

Date: February 16th, 2015
Product: HDS800
Subject: [HDS800 V12.01](#) Firmware Release

Introduction

This document is the firmware release note of the [HDS800 V2.01](#).

Upgrade procedure

The procedure to upgrade the receiver is the following:

1. Copy the file [p_800_upgrade_V1.8.S828Kv26.tar.bz2](#) to an USB memory key.
2. Make sure that there are at least 10Mb of free memory after having copied these files
3. Switch off the HDS800
4. Plug the HDS800 into an external power and make sure that there is also an internal battery
5. Connect the USB memory key to the HDS800
6. Turn on the HDS800 while keeping pressed the button 'Scroll' (during about 5 seconds)
7. Wait for the complete upgrade, which should take about 30 minutes.

Firmware list and versions

General version number: [V2.01 – S842KI27](#)

- SYS: [S240](#)
- GNSS: [KI27](#)
- RFS: [842](#)
- BOOT LOADER: [1.1.5.9](#)
- KERNEL: [2.6.19](#)
- PMU: [2.31](#)
- GSM: [R7.46](#)

The radio firmwares compatible with the HDS800 V1.8 are:

- Internal Pacific Crest ADL Foundation: [3.04 \(2280, 2288 or 2300\)](#)
- External Pacific Crest ADL Vantage: [3.04 \(2280, 2288 or 2300\)](#)
- External Pacific Crest ADL Vantage Pro: [3.04 \(2280, 2288 or 2300\)](#)
- External Pacific Crest HPB: [2.58 or 2.42](#)
- External U-Link: [1.03 \(HW: AD\)](#), [1.04 \(HW: AE\)](#) or [1.09 \(With Connector\)](#)

The software compatible with HDS800 V1.8 are:

- FAST Survey: [3.0.3](#)
- GNSS Solutions: [3.80.8](#)
- RINEX Converter: [4.4.2](#)
- Conf Radio: [2.3.2](#)
- Spectra Precision Survey Pro: [5.2](#)
- Spectra Precision Survey Office: [2.80](#)

New features

1. **New Antenna:** New antenna ACCG8ANT-52A4T1 has been added to the antenna list.
2. **Heading:** Better Heading/Attitude behavior in high dynamic.

Resolved Problems

1. Positions of rover are not properly displayed on the monitoring map.

Recommendations

1. We recommend Administrator to clean periodically the Memory (e.g. Delete of the files or even INI Command).