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South West Pacific Hydrographic Commission Meeting 17-19 February 2021

Pacific Projects

Republic of Marshall Islands - 2019

Palau – planned 2021

Papua New Guinea – 2017

Corel Sea Islands

Papua New Guinea – planned 2021

Nationale

Tuvalu - 2019

2019

Samoa - 2015

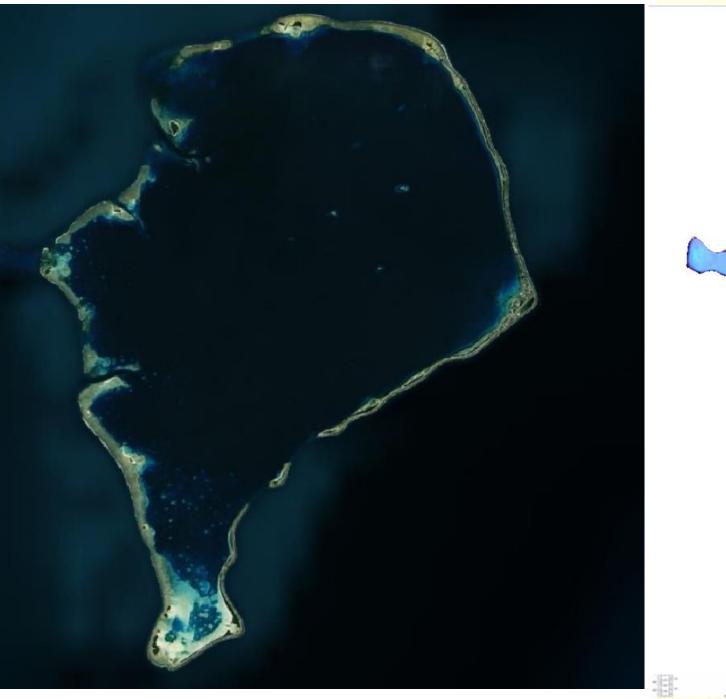
French Polynesia - 2015

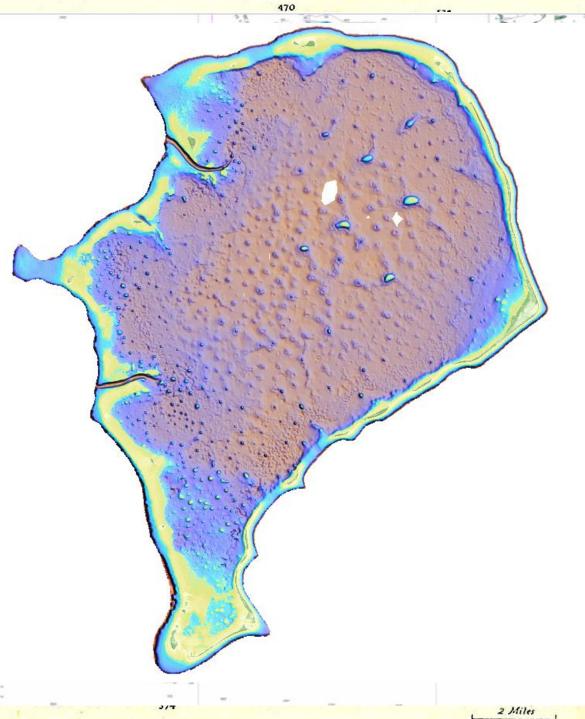
Project owners – Papua New Guinea National Maritime Safety Authority (NMSA); Tuvalu Coastal Adaption Program (TCAP); The Pacific Community (SPC); Service hydrographique et océanographique de la marine (SHOM); Samoa Natural Resources and Environment (NMRE); Palau Automated Land and Resource Information System (PALARIS); Fiji Airports



Tuvalu Coastal Adaptation Project Survey of all 9 Atolls









Palau (2021)

Topographic and bathymetric lidar survey for Palau Automated Land And Resource Information System (PALARIS).

