

# AHTS



## Main Particulars

Length Overall	226.2 ft / 69.0 m
Depth	23.0 ft / 7.0 m
Light Draft	13.62 ft / 4.15 m
Loaded Draft	19.4 ft / 5.9 m
Deadweight	2,342 Lt / 2,380 Mt
Tonnage (ITC) GRT	2,085

## Cargo Deck

Tonnage	885.8 Lt / 900.0 Mt
Strength	1,024.1 Lb/ft <sup>2</sup> / 5.0 Mt/m <sup>2</sup>
Length	123.0 ft / 37.5 m
Width	43.3 ft / 13.2 m
Clear Area	5,382.0 ft <sup>2</sup> / 500.0 m <sup>2</sup>

## Capacities

Fuel Oil	218,919 USG / 829 m <sup>3</sup>
Potable Water	257,991 USG / 977 m <sup>3</sup>
Drill Water	278,887 USG / 1,056 m <sup>3</sup>
Water Ballast	278,887 USG / 1,056 m <sup>3</sup>
Liquid Mud	116,157 USG / 440 m <sup>3</sup> - 2,766 BBLs
Dry Bulk	7,914 ft <sup>3</sup> / 224 m <sup>3</sup>
Brine	121,308 USG / 459 m <sup>3</sup> - 2,888 BBLs

## Discharge

Rates Fuel Oil	52,834 USG/hr. / 200 m <sup>3</sup> /hr.
Potable Water	52,834 USG/hr. / 200 m <sup>3</sup> /hr.
Drill Water	52,834 USG/hr. / 200 m <sup>3</sup> /hr.
Water Ballast	34,342 USG/hr. / 130 m <sup>3</sup> /hr.
Liquid Mud	33,022 USG/hr. / 125 m <sup>3</sup> /hr.
Brine	19,813 USG/hr. / 75 m <sup>3</sup> /hr.
Dry Bulk (Free Air)	1,624 ft <sup>3</sup> /Min. / 46 m <sup>3</sup> /Min.

## Machinery

Main Engines	2 x Bergen BRM9, 5,400 HP (4126 kW) @ 750 RPM
Aux. Generator	2 x CAT 3406, 320Kw-450V-60Hz
Total Installed Power	10,800 HP / 8053 kW
Emergency Generator	1 x CAT 65 KW-450V-60Hz
Bow Thruster #1	2 x 590 KW tunnel thrusters type 150-TV
Stern Thruster #1	2 x 590 KW tunnel thruster type 150-TV
Propellers	2 x 3900mm CPP Rolls-Royce 1500 AGSC
Rudders	2 x High lift independent with flaps

## Deck and Anchor Handling

Anchors	2 x 2460 kgs plus one spare
Winch Model	Ulstein Brattvaag, triple-drum waterfall, hyd. 300 t
Winch Capacity Drum #1	SPOOLING DRUM 3 x 1500 m of 76 mm, 7.6 t pull, 0-48 m/min
Tugger Winch #1	2 x Brattvaag hydraulic 10 t, 0-38 m/min
Stern Roller	5.0 m x 2.5 m diameter, 450 t SWL
Towing Pins	4 x hydraulic retractable, 240 t SWL

## Performance

Maximum Speed	16.0 Knots
Economical Speed	10.0 Knots
Bollard Pull	133 MT

## Accommodation

Cabins	12
Berths	19
Crew Capacity	16
Passengers	3
Single Cabins	5
Officer Mess	1
Crew Mess	1
Offices	1

## Rescue Capabilities

FRC #1	MOB FAST RESCUE CRAFT 1 x Norsafe MK-II 24hp
FRC #2	RESCUE ZONES / NETS 2 and 2

## Electronics & Controls

ERN	98.3 : 98.5 : 71.9
Dynamic Positioning	Class 2
DP System	Rolls Royce ICON, RR Poscon Joystick fore and aft
DP Reference #1	DGPS 2 x CNAV 3050
Gyros	3 x TTS Meridian
Radar #1	CYSCAN
Radar #2	3 cm and 1 x 10 cm ARPA Raytheon
Radios	3 x Furuno FM-8700 / 4 x Motorola GP-900
GMDSS	A1 + A2 + A3
Depth Sounder	Furuno FE-700
Navtex	Furuno N-300

## Special Equipment

Fire Monitors	2 x 1,200 m <sup>3</sup> /hr
Foam Fire Fighting	2 x 1,500 m <sup>3</sup> /hr
Oil Dispersant	Yes
Crane #1	ABAS knuckle type 2 t at 13 m reach
Crane #2	ABAS knuckle type 2 t at 13 m each (Deck Crane)

## Documentation

Class	I ✕Hull ✕Mach ✕AUT-UMS, ✕MON-SHAFT, ✕DYNAPOS AM/AT R Tug Fire fighting ship Special service - ANCHOR HANDLING TUG
Flag	Marshall Islands
Build Year	2003
Builder	Brevik Construction A/S, Brevi