



EDT Hercules

DPII Multi-Purpose Support Vessel (MPSV)



Shipmanagement



TYPE	DPII MULTI-PURPOSE SUPPORT VESSEL (MPSV)
DESIGN	ULSTEIN X-BOW PX 105
OWNER	FOKIDA SHIPPING COMPANY LIMITED
OPERATOR	EDT SHIPMANAGEMENT LTD
BUILT	2014, CONSTRUCCIONES NAVALES DEL NORTE
FLAG	CYPRUS
CALL SIGN	5BAM4

SP-CHR-005 EDT Hercules Specifications Sheet
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GENERAL INFORMATION

Classification	DNV +1A1 CLEAN (DESIGN) COMF-V(3) CRANE DK(+) DYNPOS-AUTR E0 HL(2.8) ICE-C LFL (*) NAUT-OSV(A) SF SPS & IP Code Certified
IMO Number	9491422
MMSI Number	210776000
Operation	World Wide
Endurance	45 days plus
Maximum Speed	About 15 knots

DIMENSIONS

Gross Tonnage	4964	Breadth Moulded	19.0 m
Net Tonnage	1490	Depth to Main Deck	8.0 m
Deadweight	3625.2 t	Draft	6.6 m
Length Overall	88.8 m	Freeboard max draft	1.4 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	1049.69 m ³	2 pumps @ 50-250 m ³ / hour each
Fresh Water	970 m ³	2 pumps @ 250 m ³ / hour each
Ballast / Drill Water	1795.77 m ³	2 pumps @ 250 m ³ / hour each
Liquid Mud	569 m ³	2 pumps @ 100 m ³ / hour each
Brine (MEG) (SG 2.8)	468.48 m ³	2 pumps @ 75-125 m ³ / hour each (Depending on Density)
Dry Bulk (6 tanks)	388 m ³	1 Duplex BHS Compressor Capacity 2 x 30 m ³ / min @ 5.6 bar
LFL (4 tanks)	283 m ³	4 pumps @ 100 m ³ / hour each
Base Oil	217 m ³	1 pump @ 150 m ³ / hour
Foam	400 litres	

DP SYSTEM

DP System	Kongsberg K- POS DP-21
Notation	Class II DNV Notation: DYNPOS (Autr)
Portable Joystick	C-Joy Kongsberg
DGPS Reference systems	2 x CNAV X1
Laser Reference System	1 x Kongsberg CyScan
Radius	Kongsberg Radius 2000
USBL	HiPAP Kongsberg 502 HiPAP Kongsberg 501
Taut Wire	Bandak LTW MK15B
Gyros	3 x Anschutz Standard 22

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DECK EQUIPMENT

Deck Load	1430 t @ 10t/m ²
Deck Area	608 m ² Clear Deck (38.00 m x 16.00 m)
Main Crane - fully AHC	Main line - 100 t AHC @ 15.0 m (with 2000 m wire) Whip line – 10 t AHC @ 34.0 m (450 m wire) (personnel lift)
Provision Crane	2 t @ 17 m
Tugger Winch	1 x 10 t pull
Capstan	2 x 10 t pull @ 25 m/min
2 x ROV Hangars	5.6 L x 8.9 B x 10.9 H (each)
Electrical Power on Deck	440V / 230V / 60Hz

PROPULSION & MACHINERY

Main Engines—Generators	4 x Wartsila 9L20
Main Propellers	2 x Schottel SCD 2020 Azimuth @ 2,500 kW each
Auxiliary Generators	2 x Cummins 300 ekW each
Emergency Generator	1 x Cummins 150 ekW
Bow Thrusters	1 x Brunvoll Tunnel @ 1,200 kW 1 x Brunvoll Retractable Azimuth @ 850 kW
Total Electrical Power	4 x 1580 ekW

NAVIGATION

Radars	2 x Sam Electronics (1 X S-Band + 1 x X-Band)
AIS	SAM ELECTRONICS AIS 3410
Gyro Compass	3 x Anschutz Standard 22
Track Pilot	Sam Electronics 1100
Echosounder	Furuno Navigational FE – 700
Speed Log	Furuno DOPPLER LOG DS80
Chart Pilot	Sam Electronics 1100
Doppler Log	Furuno DS-80

ACCOMMODATION

Total Accommodation	73 bunks
Client Facilities	Project office, Offline room, ROV Control room, client and conference room.
Other Facilities	Mess room, recreation rooms (2), changing room, gym and sauna.
Incinerator	Installed

COMMUNICATION

Primary	Starlink
Secondary	KVH
GMDSS	GMDSS A1, A2 and A3

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