

ME ROVER



DP2 IMR / ROV VESSEL

TECHNICAL SPECIFICATIONS

DP2 IMR/ROV

PARTICULARS

TYPE OF VESSEL	DP2 MPOV IMR / ROV
YEAR BUILT	2015
CLASS	DNV -SPS 2008 compliance
CLASS NOTATION	+1A1_SPS_SF,COMF-V(3),EO, DYNPOS-AUTR, NAUT-QSV(T), CLEAN DK(+)
TOP SPEED	14 knots
FLAG	Panama

MACHINERY

TANK CAPACITY

Fuel Oil	: 1345 cu.m
Fresh Water	: 315 cu.m
Ballast water	: 1480 cu.m
Liquid Mud	: 1070 cu.m
Fresh Water maker	: Approx. 25 ton/day
Incinerator	: 1 x 500,000 kcal/hr

PRINCIPAL PARTICULARS

Length O.A.	: 75.55M
Length P.P	: 64.50M
Breadth Moulded	: 19.20M
Scantling draught	: 6.50M
Depth 1st Deck	: 7.60 M
Deadweight (at6.5m)	: 3900 Tons
Deck area 1st deck	: 680 m ²
Deck area mezzanine deck	: 120m ²
Cargo deck strength	: 10.00 MT/m ²

MACHINERY/PROPULSION

Propulsion (CP Propellers)	: 2 x 2320 kw main propellers 2x590kw tunnel thrusters (aft) 3 x 800 kw tunnel thruster (fore)
Main Engine	: 2 x 2320 kw
Auxiliary engines	: 2 x 900 kw
Emergency generators	: 1 x440kw
Shaft Generators	: 2x 1600kw
DP System	: Kongsberg DP2 System
HIPAP	: 2 x Trunks with gate valve DN500

COMMUNICATION EQUIPMENT

Radio (VHF)	: 3 x portable GMDSS-VHF
Radio (UHF)	: 3xportableUHF, Motorola
EPIRB	: 1 x Tron 45SX
Inmarsat	: 2 x Inmarsat C w/EGC receiver
Internal Communication	: Integrated Telephone Intercom & PA system
Transponders	: 2 x radar transponders
GMDSS	: GMDSS for area A3
MOB Alarm	: 7x MOB buttons on workingdecks

ACCOMMODATIONS

Accommodation	: 60 Persons
Hospital	: One (1)

LIFE SAVING EQUIPMENT

MOB Boat w/Davit	: 15 men, 30 knots
Life Rafts	: As per SOLAS
Life Jackets	: As per SOLAS
Life Buoys	: 4x with light and line 2x with line 2x with light and smoke
Survival Suits	: For 60 persons
Fire Fighting appliances	: According to SOLAS rules
Fire Detection System	: 1 x Class approved

TECHNICAL SPECIFICATIONS

NAVIGATION EQUIPMENT

Radars	: 1x Radar 10cm/Sband 1 x Radar 3cm/Xband 1 x Radar slave display LCD/TFT Maritime ECDIS 19"
DGPS	: 3 x DGPS (Combine with DP)
Compass	: 3 x Gyro Compasses 1 x Magnetic Compass
Autopilot	: 1 x High Accuracy Course-keeping
Echo Sounder	: 1 x Echo Sounder
Speed log	: 1 x Doppler Type
Clinometers	: 1 x Clinometers at Wheelhouse 1 x Clinometers in Engine Room
ECDIS	: 2 x ECDIS (interfaced DP system)
AIS	: 1 x AIS, IMO approved
SSAS	: 1 x SSAS, IMO approved
Searchlights	: 3 x Automatic operated searchlights
VDR	: 1 x VDR
BNWAS	: 1 x Bridge navigation water alarm system
SRS	: 1 x Sound Reception System

PUMP CAPACITY

Fuel Oil transfer Pump	: 1 x 20 m ³ /hr, 2 bar
Lube Oil transfer Pump	: 1 x 5 m ³ /hr, 3 bar
Sludge Pump	: 1 x 5 m ³ /hr, 3 bar
Bilge Pump	: 4 x 65 m ³ /hr, 2.5 bar
OWS	: 1 x 2.0 m ³ /hr, 15 ppm
Cooling System	: 9x Seawater pumps 7x Freshwater pumps
Emergency Fire	: 1 x 40 m ³ /hr, 7.0 bar
Fighting & Ballast Pump	: 2 x 100m ³ /h, 9.0 bar
Auto Anti Heeling System	: 1 x 800m ³ /h
Starting Air Compressor	: 2 x 60 m ³ /h, 30 bar
Steering Gear	: 4x electrohydraulic pumps Rudder angle 2 x 45 degree

DECKS ARRANGEMENTS

Arrangement on Bridge	: DNV NAUT-OSV-T Communication centre, toilet, pantry, small blind sectors.
Arrangement on D deck	: 3x state cabins, 3x 1m cabins & instrument room
Arrangement on C deck	: 8 x 1m cabins & 10 x 2m cabins
Arrangement on B deck	: AC plant, e/genset, 13x 2m cabins, ship's office, roving office & conference room
Arrangement on A deck	: Galley, day room, mess room, cold & cool room, dry provision gymnasium, client office, roving office & bosun store
Arrangement on 1st Deck	: Male & female changing room electrical workshop, spare parts store, store, hospital, laundry room, CO ₂ room, diary mess room, paint store, incinerator room, emergency control station, safety & deck store

DECK EQUIPMENT

Crane	: Hydramarine Crane 100T AHC
Crane wire length	: 2000 m
Crane - SWL	: SWL 100T: max. working radius 7,5m SWL 50T: max. working radius 15,4m SWL 25T: max. working radius 30m
Anchor (Fwd)	: 2 x Stockless Spec Grade K3
Anchor Windlass	: 1 x electro-hydraulic
Mooring winch	: 2 x Declutchable cable lifters, drums dia. 400/1250mm, length 1000mm
Capstans	: 2 x electro-Hydraulic, 8 Tons
Tugger winch	: 2 x electro-Hydraulic, 10 Tons Wire capacity: 60 m
Moonpool	: 4 x 4 m - Closed Moonpool