M/V EDT ARES







SPECIFICATIONS*

GENERAL

Owner Phileas Ship Management Co. Ltd.
Managers EDT Ship Management Ltd.
Built 1999, Gdansk, Poland

Flag Cyprus

Ship Extended 2002, Gdynia, Poland

Call Sign P3MJ8

Classification GL+100A5E3 DPII+MC AUT E3

ICE CLASS

IMO Number9130755MMSI Number212858000GL Registration Number91300OperationWorld WideEndurance40 DaysMaximum Speed13.5 knots

DIMENSIONS

Gross Tonnage 1,728
Net Tonnage 518
Deadweight 1,015.61
Length Overall 80.75 m
Breadth Moulded 13.40 m
Depth to Main Deck 5.50 m
Draft 4.30 m

COMMUNICATIONS

Radio Transeivers MF/HF DEBEG 3105 DSC Decoders DEBEG

VHF 2 x DEBEG 6322 & slave

DEBEG 6301 CU

Broadband Sat Com Sailor Voice, Fax and Data

Inmarsat C V-Sat Telex DEBEG 3220C Caprock Voice & Email

NAVIGATION EQUIPMENT

Navigation System SAM Electronic Nacos xx-5 Integrated navigation system comprising of;

Radars 1x SAM Electronic Mulipilot 1100 (S Band Radar) ECDIS 1x SAM Electronic Mulipilot 1100 (X Band Radar) ECDIS

1x SAM Electronic Chart radar Ind 3 (X or S Band)ECDIS aft conning station

1x SAM Electronic Chart pilot 1100 ECDIS Workstation

1x SAM Electronic Track pilot/Conning Pilot 1100

Integrated into the Nacos

1 x Anschütz Std 20 & 2 Anschutz Std22 & TMC

Navtex Furuno NX - 700 Doppler Log DEBEG STN Atlas

GPS (NACOS Navigation System) DEBEG 4412 B & Simrad MX10 CDU with MX521A DGPS Antenna

GENERATORS

Chart Pilot

Gyro Compass

2 175 kw Cat C-9 Voltage 480

CAPACITIES

Marine Diesel 479 m3 @ 95%

Fresh Water 417 m3 + Water Maker 9 m3 / day

M/V EDT ARES

DP SYSTEM

Gyro's

DP System Alstom DPS 902 Duplex **GL** Notation 'Dynpos Autr' (Class II) Portable Joystick Alstom (Converteam)

Differential GPS Reference systems 3 x DGPS

1 x Veripos Dual frequency LHD2-G2 (high accuracy capable <30cm) DGPS system

c/w Verify DP Marine QC display & Veripos Lid3S receiver intergrated 2 x Dual frequency StarPack (high accuracy cpable <30cm) Receivers 1 x Dual frequncy C-Nav 2050 (high accuracy cpable <30cm) Receiver

1 x Sonardyne Dimona USBL Acoustic System

1 x Sonardyne Fusion USBL Acoustic System (One Acoustic Pole)

1 x Cy Scan Mk 4 Position Sensor

1 x Alstom Taut Wire (TW901) (500 m)

1 x Anschütz Std20 & 2 Anschutz Std22 Gyro's

1 x RM Young Ultrasonic amemometer

1 x RM Young anemometer 1x TSS Teledvne DMS 10 VRU's

1x TSS Teledyne RP 25

Plug & Play available in the survey room (Diff, Gyro & Acoustics)

PROPULSION / MACHINERY

Main Engines 2 x Wartsila 8L20 1,320 kW each Connected to Single CPP Propeller in Kortnozzle.

Shaft Generators 2 x 1,100 kW each

2 x Caterpillar 3306 x 150 kW each **Emergency & Auxiliary Generators**

4,700 kW of 440 V 60 HZ Total Electrical Power **Bow Thrusters** 1 x Brunvoll Tunnel @ 600 kW

1 x Brunvoll Retractable Azimuth @ 710 kW

Stem Thruster 2 x Brunvoll Tunnel @ 450 kW

DECK CRANES & A FRAMES

Hydramarine Knuckle Boom Crane Starboard Aft - dyn.fact. 1.3

- SWL 30T @ 10m. - SWL 20T @ 15m. - SWL 12T @ 20m. Port Midships

Hydralift Stiff Boom

- SWL 10T @ 15m. - SWL 15T @ 10m.

