

AHTS

General Particular

Built: October 2007

Port of Registry & Flag: Panama

DIMENSIONS

Length 55.0 m
Breadth 13.80 m
Draft (max) 4.75 m

GRT/NRT 1160 T / 348 T

CARGO CAPACITIES

Deadweight 1151.9 T at 4.76m draught
Displacement 2261.47 T
Light Vessel 1109.57 T
Deck Cargo 500 Tons
Clear Deck Space Total Area 330.6m²

Deck Strength 5 tons/m²
Fuel Oil 427m³
Fresh Water 462m³
Liquid Mud 142m³
Fresh Water Ballast tank 180m³
Dry Bulk 4 tanks @ 113m³ max weight SG 2.5

MACHINERY & PROPULSION

(Speed & Cons is estimate subjective to various conditions not limited to good weather, Tow draft / hull condition etc)
Main Engine 2 x Caterpillar 3516B each 2375 BHP
Propellers Berg - Controllable Pitch Propeller
Max Bollard Pull 65.00 tons
Bow Thruster Kawasaki CPP electric motor driven
Thrust 5.0t tons 315 kw 422 HP
Generators 3 x diesel generator Cat 3406C each 245 kw
Alternator
Maximum Speed / Cons 12 knots / About 12.0t/day
Economical Speed / Cons 10 knots / About 10.0t/day
Type of Fuel LSMGO
Rudders 2 coupled, "spade" rudders

Oily water separator Taiko Kikai

NAVIGATION EQUIPMENT

D.G.P.S. Ser.No:4415-131 Furuno GP-150D
Echo Sounder Ser.No:6140 Furuno FE 700
Doppler Speed Log S.No: 2210-3766 Furuno DS 80
Magnetic Compass No: P3191 Saura MR-150
Gyro Compass S.No: 8669 GC-80/85 Simrad
Chart Plotter S.No:4414-0506 GP 3500F Simrad
ARPA Radar S.No: 3376-5014 Furuno FR-2115
Radar 2 S.No: 4330-1610 Furuno 1942 Mk 2
AIS S.No: 35513189 Furuno FA-150
Joystick MT Bridgemate JX

Wind Anemometer S.No: WT 15694 Young

ACCOMMODATION

Crew (30 Total) 2 x single, 2 x 2 berth, 6 x 4 berth cabins
Hospital / First Aid single berth
Cold store 8.5m³ at -20°C
Chiller store 11.3m³ at +4°C

COMMUNICATION EQUIPMENT

GMDSS Area A3
Radiotelephone MF / HF Transmitter Furuno FS-2570C S.No:006231
MF/HF DSC terminal Furuno FS-2570C
VHF 1 Radiotelephone Furuno FM-8800S S.No:5037
VHF 1 Radiotelephone Furuno FM-8800S S.No:5036
Navtex Furuno NX700A S.No:001710
Inmarsat C 1.-S.N:3533-7110, 2.-7115 Furuno Felcom 15
Mini M Phone/Fax/Data(76TT02E13250) GLOBE WIRELESS Classi

SART(2X) 2 x McMurdo S4
EPIRB GME MT-603 FG
Internal Comm. System Phontech / Vingtor (T.1500 S.No:556)
Handheld VHF Marine ops. ENTEL 1. S No:JHI26217
2.S No:SHS08840
3.S No.KJYQ31033
4.S No.KJYQ31055
5.S No.KJYQ31029
6.S No.KJYQ31059

Email master.netra@stationsatcommail.com
Handheld VHF (3x) GMDSS IC-GM 1600
1. S.No:2301427
2. S.No:2301428
3. S.No:2302290

DECK MACHINERY

Towing/A.H. Winch 75 tones line pull with 150 t Brake holding
c/w spooling gear 700m x 52mm dia.
Main Towing Drum 900m x 56mm dia.
Anchor Handling Drum 650m x 60mm dia.
Powered Storage Reel Karmoy (SWL 200t)
Shark jaw & towing pins
MEP-SJH-200 S.No: SJH-037-1
MEP-TPH-200 S.No: TPH-037-1
Length: 5m, diameter 1.6m (SWL 200t)
29m x 11.4m = 330.6m²

Stern roller
Deck Area

Tugger winches 2 x 10t pull at 14m/min
Capstans 2 x 5t pull at 15m/min.

Deck Stanchions 10 in total

Windlass Electro-hydraulic 5t at 12m/min
Anchors/Chain 2 x 1590 kg AC14 c/w 880m at 34mm dia.12 shackles

CARGO PUMP & DISCHARGE RATES

Dry Bulk 2 compressors each 20m³/hr with driers
Fuel Oil 1 x 100m³/hr at 75m.i.c
Drill Water 1 x 100m³/hr at 75m.i.c
Fresh Water 1 x 100m³/hr at 75m.i.c
Liquid Mud Discharge capacity 2 x 48m³/hr @55m head
Discharge stations Midships and aft Port and Star.
Couplings Camlock 5" 4" and 3"
Metering Devices Nitto Seiko on Fuel and Water

Sewage Treatment Sewage plant for 30 persons

LSA & FFA

External Fi Fi Class 1 with Water/Foam
Fixed Fi Fi CO2 fixed fire fighting system Vessel
Rescue Boat SOLAS Rescue boat