

2638 AHTS

*Multifunctional Anchor Handling Tug with DP I,
Ocean towage and handling of anchors and mooring lines*



GENERAL

| | |
|----------------|------------------------------------|
| Type: | AHTS / CPP Propeller |
| Built: | 1999, modified 2018 |
| Classification | 1A1 Tug SF E0 DYNPOAUT DK(+) HL2.5 |

AUXILIARY EQUIPMENT

| | |
|-------------------|------------------------|
| Generator sets | 2 x Scania 360 kW each |
| Fuel oil pumps | 80 m ³ /h |
| Fresh water pumps | 100 m ³ /h |

DIMENSIONS

| | |
|-----------------|--------------------|
| Length overall | 57.9 m |
| Beam overall | 15.0 m |
| Depth moulded | 5.5 m |
| Operating draft | 3.8 m |
| Deck area | 372 m ² |

TANK CAPACITIES

| | |
|-------------|--------------------|
| Fuel oil | 406 m ³ |
| Fresh water | 470 m ³ |

PERFORMANCE

| | |
|------------------|---|
| Bollard pull | 66 TBP |
| Economical speed | 9 knots @200 l/h |
| Maximum speed | 13.5 knots @800 l/h |
| Deck crane | Z-Marine, 25 Te capacity at 22 m |
| Aux deck crane | AKC 145 HE4, 9 Te at 11 m |
| Deck capacity | 5 Te/m ² , 10 Te/m ² at stern |

DECK EQUIPMENT

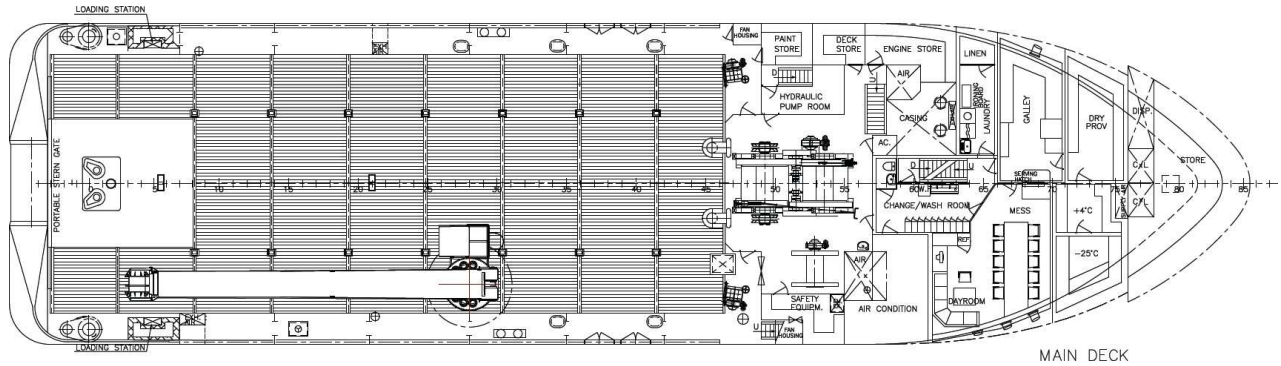
| | |
|----------------------|---|
| Towing / AH winch | 150 Te pull / 250 Te brake with two drums and capacity of 1400 m wire 56 mm. |
| Tugger winches | 2 off winches 5 Te pull |
| Storage drum | 1 x wire |
| Shark jaws | 2 x Karm forks |
| Smith towing bracket | 200 Te SWL at forecastle |
| Chain gypsy | 2 x for Ø = 76 mm chain |
| Capstan | 2 x 10 Te |
| Rig chain lockers | 2 x 53 m ³ |
| Stern roller | Ø = 2 m, L = 4 m |
| Fast Rescue Craft | MP660 Springer |

PROPULSION SYSTEM

| | |
|-----------------|--|
| Main engines: | 2 x Bergen KRMB-9 5.440 bhp in total |
| Propulsion: | 2 x CPP Rolls Royce 600 AGSC-KP/500 ND |
| Bow thrusters: | 2 x 700 bhp, 8.25 Te thrust each |
| Stern thruster: | 1 x 700 bhp, 8.25 Te thrust |

ACCOMMODATION

Air-conditioned accommodation for 24 persons including vessel crew. Client cabins, meeting rooms and facilities for coordinating projects.



