

M/T "EDT ARES" – DP II ROV SUPPORT VESSEL



GENERAL INFORMATION

Owner	Phileas Shipmanagement Co. Ltd.
Operator	EDT Offshore Ltd
Built	1999, Northern Shipyard, Gdansk, Poland
Flag	Cyprus
Ship Extended	2002, Navy Shipyard, Gdynia, Poland
Call Sign	P3MJ8
Classification	GL + 100A5E3 DP II + 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	1,009.5
Length Overall	80.75 m
Breadth Moulded	13.40 m
Depth to Main Deck	5.50 m
Draft	4.30 m

TANK CAPACITIES

Marine Diesel	479 m3 @ 95%
Fresh Water	417 m3 + Water Maker 9 m3 / day.

DP SYSTEM

DP System	Alstom Cegelec DPS 902 Duplex
GL Notation	'Dynpos Autr' (Class II)
Portable Joystick	Alstom Cegelec
Differential GPS Reference systems	3 x DGPS - Veripos - Fugro - C-Nav
	1 x Sonardyne USBL Accoustic System
	1 x Alstom Taut Wire (500 m)
Gyros	3 x Anschütz S20

DECK EQUIPMENT

Deck Loading	5T / m ²
Deck Area	430 m2 Clear Deck (13 m x 33 m)
Under Deck Hold	7 m x 12 m with 2.70 m Highth - (84 m2)
Towing Winch	Norwinch TUD/26/120 with 30 Tonne Line Pull, 800 m wire
Electric Power on Deck	While on DP: 600 kW, 440 V, 60 HZ

DECK CRANES & A-FRAME

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

PROPULSION/MACHINERY

Main Engines	2 x Wartsila 8L20 1,330 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
Stern Thrusters	2 x Brunvoll Tunnel @ 450 kW

ACCOMMODATION

Total Accommodation	50 Persons (incl. owners cabins)
Single Cabins with en-suite	4
Double Cabins with en-suite	3
Double Cabins with shared facilities	16
4-Berth Cabins with shared facilities	2

Other Facilities	Hospital Room
	Sauna Room
	Gym room
	Survey Room 70m ²
	Laundry Room
	SAT TV
Incinerator	TeamTec OG 120 C

The Vessel is fully Air Conditioned.

NAVIGATION EQUIPMENT

Radars	STN Atlas 9,106 S ARPA STN Atlas 9,600 X ARPA
Chart Pilot	2 x STN Atlas 9,300 Conning Pilot, Docking Pilot
AIS	Inegrated into the system
Gyro Compass	2 x Anschütz S20
Auto Pilot	Anschütz Track Pilot (Heading, Course mode & Track mode)
Navtex	DEBEG 2,900
Doppler Log	DEBEG STN Atlas

COMMUNICATIONS

Radio Transeivers	DEBEG 3,220c
DSC Decoders	DEBEG
VHF	3 x DEBEG 6,701
Inmarsat B	Voice, Fax and Data
Inmarsat Mini M	Voice, Fax and Data
Inmarsat M	Voice, Fax and Data
Inmarsat C	Telex
K-Band (V-Sat)	Voice and Data (128)
Mobile Phone Cyprus	Voice

GMDSS installation in accordance with IMO regulations for vessels operating within Sea Area A1, A2 and A3.

*The specifications listed on this data sheet are subject to change without notice and cannot be used for contractual purposes.
Up-to-date configurations and specifications will be supplied on request.*