



## DP-II ROV SUPPORT VESSEL

### 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 DP2+MC AUT E3 ICE CLASS
IMO Number	9130755
MMSI Number	212858000
GL Registration Number	91300
Operation	World Wide
Endurance	40 Days
Maximum Speed	13.5 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 Transceivers 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	Telex DEBEG 3220C
V-Sat	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
Chart Pilot	Integrated into the Nacos
AIS	1 x Anschütz Std 20 & 2 Anschütz Std22 & TMC
Gyro Compass	
Navtex	Furuno NX - 700
Doppler Log	DEBEG STN Atlas
GPS (NACOS Navigation System)	DEBEG 4412 B & Simrad MX10 CDU with MX521A DGPS Antenna

#### GENERATORS

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

DP System	Alstom DPS 902 Duplex
GL Notation	'Dynpos Austr' (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 frequency 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
Gyro's	1 x Alstom Taut Wire (TW901) (500 m) 1 x Anschütz Std20 & 2 Anschütz Std22 Gyro's
	1 x RM Young Ultrasonic amemometer
	1 x RM Young anemometer
VRU's	1x TSS Teledyne DMS 10 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
Emergency& Auxiliary Generators	2 x Caterpillar 3306 x 150 kW each
Total Electrical Power	4,700 kW of 440 V 60 HZ
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.
Hydralift Stiff Boom	Port Midships - SWL 10T @ 15m. - SWL 15T @ 10m.
A – Frame	Hydraulic – 25 Tons SWL
Capstans on Main Deck	2x Ulstein (Brattvaag) Fixed warping Head 24mm x 450mm Hydraulic 5 T pull.

## DECK EQUIPMENT

Deck Loading	5T / m <sup>2</sup>
Deck Area	430 m2 Clear Deck (13 m x 33 m)
Under Deck Hold	7 m x 12 m with 2.70 m Height - (84 m2)
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 70m<sup>2</sup>, 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.



# COMPREHENSIVE SERVICES



## EXPERIENCE IN DEPTH

2,000m

Our professional team is second to none in the execution of search, investigation and recovery operations.

4,000m

Our experts have worked at the forefront of subsea and ROV operations for over 25 years.

6,000m

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EDT Offshore and Eclipse Group strive to provide our clients with the highly qualified personnel and technical solutions.

#### Our comprehensive service lines that include:

- Marine Services
- Vessel Operations and Management
- Subsea Services
  - ROV Operations
  - Diving Operations
- Government Services
- Civil and Military Air crash Investigation
- Construction & Infrastructure
  - Survey
  - Cable and Pipeline Installation

Our mission is to become a leader in comprehensive subsea and ROV services worldwide. We welcome the opportunity to discuss our services with your organization.



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