

Atalanti

Cable Laying Vessel

Features

- DP 2
- 4,500T of cable in 1 or 2 turntables
- Shallow draught operation
- Beachable
- Spud-cans & 4-point mooring





Atalanti



The **Atalanti** is a DP-2 Cable Laying Vessel that has been specially designed and engineered for cable laying and protection works in shallow waters, which are not normally accessible by large cable laying vessels. She can handle at least 4,500 tons of cable in one or two electro-hydraulically operated Turntables, on a maximum draught of 4.26 meters.

High-standard accommodation facilities for a total of 77 persons are provided, offering ideal hotel facilities for lengthy projects in remote areas of the world.

The vessel is fitted with an ABS-certified Class II Dynamic Positioning System which controls the vessel's five (5) 1,000 HP Azimuthing thrusters and one (1) 2,400 HP Voith Schneider Propulsor.

The vessel also features two (2) specially designed "spud cans" for position keeping redundancy while operating in shallow waters and a 4-point mooring system consisting of four 30-Ton pull anchor winches (2 fore and 2 aft) each fitted with 800m of wire rope and a 5t Flipper-Delta anchor.

General information

IMO Number	8661616
Classification	ABS ✕A1, Barge, DPS-2
Flag	Greece
Hull built	China, 2008
Powered and outfitted	Greece, 2010
Major conversions	Greece, 2012 & 2014
Length Overall	96.99m
Breadth Moulded	31.46m
Depth (Main Deck)	5.50m
Draught (Maximum-Hull)	4.26m
Draught (Maximum – Thrusters Down)	6.46m
Gross Tonnage	5,897
Deadweight	5,973T



Power & Thrusters

Bow Thrusters	1 x Azimuthing, 1,000HP 2 x Azi/Tunnel, 1,000HP each
Stern Thrusters	2 x Azimuthing, 1,000HP each 1 x Voith Schneider, 2,400HP
Thruster Prime Movers	5 x Cat 3508B, each 820kW 1 x Cat C280-6, 1,850kW
Aux. Generators	3 x Caterpillar C-18, each 425kW 2 x Caterpillar C-32, each 910kW
Em'cy Generator	Caterpillar C4.4, 95kW



Anchoring Systems

Spud-Cans	2 off, port side, for 7m WD / 5Bf
Anchors	4 x Flipper Delta, each 5t
Anchor Winches	4 off, each 30t pull / 80t holding
Anchor Cables	4 x wires, 800m length each



D.P. System

Maker	Kongsberg Maritime
Type	KPos 21 with C-Joy (DP-2)
ERN Number	97, 96, 85
Sensors	3 x Gyro Compass 1 x Kongsberg SeaPath 380 3 x MRUs 3 x Wind Sensors
Position Reference Units	3 x DGPS with Sat. Corrections 1 x Kongsberg HiPAP-501 1 x KM Laser SpotTrack 1 x LTWS Bandak

Survey Systems

EIVA NaviSuite	1 x NaviPac , NaviScan online 1 x NaviModel , NaviEdit 3 x NaviPac Remote Stations
Time	1 x ATTU (Accurate Time Tagging) 1 x PPS Distributor
Network	Moxa Nports Fiber Optics , Lan & Serial connections through all Stations
CCTV System	Full coverage of deck areas with surveillance & recording stations



Cable Handling Equipment

Turntables	1 x 4,500T (22m OD / 6m ID) 1 x 2,500T (16m OD / 6m ID)
Cable Tensioners	1 x 20T Articulated LCE 1 x 10T Articulated LCE
Cable Chutes	Single, adaptable, 5M Radius
Cableways Radius	5M all over
Cable Pick-up arms	3 off, c/w wheel pairs

* Equipment is added and/or modified as required for each cable laying project.



