

# POS MV Elite Brings Precision for Marine Surveying

Applanix has introduced its high-performance motion reference system for maritime surveying and mapping: the POS MV Elite. The POS MV Elite is a tightly coupled Inertial/GPS system that employs high precision ring laser gyros. The system includes an inertial measurement unit (IMU) originally designed for the aerospace industry, now available for marine hydrographic service. POS MV Elite produces approximately two times better roll and pitch measurement accuracies than the current industry standard POS MV 320. The system offers true heading accuracy without the need for dual GPS installation. The POS MV Elite also utilises the same proven computer and GPS components found throughout the [Applanix](#) POS product line. The new device also includes a data logging option for post mission reprocessing.

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<https://www.hydro-international.com/content/news/pos-mv-elite-brings-precision-for-marine-surveying>

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