



Name of Vessel CHAKA

Port of Registry / Flag

La Guaira / Venezuela

IMO Number / MMSI

9407744 / 775994470

Year of Delivery

2006

Type

Twin Screw Ocean Going Tug.

Classification

Bureau Veritas.

Tug (Unrestricted Navigation)

Length over all (LOA)

27.48m (24.78m BP)

Breadth / Depth / Draft (Light/Max)

9.0m / 4.5m / 3.27m / 3.8m

GRT / NRT / DWT

252T / 75T / 300T

Clear Deck Space

70m²

Speed

12.0 knots

Bollard Pull (Certified)

41.4 metric tonnes

Endurance

21 days

Accommodation

Fully heated & air conditioned for 12 men in four cabins.

Lifesaving

To meet SOLAS requirements

Fire Fighting

To meet SOLAS requirements

Fuel

169.2m³

Fresh Water

37.7m²

Treated Sewage holding tank

38.6m³

Main Engines

2 x YANMAR 8N21A medium speed, eight cylinder diesel engines producing 2354kW (3157bhp) total @ 850 rpm.

Generators

2 x 139kW (162.5KVA) Stanford UG M274HI driven by 2 x Volvo D7A-ATA diesel engines @ 1500 rpm

M.E. Consumption

8,000 litres MGO and 20 litres lube oil per 24 hours @ full power. 5,000 litres MGO and 10 litres lube oil per 24 hours @ economic cruising speed of 10 knots

Generator Consumption

240 litres MGO and 4 litres lube oil per 24 hours

Propulsion

2 x YANMAR YXH 200C 3.031:1 reverse reduction gearboxes coupled to four bladed 2300mm diameter fixed pitch propellers rotating in high Performance Kort

Nozzles @ 280.5rpm Fuel Oil Purifier

Westfalia OTC2-02-137 self-cleaning fuel oil purifier

Steering Gear

Independent Electro hydraulic, 3T torque

Anchor Windlass

Marine Equipment Ltd. Electro/Hydraulic type ME 2.1THWL 22C2506 ton @ 12m/min.

Anchors

2 x 485kg HHP stockless anchors

Anchor Chain

2 x 220m 22mm U2 stud link chain

Fendering

Solid rubber pusher bow and tyre fendering system to facilitate ship handling

Solid rubbing band and tyre protection on both vessel parallel sides.

Towing/Anchor Winch

Marine Equipment Ltd. Single drum hydraulic winch. Type: ME 45THTW 120 tonnes brake capacity.

50 metric tonnes line pull @ 10.6 metres per minute. 700M x 44mm wire

Cutting Equipment

Two bottles oxygen and one bottle Propane complete with cutting torch

External FIFI

Modular hydrodeisel unit rated at 600 cu m/hr

Navigation Equipment

Radar: Furuno FR-1525MK II

Gyro: Tokimec ES-110

Autopilot: Track 2000

Echo Sounder: Furuno FE 700

GPS: Furuno GP-32

1xWindmonitor

Radio communication equipment

GMDSS Sailor 5000 series includes:

1x SSB Sailor 5150 150W

2x VHF Sailor RT5022 25W

2x Inmarsat-C T&T 3000

1x SASS built in INM-C

1x SART

1x EPIRB McMurdo E3

3x Two-way emergency VHF Radio

SP 3520

1x Navtex Furuno NX-700

1 x FURUNO DFAX-209

Other Navigation Equipment

System c/w Fog Horn Signal, Anemometer. Fleetbroadband 150.