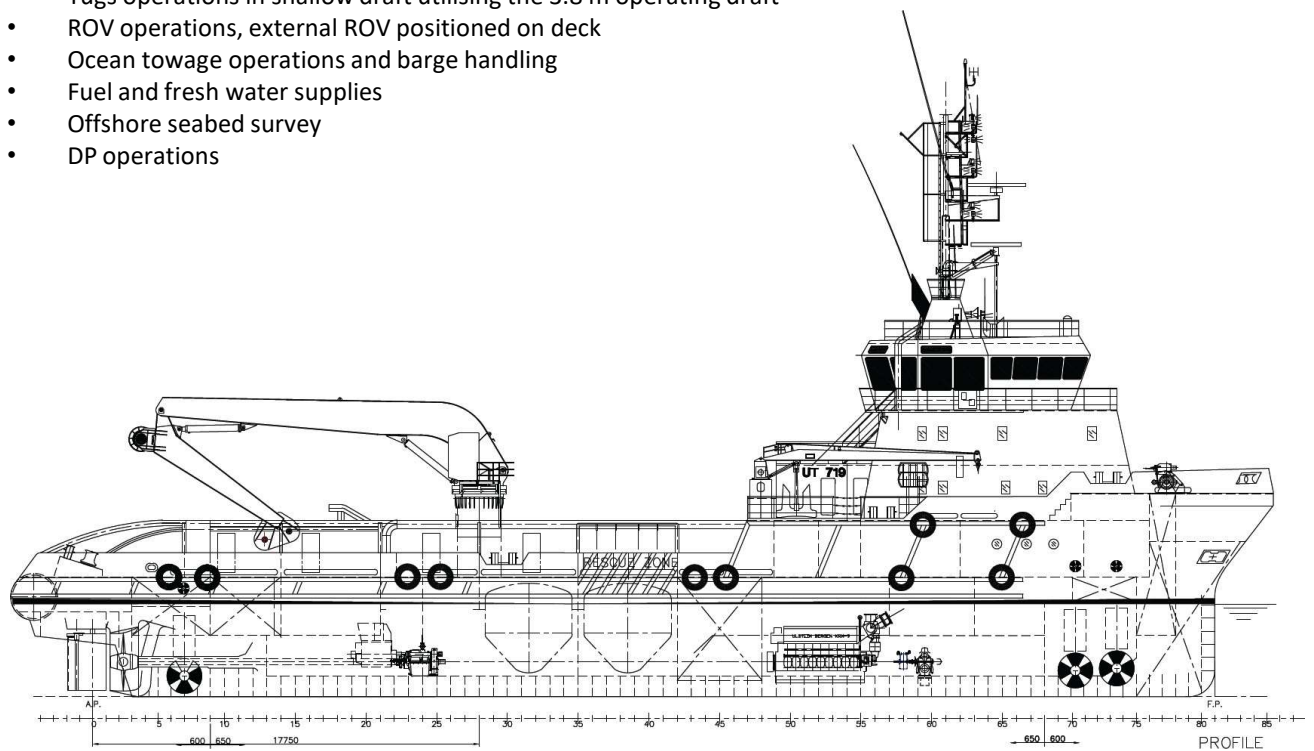
GENERAL ARRANGEMENT

Large deck with crane reach to stern roller and wood protection for safe and efficient load-out, seafastening and transportation. Chain lockers for safe chain handling and additional capacity when transporting mooring spreads.

SCOPE OF WORK

Built for the following types of work:

- Project work with office facilities for managing operation and client meetings
- Mooring system transportation, pre-installation and hook-up of vessels in lay up or rigs at yards
- Cargo runs offshore and transportation of large equipment utilizing deck and internal cranes
- Infield support vessel, offshore standby, emergency response and MOB/FRC duties
- Tugs operations in shallow draft utilizing the 3.8 m operating draft
- ROV operations, external ROV positioned on deck
- Ocean towage operations and barge handling
- Fuel and fresh water supplies
- Offshore seabed survey
- DP operations



SIDE VIEW

Deck crane raching to stern roller with 25 Te capacity (at 22 m radius). Auxiliary deck crane with 9 Te capacity at 11 m located midship. Two bow thrusters and one stern thruster in addition to main engines providing DPI capacity. Excellent overview of deck operations from bridge.