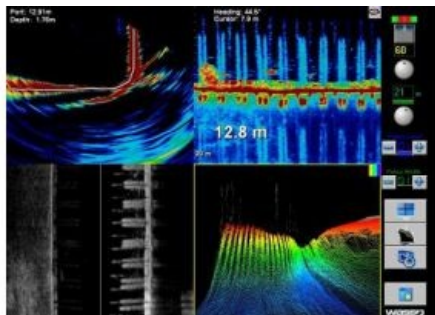


Introducing Cost-effective Multibeam Sonar



WASSP Ltd, New Zealand, has announced the release of its new multibeam sonar product, WASSP S (Survey). The device has been developed to bring the benefits of multibeam sonar to the survey, dredging and scientific research markets. In a versatile and cost-effective package, WASSP S provides accurate and reliable real-time seafloor and water column information in an intuitive user interface.

Compatible with Hypack & QINSY software, WASSP S is IHO Order 1A Compliant, attaining the system third-party validation of depth accuracy and target detection.

WASSP Ltd CEO, Gareth Hodson says that the WASSP S is aimed for dredgers and hydrographic surveyors who currently use single beam sonar but don't have enough

projects to warrant the use of a more costly multibeam system. WASSP S has been designed to be cost effective and at the same time to provide the performance they would expect from a high level multibeam sonar.

WASSP S allows non-surveyors to self generate information and the system's design and intuitive use requires minimal installation or operational training. The practical operation of WASSP S means it can be used in situations where a survey vessel would ordinarily be called in to undertake the project. In the case of users such as wind farm operators or port authorities, they can have WASSP S permanently fitted to their workboat, and be able to perform the work on site when required, saving time and money.

Those users not utilising Hypack or QINSY can instead utilise WASSP's own optional software application Navigator. In addition to various other functions, Navigator is able to track the movement of sediment plumes from a dredge or monitoring schools of fish, both of which can be viewed in 3D from any angle throughout the survey area.

Its weight, volume and power requirements make it an ideal system for small boat operators. The 327mm L x 164mm W x 94mm H transducer is adaptable to suit over the side pole mounting.

WASSP Ltd recently provided a system to assist in the salvage effort of the MV *Rena* – a container ship that ran aground on the East Coast of New Zealand's North Island. A WASSP multibeam sonar was successfully employed to identify submerged containers – some at depths of up to 80m.

Quickly recognising the appeal of a multibeam system, the first set of WASSP-S systems has recently been sold into Russia.

WASSP Ltd will be displaying the new WASSP S at Hydro 12, being organised from 13 to 15 November 2012 in Rotterdam, The Netherlands.

<https://www.hydro-international.com/content/news/introducing-cost-effective-multibeam-sonar>
