



IMO 9439943

## Anchor Handling Tug Supply Vessel

The enhanced design MOSS 424h AHTS delivers a wide variety of offshore and marine services of which Anchor Handling, Towing, Heading Control, Supply, Firefighting (Class 2), Standby and Oil Recovery duties are only some.

Extensive pipelay barge anchor handling duties have proven the reliability and outstanding advantage of the design. This performance is delivered by our highly skilled crew onboard each vessel.

### Key Aspects

- ✓ ABS classed AHTS
- ✓ > 200t continuous bollard pull
- ✓ Dynamic Positioning Class 2
- ✓ Oil Recovery Capability
- ✓ FIFI Class 2
- ✓ 450t stalling pull Hatlapa AH / Towing winch

### Fleet

- ✓ GH Challenger
- ✓ GH Columbia
- ✓ GH Discovery
- ✓ GH Endeavour
- ✓ GH Enterprise
- ✓ GH Explorer
- ✓ GH Freedom
- ✓ GH Liberty
- ✓ GH Navigator
- ✓ GH Pathfinder
- ✓ GH Voyager



# Classification

ABS + A1, Towing Vessel, Fire Fighting Class 2,  
Offshore Support Vessel AH, Oil Recovery  
Capability Class 1, AMS, ACCU, DPS-2, TCM

Dynamic positioning: Kongsberg K-Pos DP2  
Reference systems: Ultrasonic wind sensors 3x  
Motion reference unit (MRU)  
3x / DGPS 2x / RADIUS 1x  
Fan beam laser 1x  
Gyro compass 3x  
Spot beam DGPS  
correction signals

# Dimensions

Length Overall: 76.50 m  
Length b. P.P.: 67.40 m  
Breadth Moulded: 17.50 m  
Depth Moulded: 8.00 m  
Draught Max: 6.90 m  
(+ 0.72 m Skeg)  
Design Draught: 5.50 m  
Deadweight: 3000 mt  
Gross Tonnage: 2922 mt  
Net Tonnage: 953 mt

# Propulsion System

Main Engines: 4x MAK or MAN ME with  
3000 kW each, 12000 kW  
16320 bhp total  
1x Bow Azimuth thruster: 900 kW (1224 bhp)  
1x Bow Tunnel thruster: 900 kW (1224 bhp)  
1x Stern Tunnel Thruster: 900 kW (1224 bhp)  
2x CPP Propellers in kort nozzles with Becker type  
flap rudders  
Service Speed: 12 knots  
Max Speed: 17 knots  
Bollard Pull: >200t cont.

# Deck & Tanks

Deck Space: 40 m x 15 m = 600 m<sup>2</sup>  
Permissible Load: 10 t/m<sup>2</sup> & 1000 t in total  
Dry bulk in 4 tanks: 231 m<sup>3</sup>  
Fresh water: 1096 m<sup>3</sup>  
Fuel (excl. Mud t.): 1111 m<sup>3</sup>  
Chain lockers x 4: 540 m<sup>3</sup>  
Base Oil: 182 m<sup>3</sup>  
Brine: 561 m<sup>3</sup>  
Mud (WBM / OBM): 561 m<sup>3</sup>  
ORO: 1025 m<sup>3</sup>

# Anchor Handling & Towing Equipment

One of: Hatlapa towing / anchor  
handling winch  
waterfall type 4500  
450 t stalling pull  
550 t brake holding

Consisting of

AH Drum: 1300 / 3200 mm dia.  
4650 mm  
2500 m of steel wire 83 mm  
Tow Drum Port: 1300 / 3200 mm dia.  
1600 mm  
1200 m of steel wire 83 mm  
Tow Drum Stbd: 1300 / 3200 mm dia.  
1600 mm  
1200 mm

Secondary Winch: 1300 / 4500 mm dia.  
4600 mm  
3600 m steel wire 83 mm  
1600 m synthetic rope 200 mm  
Pocket: 1300 m steel wire 83 mm  
250 m synthetic rope 200 mm  
Stalling pull of 130 t  
Chain cable lifters: 2x 76 mm & 2x 84 mm onboard  
to locker rig chain  
Karm Forks: 2 sets at 650 t  
Towing Pins: 2 sets with rotating lips for vertical  
locking and 250 t  
Stern Roller: 3500 mm dia. and 6000 mm long  
at 550 t downward pull  
Cranes: Forward SWL 5 t @ 18 m boom  
Aft crane SWL 3 t @ 15 m boom  
Tuggers & Capstans: 2x 170 kN Tug. & 2x 100 kN Cap.



# Accommodation

1 Man Cabin:	12 x 1 = 12
2 Man Cabin:	5 x 2 = 10
4 Man Cabin:	2 x 4 = 8
Total:	30


# Rescue Boat


1x waterjet engine FRC; 6 persons; >25 knots



# Engage With Us

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# Contact

For further information on vessel specifications, capacities or vessel availability, please do not hesitate to contact the Commercial Department at [ops@uos.ag](mailto:ops@uos.ag) or +49 491 999 190-0

Note: All details believed to be correct but not guaranteed and subject to alteration.