Planning to deploy in March 2021



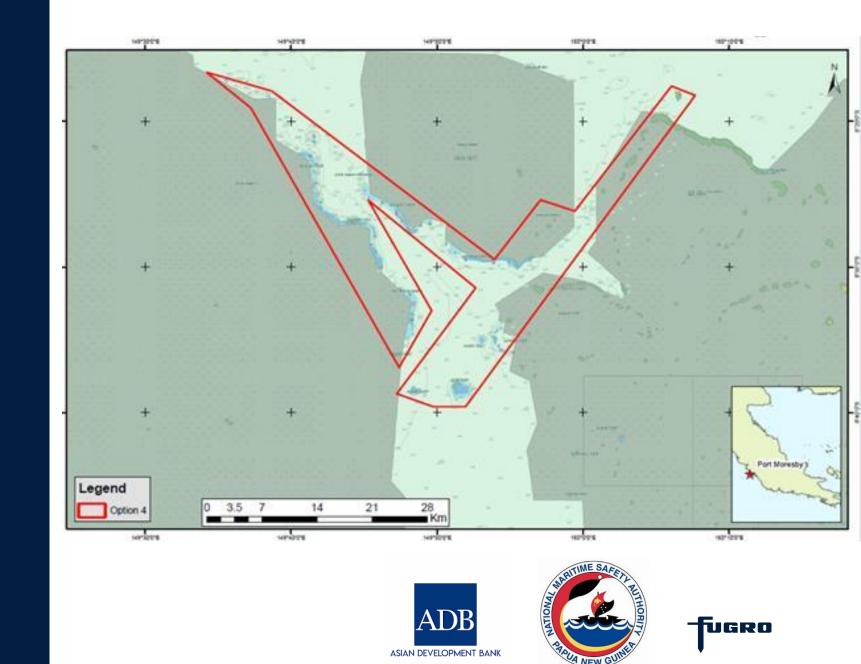




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Papua New Guinea (2021) NMSA; ADB

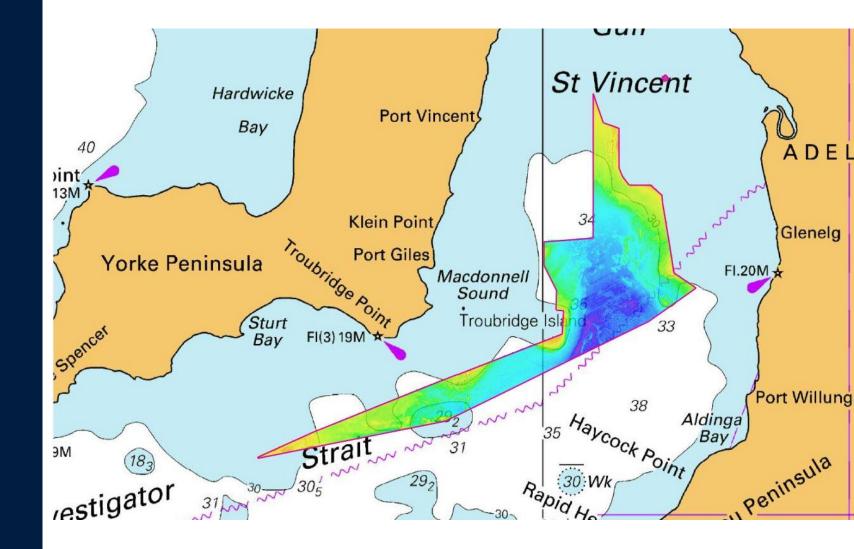
LADS HD+ survey of Star Reefs for nautical charting



HIPP SI 1008 Gulf St Vincent

First deployment of the FAS-900 Blue Shadow for the AHO, an innovation to improve safety and efficiency of data collection.

