

## ANCHOR HANDLING TUG & SUPPLY VESSEL - DP1



The *Artemis* is a DP-1 Anchor Handling Tug & Supply Vessel, built in Husum, Germany in 1984.

She was acquired in 2013, fully overhauled and upgraded in Chalkis Shipyards in Greece in 2014 (including Transfer of Class to ABS) and now operates mainly as a Towing Vessel for Cable Laying units on a worldwide basis, but in addition, offers extensive supply, stand-by and auxiliary services on the various projects that she is involved in.

When not involved on towing and supply duties on cable laying projects, she is employed on various offshore and subsea duties including ROV operations, surveys etc.

She holds a long track record on a variety of offshore projects and is being kept up to date with new equipment and careful maintenance to ensure zero down-time and highest possible performance on her employments.

### MAIN PARTICULARS

LENGTH  
67.8 M

BREADTH  
15.6 M

DEADWEIGHT  
2192 MT

BOLLARD PULL  
132 MT

DYNAMIC POSITIONING SYSTEM  
IMO CLASS I

FLAG  
CYPRUS

CLASSIFICATION  
AMERICAN BUREAU OF SHIPPING

OWNER  
ASTREA NAVIGATION CO. LTD.

## GENERAL SPECIFICATION

### GENERAL

Classification: ABS A1, Towing Vessel, Offshore Support Vessel, AMS, ACCU, DPS-1  
Built.....Germany, 1984

### MAIN PARTICULARS

Length Overall..... 67.82 m  
Breadth Moulded ..... 15.60 m  
Depth Moulded ..... 7.45 m  
Draught (Maximum) ..... 6.45 m  
Gross Tonnage ..... 1989  
Bollard Pull (Certified)..... 132 MT

### ACCOMMODATION

Accommodation for 30 persons  
2 x single cabins – Captain class  
1 x single cabin – Senior Officer class  
14 x twin-bunk cabins

### DYNAMIC POSITIONING SYSTEM

Marine Technologies LLC  
DNV Approved – IMO Class I  
1 x DGPS with Satellite Corrections  
1 x Cyscan System  
1 x DPO Station + 1 off remote joystick unit

### POWER AND PROPULSION

4 x M/E NOHAB 4F312B, total 13,312 BHP  
2 x CPP LIPS 4LC100 in Kort Nozzles  
2 x Shaft Generators, SIEMENS, 1,600 kVA each  
2 x Bow Thrusters, LIPS CT09H, 800 HP each  
1 x Stern Thruster, LIPS CT09H, 800 HP  
2 x G/E Scania each 285 kWe  
1 x Em'Cy Gen. Scania, 274 kWe

### DISCHARGE RATES

Fuel Oil Pumps..... 2 x 150 m<sup>3</sup>/h @ 10 bar  
B.W. Pumps..... 2 x 125 m<sup>3</sup>/h @ 9 bar  
F.W. Pumps..... 2 x 125 m<sup>3</sup>/h @ 9 bar  
Brine/Base Oil Pumps.....2 x 50 m<sup>3</sup>/h @ 18 bar  
Liquid Mud Pumps .....2 x 50 m<sup>3</sup>/h @ 18 bar

### DECK AREAS & TANK CAPACITIES

Main Deck Area (Useable).....abt. 450 m<sup>2</sup>  
Mezzanine Deck Area ..... abt. 200 m<sup>2</sup>  
Fuel (MGO) ..... abt. 800 MT  
Fresh Water..... abt. 800 MT  
Ballast / Drill Water..... abt. 600 MT  
Oil Mud / Brine.....abt. 130 m<sup>3</sup>  
Dry Bulk ..... abt. 245 m<sup>3</sup>

### SPEED & CONSUMPTION

Max Speed (Free Running)..... abt. 15.0 kn  
Cons. on Max Speed .....abt. 44.0 T/D  
Economy Speed..... abt. 10.0 kn  
Cons. on Economy Speed .....abt. 11.0 T/D  
Port Consumption..... abt. 1.0 T/D

### LIFTING APPLIANCES – CRANES

1 x Bergesen EHRSC-846-10 Electro-Hydraulic, SWL 6 MT @ 10 m

### MOORING & ANCHORING SYSTEMS

1 x Twin Anchor Windlass & Mooring Winch  
3 x HHP Anchors, each 1,575 kg (1 spare)  
2 x 220m of 38mm Q3 Anchor Chains  
2 x Mooring Capstans aft

### TOWING & A.H.EQUIPMENT

2 x Shark Jaws (retractable)  
2 x Towing Pins (retractable)  
1 x Twin Drum Towing Winch:  
250 MT Pull @ 0~6 m/min  
350 MT Brake Holding  
2 x 1000m Lengths Towing Wire (76mm)  
1 x Wire Storage Winches (Twin Drum)  
2 x Tugger Winches 15 MT Pull @ 16 m/min  
1 x Stern Roller 500 MT SWL

