

## GeoMax NEWS

Widnau, 22 February 2011

### **New GeoMax ZGP800c Firmware available**

We are pleased to announce the release of the GeoMax new ZGP800 firmware version 9.10. This firmware can be installed on all ZGP800c Controllers. The firmware and installation instructions can be found on the ZGP800 CD.

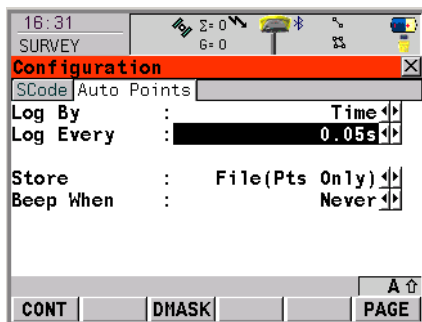
### **What are the new features?**

The main new features of the ZGP800c firmware are:

- 20Hz automatic point logging
- Ability to transmit a variety of RTK formats from the ZGP800c controller when setup as a reference station
- NMEA data messages output
- Improved RTK performance
- Ability to create "SmartCodes" onboard
- Lines and Areas in Data Management

### **20Hz automatic point logging feature**

- Available under Survey > Configuration
- Logging automatic points by time is now possible up to 20Hz (0.05 sec).
- With a logging rate faster than 1Hz, no coding can be stored. Therefore File(Points only) then needs to be selected.
- Beep when logging can be set.



## RTK Format can be output from ZGP800c Controller

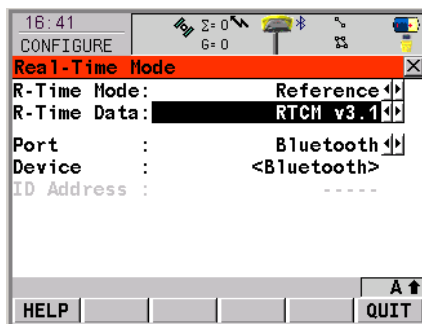
The ZGP800 RTK Base now supports use of a variety of RTK formats. This is only available when the ZGP800c is used together with the ZGP800a at the base setup.

### What formats are supported?

- GeoMax
- CMR
- CMR+
- RTCM 3.1
- RTCM 1,2 v2
- RTCM 9,2 v2
- RTCM 18,19 v2
- RTCM 20,21 v2
- RTCM 1,2,18,19 v2
- RTCM 1,2,20,21 v2

### How do I configure my RTK base?

- In the COMM Config you will need to ensure that the real-time mode is set to "Reference". Then it is possible to select the required format.



### NMEA data messages output

- In the COMM Config there is a new NMEA Output option.
- Here it is possible to configure NMEA output to Bluetooth or to the ZGP800c serial port.
- A suitable cable to output data from the serial port is currently not available from Geomax.

