Offshore Solution

Offshore Service Vessel

About the vessel

The Offshore Solution is class leading multi-purpose vessel equipped with hull-mounted multibeam and USBL systems and suite of geophysical sensors with the capability to perform hydrographic surveys, environmental and geophysical surveys, light geotechnical operations and IMR operations using its 20-ton active heave compensated crane, 30-ton A-frame, ROV capability and DP2 capabilities.

With dedicated survey rooms and accommodations for 40 personnel, this vessel facilitates offshore command, control and data processing to ensure comprehensive data quality control and efficient final reporting post-demobilisation. Its dimensions and mono-hull design provide a safe and comfortable environment for passengers, and its optimal draft allows it to survey both deep offshore locations and shallow water depths along export cable routes.

General		Dimensions	
IMO No	9784465		
Year Built	2016	Breadth - moulded	11.3 m
Port of Registry	Australia	Draft	2.8 m
Flag	Australia	GT	902 T
Class	Des Norske Veritas - Germanischer Lloyd	NT	275 T
Notation	✠1A Offshore service vessel, COMF(v-3), DPS(2) EO VIBR	Deadweight	2,670 T (approx.) at 5.50 m draft
		Free Deck Area	250 m²
LOA	53.85m	Deck Strength	7.5 T/m²

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Overview

- Fuel Efficient—Diesel Electric
- Shallow Draft
- Dynamic Positioning
- 2 x Deck Cranes (AHC/Man Ride)
- 4 Point Mooring System
- POB—40 persons
- Dual Moon Pools
- Green Passport Compliant
- Removable Bulwarks
- ICCP & ICAF System
- OVID Complaint
- Steel Mono Hull
- 3 x Starlink Fitted

Bridge

- Electronic Chart Display System, (ECDIS)
- Sailor 622 & 6248 VHF communications
- Sailor 6301 HF Communications
- Sailor 6006 INMARSAT C
- VSAT Fitted

Integrated Survey

- 2 x Veripos LD900 GNSS (Shared)
- 1 x Sonardyne Ranger 2 USBL (Shared)
- 4 x Sonardyne WSM 6+ Mini Beacons
- 2 x Sonardyne 6G+ RTP Compatts
- 2 x Exail Hydrins INS
- 2 x Valeport SUX 2 CTD

Dynamic Positioning

- Praxis MEGA GUARD DP System
- 2 x Veripos LD900 GNSS
- 1 x Sonardyne Ranger 2 USBL, (Fitted Stbd Moon Pool)
- 1 x MEGA–GUARD E Series Taut Wire
- 4 x Sonardyne Reference Acoustic Beacons

Deck Layout

- 4 point mooring, 600m x 30mm SWR, w/Delta Flipper anchors
- 2 x Moon pools @ 1.0m diameter each
- Stern Roller 6m x 0.9m
- Removable Bulwark sections, 2 x 3.5m sections

Lifting Appliances

- 1 x Aft Knuckle Boom 20t @ 6.5m, 11.5t @ 15.1m, AHC/CT/ Man Ride
- 1 x Fwd Knuckle Boom 13.6t @ 6.3m, 4.45t @ 15.3m
- CPT and Vibrocore Deployment Platform
- 30t A-Frame
- 20t Lifting Winch

Power Generation

- 6 x D13 Volvo Penta Generators @ 420kW each
- 2 x D9 Volvo Penta @ 260 kW each (Emergency & Harbour Gen Set)

Propulsion

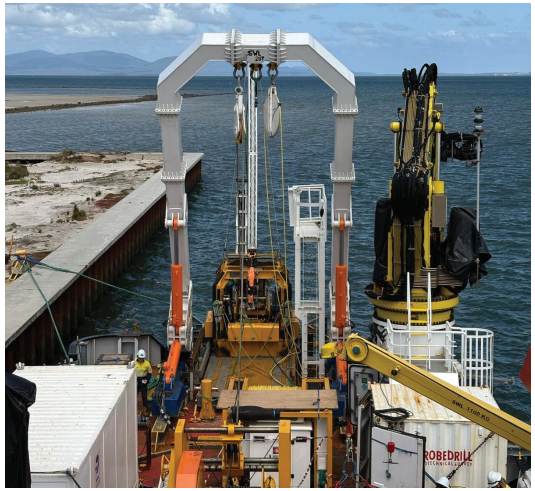
- 2 x Aft Azipod 650kW each
- 1x Bow Tunnel Thruster 400kW
- 1x Bow Swing Down Azipod 650kW

Speed

- 14 knots maximum
- 10 knots economical

Tank Capacity

- 120m^3 MGO
- 150m^3 Ballast Water
- 60m^3 Potable Water



Note - vessels can be modified to meet specific charter requirements. Cyan encourages clients to contact the vessel operations team to confirm vessel particulars are accurate.