

## Detailed Specifications

Operator:	Mermaid Offshore Services Ltd.
Class:	DNV +1A1 +Offshore Support Vessel +DPS-2 +DSV-SAT
IMO No.:	9481817
Call Sign:	V7RO9
Built:	2010, ASL Yard, Singapore
Registered Port:	Majuro
Flag:	Marshall Islands
GRT:	5,955t
Hull Dimensions:	LOA 90.0m, B 22.0m, D (moulded) 8.0m
Draft (operating):	5.5m
Fuel Oil Capacity:	1,200m <sup>3</sup>
Potable Water Cap.:	800m <sup>3</sup>
Water Makers:	2 x 30m <sup>3</sup> /day
Main Propulsion:	2 x 2,000kW azimuth thrusters
Thrusters:	3 x 620kW bow tunnel thrusters
Generators:	6 x 1,600kW Cummins + 1 x 780kW emergency generator
Accommodation:	100 Berths plus divers in saturation (12 x 1-man, 16 x 2-man, 14 x 4-man, all cabins c/w en-suite bathroom) (37 crew including dive technicians and catering)
Clear Deck Space:	680m <sup>2</sup> @ 5t/m <sup>2</sup>
Main Crane:	Heila 100t @ 15m, 600m Wire, 10t auxiliary winch, man-riding
Auxiliary Crane:	TTS 6t @ 6.6m
Dynamic Positioning:	Converteam ADP21
Reference Systems:	2 x Sonardyne, 2 x DGPS, 1 x LWTW, 1 x radius
Helideck:	Rated for Sikorsky S-61N and Super Puma
Lifeboats:	2 x GRP 60-man
Liferafts:	8 x 25-man
Rescue Craft:	6.32m 160HP waterjet (davit-launched)
ROV:	Saab Seaeye Tiger (inspection class)
Saturation Diving:	12-man system rated to 300m water depth
Diving Bell:	1 x 3-man, 6.3m <sup>3</sup> , deployed through moon-pool
Hyperbaric Lifeboat:	Self-propelled, 12 divers + 4 crew
Dive Gas Storage:	36 x 2,460 litre cylinders @ 198 Bar, below main deck
Communications:	Computer network, 24hrs VSAT telephone, email and internet

All vessel details are presented herein in good faith and are believed to be correct at time of publication. Vessel specifications are subject to change without notice. Revision date 29 March 2011.



## MERMAID ASIANA

### DP2 Saturation Diving Support Vessel

## General Description

*Mermaid Asiana* is a purpose-built DNV Classed DP2 DSV with diesel-electric propulsion, delivered in February 2010, fully compliant with IMO Code for Special Purpose Ships. The vessel features a fully built-in and classed 12-man single bell saturation diving system rated to 300m water depth, including a self-propelled hyperbaric lifeboat. Dive gas storage cylinders are located below main deck level, leaving all back deck space for project equipment. A 100T knuckle-boom crane enables *Mermaid Asiana* to perform light construction operations.

*Mermaid Asiana* is equipped with substantial office space, survey room, hospital, and a gymnasium. Accommodation comprises 100 berths, and all cabins have en-suite bathrooms.



Mermaid Offshore Services Ltd. is a leading provider of Subsea Support Services to the Oil and Gas Industry. We provide diving and ROV support vessels, saturation and surface diving, ROV, subsea inspection, survey and positioning services.

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