



+61 (8) 7120 2211
10 Ragless Street
St Marys 5051

info@precisionhydrographic.com.au
www.precisionhydrographic.com.au

PHS Awarded Seabed Survey Contract in Australia Ports

Adelaide, South Australia
07 December 2023

PHS announces the award of a seabed survey contract to acquire and provide Hydrographic High Resolution Route Survey (HRRS) data to the Australian Department of Defence for a number of Australian ports. The purpose of the HRRS is to enable the collection of Maritime Geospatial Information (MGI) to support maritime domain awareness through the acquisition of high resolution seabed foundation data and associated oceanographic data.

A previous activity undertaken by PHS demonstrated the joint capability of PHS and Kraken KATFISH technology to acquire high resolution seabed imagery. This project also highlighted the validity of the Ping 3DSS system to complement the Synthetic Aperture Sonar (SAS) imagery in very shallow waters.

The Kraken KATFISH 180 SAS system will be fitted to the *Offshore Unlimited* vessel Outer Limit and will capture high resolution (3 cm x 3 cm) seabed imagery. The Ping DSP system will be fitted to vessels of opportunity and compliment the SAS imagery in shallow water not suited to the Kraken KATFISH. Further, the systems capabilities extend to safe, efficient, and reliable 24/7 operations when operated by a team of highly trained and expert personnel.

PHS is a Hydroscheme Industry Partnership Program panellist and long-term survey contractor to port authorities. PHS's extensive experience providing specialist survey services to port authorities enables PHS to have significant understanding of the requirements of working within and near port waters. PHS is uniquely placed with the expertise and experience necessary to undertake the simultaneous capture of foundation dataset imagery using SAS and interferometric sonar technology.

The acoustic imagery and bathymetry collected by the Kraken KATFISH and Ping DSP system provides extensive knowledge of subsea assets and infrastructure such as subsea pipelines and fibre optic cables, as well as important hydrographic information regarding the safety of key transit routes for ocean assets.

For further information please contact:

Neil Hewitt, Managing Director

Precision Hydrographic Services

Email: neil.hewitt@precisionhydrographic.com.au

Phone: (08) 7120 2211

Website: www.precisionhydrographic.com.au

LinkedIn: www.linkedin.com/company/precision-hydrographic-services

Links:

www.krakenrobotics.com