### MARPOL

1 x Oily Water Separator in E/R  
1 x Vacuum Black Water Collection System  
1 x Sewage Treatment Plant (MARPOL Compliant)

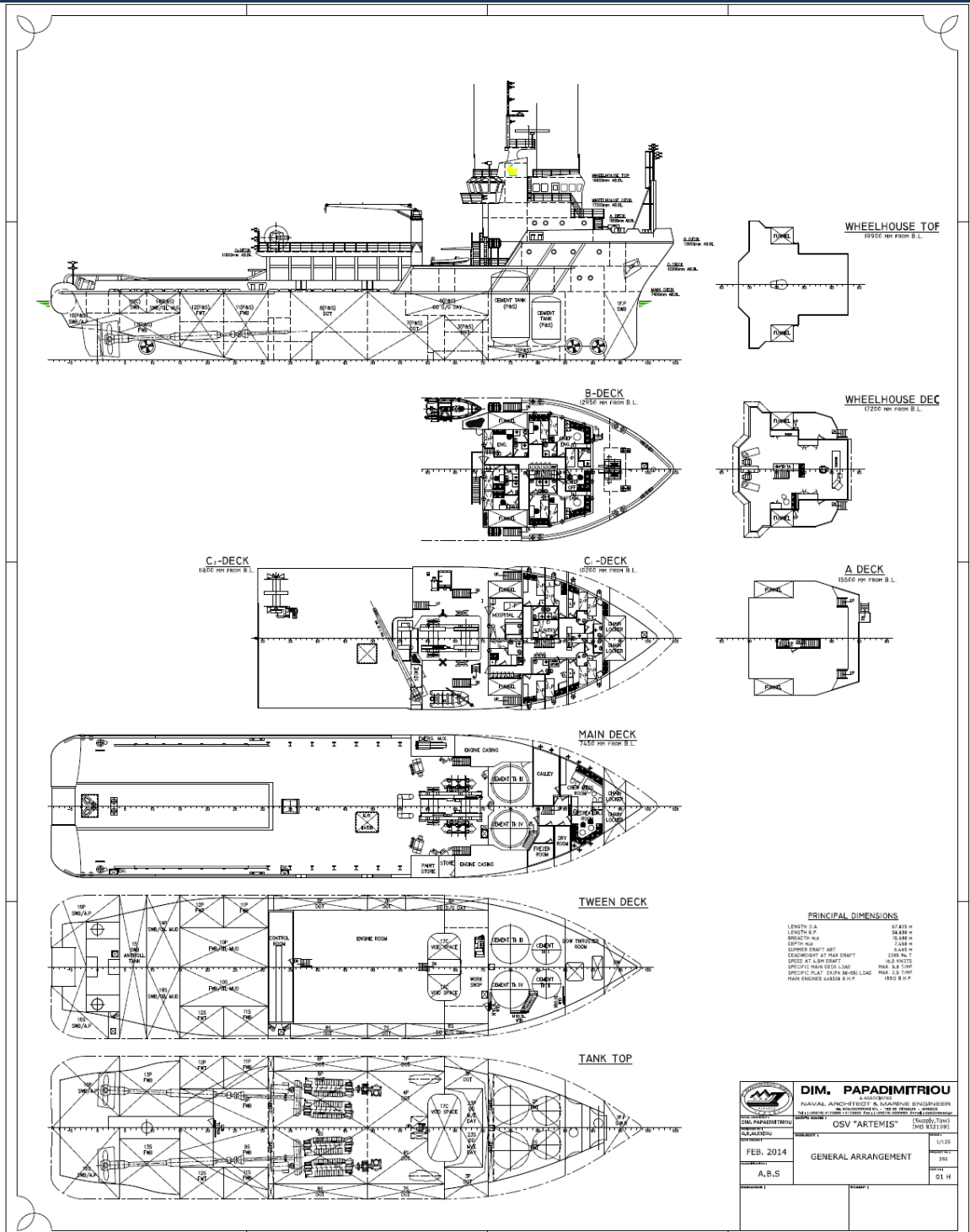
### NAVIGATION & COMMUNICATIONS

2 x Radars (S-Band & X-Band)  
1 x GPS Plotter  
1 x Gyroscopic Compass  
1 x AIS Unit  
2 x DGPS for Navigation  
GMDSS Approved Communications Systems

### LIFE SAVING – FIRE FIGHTING

4 x 25 + 1 x 15 Person Self Righting Liferrafts  
1 x Certified Fast Rescue Craft with Davit  
Life Saving Appliances for 30 persons  
Fire Detection & Alarm System  
Centralized FM200 Fire Suppression System in E/R & Bow Thruster Room

## GENERAL ARRANGEMENT



**Note:** All above information is without guarantee and subject to change at any time