

HUGIN AUV System for FUGRO Survey



UK-based FUGRO Survey has ordered a HUGIN AUV to augment its existing fleet of survey vehicles. The new HUGIN 1000 AUV has depth rating of 3,000 metres and includes lithium polymer batteries. The batteries are packaged into modules, which are stacked in the centre section of the AUV.

They can be swapped between dives, which reduces the turn-around time to less than 2 hours. This latest configuration has 48 Kilowatt Hours of energy providing more than 70 hours of effective survey time with the payload sensors collecting data simultaneously.

The HUGIN 1000 represents the state of the art within AUV technology. The modular design enables it to be packaged with systems to meet exact customer requirements. For

this order, FUGRO specified the latest versions of the Kongsberg EM 2040 multibeam echo sounder, EdgeTech sidescan sonar and sub-bottom profiler, forward-looking sonar, turbidity sensor, acoustic Doppler current profiler, conductivity temperature and depth sensor and a camera system with energy-efficient LED lighting.

<https://www.hydro-international.com/content/news/hugin-auv-system-for-fugro-survey>
