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## **PRECISION HYDROGRAPHIC SERVICES AWARDED DARWIN, BEAGLE GULF (NORTHERN TERRITORY) CONTRACT**

ADELAIDE, AUSTRALIA  
21 May 2020

### **Precision Hydrographic Services successful tenderer in HydroScheme Industry Partnership Program (HIPP)**

Precision Hydrographic Services (PHS) is a specialist hydrographic survey company with offices located in South Australia and the Pilbara. PHS specialise in conducting high accuracy hydrographic survey services supervised and approved by a Level 1 Hydrographic Surveyor.

PHS has recently been announced as the successful tenderer for the Darwin, Beagle Gulf (Northern Territory) project as part of the HydroScheme Industry Partnership Program (HIPP).

The HIPP is a partnership between the Australian Commonwealth and private industry to help deliver an extensive program of nautical charting surveys in Australian territorial waters. The goal of the initiative is to further improve the understanding of the unique Australian sea charting area, which comprises around 10% of the earth's surface, supports a thriving maritime industry and is home to diverse and unique marine life. A panel of six Australian and one New Zealand-based hydrographic survey companies will support Defence in conducting maritime surveys which enable safe navigation for mariners and support Australia's maritime industry.

The PHS survey team will mobilise on 28 June 2020 for the Beagle Gulf (Northern Territory) project which consists of surveying the approaches to Darwin, Beagle Gulf. PHS will join forces with Offshore Unlimited who will provide the survey vessel for the project enabling 24-hour survey operations.

The aim of the Beagle Gulf (Northern Territory) project will be to update the charted bathymetry, to facilitate safe navigation and to provide confirmation of known objects, as well as the identification of new navigation hazards which could pose a threat to safe navigation. Additionally, two reference surfaces will be surveyed for inclusion in the National Reference Surface Program.

The survey area lies north-west of Cox Peninsula, encompassing South Gutter and is bounded by North Gutter, Fenton Patches and Fish Reef. As well as hydrographic surveying, PHS will develop a tide model which includes installing several tide gauges within the area. This will aid in the development of the AUSHYDROID. This model is important for the seamless linking of bathymetric and topographic data through a common reference frame. This provides future users to survey on the ellipsoid over the area. More information on AUSHYDROID <https://icsm.gov.au/what-we-do/aushydroid>

PHS has experience in all facets of producing high resolution multibeam surveys for safety of navigation, dredging and maintenance operations. PHS surveys are conducted to meet local, national and international standards. PHS provide a complete hydrographic surveying service which is directed and approved by a Level 1 surveyor. There are two levels of Specialist Certification in Hydrography and Level 1 is the highest level of hydrographic surveying certification attainable. This certification provides clients with complete confidence in our work.

PHS is delighted to be awarded one of the first HIPP surveys to be conducted and looks forward to working with the Australian Hydrographic Office (AHO) in building a long-term partnership for delivering national hydrographic responsibility.

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