



Product: Seapath 130 series  
Version: ProductSW 2.02.01 Release  
Date: 2024-10-24

## Product Software

This Release Note applies to the Seapath 130 and Seapath 130 OEM products. This Seapath Product Software release is an update from previous version 2.02.00. The new release comprises the following software:

- Operator software version 8.10.01
- NAV Engine version 4.34.02

For this release the following additional software is used:

- Linux image version: ELinOS 2023-0118
- GNSS version: OEM7 v.7.09.00
- Fugro HP library: 8.35a
- RinexConverter version 2.00.01

### New functionality

- *Improved handling of high ionospheric activity.* By weighting down single frequency GNSS receiver and all long-distance single frequency reference stations in the software, the stability of the position output has been improved when the ionospheric level is high. In earlier Seapath software, systems with just single frequency GNSS on one of the receivers (Seapath 320, 330 and some 380) the output of position could be stopped due to ionospheric activity.
- *Seapath systems with one single frequency receiver.* Added possibility to ignore position from the single frequency receiver, but still use it for heading determination.

### Corrected errors

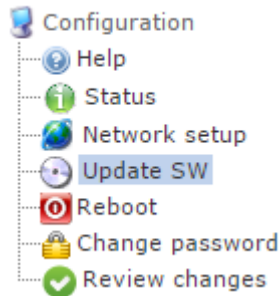
- *HP, XP.* A bug in use of group delay is fixed in new software. Caused long convergence time of the filter.

# Installation of Seapath 130/OEM processing software

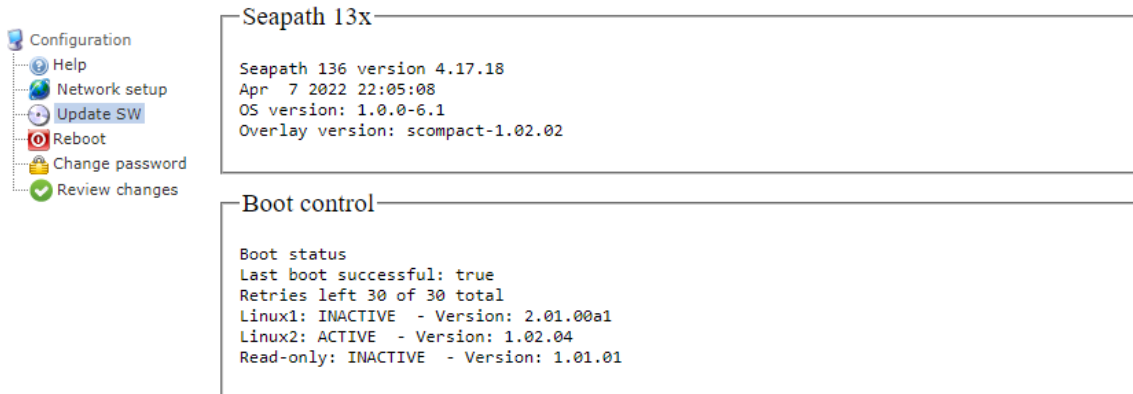
**Note** When upgrading from version older than 2.01.00, you must upgrade first upgrade to version 2.01.00, before upgrading to this version. See the Release Note for version 2.01.00 for how to proceed with migration of the software to new version of the Operator System (OS).

Instruction for installation of upgrade package:

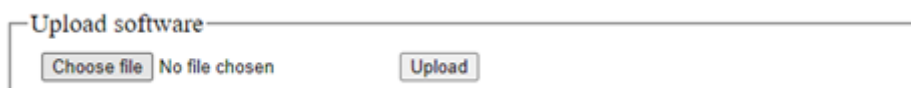
1. Configure the local area connection on your PC to an IP address different from 192.168.1.10, like 192.168.1.11.
2. Startup a web browser like Chrome and enter the IP address 192.168.1.10.
3. In the webserver, go to «Update SW». This page can take up to 10s to load.



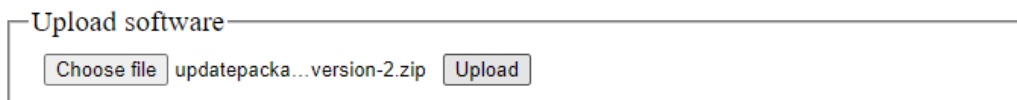
4. When question for username and password appear, that is: Username “scompact” and password “1234”.
5. Check that sw version 2.01.00 is installed on the Seapath unit. If not, stop the upgrade and get hold of the sw version 2.01.00 and installed that before proceeding with this procedure. If version 2.01.00 is installed, continue to step 6.



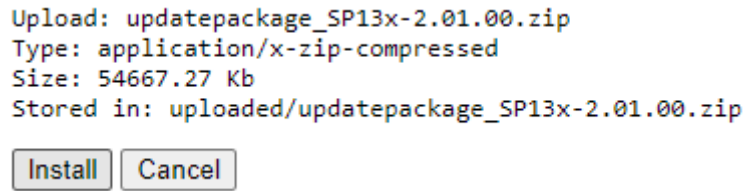
6. Under “Upload software”, choose file and pick the update package received for this upgrade, upgradepackage\_SP13x\_2.02.01.zip file.



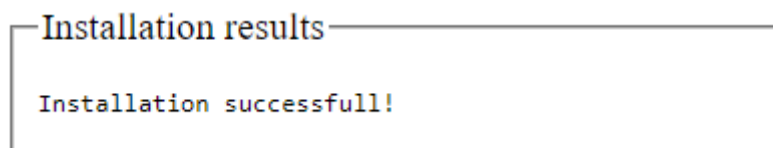
7. Select **Upload**.



8. Confirm that the upload path is correct and click **Install**.



9. After the installation is completed, the WebHMI will indicate the following status:



10. The installation is now successfully completed.