



DP2 DSV TECHNICAL SPECIFICATIONS

This is a DNV classed, purpose-built DP2 diving support vessel. The vessel is equipped with a built in 16-man twin bell saturation diving system complete with a self-propelled hyperbaric lifeboat. The vessel has a 60-tonne SWL crane and accommodation for 90 P.O.B. Vessel is provided with a Special Purpose Ship Safety Certificate issued in accordance with Assembly Resolution A.534(13) for 90 P.O.B. including 50 special personnel.

Class Notation

1A1 DSV(III) supply vessel DYNPOS(AUTR) E0 HELDK Ice(C) SF

Data

Vessel Name **TBD Upon LOI & POF**
 Class DNV-GL
 Flag State Panama
 Delivery 18 Dec 1987
 Hull Number 187
 Builder Dannebrog Værft A/S
 Call Sign TBD
 IMO No.TBD

Principle Particulars

Length Over All 91.1 m
 Length between Perpendiculars 75.01 m
 Load Line Length 78.775 m
 Moulded Breadth 20.6 m
 Moulded Depth to Main Deck 8 m
 Midship Draft (Min / Max) 5.5m / 6.5m
 Twin Diving Moonpools 3m x 3m clear opening
 Additional 3rd Moonpool Mid-ship Cargo Deck,
 3.5m x 3.5m opening (w/cover)
 Helideck 20.4 mtr. diameter,
 max. 'D' value of 18.70 mtr,
 max. weight of 9,300 kg
 Deadweight 3200
 Gross Tonnage 4294

Accommodation

Accommodation for 90 P.O.B
 Cabins 14 x 1-man, 20 x 2-man, 9 x 4-man
 Offices (Client & Ops) 2
 Meeting Rooms 1
 Hospital 1
 Mess/Day Rooms 1 mess + 2 day rooms
 Galley 1
 Laundry 2
 Workshop 1
 Water Maker RO plant - 37t/day

Dynamic Positioning

Maker Kongsberg
 Type Simrad SDP21
 Reference 1 1 x Kongsberg HiPAP 350
 Reference 2 1 x Kongsberg HiPAP 500
 Reference 3 1 x Kongsberg LTW Mk 15B
 Reference 4 2 x MRU-M-MB3 Motion Reference Units
 Reference 5 1 x MRU D Motion Reference Unit
 Reference 6 3 x Robertson electronic gyro compasses, type RGC12
 Reference 7 2 x Wind speed and direction
 anemometers, type Lambrecht
 Reference 8 2 x Veripos Verify QC Ultra DGPS
 Reference 9 1 x CyScan MK4 sensor
 Reference 10 1 x Octans Laser Gyro compass

Capacities

Main Deck	700m ² (480m ² clear) @ 5T/m ²
Seafastening Tee Bars	Yes
Fuel Oil	1275m ³ (100%) (Low Sulphur MGO)
Drill/Ballast Water	1187m ³
Fresh Water	498m ³
Anti-Heeling	Yes, Interring Passive Stabilizing System
Deck Power	450V / 230V / 110V (60Hz)
Service Air	Yes

Propulsion and Power

Primary Thrusters	2 x LIAAEN TCN 105/75-260, 2680 BHP Azimuth Thrusters
Bow Thrusters	3 x Rolls Royce 250 TV SS tunnel thrusters, 1100 BHP each
Main Generators	4 x Wartsila 6R32D with Stromberg generators 6000 Volt 2675 kVA
Emergency Generator	1 x Cummins type VTA, 28-05-GI developing 600 kVA at 1800 RPM
Maximum Speed	12kts
Economical Speed	10kts
Fuel Consumption, Transit Speed	15m ³ /day
Fuel Consumption, Full Speed	22m ³ /day
Fuel Consumption, DP Mode	12m ³ /day

Safety Equipment

Self-Propelled Hyperbaric Life Boat	16 divers + 4 crew
Lifeboats	2 x GRP 40-man
Liferafts	12 x 16-man Viking

Deck Equipment

Offshore Crane	Hydralift 60T @ 8.3m
Harbour Capacity	60T
Subsea Capacity	60T, subject to Dynamic & Load drag area
Auxiliary Deck Crane	Hydralift 5T @ 10m
ROV 1	Seaeye Tiger (inspection class)
ROV 2	Available on request
Air Dive Spread	Yes
SAT Dive Spread	16-man system rated to 300m water depth (2 bells)
Workboat	Available on request

Communications

VSAT/Internet	Inmarsat, Caprock
External Phone Lines	6
Telephone in all cabins	Yes
Clearcoms (Internal)	Yes
CCTV	Yes

General Arrangement

