bug fix

1.5 SW 1.3.0 (2019-08-21)

1.5.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,R and earlier.

1.5.2 List of changes

- Interface function updates
  - Bridge Alert Management (BAM) compatibility (tested according to IEC 62923-1 Ed.1 and IEC 62923-2 Ed.1)
  - IEC 61162-450 Ed. 2.0 support (certified interface with R5 NAV Sensors with SW 1.3.x)
  - NAV: External input of MOB sentence by NMEA
  - Input of Heading/Depth/WPT/RTE data by LWE
- GUI changes/Updates
  - Scheduled Alarm renamed to Scheduled Notification
  - Alarm renamed to alerts (Alarm is ahead a priority of an alert)
  - New icons for alert priorities, notifications and there states
  - AIS: New Locating Device ranges for AIS- SART/MOB/EPIRB classification (according to IEC 61993-2 Ed.3)
  - NAV: Fullscreen functionality in the ”Navigation Info” view of Position, COG or SOG.
  - AIS: Correction of graphics during input/configuration of Ship dimension in simplified mode.
- General updates
  - NAV: New alerts added for notifications about overflow of serial ports
    - Output of data will stop if output buffers increase beyond set limit
  - NAV: Output of ZDA sentence with local zone data corrected (according to IEC 61162-1 Ed.5)
  - Support for integration with M-Secure Sync for detection of GPS Jamming and spoofing

1.6 SW 1.2.6 (2018-05-04)

1.6.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,Q and earlier.

1.6.2 List of changes

- General update
  - Bug fix

1.7 SW 1.2.5 (2017-03-12)

1.7.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,N and earlier.

1.7.2 List of changes

- Navigation function updates
  - Automatic configuration required output to CDU when R5 NAV sensor selected
  - MOB active time now always includes seconds

1.8 SW 1.2.4 (2017-03-08)

1.8.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,L and earlier.

1.8.2 List of changes

- General update
  - Bug fix

1.9 SW 1.2.3 (2017-03-07)

1.9.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,K and earlier.

1.9.2 List of changes

- Navigation function updates
  - Support for R5 NAV PRO.
- AIS function updates
  - Support for Tender Tracking product

1.10 SW 1.2.2 (2017-09-28)

1.10.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,J and earlier.

1.10.2 List of changes

- Issues with extra new line on CDU User Ports removed
- Fixed issue with setting ship dimension in Simplified Mode

1.11 SW 1.2.1 (2017-06-28)

1.11.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,J and earlier.

1.11.2 List of changes

- R5 Navigation Sensor Support
- Updated UI
  - New icons and style
- Long Range Screen
  - Fixed issue with message list sometimes not updated correctly
- Fixed issue with STW and Set/Drift values shown when input data is lost
- Redundant/Slave System
  - Fixed synchronization issues
- Support for GSA Sentence
  - Added possibility to output GSA sentence on User Port 3, 4 and LWE.
- Trip Log
  - Fixed issue with trip log accumulating incorrect distances causing trip log to show wrong total distance travelled.
  - Increased precision in trip log (two decimals).
  - Possibility to reset system total counter.
- External Corrections
  - Fixed R4 NAV sensor configuration issue when using external corrections.
- MOB Screen
  - Increased precision of range value (two decimals)
- Added missing MID code for Panama (374)
- Sun/moon info
  - Added sun and moon rise/set information
- Tidal Port

  - Fixed issue with inaccurate tide predictions in some cases
  - Added tide port information in Navigation Info screen
  - Added automatic selection of closest tide port
- Fixed issue with closest beacon list not refreshed properly
- Added possibility to set continuous beep for scheduled alerts
- Merged AIS and NAV plot screen
  - AIS and NAV information displayed in same plot screen
- Renamed ‘range’ to ‘distance’ in some screens
- Alarm configuration split in separate screens for AIS and NAV
- Port Rate configuration split in separate screens for AIS and NAV

1.12 SW 1.1.16 (2016-03-08)

1.12.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,J and earlier.

1.12.2 List of changes

- Navigation function updates
  - Tidal stations can now be exported and imported using USB storage media
  - Redundant Nav stability improvement
- AIS function updates
  - Incorrect handling of ETA data at leap day fixed
  - Removed parameter for disabling DGNSS correction input to AIS internal GPS (function is now fully automatic in transponder)
- General function updates
  - Added LCD backlight Day/Night settings

1.13 SW 1.1.15 (2015-11-13)

1.13.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,H and earlier.