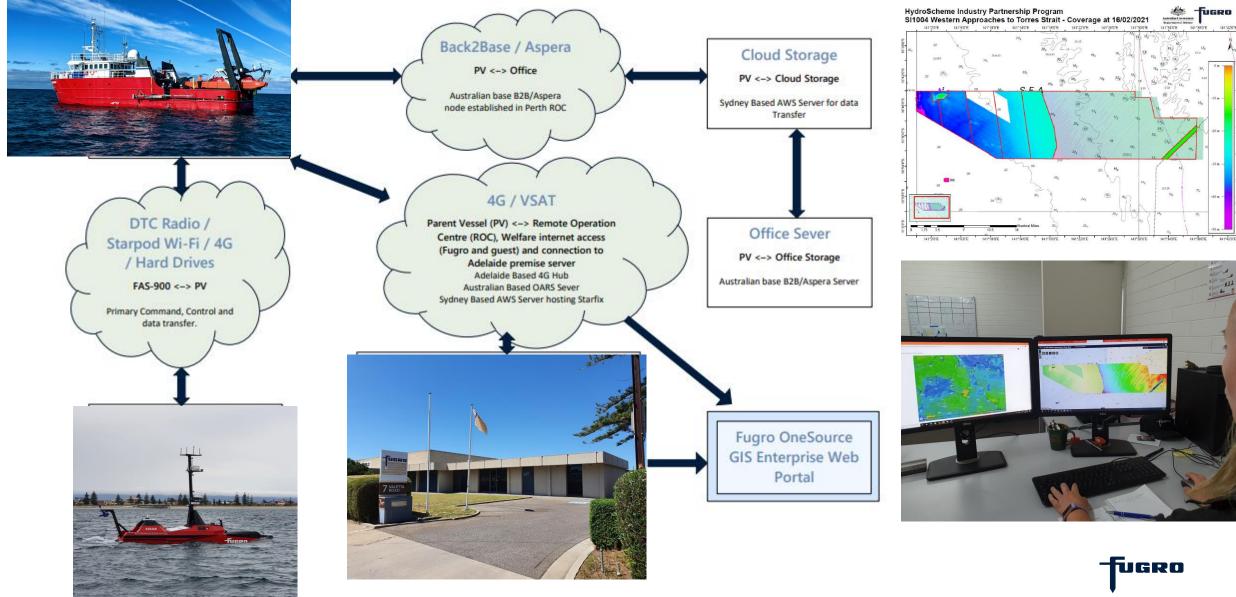








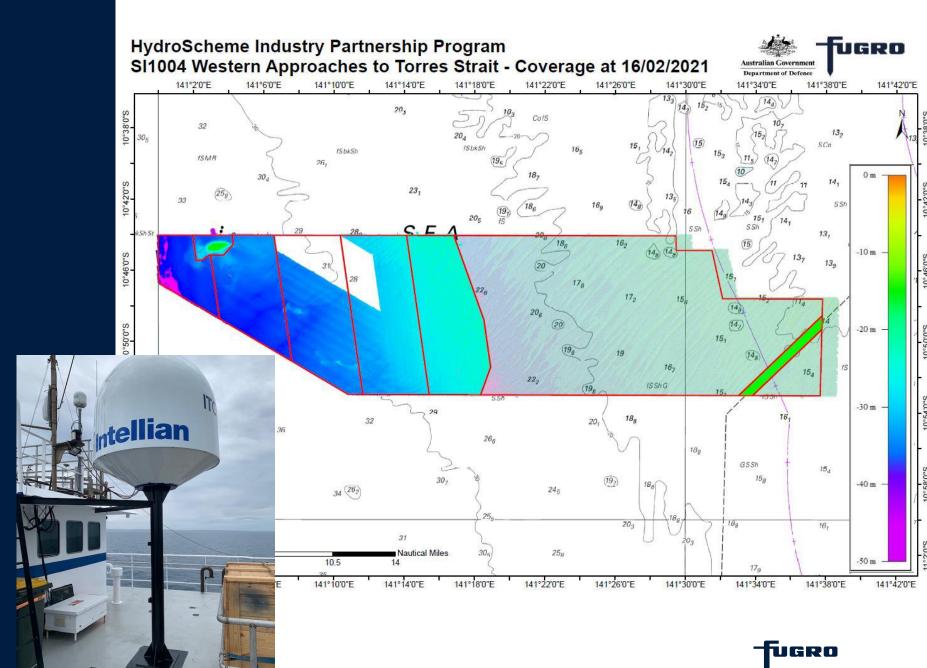
Progressively implemented Remote Operations



HIPP 1004 Western Approaches to Torres Strait

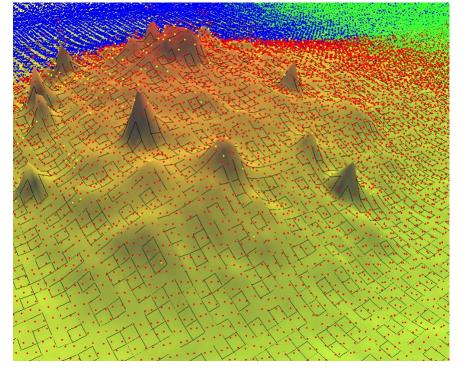
LADS HD+, ALB parent vessel, Blue Shadow USV

