



EDT Protea

Multi-Purpose Support Vessel (MPSV)



Shipmanagement



TYPE	MULTI-PURPOSE SUPPORT VESSEL (MPVS)
OWNER	NAVIBAY SHIPPING COMPANY LTD
OPERATOR	EDT SHIPMANAGEMENT LTD
BUILT	1991, FLEKKFJORD SHIPPING AS, NORWAY
REBUILT	2006, UMBAUWERFT NAVAL SHIPYARD, GDYNIA, POLAND
FLAG	CYPRUS
CALL SIGN	P3KR9

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GENERAL INFORMATION

Classification	DNVGL + 100 A5 E3 Helicopter DP3 + MC E3
SPS Certification	Special Purpose Ship Safety Certificate in accordance with Assembly resolution A.534 (13) for 50 special personnel plus crew
IMO Number	9019107
MMSI Number	209255000
GL Registration Number	GL 120527
Operation	Worldwide
Endurance	45 Days
Maximum Speed	About 13 knots

DIMENSIONS

Gross Tonnage	3814
Net Tonnage	1145
Light Ship	3205
Displacement	5579.4
Deadweight	2374.4
Length Overall	91.20 m
Breadth Moulded	14.80 m
Max Draft	6.83 m
Freeboard	2.35 m
Minimum water depth	9m (DP operations in calm sea conditions)

TANK CAPACITIES

Marine Diesel	670 m ³
Fresh Water	138 m ³ + water maker 8-17 MT per day (dependant on area)
Ballast Water	730 m ³ t

DP SYSTEM

DP System	Kongsberg K-Pos DP21 + K-Pos DP11. GL Notation "Dynpos AUTR" (Class III)
Independent Joystick	Kongsberg cJoy
Reference Systems	1 x Veripos Dual frequency LHD2-G2 (high accuracy capable <30cm) 1 x Dual frequency C-Nav 3050 (high accuracy capable <30cm) Receiver 1 x CNAVXI 1 x Kongsberg Seatex DPS 116 Taut Wire Bandak MK 14B Taut Wire Bandak MK 15B Kongsberg CyScan MK 4
USBL	HiPAP 502
Gyros	3 x Raytheon Anschutz STD 22

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DECK EQUIPMENT

Deck Area	500 m ²
Deck Loading	5T/ m ²
Deck Cargo Capacity	876 t
Deck Length	41.4m
Hangar	78 m ²
Under-Deck Hold	60 m ²
Electrical Power on Deck	660V / 440V / 400V / 230V / 60Hz

PROPULSION

Diesel Generators	4 x 2200 kW Rolls Royce Bergen BRG-6 (in 2 separate engine rooms)
BHP	2991.2
Harbour Generators	2 x Volvo Penta D13C MG / KC 300 / 360 KW / IMO III
Emergency Generator	1 x 300 kW Cummins KTA19G2
Total Electrical Power	8800 kW of 660 V 60 HZ
Propulsion Inverters	2 x Alstom MV 3000
Main Propulsion	2 x Schottel Azimuth Thrusters SRP 2020, 2200 kW each
Bow Thrusters	2 x Brunvoll Tunnel FU 80 LTC-2000 @ 1100 kW each 1 x Brunvoll Retractable Azimuth @ 880 kW

NAVIGATION

Bridge Equipment	1 x SAM Chartradar 1100 – X Band ARPA 1 x SAM Multipilot 1109 – S Band ARPA 2 x Chartplot 1100 1 x Doppler Speed Log Skipper DL 850 1 x Echosounder – DEBEG 4630 1 x UAIS DEBEG 3400 Navtex Receiver—JRC NCR – 300A
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HELIDECK

Helideck	D= 19m, t= 9.3t, Bell 214 ST & Super Puma AS 332L/L1 1991 Regs
Helideck Monitoring System	Observator OIC 2021
FiFi Monitors	3 x Ajax de Boer HR 472/100 – 180 m ³ per hour

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DECK CRANES

Hydramarine Knuckle Boom—Starboard Mid

- 50t @ 12m—2000m wire
- 25t @ 17m—2000 wire

Deck Cranes

MacGregor HMC 1301 LK 20-15(50-10)(PB15)

- 5 t @ 10m
- 2 t @ 15m

ACCOMMODATION

Total Accommodation 88 bunks

Other Facilities 3 x Large On- and Off-line rooms

Messroom, recreation rooms (2), changing room, medical room, gym and sauna

Conference Room (seats 20+ persons, DLP Projector, Conference phone & Internet)

Incinerator Installed

COMMUNICATION

Primary V-SAT Sailor 900 (*adaptable to client requirements*)

Secondary V3 KVH Trackphone

GMDSS As per GMDSS Area A1, A2 and A3

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