



Hydrographic Services

We own and operator a fully integrated and geo-referenced multi-beam echo sounder system. This provides accurate positioning and visualisation of seabed objects and man-made structures using innovative and unparalleled components.

Bathymetric Surveys to IHO Special Order standard	Engineering and Infrastructure Support
Dredge support surveys (volume surveys)	Wreck and object Detection
RTK Base Station capability	Wave and Current profiling sensor

Multibeam Echosounder: R2Sonic 2024
0.5° x 1° beamwidths – small bottom footprints 700kHz – highly detailed imagery 160° coverage – large areas covered
Inertial Navigation System: SBG Apogee-U
Innovative system providing vessel motion compensation. 0.008° roll / pitch accuracy 0.03m vertical accuracy with RTK Delayed Heave – accurate data even in marginal sea states
Hypack Survey Software
Hydrographic Data Collection, Processing and Final Products tailored to requirements Survey Planning tools Volume Calculations
Hemisphere RTK Base Station
UHF signal real-time corrections ranging up to 10km. Atlas Link GNSS Corrections further offshore to decimetre accuracy