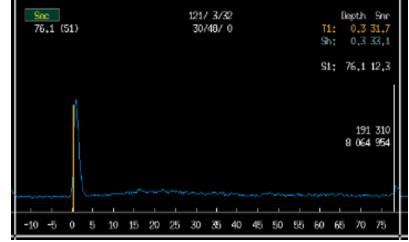
Operations in a remote area relying on remote services

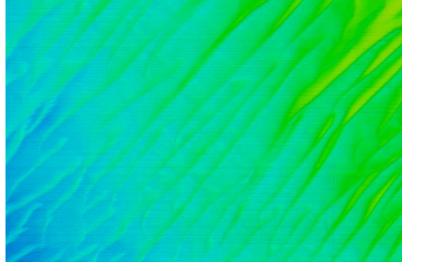


Fugro LADS HD+

Laser rate increased to 7 kHz IHO 1a object detection - 2 soundings in 3m bin to 20+ metres Max depth 80 metres Operates with Riegl VQ-820-G for high density in very shallow water and over topography







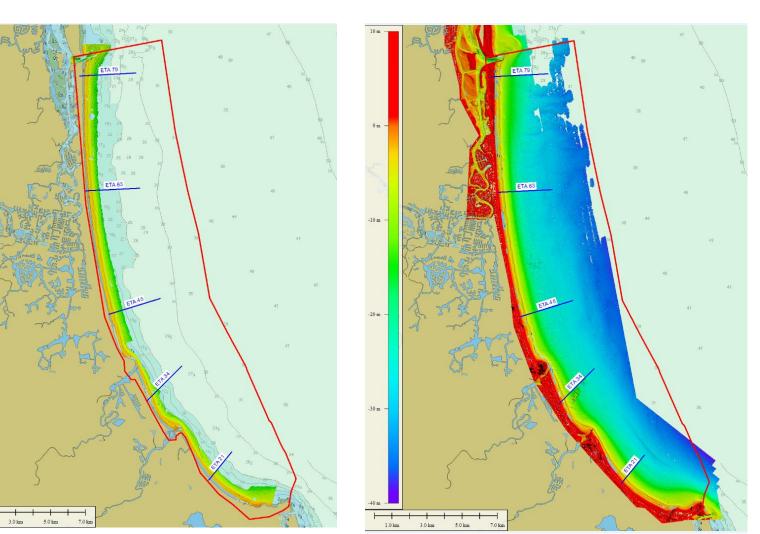


Multi Sensor Monitoring MBES, ALB & SDB

Monitored coastal dynamics over 12 months (July 2019 to June 2020) Covered ~200 SqKm

ALB and SDB, IHO Order 1b

Gold Coast, Australia.





Seabed 2030

Fugro contributed over 345,000 sqkm in 2020.

1,445,000 sqkm to date.

Committed to a Livable World and the UN Decade of Ocean Science



Other Innovation

2 Blue Shadow FAS900 in Australia joined by the first of our SeaKit Vessels.

Remote Operations optimised with improved cloud based processing using AI & Machine Learning

15 Footr

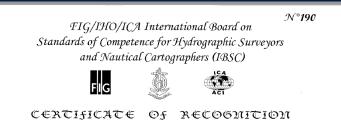






Accredited Cat B Applied Hydrographic Survey Programme

24 week duration12 Places3 Points of Entry



The FIG/I9O/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers, having reviewed the programme **(Dplied Hydrographic Surveyors And Nautical** Submitted by the PUGRO ACADEMY/FUGRO GREAT BRITAIN (NORTH) MARINE LTD (UK) against the Standards of Competence for Category "B" Hydrographic Surveyors, S-5 B Edition 1.0.1, and being satisfied that it meets the requirements prescribed in the Standards, hereby awards this certificate of recognition for a period of six(6) years.





First course completed 2019. 2020 course training students from Australia, PNG (NMSA), India, Africa disrupted due COVID-19.

We unlock insights from Geo-data, for a safe and liveable world

Our Mission

