

## FIRMWARE RELEASE NOTE

Date	August 22 <sup>nd</sup> 2013
Product	X+ Series (X91+ and X900+) ONLY
Subject	<b>New release of X+ Receiver Series firmware version 8.03</b>

### INTRODUCTION

This document is the firmware release note for CHC Navigation **X+ GNSS receiver Series** (91+ and X900+) **ONLY**. The X+ Series receivers Part Number have their part number ending by **6**. For example P/N:119180674**6**. This firmware upgrade is compulsory before using the X+ Series receiver with the latest CHC Landstar 5.04 and Carlson SurvCE 3.01.6 versions.

Relevant FAQ describing the Receiver Firmware upgrade is available from CHC Navigation Dealer Website.

In case of doubt, please do not hesitate to contact us at [support@chcnv.com](mailto:support@chcnv.com)

### NEW FEATURES AND RESOLVED ISSUES

1. Support internal Satel UHF Tx /Rx functions for all X+ series receivers.
2. Support 2/5 Hz RTK data update rate for all X+ series receivers.
3. Support simultaneous raw data recording with RTK for all X+ series receivers.
4. Change the setting of X+ receiver internal GPRS modem let the modem adjusting its frequency including 850/1900, 900/1800 MHz.
5. Fix the problem of unsuccessful setting UHF channel on X+ series receiver with CHC Radio.
6. Fix the problem of unsuccessful updating firmware on some Windows 7 computers.

### KNOWN ISSUES

1. Automatic uploading of mount points source table (especially the long one) is not supported by receiver internal GPRS modem. It needs to be input manually into the field data collection software.
2. Need to reboot X900+ receiver after using LandStar to reset the receiver.
3. Sometimes the SatView or SatInfo information cannot be uploaded by LandStar PC version for X900+.

### RECOMMENDATION

1. When working in 2Hz or 5Hz RTK, it is recommended to use CMR correction format for the X91+ receiver.