



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, Light Workclass ROV 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.

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Offshore Solution

Offshore Service Vessel



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 m ²
LOA	53.85m	Deck Strength	7.5 T/m ²

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A Perfect Day Every Day



Offshore Solution

Offshore Service Vessel

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 Compliant
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

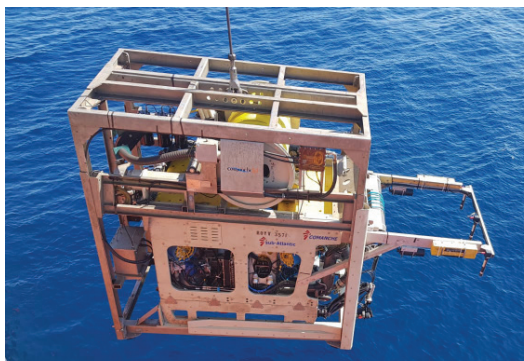
2 x Veripos LD900 GNSS (Shared)
1 x Sonardyne Ranger 2 USBL (Shared)
4 x Sonardyne WSM 6+ Mini Beacons
2 x Sonardyne 6G+ RTP Compatts
2 x Exail Hydrins INS
2 x Valeport SUX 2 CTD

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

Comanche 30 - Electric Light Work Class ROV

Integrated A-frame LARS
Winch c/w 2,000m umbilical (Zone 2 rated)
Cage type TMS with 250m of tether
Depth Rating 2,000m
Payload 215kg
Thrust – 225kgf Fwd, 225kgf Lateral
1 x Schilling Orion 7-function & 1 x Orion 4-function
Auxiliary Pump – 220 Bar at 20 lpm
Auto – Heading, Depth, Altitude, Pitch and Roll
Pan and Tilt unit, tilt unit
2 x Colour zoom, 1 x colour camera, 1 x Low light camera
Tritech super seaking obstacle avoidance Sonar
Tooling/inspection skid available c/w rollers and booms



Deck Layout

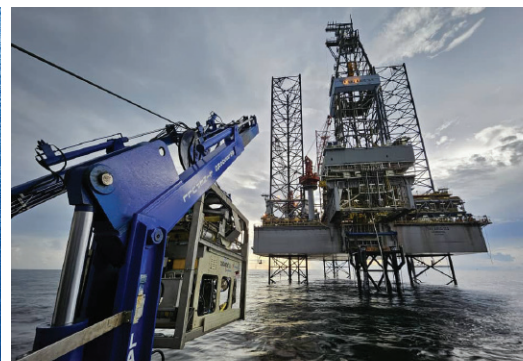
4 point mooring, 600m x 30mm SWR, w/Delta Flipper anchors
2 x Moon pools @ 1.0m diameter each
Stern Roller 6m x 0.9m
Removable Bulwark sections, 2 x 3.5m sections

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

120m³ MGO
150m³ Ballast Water
60m³ Potable Water

