



Newsletter – *February 2013*

ASB Systems Pvt. Ltd.

Top-o-graphy!

In this issue, we discuss about the topographic product range from Hemisphere GPS. The company, erstwhile CSI, was formed in 1990. CSI is a familiar name with survey veterans for its best-selling releases of 1994, the SBX and MBX series of radio beacon receivers. The company is now known as Hemisphere GPS.

Hemisphere manufactures GPS systems for the Topographic Survey, Construction, Marine and Agriculture markets. This Canadian OEM is headquartered in Calgary, Alberta, with major product development, sales and marketing facilities in Arizona, Kansas and Australia. Hemisphere GPS is listed on the Toronto Stock Exchange (TSX) trading and is one of the TSX Cleantech (companies innovating in clean technology) designated companies.

The Hemisphere GPS product range was recently showcased at the India Geospatial Forum, Hyderabad, from 22nd – 24th January 2013. The exhibit received a warm response from the forum attendees. Read on for details...

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Hemisphere GPS Topographic product range.

The one-of-its-kind: S320

Smart Antennas

The “R” series

The XF2



ASB at the India Geospatial Forum at Hyderabad

Customer satisfaction is our prime objective



Gone are those days....

....Of carrying "Backpacks" with big batteries, accessories and antennas

....Of carrying Tribachs, to "level" your GPS

....Of remembering to carry interconnecting cables for your GPS

....Of waiting to transfer the collected data back to office

The Hemisphere S320 will ensure that you never have to worry for the above.

This Fully integrated GPS receiver antenna is feature-packed :

- Electronic Auto level sensor
- Dual Bluetooth, for wireless operation
- GSM/GPRS slot for Internet access and SMS control
- Internal UHF Radio with onboard antenna

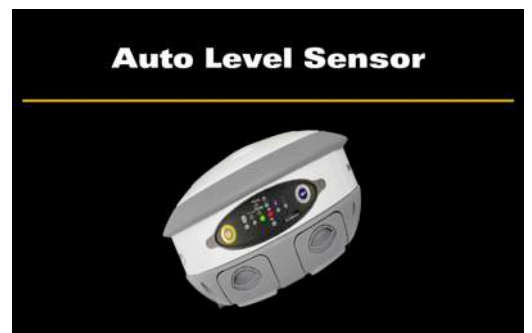
The S320 is Smart:

- Status LEDs with audible alarm
- Tape measure hooks for easy measurement
- 10-hour hot-swappable battery

The S320 is Rugged:

- Operating temperature range: -30 to +70°C
- IP67, EP455, Waterproof, Dustproof
- Shock rated for 2m pole drop. Throw caution to the wind!

And of-course, it is Accurate: 5mm static, 10mm dynamic (RMS)!





A101 Smart Antenna

- 12-channel L1 GPS
- 3-channel SBAS, parallel tracking
- Accuracy: 60cm, 95% of the time
- Economical



A321 Smart Antenna

- 12-channel L1 & L2, GPS & GLONASS
- 3-channel SBAS
- 1 L-band
- Centimeter level accuracy
- Omnistar, External RTCM



A325 Smart Antenna

- 270 channel L1 & L2, GPS, GLONASS, GALILEO
- 3-channel SBAS, parallel tracking
- L-band
- Centimeter level accuracy
- Integrated 2D tilt sensor



R100

- 12-channel L1 GPS
- 2-channel SBAS, parallel tracking
- L-band receiver
- Sub-60 cm accuracy
- Integrated 2-channel beacon receiver



R 320

- 12-channel L1 & L2, GPS & GLONASS
- 3-channel SBAS, parallel tracking
- L-band receiver
- Centimeter level accuracy
- RTK, Omnistar, SBAS



XF2 Data collector:

The XF2 is a built-in professional GPS module with high sensitivity GPS antenna, and is also capable of supporting an external GPS antenna.

Based on Windows mobile platform makes the XF2 easy-to-use. Sunlight readable touch-screen, long life battery, integrated Bluetooth, GPRS and Wi-Fi make the XF2 a perfect device for GIS data collection. Also sports a 3MP camera for enhanced GIS data, and a gravity-based sensor, using which the XF2 sounds an alarm if accidentally dropped.



Hemisphere and ASB Systems participated in the India Geospatial forum at Hyderabad from 22nd till 24th January'13. Mr.Cameron Baird, Director of Business Development – Hemisphere GPS, educated the attendees on the latest offerings from Hemisphere and their features.

The highlight of the exhibit was

the multi-featured S320 RTK GPS. With a set of actual units available, the attendees got a first-hand experience about the S320's versatility and user-friendly features.

In-line with the conference's theme "**Towards Geospatially-enabled Economy**", the Hemisphere GPS product range showcased models which are not only economical, but also practical, easy to setup, and use.

Ably supported and distributed by ASB Systems in the Indian market, more and more users are choosing Hemisphere over others as their "Instrument of choice".