A – Frame Hydraulic - 25 Tons SWL

2x Ulstein (Brattvaag) Fixed warping Head 24mm x 450mm Hydraulic 5 T pull. Capstains on Main Deck

DECK EQUIPMENT

 $5T/m^2$ **Deck Loading**

430 m2 Clear Deck (13 m x 33 m) Deck Area 7 m x 12 m with 2.70 m Height - (84 m2) Under Deck Hold

Towing Winch Norwinch TUD/26/120 with 30 Tonne Line Pull, 1200 m x 26 mm wire

Electric Power on Deck While on DP: 600 kW, 440 V, 60 HZ

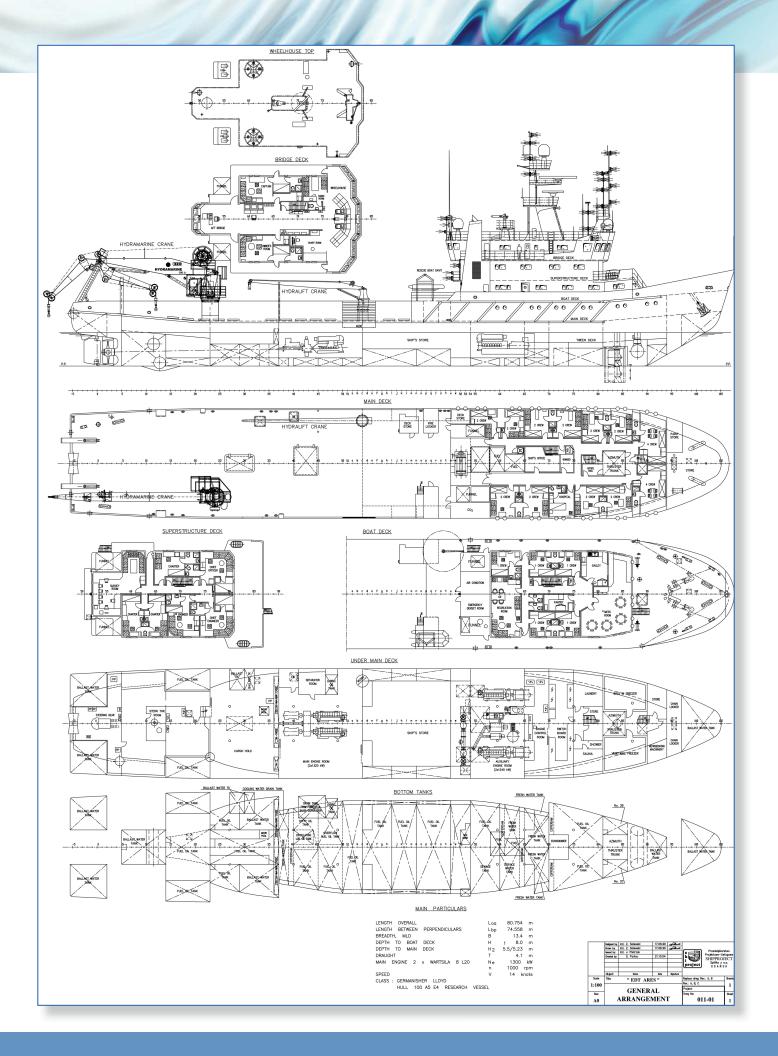
ACCOMMODATIONS

Total Accommodation 49 Persons

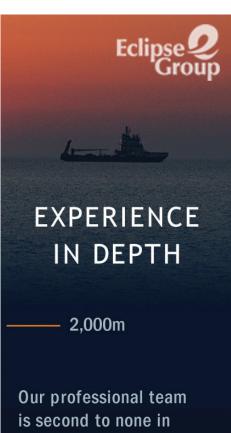
Single Cabins with en-suite 2 Double Cabins with en-suite 4 Double Cabins with shared facilities 16 4-Berth Cabins with shared facilities 2

Other Facilities: Hospital Room (Single cabin with en-suite), Recreation Room, Sauna, Gym, Survey Room 70m², Laundry Room, SAT TV, Incinerator. TeamTec OG 120 C, Sewage Treatment Plant, Hamworthy ST2A, The Vessel is fully Air Conditioned.

*The specifications listed on this data sheet are subject to change without notice and cannot be used for contractual purposes. Up-to-date specifications will be supplied on request. All details without guarantee. GMDSS installation in accordance with IMO regulations for vessels operating within Sea Area A1, A2 and A3.



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