

Detailed Specifications

Owner:	Mermaid Offshore Services Ltd.
Class:	DNV +1A1 ICE-C Supply Vessel SF HELDK DSV-III E0 DYNPOS
IMO No.:	8601513
Call Sign:	3EQK5
Built:	1987, Dannebrog Vaerft A/S Yard, Aarhus, Denmark
Registered Port:	Panama
Flag:	Panama
GRT:	4,294t
Hull Dimensions:	LOA 91.1m, B 18.0m, D (moulded) 8.0m
Draft (minimum):	5.5m
Fuel Oil Capacity:	1,275m ³
Potable Water Cap.:	498m ³
Water Makers:	2 x 10t/day
Main Propulsion:	2 x 2,666 BHP Wartsila azimuth thrusters
Thrusters:	3 x 1,110 BHP bow tunnel thrusters
Generators:	4 x 2,675 Kva Stromberg + 1 x 600 kva Cummins emergency generator
Accommodation:	90 Berths plus divers in saturation (14 x 1-man, 20 x 2-man, 9 x 4-man, all cabins c/w en-suite bathrooms) (36 crew including dive technicians and catering)
Clear Deck Space:	700m ² @ 5t/m ²
Main Crane:	Hydralift 60t @ 8.3m, 400m wire, auxiliary winch 5t, man-riding
Auxilliary Crane:	Hydralift 5t @ 10m, man-riding
Dynamic Positioning:	Kongsberg Simrad SDP21
Reference Systems:	1 x Kongsberg Simrad HiPap 500, 1 x Kongsberg Simrad HiPap 350, 2 x DGPS, 1 x LWTW, 1 x fan beam
Helideck:	Rated for Sikorsky S-76
Lifeboats:	2 x GRP 40-man
Liferafts:	12 x 16-man Viking
Rescue Craft:	Avon Searider 6.7m semi-rigid inflatable 55HP (davit-launched)
ROV:	Saab Seaeye Tiger (inspection class)
Saturation Diving:	16-man system rated to 230m water depth
Diving Bells:	2 x 3-man, 4.3m ³ , deployed through individual moon-pools
Hyperbaric Lifeboat:	Self-propelled, 16 divers + 4 crew
Dive Gas Storage:	33 x 2,248 litre cylinders @ 200 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 22 November 2010.



MERMAID COMMANDER

DP2 Saturation Diving Support Vessel

General Description

Mermaid Commander is a purpose-built DNV Classed DP2 DSV with diesel-electric propulsion. The vessel features a fully built-in and classed 16-man twin bell saturation diving system rated to 230m 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 60t crane enables *Mermaid Commander* to perform light construction operations.

Mermaid Commander has an outstanding reputation for performance of diving operations worldwide, including offshore Brazil, the North Sea, and the Asia-Pacific region. Accommodation comprises 90 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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