

DP2 Construction Support Vessel



DPII CONSTRUCTION SUPPORT VESSEL

The vessel is a purpose-built DP2 diving support vessel. The vessel is equipped with a 16-man twin bell saturation diving system complete with a self-propelled hyperbaric lifeboat.

The vessel has a 60-tonne crane and accommodation for 87 personnel. This vessel has an outstanding reputation for performance of diving operations worldwide. The M.V Mermaid Commander is under the DNV classification society, and flying a Panama flag.

LOA 91.1m, B 18.0m, D (moulded) 8.0m
Draft (minimum): 5.5m
Fuel Oil Capacity: 1,275m³
Potable Water Cap.: 498m³
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: 700m² @ 5t/m²

DPII CONSTRUCTION SUPPORT VESSEL

REGISTRATION

Built	1987 / Denmark
Port of Registry	Bangkok
Call Sign	HSB 3363
Class	DNV + 1A1 ICE-C Supply Vessel HELDK DSV-III EODYNPOS

DECK MACHINERY

Main Crane	Hydralift OMC VCT 2986
Capacity	60t @ 8.3 m, 5 t @ 27 m
Auxillary Crane	Hydralift OMCV 1301; 5 t @ 10 m
Winches (Fwd)	2 x Hatlapa 1888253 (anchors)
Capstains (Aft)	Hatlapa 1893010

ACCOMMODATION

Cabins / Berths	Total 87 berths ~ 32 / 55 17 x 1 berth 17 x 2 berth 9 x 4 Berth
Hospital	1 berth + treatment couch
Offices	2
Other	Galley, mess room, 2 x dayrooms

DIVING SYSTEM (BUILT BELOW DECKS)

Capacity	16 man @ 230 metre, volume 106 m3
Diving Bells	2 x 4.5 m3 with individual moon pools
Hyperbaric Lifeboat	16 diver + 4 crew capacity, 5 day end.
Gas Storage	Below deck 14,837 m3

MISCELLANEOUS

Helipad	Sikorsky S-76 rated 20.4 m diameter
Working Moonpool	3 m x 3 m
Workshops	3 total ~ fully equipped
Lifeboats	2 x GRP 40 man
Liferafts	12 x 16 man Viking
Fast Workboat	Avon 5.4 m 55 HP
MOB Boat	Zodiac with dedicated davit 4.7 m
Rescue Craft	Zodiac with dedicated davit 25 HP
Service Air	2300 m3/ hour @ 10 bar
CTDS Probe	Valeport 604 3000 m rated
Fire Detection	Salwico C300 16 Zone
Sprinkler system	Buternal + Fcsls deluge
Air Diving System	Optional
Insp. Class ROV	Optional
Work Class ROV	Optional

The technical specifications presented within this document are subject to change without prior notification. The information presented within this document are believed to be correct, but no guarantees of accuracy can be given.