



AHTS

Built: 2003
LOA: 69 m
DPS: Class 2
Classed: FiFi-1
BP: 133 T
Location: UAE
Owners Asking Price : US\$ 6.5m

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

Cargo Deck

TONNAGE	885.8 Lt	900.0 Mt
STRENGTH	1,024.1 Lb/ft ²	5.0 Mt/m ²
LENGTH	123.0 ft	37.5 m
WIDTH	43.3 ft	13.2 m
CLEAR AREA	5,382.0 ft ²	500.0 m ²

Capacities

FUEL OIL	218,919 USG	829 m ³	
POTABLE WATER	257,991 USG	977 m ³	
DRILL WATER	278,887 USG	1,056 m ³	
WATER BALLAST	278,887 USG	1,056 m ³	
LIQUID MUD	116,157 USG	440 m ³	2,766 BBLs
DRY BULK	7,914 ft ³	224 m ³	
BRINE	121,308 USG	459 m ³	2,888 BBLs

Discharge Rates

FUEL OIL	52,834 USG/hr.	200 m ³ /hr.
POTABLE WATER	52,834 USG/hr.	200 m ³ /hr.
DRILL WATER	52,834 USG/hr.	200 m ³ /hr.
WATER BALLAST	34,342 USG/hr.	130 m ³ /hr.
LIQUID MUD	33,022 USG/hr.	125 m ³ /hr.
BRINE	19,813 USG/hr.	75 m ³ /hr.
DRY BULK (Free Air)	1,624 ft ³ /Min.	46 m ³ /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 m3/hr
FOAM FIRE FIGHTING	2 x 1,500 m3/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
BUILD YEAR	2003

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