1.13.2 List of changes

- Navigation system updated
  - Logging of waypoint passing and position data to SD card
  - Display of waypoint passing logs
  - Tide plot view automatically updated
  - Prevent serial output of disabled alarms

- AIS update
  - Added parameter for disabling DGNSS correction input to AIS internal GPS

1.14 SW 1.1.14 (2015-09-21)

1.14.1 Compatibility

Tested to be compatible with R5 CDU 7000 118-530,H and earlier.

1.14.2 List of changes

- IEC 62288 Ed.2 Compliance
  - New Symbols
    - SAR, ATON and Virtual ATON
- 1W Mode control from External Switch option selectable
- New NavStatus settings:
  - 11 = powerdriven vessel towing astern (regional use)
  - 12 = power-driven vessel pushing ahead or towing alongside (regional use)

1.15 SW 1.1.10 (2014-07-01)

1.15.1 Compatibility

Tested to be compatible with R5 SUPREME CDU 7000 118-530,G and earlier.

AIS

The software is designed for use with R5 SUPREME AIS Transponder with SW 1.1.10.

NAV

The software is designed for use with the R4 (D)GNSS Sensors or the R4 (D)GPS Navigation Sensors with SW 6.8-S7/6.8-S8 and routing SW 1.07/1.08.

1.15.2 List of changes

NAV

New features:

- Support for R4 (D)GNSS Sensors

Bug fixes:

- Beacon station ID sometimes not shown

1.16 SW 1.1.9 (2014-03-12)

1.16.1 Compatibility

Tested to be compatible with R5 SUPREME CDU 7000 118-530,F and earlier.

AIS

The software is designed for use with R5 SUPREME AIS Transponder with SW 1.1.9.

NAV

The software is designed for use with R4 Navigation Sensor with SW 6.8-S7/6.8-S8 and routing SW 1.07/1.08.

1.16.2 List of changes

AIS & NAV

New features:

- Target classification (friend list)
- MMSI MID to country mapping (including country flags).

Bug fixes:

- Prevent touch/button press when screen backlight is turned off.
- ETA input problem when input 20:00 as time

NAV

New features:

- Configurable position precision (decimals in position)
- Show HDOP/VDOP values.

Bug fixes:

- Fixed trip log accuracy issues.
- Beacon range unit wrong when using km or sm as unit.
- Beacon database longitude error

1.17 SW 1.1.8 (2013-09-10)

1.17.1 Compatibility

Tested to be compatible with R5 SUPREME CDU 7000 118-530,E and earlier.

AIS

The software is designed for use with R5 SUPREME AIS Transponder with SW 1.1.8.

NAV

The software is designed for use with R4 Navigation Sensor with SW 6.8-S7/6.8-S8 and routing SW 1.07/1.08.

1.17.2 List of changes

AIS & NAV

New features:

- Prevention of poor touch calibration.
- Factory reset also resets touch calibration.
- Removed touch calibration requirement at initial boot.

NAV

Bug fixes:

- Fixed trip log accuracy issues.

1.18 SW 1.1.6 (2013-06-14)

1.18.1 Compatibility

Tested to be compatible with R5 SUPREME CDU 7000 118-530,E and earlier.

AIS

The software is designed for use with R5 SUPREME AIS Transponder with SW 1.1.6.

NAV

The software is designed for use with R4 Navigation Sensor with SW 6.8-S7/6.8-S8 and routing SW 1.07/1.08.

1.18.2 List of changes

AIS & NAV

Bug fixes:

- Improved support for USB memories.
- Improved touch calibration.

New features:

- Import/export CDU and transponder units' configuration using USB
- Support for software upgrade using SD card
- Added integrity check for software load files.

AIS

Compliance to IEC 61993-2 Ed 2.0

Bug fixes:

- Last character of received text data via AIS lost.
- SAR name now shown as "SAR: MMSI" when no name is available.

New features:

- Hot standby redundant configuration.

