

Hemisphere GNSS Presents Atlas-capable Vector V1000 for Precise Marine Applications



Hemisphere GNSS has introduced the all-new Vector V1000 GNSS receiver, which provides high-accuracy heading, position, pitch, roll and heave data. The V1000 supports multi-frequency GPS, GLONASS, BeiDou, Galileo, QZSS and IRNSS (with future firmware upgrade and activation) for simultaneous satellite tracking. The V1000 is powered by Hemisphere's innovative and industry-leading Athena RTK engine and is Atlas L-band capable.

The new V1000 is designed for professional marine applications, such as hydrographic and bathymetric surveys, dredging, oil platform positioning, buoys and other applications that demand the highest-level 3D positioning accuracies. Based on Hemisphere's Eclipse Vector technology, the V1000 uses the most accurate differential corrections including

RTK and Atlas L-band (8cm 95%).

The V1000 is Hemisphere's flagship receiver, with an integrated display that can be conveniently installed near the operator. The two antennas can be installed at user-specified separation, providing valuable flexibility in terms of install locations and desired heading accuracy. The V1000 boasts heading accuracy of better than 0.01 degree when using a 10m antenna separation. With CAN, Serial, Bluetooth, Wi-Fi and Ethernet support and flexible installation, the all-new rugged enclosure gives the V1000 the advantage of working reliably in harsh environments.

Find more information about GNSS receivers on [Geo-matching.com](https://www.hydro-international.com/content/news/hemisphere-gnss-presents-atlas-capable-vector-v1000-for-precise-marine-applications).

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