

## RELEASE NOTES FOR FIRMWARE VERSION 2.67 / 2.04

### IMPORTANT

- Do not attempt to downgrade an E-module, M28 or CUSB with a new PCB revision (90x for E-module, 70x for M28, 500 for CUSB) to an earlier firmware version than 2.04 / 2.67 because previous versions of the firmware do not support new hardware. The firmware update process will prevent this from happening on the E-module and CUSB, but not on the M28.

### M28 CHANGES

- Support for new M28 PCB revisions (70x).
- Support for new CUSB PCB revision (500).
- WiFi access point now uses WPA2-PSK.
- Improved indication of low battery charge on M28 and SE7EN; when any of the batteries' state of charge falls below low limit or communication is lost, the battery symbol in the header row will flash and the battery center view will be displayed. Notice that the battery symbol in the header row always reflects the state of charge and charging status for the M28, but may flash because of a SE7EN battery condition. The state of charge for the SE7EN battery is displayed in the battery center view and in the System app.
- M28 battery charge now reaches 100%, also in case the M28 has been powered on by connecting it to power.
- OC gas ppO2 is displayed instead of setpoint when in OC. Gas configuration center view automatically selected upon bailout activation, gas switches for increased clarity.
- SE7EN battery state of charge etc is shown in the System app.
- ppO2 for SE7EN+ SSO2 sensors displayed in the System app.
- The Planner app indicates when no offboard bailout gas is configured ("No offboard gas enabled").
- Text in pre-dive test mentions critical O-ring seals (Have you installed a good Canister with 2 (top) plus 3 (bottom) O-ring seals?).



## POSEIDON DIVING SYSTEMS

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- Problem with start-up delay resolved.
- Improved mechanisms for detection of button position.
- Aesthetic problem with horizontal scrollbar in menus resolved.
- Attitude indicator center view removed.

**Notice:** M28 settings will be reset to default values after firmware update.

**Applicable user manual version:** M28 User Manual ver 2.3

## SE7EN CHANGES

- Support for new E-module PCB revisions (900, 901, 903, 094).
- M28 battery state of charge checked in pre-dive test #48 (error code 93).
- Estimated remaining M28 battery time is incorporated in CRA.
- Setpoint deviation alarm does not activate when the mouthpiece is in OC position.
- Improved O2 purge at shutdown, stops when low pressure is detected.
- SE7EN locks changes of O2 FO2 first after PDT #52.
- M28 keeps OC/CC state as is when HUD is disconnected in Setpoint/CPOD mode.

**Applicable user manual version:** SE7EN User Manual ver 2.4



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