Tank Capacities

Fuel (MGO)	abt. 750MT
Fresh Water	abt. 430MT (Production 17T/D)
Ballast Water	abt. 4,000MT



Lifting Appliances

Aft work cranes	1 x Knuckle Boom 35T @ 20m 1 x Palfinger 1.2T @ 12m
Forward work crane	1 x Telescopic Boom 6.8T @ 25m / 20T @ 11.5m
Provision Crane	1 x Fixed Boom 2MT @ 10m



ROV Installed

Owner / Operator	Asso.subsea Ltd.
Position	Aft, port side
Type / Class	Work class
Maker / Model	SMD Atom
Power	100hp



Accommodation

Total POB	77
Cabins	2 x Suites 13 x Single Cabins 31 x Double Cabins
Mess Room	
2 x Saloons	
4 x Offices	
Conference Room	
Hospital	
Gymnasium	
Changing / Washing Room	
Duty Mess / Smokers' Room	
Boat Landing (removable type) for CTVs	

 **Communications**

FBB500 Satellite Telephone

1 x Ku Band V-Sat System w/Land Line

1 x 4G Connection for Welfare

1 x Satellite TV System

GMDSS Plant as required for A3 Area



Life Saving Arrangements

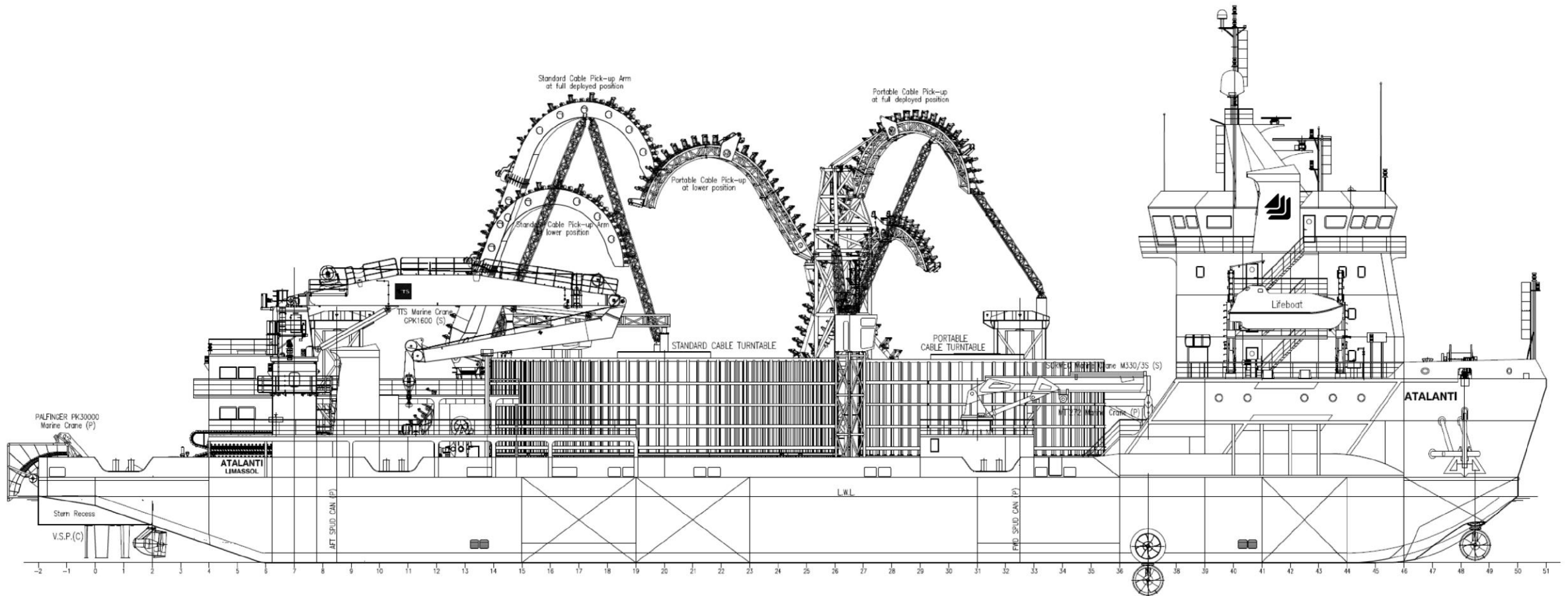
Life Boats 2 x 40 Persons

Rescue Craft Starboard-side life boat

Life Rafts 4 x 25 Persons, throw-overboard

Other LSA As required by the SOLAS Convention







Name “Atalanti”

The "Atalanti" (Greek: Αταλάντη / *Atalántē*) is named after the ancient Greek mythological heroine of the same name, said to have been the fastest runner amongst the mortals and the only female crew member of the Argo during Jason's mythological quest of the golden fleece (the Argonautic Expedition).



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Disclaimer

The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Specifications are subject to change without any prior notification.