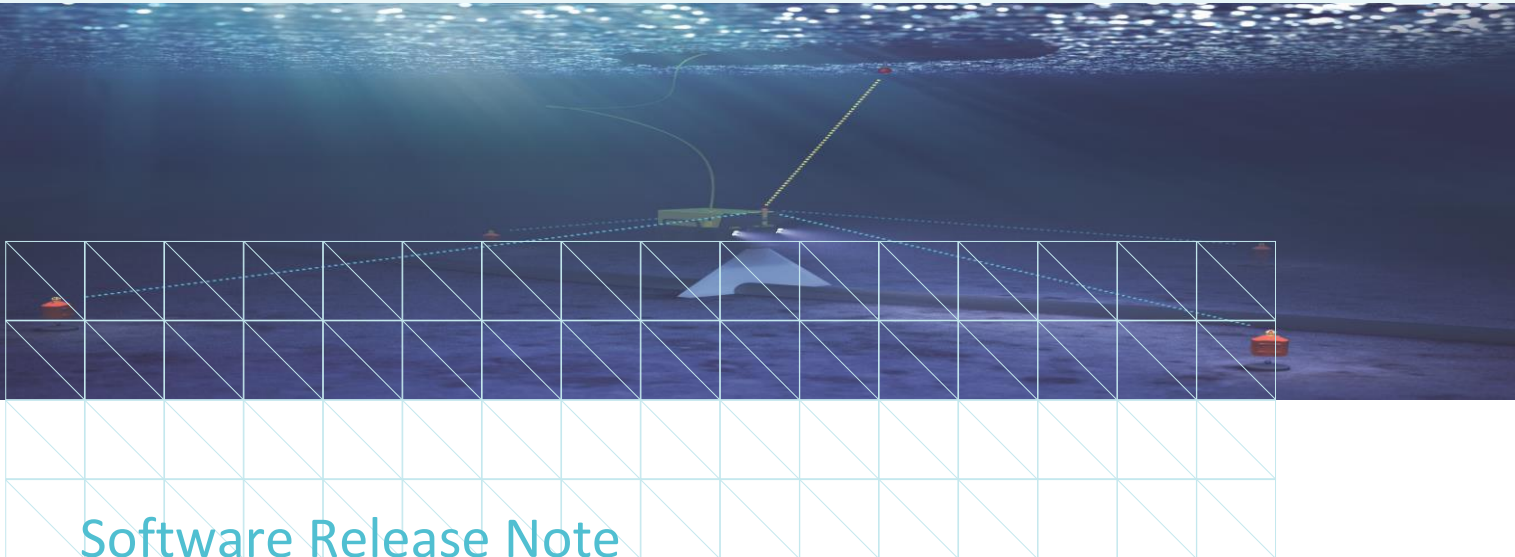


APOS 5



KONGSBERG



User description on new functions and improvements for APOS 5 software.
Last software version is APOS 5.9.7 -19. Feb. 2019 for Win7/10

Release Description

APOS Release 5.9.7 - 19. Feb. 2019

New functions

- Add button for About dialog on the Acoustic page of TTC control.
- Updated TTC version to 1.9.1
- Implement safer id hash algorithm in alarms/events.
- Changed MultiLBL failover functionality. Don't switch trc over to the master, but change who is master.
- Remove MultiLBL positioning when the Vessel2 object is deleted.
- Corrected range adjustment for slave transceiver in MultiLBL

Improvements

- Fixed software deadlock when deleting transponder and not making a selection in the following dialog for at least 30 seconds.
- Fixed crash when tpconf window was open as transponders were deleted on a remote computer.
- Fixed bug where setting Position Source from the SparseLBL dialog did not properly subscribe to position updates from the source.
- Fixed crash when opening boxin utility

- Fixed MultiLBL SSBL positioning when an LBL location was disabled from being used in the array.
- Set correct document title in the window frame when APOS starts up

Release History

APOS Release 5.9.6 - 08. Nov. 2018

New functions

- Added functionality to create transponders with L and M channels in Remote Control Positioning.
- Cleaned up layout of sensor options in tp properties dialog.
- Updated TTC version to 1.9 and SoftwareLoader to 1.4
- Moved the "Switch APOS/TTC" button down on the screen so it will not cover the APOS Menu when running in fullscreen.

Improvements

- Fixed SparseLBL lever arm properties sync between OS's.
- Prevent crash when using Interval plots in Trend View.
- Fix LBL wizard bug where LIC was not correct with extended channels.
- Add functionality to open saved TD alignment files from transponders with extended channels.
- Fix swapped Strain and Multi-SvPI sensors in new transponders dialog. When selecting Strain you got Multi-SvPI and vice versa.
- Fixed switched column heading for MultiUser Master and TAD in LBL position setup dialog page.
- Fixed wrong source name for Attitude sensors in Trend View.
- Fixed wrong calculation of MGC Pitch values when TP Sensor filter option was enabled.
- Remove Altimeter option from tp properties dialog when it is not enabled.
- Removed Attitude, Inclo and Diff.Inclo sensor options from tp config dialog when they are not enabled in sysconf.
- Fixed switched column heading for MultiUser Master and TAD in LBL position setup dialog page.
- Fixed TTC bug that caused software download to cPAP to not do anything.

APOS Release 5.9.5 - 9. Mai. 2018

New functions

- Added support for HiPAP 200.
- Added support for cNODE w/Altimeter sensor.
- TTC control (ver. 1.6.2) updated to configure Modem transponders.
- Extended Multi LBL functionality to include positioning on SSBL transponders.

- Position box-in facelift, including PDF report generation, tide plot and general usability improvements.
- Modem control updated to version 1.8.4.

Improvements

- Trc status corrected when number of configured trx cards in HiPAP was wrong.
- Numeric view displayed Search mode instead of Track in LBL.
- Transponders in sequence telegram (BCD) is now sent immediate after changes.
- Now possible to clear Ext.Trig timeout alarms from the alarm view.
- An active transponder included in a DualPos object was not deactivated when added to an LBL array.
- Some sensors could crash APOS when their sensor tab in the transponder configure dialog was opened on a slave OS.
- Fixed a bug in "Restore of named system backups" causing restore failure.
- "Show channels M901" added to the User Options settings.
- IoServer status indicator draft sensor corrected.
- Fixed updating of tp sensor icons on slave OS's when the sensor is activated/deactivated.
- Fixed VRS config dialog header which displayed "illegal" for some legal values.

APOS Release 5.9.4 - 27. June. 2017

New functions

- Added interface for changing/reading Cymbal transfer mode and datatype.
- Maximum range and graphic views extended to 20.000 m

APOS Release 5.9.3 - 6. June. 2017

New functions

- Construction positioning now uses full attitude information from sensors or external input for structure orientation.
- Increased maximum range to 13000 m.
- Improvements
- Fixed a problem in graphic view when datum is changed.
- The "Presentation Global" was not enabled when importing global data and selecting a global origin in the LBL dialog.
- Box in: sync sound profile when opening dialog (except when data is loaded from file).
- Position fix now shows previously acquired data from position average.

APOS Release 5.9.2 - 21. Apr. 2017

Improvements

Fixed a display error for HiPAP 1.x.x transceivers and heave.

Improved handling of reset command to FSK transponders with non original channel.

APOS Release 5.9.1 - 7. Apr. 2017

Improvements

- Fixed a filter problem that caused inclinometer and diff inclinometer values to be unstable.
- Sending BCD telegrams for transponders selected as HAIN aid when HAIN is inactive.
- Updated Goliat view.