NAV

Bug fixes:

- GPS corrections source lost after reboot.
- Not possible to enter Satellite Info view.
- Improved automatic scale of tidal plot.
- Crash when trying to sail the route already being sailed.
- DGPS integrity alert alarm issue.

New features:

- Display of magnetic variation.
- Course to steer calculation capability.

1.19 SW 1.0.12 (2013-02-20)

1.19.1 Compatibility

Tested to be compatible with R5 SUPREME CDU 7000 118-530,D and earlier.

AIS

The software is designed for use with R5 SUPREME AIS Transponder with SW 1.0.12.

NAV

The software is designed for use with R4 Navigation Sensor with SW 6.8-S7 and routing SW 1.07.

1.19.2 List of changes

AIS & NAV

Bug fixes:

- Limit USB keyboard input to only valid characters.
- Corrected password check for CDU own network settings.

AIS

Bug fixes:

- AIS Navigational status could not be set to “Status not defined”.
- Factory reset now deletes all AIS messages.

New features:

- Possible to query targets for static and voyage data and persons on board in *Extended Info* view.
- Send SRM to selected target from *AIS Target List* and *AIS Target Plot*.
- Configuration of transponder sensor input via Light Weight Ethernet.

NAV

Bug fixes:

- Acknowledgement of NAV alarms via ACK sentence.
- Factory reset now deletes all waypoints, routes and tidal ports.
- Baud rate and sentence output on User 1 & 2 ports now saved non-volatile.
- Fixed MOB button sometimes not working.
- Fixed broken “Sail to Waypoint” functionality.

1.20 SW 1.0.1 (Initial release)

1.20.1 Compatibility

AIS

The software is designed for use with R5 SUPREME AIS Transponder with SW 1.0.7 or 1.0.11.

NAV

The software is designed for use with R4 Navigation Sensor with SW 6.8-S7 and routing SW 1.07.

2 R5 SUPREME AIS TRANSPONDER SW RELEASE HISTORY

2.1 SW 1.3.6 (2020-05-29)

2.1.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,M and earlier.

2.1.2 List of changes

- Support for new product configurations

2.2

2.3 SW 1.3.2 (2019-12-17)

2.3.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,G and earlier.

2.3.2 List of changes

- Interface function updates
  - Delay of alarm relay indication for synchronization with CDU
  - Fix of serial output format deviation
  - Fix of Ethernet TAG block management
- General updates
  - Support for CW test initiated from CDU
  - Fix of USB configuration loading from CDU
  - Fix of Tx pulse issue
  - Improved adaptation to HW rev G
  - Adjustable VSWR monitoring criteria from CDU

2.4 SW 1.3.0 (2019-08-21)

2.4.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,G and earlier..

2.4.2 List of changes

- Interface function updates
  - Bridge Alert Management (BAM) compatibility (according to IEC 62923-1 Ed.1)
- General updates

- Bug fixes

2.5 SW 1.2.3 (2018-02-28)

2.5.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,G and earlier.

2.5.2 List of changes

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

2.6 SW 1.2.2 (2017-09-28)

2.6.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,G and earlier.

2.6.2 List of changes

- Minor bug fixes.

2.7 SW 1.2.1 (2017-06-28)

2.7.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,G and earlier.

2.7.2 List of changes

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

2.8 SW 1.1.18 (2016-11-02)

2.8.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,G and earlier.

2.8.2 List of changes

- Bug fixes for non-IMO modes.

2.9 SW 1.1.16 (2016-03-09)

2.9.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,G and earlier.

2.9.2 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.

2.10 SW 1.1.15 (2015-11-13)

2.10.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,F and earlier.

2.10.2 List of changes

- Added parameter for disabling DGNSS correction input to AIS internal GPS

2.11 SW 1.1.14 (2015-09-22)

2.11.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,F and earlier.

2.11.2 List of changes

- SSD Source identifier for external antenna is saved

2.12 SW 1.1.13 (2015-06-23)

2.12.1 Compatibility

Tested to be compatible with R5 SUPREME AIS 7000 118-540,F and earlier.

2.12.2 List of changes

- ITU 1371-5 Compliance
- PSVDM input for AIS simulation
- 1W Mode control from External Switch option
- 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

2.13 SW 1.1.10 (2014-07-01)

2.13.1 Compatibility

Tested to be compatible with R5 SUPREME AIS Transponder 7000 118-540,E and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.1.10.

