

Athena

Trenching Support Vessel

Features

- DP 3
- 275T Offshore Crane
- 170T A-Frame
- SAT & Surface Diving Systems
- SPS Certified
- 1,500T Cable Carousel (optional)





Athena

The **Athena** is a MarinTeknikk® MT6024 design DP-3 Trenching Support Vessel built for worldwide subsea operations, specially outfitted for supporting a variety of subsea trenching vehicles. She is also well equipped for cable laying and repairs as well as for diving, ROV, Survey and IMR work.

She features a unique twin-deck arrangement, a 150T AHC A&R winch combined with a stern-mounted 170T A-Frame with a stabilization scissor frame, a 275T offshore & subsea crane, a set of Anchor Handling and Towing winches, an integrated Saturated Diving System, a Surface Diving System and a Helideck.

The vessel has been built in Singapore in 2013, to the requirements of DnV Comfort Class (V-3) and is certified under the Special Purpose Ships Safety Code (SPS Code 2008) for up to 100 persons onboard.

She holds an extensive track record, on a variety of diverse subsea construction projects and she is well known in the market as a reliable and robust unit, capable of handling harsh environmental conditions.





General information

IMO Number	9624988
Classification	ABS A1, Offshore Support Vessel (SPS), AMS, ACCU, DPS-3, BWT, CRC(I), ENVIRO, HELIDK, HAB(WB)
Flag	Greece
Built	Singapore, 2013
Length Overall	111.20 m
Breadth Moulded	25.00 m
Depth (Main Deck)	10.20 m
Draught (Max.)	7.70 m
Gross Tonnage	11,197
Deadweight	5,200 T



Power & Propulsion

Main Generators	2 x Wärtsilä 9L26, each 2,810 ekW 4 x Wärtsilä 6L26, each 1,870 ekW
Emergency Gen.	Cummins KTA38-D, 910 eKW
Main Propulsion	2 x Wärtsilä CPPs, each 3,000 kW
Bow Thrusters	2 x Tunnel, each 1,500kW 1 x Tunnel 1,200 kW
Stern Thrusters	2 x Tunnel, each 1,200kW

Performance

Bollard Pull	110 MT
Normal Transit Speed	abt. 11 kn
Cons. on Normal Transit Speed	abt. 25 T/D
Economic Speed	abt. 9.0 kn
Cons. on Economic Speed	abt. 20 T/D
Port Consumption	abt. 3 T/D



D.P. System

Maker	Kongsberg Maritime
Type	KPos 21 & 11 with C-Joy (DP-3)
ERN Number	99,99,96,63
Sensors	3 x Gyro Compass 3 x MRU 5 3 x Wind Sensors
Position Reference Units	2 x DGPS with Sat. Corrections 1 x Kongsberg HiPAP-501 2 x BANDAK LTWS 1 x CySCAN

Survey Systems

EIVA NaviSuite	1 x NaviPac, NaviScan online 1 x NaviModel, NaviEdit 5 x NaviPac Remote Stations
Time	1 x ATTU (Accurate Time Tagging) 1 x PPS Distributor
Network	2 x Moxa Nports Fiber Optics, Lan & Serial connections through all Stations



Deck Facilities

Upper Deck Area	abt. 810 m ² – strength 10t/m ²
Main Deck Area	abt. 440 m ² – strength 5t/m ²
Anchor Handling Area	abt. 140 m ² – strength 15t/m ²
Wood Covered	Upper Deck
Stern Roller	3m Diameter
Main Winch	Double Drum, 200T Pull Force
A&R Winch	AHC, 150T Pull Force
Tugger Winches	3 x 10T, 1 x 20T, 1 x 5T
CCTV System	Full coverage of deck areas with surveillance & recording stations



Tank Capacities

Fuel (MGO)	abt. 1,350 MT
Fresh Water	abt. 1,050 MT (Production 55 T/D)
Ballast Water	abt. 5,900 MT



Lifting Appliances

Offshore Crane	TTS, Knuckle-Boom SWL 275MT @ 8.5m (4-fall) Whip Hoist 20MT @40m Man Riding.
A-Frame	170T SWL, complete with stabilizing scissor frame.
Auxiliary Cranes	2 x Melcal Folding Boom, each 2T @ 15m (winch) or 8T @ 4.9m (hook)



Personnel Transfer Systems

Boat Landing	Removable type
Helideck	22.2m Diameter



ROVs Installed

Number	1
Owner / Operator	Helix Robotic Solutions
Position	Port side, on deck
Launching method	A-Frame, over side
Type / Class	Work Class
Maker / Model	Triton XLX
Power	220 HP
Depth Rating	3,000m
Special Tooling	TBA



Diving Systems

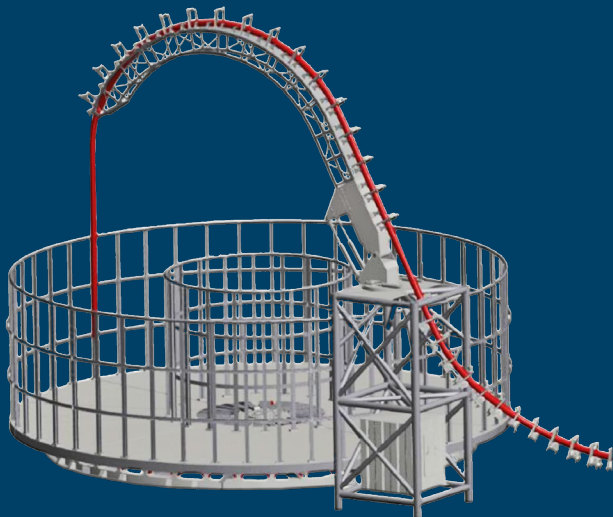
SAT Diving Spread	12 – person System 3 x Living Chambers 1 x 3-person diving bell
Air Diving Spread	1 x Air diving chamber 2 x Independent LARS



