

Hemisphere GPS Announces Centimetre Accuracy

From the 2007 ION GNSS Conference, Hemisphere GPS announced the Eclipse dual-frequency GPS receiver technology. Based on Hemisphere GPS' Crescent L1 GPS technology that incorporates techniques for reducing code measurement noise and mitigating multipath signals, Eclipse delivers reliable centimetre-level accuracy.

The Eclipse board allows OEM customers to integrate it into a wide variety of precise applications including navigation and GPS machine control. Depending upon the application, Eclipse users can record and post-process GPS data or choose from several differential solutions including Real-Time Kinematic (RTK), OmniSTAR(R) (HP/XP) and SBAS (WAAS, EGNOS, etc.).

As a dual-frequency solution, Eclipse receiver technology offers several other facilities to the OEM integrator including integrated L-Band tracking that powers down when not in use, multiple serial and USB ports, and upgradeable firmware.

<https://www.hydro-international.com/content/news/hemisphere-gps-announces-centimetre-accuracy>