2.13.2 List of changes

New features:

- Message filter support with function specific license

2.14 SW 1.1.9 (2014-03-12)

2.14.1 Compatibility

Tested to be compatible with R5 SUPREME AIS Transponder 7000 118-540,E and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.1.9.

2.14.2 List of changes

New features:

- Radio power and frequency test possible using R5 Utility SW 1.0.2.
- Long Range default channels changed to 75 and 76.
- Config parameter shadow copy added

2.15 SW 1.1.8 (2013-09-10)

2.15.1 Compatibility

Tested to be compatible with R5 SUPREME AIS Transponder 7000 118-540,D and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.1.8.

2.15.2 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.

2.16 SW 1.1.6 (2013-06-14)

2.16.1 Compatibility

Tested to be compatible with R5 SUPREME AIS Transponder 7000 118-540,D and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.1.6.

2.16.2 List of changes

Compliance to IEC 61993-2 Ed 2.0

Bug fixes:

- Improved support for USB memories.

New features:

- AIS hot standby functionality for two R5 SUPREME AIS Systems to work in a redundant configuration.
- Discrete alarm acknowledgement signal.
- Added integrity check for software load files.

2.17 SW 1.0.12 (2013-02-20)

2.17.1 Compatibility

Tested to be compatible with R5 SUPREME AIS Transponder 7000 118-540,C and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.0.12.

2.17.2 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 IP settings and passwords to configuration with are restored.

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.

2.18 SW 1.0.11 (2012-12-10)

2.18.1 Compatibility

Tested to be compatible with R5 SUPREME AIS Transponder 7000 118-540,B and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.0.1.

2.18.2 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.
- New alarm “AIS: TX disabled externally” when external silent switch inhibits transmit.

2.19 SW 1.0.7 (Initial release)

2.19.1 Compatibility

The software is designed for use with R5 SUPREME CDU with SW 1.0.1.

3 R5 NAV GNSS/DGNSS SENSOR SW RELEASE HISTORY

3.1 SW 1.3.2 (2019-12-17)

3.1.1 Compatibility

Tested to be compatible with R5 NAV GNSS Sensor 7000 118-770,D / R5 NAV DGNSS Sensor 7000 118-771,E and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.3.2.

3.1.2 List of changes

- Interface function updates
  - Configurable DTM output when using NAD-83 beacons
  - Fix of Atlas subscription end date output
- General updates
  - Fix of default value for GNSS settings

3.2 SW 1.3.0 (2019-08-21)

3.2.1 Compatibility

Tested to be compatible with R5 NAV GNSS Sensor 7000 118-770,D / R5 NAV DGNSS Sensor 7000 118-771,E and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.3.0.

3.2.2 List of changes

- Interface function updates
  - Bridge Alert Management (BAM) compatibility (according to IEC 62923-1 Ed.1)
  - IEC 61162-450 Ed. 2.0 support
  - External MOB button functionality on serial ports
  - Input of Heading data by LWE
- General updates
  - New alerts add for notifications about overflow of serial ports
  - Webb interface updated with new icons and renaming of alerts (according to IEC 62923-1 Ed.1 and IEC 62923-2 Ed.1)
  - Bug fixes

3.3 SW 1.2.5 (2018-09-17)

3.3.1 Compatibility

Tested to be compatible with R5 NAV GNSS Sensor 7000 118-770,C / R5 NAV DGNSS Sensor 7000 118-771,D and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.2.6.

3.3.2 List of changes

- Adjustments of decimals in position sentences to fulfil the NMEA standard

3.4 SW 1.2.3 (2018-03-07)

3.4.1 Compatibility

Tested to be compatible with R5 NAV GNSS Sensor 7000 118-770,A / R5 NAV DGNSS Sensor 7000 118-771,A and earlier.

The software is designed for use with R5 SUPREME CDU with SW 1.2.4.

3.4.2 List of changes

- Support for R5 NAV PRO.
- Support for updating GNSS module firmware.
- Improved configuration of corrections sources (requires CDU with SW 1.2.4).

3.5 SW 1.2.0 (Initial release)

3.5.1 Compatibility

The software is designed for use with R5 SUPREME CDU with SW 1.2.0.