



## Name of Vessel

CM Heather

## Port of Registry / Flag

Astrakhan / Russia

## IMO# / MMSI

9431927 / 434115200

## Year of Delivery

2007

## Type

Twin Screw Ocean Going Tug.

## Classification

### RMRS

Tug (Unrestricted Navigation)

## Length over all (LOA)

31.100m (28.92m BP)

## Breadth / Depth / Draft (Light/Max)

9.5m / 4.2m / 2.90m / 3.5m

## GRT/NRT/DWT

298T / 90T / 319.775T

## Clear Deck Space

88m<sup>2</sup>

## Speed

11.0 knots

## Bollard Pull (Certified)

40.62 metric tonnes (Continuous)

## Endurance

21 days

## Accommodation

Fully heated & 'air conditioned for 12 men in five cabins.

## Lifesaving

To meet SOLAS requirements

## Fire Fighting

To meet SOLAS requirements

## Fuel

268m<sup>3</sup>

## Fresh Water

46.6m<sup>3</sup>

Treated Sewage holding tank 47.4m<sup>3</sup>

## Main Engines

2 x Cummins KTA50-M2 high speed, 16 cylinder diesel engines producing 2354kW (3157bhp) total @ 1800 rpm.

## Generators

2 x 78kW (97.5KVA) Cummins 12V.95A driven by 2 x Cummins 6BT5.9-D diesel engines @ 1500 rpm

## M.E. Consumption

8,000 litres MGO and 20 litres lube oil per 24 hours @ fullpower. 4,500 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 Reintjes WAF665L 5.95:1 reverse reduction gear boxes coupled to four bladed 2300mm diameter fixed pitch propellers rotating in high Performance Kort Nozzles @ 302.5rpm

## Fuel Oil Purifier

Alfa Laval MAB 104B-24-50/4108-5 fuel oil purifier.

## Steering Gear

Trans-Pacific Hydraulics, Electro hydraulic, 3T torque.

## Anchor Windlass

Siong Ping Engineering S/B Electro/Hydraulic type HY AWD C226 ton @ 12m/min.

## Anchors

2 x 570kg HHP stockless anchors

## Anchor Chain

2 x 220m 22mm U2 stud link chain

## Fendering

Tyre fendering on the bow to facilitate ship handling. Solid rubbing band and tyre protection on both vessel parallel sides.

## Towing/Anchor Winch

MEP Systems PTE Ltd. Double drum towing and anchor handling winch.

Type; ME 40THTW100 tonnes brake capacity. 50 metric tonnes line pull @ 10 metres per minute. 2 x 700m x 44mm wire.

## Tugger Winch

Siong Ping Engineering S/B HY TUG-5T, 5 t tugger winch.

## Deck Machinery

Bochi Machinery company 100 tonne SWL electro hydraulic flush mounted towing pin and shark jaw unit.

## Cutting Equipment

Two bottles oxygen and one bottle Propane complete with cutting torch

## Navigation Equipment

Radar: Furuno FR-1525MK II

Gyro: Tokimec ES-110

Autopilot: Track 2000

Echo Sounder: Furuno FCV 620

GPS: Furuno GP-32

1 x Anemometer.

## Radio communication equipment

GMDSS FURUNO FELCOM 15 SSAS series includes:

1 x SSB FURUNO 2570 150W

1 x VHF Sailor RT5022 25W

2 x VHF FURUNO FM-8800S 25W

2 x Inmarsat-C FELCOM 15

1 x SASS built in INM-C

2 x SART 20

1 x EPIRB McMurdo E5

2 x Two-way emergency VHF Radio

IC-GM1600E

1 x Navtex Furuno NX-700

## Other Navigation Equipment

Radar, Transponder, P.A. System

c/w Fog Horn Signal.

Fleet broadband 150

