



R. V. Oceanographer

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ABN 29 001 704481 ACN 0017 04481

Email: fitzynet@bigpond.net.au Call Sign: VHN 9942



Designed and built in Survey for Hydrography, Oceanography, Marine Research and Oceaneering.



Excellence in Maritime Engineering

In 1997 Land & Marine Pty Ltd carried out the first mechanical transplanting of *Zostera* Seagrasses as part of the Lady Robinson's Beach remediation project. This project won the 1998 Case Earth Award for Excellence in Environmental Engineering



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Purpose Built in 2B Commercial Survey for – Oceanography - Hydrography - Environmental Monitoring - Diving - Marine Civil Works - Extremely stable level platform for cinematography & all visual activities. R.V. Oceanographer has a fully approved Occupational Health and Safety Plan for Government contract work.

Details - 16 metres x 6 metres x 1.2 metres Al. Catamaran - 20 tonnes - 13 knots cruise - 6 Tonnes fuel 3 Tonnes water - Twin 400 HP Cummins - 20 KW Onan gen. - Abundant 12, 24, 240, & 415v.power.

Very Cost Effective- RV Oceanographer can execute most marine research tasks that previously required a 50 m. Rig Tender Vessel - at a fraction of the cost - she is very fuel, cost & time efficient.

Spacious & Comfortable Work Platform - the operations room is set up with 15 square metres of dry, secure, stable, non slip bench space to provide scientists and operators spacious, fatigue free, safe working space - there are 3 large clear span working decks - operators are able to relax in comfort between tasks with plenty of hot & cold fresh water at all work stations along with high pressure salt water systems.

Bow and Stern Heavy Lift Gantries & Winches - ROVs and other marine research equipment can be safely deployed and recovered from either the bow or the stern. The bow gantry allows RV Oceanographer deploy a remarkable array of marine apparatus & vehicles whilst riding bow first to seas, winds & currents.

ROV and Dynamic Vehicle Management Systems - RV Oceanographer is able to position with great accuracy and hold that station with stability for protracted periods of time. She is able to position vehicles & equipment on the ocean floor with great accuracy using unique systems devised by the Fitzhenry Team.

Systems - 2 Survey Differential GPS - Digital Sidescan - High Resolution Dual Frequency Sounders - High Res. Radar - ROVs & Tether Management Systems - Towed ROVs - Tripcameras - Stratacam Vibrocorers - Gravity Corers - Deep Ocean Box Corers - CTD Systems - Bulk Sampling Equipment Bioaccumulation & Turbidity Monitoring - Underwater Video & Camera Systems - Oceanering Systems

Key People - Capt. Daniel Fitzhenry – Registered Surveyor is an Accredited Specialist Hydrographer (NC, CZM, IOS), Dip. Environmental Studies (Macquarie). His work is acceptable to the Hydrographer RAN and the Australian Hydrographic Commission - Australian Commonwealth Commercial Diver.

Steven Fitzhenry BE Civil (Sydney) Coastal Studies Engineer and Assistant Hydrographer.

Adam Fitzhenry BE Civil Hons (Sydney) Maritime Civil Engineer and Assistant Hydrographer.

