



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 3x / RADIUS 1x
Fan beam laser 1x
Gyro compass 3x
Spot beam & Inmarsat 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 m²
Permissible Load: 10 t/m² & 1000 t in total
Dry bulk in 4 tanks: 231 m³
Fresh water: 1096 m³
Fuel (excl. Mud t.): 1111 m³
Chain lockers x 4: 540 m³
Base Oil: 182 m³
Brine: 561 m³
Mud (WBM / OBM): 561 m³
ORO: 1025 m³

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
1300 m steel wire 83 mm
250 m synthetic rope 200 mm
Stalling pull of 130 t

Pocket:

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



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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 or +49 491 999 190-0

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