

Hemisphere GPS Awarded Two New GPS Technology Patents

Hemisphere GPS (Canada) has been awarded two new patents for innovative technology. The Method and System for Synchronizing Multiple Tracking Devices for a Geo-Location System patent (U.S. Patent No. 7,292,186) enables more robust and cost effective heading by using a single processor to compute heading from multiple GPS receivers.

Hemisphere GPS's Attitude Determination Exploiting Geometry Constraints patent (U.S. Patent No. 7,292,185) increases the speed and reliability of Real-Time Kinematic (RTK) solutions for multiple antennas at known distances from each other. The entire system can be moving or stationary while computing the RTK solutions.

Hemisphere GPS customers are already reaping the benefits of the technological advances recognized by these patents. These newly patented techniques are currently part of the Company's successful Crescent Vector GPS technology and the recently announced Eclipse dual-frequency OEM board. This Crescent technology is key to the superior performance of Hemisphere GPS' Vector products including the V100 series, the VS100 series, and OEM derivatives. Vector products function like a GPS compass and deliver greater precision than traditional heading solutions such as gyrocompasses and fluxgate compasses. The V100 and VS100 series products are specifically designed for marine navigation, hydrographic applications, and antenna pointing applications.

These software based patents are key components of the leading edge Crescent and Vector GPS technologies, and allow Hemisphere GPS to offer high accuracy and performance to its customers at extremely competitive prices.

<https://www.hydro-international.com/content/news/hemisphere-gps-awarded-two-new-gps-technology-patents>
