



**DATE:** MAY 23, 2012  
**PRODUCT:** PROMARK 120 / 220  
**SUBJECT:** NEW GNSS FW RELEASE  
**NUMBER:** V2.1 (W213HT26)

## Introduction

This version is an update of GNSS FW 2.0 including several new features and enhancements and well as bug fixing.

## Upgrade procedure

Upgrade procedure:

To install the new GNSS FW on your device, you must establish a Microsoft ActiveSync connection between your PC and the GNSS receiver, copy the GNSS FW 2.1 (W213Ht26) CAB file and execute it on the GNSS device. Then follow the instructions.

## New features/Enhancements

- **Reported SNR:** the algorithm was modified and now reported SNR appears to be more reactive in dynamic conditions
- **Extra CMR messages:** few encoded CMR messages are now processed by RTK rover; this brings performance enhancement against CMR VRS mount points
- **RTK engine tuned:** the RTK engine is fine-tuned to deliver higher fixed ambiguity solutions reliability; as a result one can expect lower fixed solutions availability in harsh conditions
- **GLO-only mode:** raw data output is now available in GLONASS only mode
- **QZSS tracking,** raw data output and usage in standalone positioning

## Resolved Problems/Improvements

N/A

## Known issues

N/A