
APOS Survey



KONGSBERG

Software release notes

Release 6.3

Note

It is recommended to uninstall the previous APOS version before installing this version.

- Support for multiple views on multiple screens.
- Support for cursor measurements in graphical views of the transducer alignment.
- HiPAP can use gyro input from APOS GNSS.
- Globally fixed transponders can be used as aid for HAIN Subsea.
- The Modem now displays transmit, receive and error statistics.
- Trending of update rates.
- File logging of alarm messages.
- Individual logging of position data for SSBL and LBL positioning.
- Reading and displaying logged data as Tracks in UTM view.
- Support for multiple aiding transponders in HAIN (requires HAIN release 9.1)
- If available, the VTG speed from the GPS will be used for vessel speed.
- Added vessel reference point alarm support.
- Added transponder relative positioning.
- Including NMEA VER output for HAIN.
- Added serial/net port settings for attitude to system report.
- Added support for reading signal to noise measurements when doing baseline measurements (requires cNODE transponder SW 7.08)

Improvements

- Improved LBL TP positioning wizard.
- Improved structure positioning setup.
- Added "Monitor" entry in HAIN popup menu for easy access to monitor view.
- The local attitude settings is not overwritten on a new import from the vessel APOS.

- It is now possible to time synch the survey APOS from time synch sentences from the vessel system. However, it is recommended to have a separate time synch signal connected to the survey APOS for maximum accuracy.
- Fixed a problem with tide compensation of transducer alignment.
- The dongle will now issue a warning when nearing expiry date.
- Improved handling of mismatch between APOS/Modem and transponder profiles.
- Improved top bar placement/sizing for Display text scaling.
- Improved alarm handling.

Release 6.2.20

Note

It is recommended to uninstall the previous APOS version before installing this version.

- Added new LBL calibration report in PDF format.
- Added transducer alignment report in PDF format. Can also process transducer alignments from other APOS versions.
- Added Position fix for SSBL and LBL. Includes PDF reports.
- Added buttons in toolbar for start and stop of the APOS Survey Interface program (ASI).
- The QA view has been updated.
- New numeric view is included.
- Added automatic range measurements in the Utilities menu.
- Improvements in the Blue Marble geodesy. Transformation details are now available in the New Geodesy dialog.
- LBL calibration can now be done as 2D or 3D.
- Added indicator to show when calibration calculation is needed.
- The ASI program now supports Dnet2.
- Added unit variance and W-test to LBL calibration.
- Box-in now has tide compensation.

- The option "Emergency beacon" is now always enabled in APOS.
- Improved data transfer from vessel APOS via the ASI program.

Improvements

- Measuring baselines could sometimes show "transceiver busy" message on retry. This is fixed.

Release 6.1.54

The first official release.

Improvements

- Blue Marble geodesy library included.
- The program now requires a dongle to run.
- Project folder structure included.
- Remote support available in menu if the remote support client has been installed.
- Tide measurement and tide compensation during transducer alignment and LBL positioning.