

AutoNaut Launches Communication Hub at Ocean Business 2019



AutoNaut is to launch its 3.5 Comms Hub product at Ocean Business 2019, taking place at the National Oceanography Centre, Southampton, UK, 9-11 April 2019. The 3.5m Comms Hub is specifically designed for deployment as a long-duration surface gateway. Flexibility in sensor fit enables tasks including data harvesting, precision positioning and communications from and to a subsea asset. Onward relay can be via satellite for over-the-horizon missions. Payload versatility means that secondary sensors can also be fitted.

Robust and compact design

AutoNaut's near-silent sound profile – the wave-foil technology involves just a few moving parts - reduces noise interference to almost zero. This enables sensors such as USBL and LBL to operate with optimal efficiency. The 3.5m AutoNaut's robust and compact design means it is simple and safe to launch and recover. Either directly to and from a slipway or to/from a vessel at sea via a single-point lift. The AutoNaut can, therefore, complete long-endurance missions without any need for a support vessel, but with the flexibility for rapid deployment or recovery.

Consistent performance

The Wave Foil Technology AutoNaut uses converts energy from the pitch and roll of the hull in waves into thrust. Keel-mounted foils, positioned at the fore and aft, propel the vessel forward without the need for carbon fuels. The foils are articulated for consistent performance in all wave directions and a range of sea-states. In calm conditions, an auxiliary propulsor can be used to ensure a steady speed.

AutoNaut, exhibiting on Stand V8 as well as on the quayside at Ocean Business, has been building up a range of 5m missions over the last six months. Boats have been simultaneously operating 24/7 across several continents on month-plus long missions.

Details can be found at www.autonautusv.com.