Cable Handling (Option)

Turntable	1 x 1,500T (16 m OD / min. 6 m ID)
Cable Tensioners	1 x 10T LCE*
Cable Chutes	2 x 3 m Radius*
Cableways Radius	5 m all over, except Chutes

** Equipment can be customized depending on the needs of each specific project*



Accommodation

Total POB	100
Cabins	4 x Suites 30 x Single Cabins 33 x Double Cabins
Mess Room (60 Seats)	
Coffee Corner	
3 x Saloons incl. one dedicated for Client use	
4 x Offices	
2 x Conference Rooms	
Hospital	
Gymnasium	
Changing / Washing Room (separate for male / female)	
Duty Mess / Smokers Room	
Internet Café	
Helicopter briefing room / lobby	



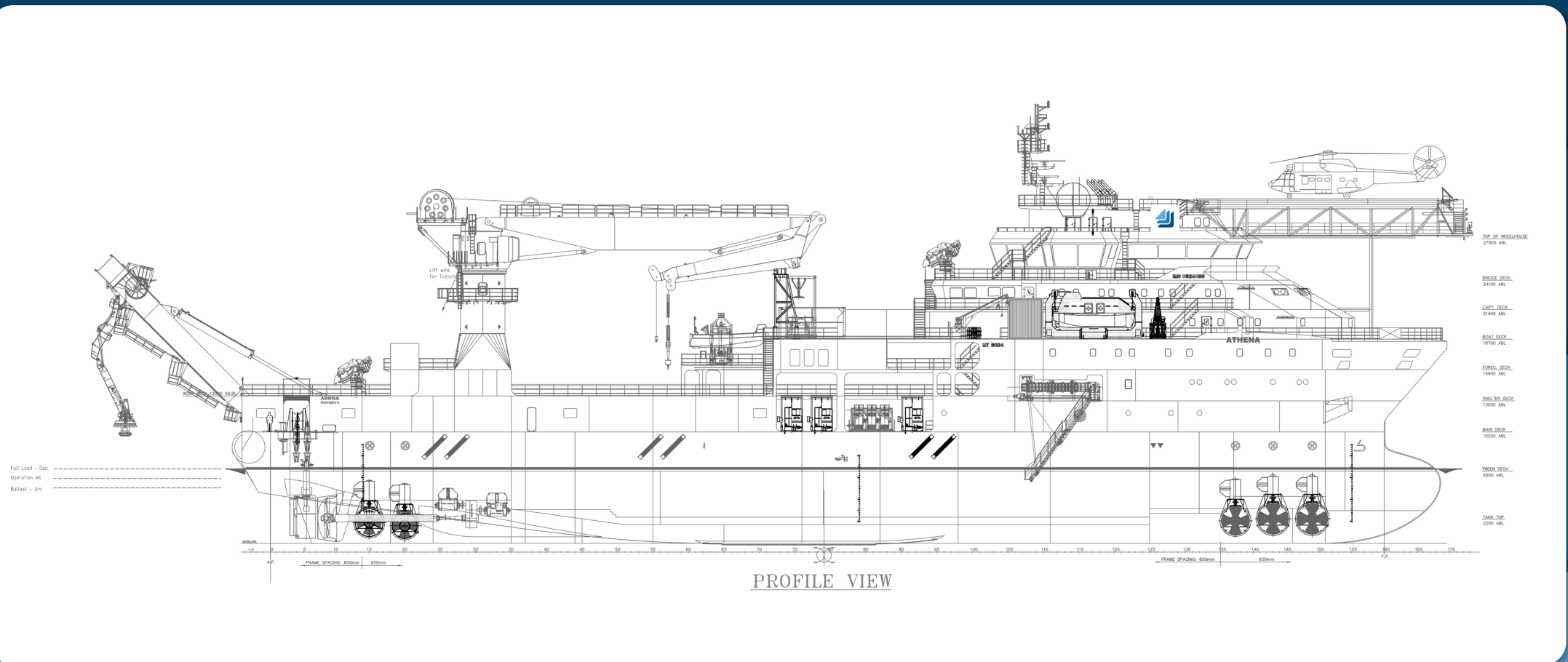
Communications

Satellite Telephone
2 x V-Sat System w/ Land Lines
Satellite TV System
GMDSS Plant as required for A3 Area



Life Saving Arrangements

Life Boats	2 x 68 Persons (1 each side) 1 x 22 Person Hyperbaric
Life Rafts	4 x 25 Persons
Other LSA	As required by the SOLAS Convention





Name “Athena”

The Athena (ə-thē'nə / in Greek: Ἀθηνᾶ) is named after the ancient Greek Goddess of the same name, who was associated with wisdom, handicraft and warfare. Athena was regarded as the patron and protectress of various cities across Greece, particularly the city of Athens, the current capital of the Hellenic Republic.



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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.

