

EDT Prometheus

DPII Multi-Purpose Support Vessel (MPSV)



Shipmanagement



TYPE	DPII MULTI-PURPOSE SUPPORT VESSEL (MPSV)
DESIGN	ULSTEIN PX 105 EXTENDED
OWNER	INNER SEA SHIPPING LTD
OPERATOR	EDT SHIPMANAGEMENT LTD
BUILT	2005, ULSTEINVERFT AS, NORWAY
FLAG	LIBERIA
CALL SIGN	5LPL4

SP-CHR-038 EDT Prometheus Specifications Sheet
Revision 3.0
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GENERAL INFORMATION

Classification	DnV + 1A1, Supply Vessel, Fire Fighter I, SF, E0, DYN POS AUTR, LFL*, CLEAN, COMF-V (3), DK (+), HL(2.5), OILREC, NAUT-OSV (LOC)
IMO Number	9339428
MMSI Number	257245000
Operation	World Wide
Endurance	45 days plus
Maximum Speed	About 15 knots

DIMENSIONS

Gross Tonnage	4667 t	Breadth Moulded	19.0 m
Net Tonnage	1401	Depth to Main Deck	8.0 m
Deadweight	3625.2 t	Draft	6.5 m
Length Overall	91.1 m	Freeboard max draft	1.5 m
Minimum water depth	8m (DP1 operations in calm sea conditions)	Minimum water depth	11m (DP2 operations in calm sea conditions)

TANK CAPACITIES (@95%) & DISCHARGE RATES

Marine Diesel	882 m ³	2 pumps @ 250 m ³ / hour each
Fresh Water	986 m ³	2 pumps @ 250 m ³ / hour each
Ballast / Drill Water	867 m ³	2 pumps @ 250 m ³ / hour each
Liquid Mud—Combined with brine	1065 m ³ / 210m ³	4 pumps @ 100 m ³ / hour each
Brine - combined with mud	213 m ³ / 210m ³	2 pumps @ 100 m ³ / hour each
Dry Bulk (8 tanks)	384 m ³	2 BHS Compressor Capacity 2 x 30 m ³ / min @ 6 bar
LFL (4 tanks)	167 m ³	2 pumps @ 100 m ³ / hour each
Base Oil	386 m ³	1 pump @ 150 m ³ / hour
Special Products	211m ³	2 pumps @ 100 m ³ / hour

DP SYSTEM

DP System	Kongsberg SDP 21
Notation	Class II DNV Notation: DYNPOS (Autr)
Portable Joystick	4 x Poscon II
DGPS Reference systems	1 x CNAV X1 1 x Kongsberg SEATEX DPS 200 1 x Fugro GNSS 9205
Laser Reference System	1 x MDL Fanbeam
USBL	HiPAP Kongsberg 502
Gyros	3 x Anschutz Standard 22

HELIDECK

Helideck	D=21m t=12,8 Bell 214 ST & Super Puma AS 332L / L1 Sikorsky S-92
Helideck Monitoring System	Kongsberg Simrad Seatex HMS –100

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DECK EQUIPMENT

Deck Load	Main Deck @ 10t/m ² , Mezzanine Deck @ 5t / m ²
Deck Area	731m ² / 304m ²
Main Crane—NOV fully AHC	Main line Double Fall - 110t / Offshore Single Fall 90t AHC @ 12.0m (with 1700m wire) Whip line - 10 t AHC @ 34.0 m (2060 m wire)
Work / Provision Cranes	10 t @ 10 m / 3 t @ 10 m
Tugger Winch	1 x 15t, 1 x 20t t pull
Capstan	2 x 10T
Electrical Power on Deck	440V / 230V / 60Hz

PROPULSION & MACHINERY

Main Engines	4 x Caterpillar 3516 TA - 1,825kW @1800 rpm
Generators	4 x AVK, DSG 86 M1-4 w
Main Propellers	2 x Rolls Royce Azipull thrusters AZP 120
Emergency Generator	1 x Caterpillar 3406TA, 277BkW/1800RPM, 250EkW/440V/60Hz
Bow Thrusters	2 x Kamewa Ulstein TT 2200 DNP-CP, 241 rpm 883 kW 1 x Ulstein Aquamaster TCNS 73/50-180, 883 kW
Total Electrical Power	7,300 kW

NAVIGATION

Radars	2 x Furuno (1 S-Band FCR 2837S + 1 X-Band FAR 2827)
AIS	Furuno FA 100
Auto Pilot	Anchulz pilotstar D
Echosounder	Furuno FE-700
Speed Log	Furuno DS-80 doppler log
ECDIS	TOTEM
Doppler Log	Furuno DS-80

ACCOMMODATION

Total Accommodation	74 bunks * Optional Dispensation 114 max
Client Facilities	Project office, Client Office and Conference room
Other Facilities	Mess room, Rec Room, Offices, Hospital, Laundry, Galley, Workshop, Gym
Incinerator	Installed

COMMUNICATION

Primary	Starlink 1 TB / 5TB
Secondary	V-sat - K-Band
GMDSS	GMDSS A1, A2 and A3

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