



WORLD CARRIER CORPORATION

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AHTS DEFIANT

Year

2006

Flag

Panama

Builder

Wuchang, China

Class society

DNV

Class notation

DnV + 1A1. Tug Supply Vessel. SF. E0. FiFi 1. DPS2 Dk(+). HL (2.8). Oil Rec. Tmon.

IMO number

9307308

Length OA

69.60m

DWT

2,298T

Length BPP

61.20mt

Breadth moulded

17,00mt

Depth moulded

7,30mt

Gross tonnage

2.765T

Net tonnage

897T

Maximum draft

6.20mt

Working Clear Deck - space

455sqm

Working Clear Deck - length x breadth

33,00mt x 13,80mt

Max Deck Cargo

850T

Deck loading / STERNGTH

5-10 tonnes / m2(aft frm 25)

Fuel Oil

746.3cbm

Fresh Water

467.4cbm

Drill Water

1058.3cbm

Bollar pull continuous

151 T

Main Engines

2 x Wartsila W9L32: 9 cyl in line marine diesel engines each developing 6000 BHP @ 750 rpm each driving 1,440 kW shaft alternator and CP propeller with nozzle and independent flap rudder Total developed power 9,000 kW (12,240 bhp)

Drive type (Direct/Diesel Electric) Either engine to operate in Diesel Electric mode driving both propellers. One propeller via direct drive the other via the combined shaft alternator / electric motor

Total power (BHP)
12,240

Rudders
2 x Independent flap rudder

Bow thruster(s) (number and BHP)
2 x 610 kW

Stern thruster(s) (number and BHP)
1 x 610 kW

Shaft generator
2 x 1,440 kW

Diesel generator
2 x 320 kW

Emergency generator
1 x 250 kW

Fuel type - (MGO / IFO / HFO)
MGO

Winch Type - Double/Triple Drum
LP Hydraulic 1,500 m x 76 mm dia.

Winch - Pull Rating
350 T & 1,000m on drum 169T pull @ 19.2m/m14mt/min

Winch - Brake Rating
450T

**Cable Lifters supplied 1 x 76 mm + 1 x 89 mm
Deck Roller Adjustment 58 mm to 102 mm chain**

Anchor Handling Drum(s) wire capacity
No.1 3,500 m x 86 / 5,090 m x 76
No.2 2,100 m x 76 mm dia.

Towing Drum wire capacity
1,500 m x 76 mm

Tow wire - length / diameter
Pennant Wire Winches 2 x 2,000 m x 76 mm wire

Spare tow wire - length / diameter
1 x 1,500 m x 76 mm wire

Tugger Winch (number / capacity / rating)
2 x 15 t hyd.

Capstan
2 x 10 t hyd.

Rig chain lifters (Gypsies)
Rig Cable Lifters 330 tonnes pull @ 7.9 m/m
Cable Lifters 1 x 76 mm + 1 x 89 mm

Chain lockers
Rig Chain Lockers 305 m3 - (10,778 ft3)

Stern Roller
5.0 m x 2.4 m dia. SWL 500 tonnes

Towing Pins (type and number)
Towing Pins 4 x 300 t SWL retractable
Towing Pins 2 x 95 t SWL pop up pins
(hydraulic operated from wheel house)
Towing Eye 113t SWL hinged / recessed
Smit Bracket 175t SWL

Karm Forks - (type and number)
2 x 450 t SWL retractable

Crane
Duties on boom hook 5 t SWL @ 15 m radius
Offshore on winch hook 2 t SWL @ 15 m @ 40 m/min

Fuel oil cargo with meter
2 x 250 m3/hr @ 9 bar

Potable water with meter
1 x 150 m3/hr @ 9 bar

Drill water
1 x 150 m3/hr @ 9 bar

Dry bulk compressors
2 x 29.5 m3/min @ 6.5 bar

Liquid mud
2 x 75 m3/hr @ 21 bar

Brine
1 x 75 m3/hr @ 21 bar

Base oil
1 x 75 m3/hr @ 9 bar

Trial Speed
15.72 knots

Service Speed
10-13 knots

Crew
24

Accommodation
Single Berth Cabins 2 suites + 10 en-suites
Two and Four Berth Cabins 2 x 2 + 2 x 4

Hospital
1 bed hospital

Rescue Boat
5.3 metres MOB Rigid Inflatable

Life saving appliances For 24 persons

Joystick (Yes / No)
Yes

DP
Class2

DP type
Kongsberg KPosn DP-21

Reference Systems
Fan Beam Laser + DGPS.

**Radar 1 x S Band ARPA Type
Radar 1 x X Band ARPA Type**

Navigating
GPS / DGPS 1 x GPS + 1 x DGPS

Gyro Compass
2 x Gyros

Autopilot, Echo Sounder, Doppler Log, GMDSS
Sea Area A3, Navtex Receiver 518 kHz, VHF
Marine Radio
2 x VHF's, VHF Handheld 4 x VHF's, UHF
Handheld 6 x UHF's