

Six Anchor Handling Vessels

The Project Starfish new-buildings consist of six DP2 deep water anchor handling tug supply vessels (AHTS) of SALT design. These state-of-the-art vessels are built for deep water anchor handling and oilfield operations with reliability, safety and minimized environmental footprint as a top priority. Powered by five medium speed engines with total output of more than 23,000 horsepower, a fuel efficient and flexible hybrid propulsion system and fixed pitch on all side thrusters, these vessels provide good fuel economy, low emissions and excellent station keeping capabilities. Also designed for safe deck operations, the vessels are equipped with a multi deck handler system, anchor recovery frame, gypsy handling system and other aids. The expected delivery for all the Starfish AHTS vessels is during 2017.



Key vessel features

- Dynamic position class 2 (ERN 99.99.99.99)
- Hybrid propulsion system to optimize fuel economy
- 230 t bollard pull (minimum)
- 838 + 102 (covered) m² deck area
- 450 t drum anchor handling winch and 500 t double drum towing winches
- Two 170 t secondary winches
- 200 t anchor recovery frame
- Multi deck handler



New-building project Starfish

Classification

	+100A1 Offshore Supply Ship, Anchor Handling/Tug/Supply Ice class 1A FS Oil recovery Fire Fighting Ship 1 (2400 m ³ /hr) DNV Clean design
Dynamic positioning	DP2
Reference systems	1 x DGPS Kongsberg 1 x HiPAP Kongsberg 1 x Laser Kongsberg 1 x Radius Kongsberg
Motion reference units	2 x Gyrometer Sperry 1 x Motion sensor Kongsberg 3 x Wind sensor Gill

Deck Equipment

Anchor handling winch	1 x 450 t
Tow winches	2 x 500 t
Secondary winches	2 x 170 t
Chain lockers	2 x 286 m ³ + 2 x 322 m ³
Shark jaws	2 x 700 t
Stern rollers	2 x 4.0 m x 3.0 m
Stern roller SWL	2 x 625 t
Towing pins	2 x 300 t
Tugger winches	2 x 24 t + 2 x 15 t

ROV

Covered ROV garage for 1 x WROV

Dimensions

Length (LOA)	95 m
Beam	25 m
Depth	11 m
Draft scantling	8.7 m
Deadweight	4500 t
Gross tonnage	10273

Deck capacities

Deck load capacity	2500 t
Deck strength	10 t/m ²
Free deck area	838 + 102 (covered) m ²
Length	49.5 m
Width	21 m

Propulsion / Bollard pull

Main engines	23000 BHP
	2 x Wärtsilä W8L32
	2 x Wärtsilä W6L32
	1 x Wärtsilä W9L20
Thrusters	2 x CP main propellers 3 x bow tunnel 1580 BHP 2 x stern tunnel 1580 BHP
Bollard pull	230 t

Accommodation

Person capacity	52
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Tank capacities

Base oil	1555 m ³
Brine	1555 m ³
Drill/ballast water	2260 m ³
Dry bulk	347 m ³
Fresh water	1011 m ³
Fuel	290 m ³
Cargo fuel	2325 m ³
Oil based mud	620 m ³
Oil recovery	1880 m ³
	Including multi-purpose tanks

Fuel consumption per 24hrs

Maximum speed	47 t @ 16 kn
Eco speed	12 t @ 10 kn

**All figures and data believed to be correct, but not guaranteed*

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Contact information

For further information on vessel specifications, capacities or vessel availability, please do not hesitate to contact the Commercial Department at chartering@maersksupplyservice.com or +45 73 73 73 73