



Name of Vessel

CM Italia

Port of Registry / Flag

Aktau / Kazakhstan

IMO Number / MMSI

7404839 / 436000159

Year of Delivery

1975 (Rebuilt 1983)

Type

UT 704 AHTS

Classification

RMRS KM* tug, supply, oil recovery ship.

Length over all (LOA)

64.40m (56.40m BP)

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

13.80m / 6.90m / 2.90m / 3.9m / 5.88m

GRT / NRT / DWT

1299T / 389T / 2074T

Clear Deck Space / Deck Loading

418 m² (34.8 x 12.0) / 800 tonnes @ 5 ton/m²

Speed (Max / Econ)

13 knots / 11Knots

Bollard Pull

80 tonnes (Certified May 2010)

Endurance

30 days

Accommodation

Fully heated & air conditioned for 25 men.
(Crew maximum 13, Passengers 12). 7 x Single,
3 x Two, 1 x Four & 1 x Eight berth cabins.

Lifesaving

To meet SOLAS requirements

Stand by Rescues

Inflatable FRC - 1 x Zodiac 6 person 25hp

Dry & Wet Bulk Cargo

Fuel Oil - 714m³

Drill Water - 693.08m³

Potable water - 143.20m³

Dry Bulk - 170 m³

Liquid Mud - 275.32m³

Base Oil/Brine/Recovered Oil - 392.88m³

Sewage -19m³

Main Engines

2 x Nohab Polar SP216VF, 3,520bhp (2,625kW)
@ 825rpm with two Brown Boveri VTR250 W3P
Turbo Chargers. Total power 7,040bhp
(5,250kW).

Propulsion

2 x Lohmann & Stolterfoht GUC630 reduction
gearboxes with Ratio 3.59:1 coupled to 4
bladed 2900mm diameter Rolls Royce
Kamewa 79XF/4 CPP's rotating in fixed Kort
Nozzles @ 229.8 rpm.

Auxiliary Engines

1 x Caterpillar 3406 coupled to Leroy Somer
LSA M47 2VS2 C6/4. 415V/50Hz/325kVA/ 0.8pf 2
x Detroit 6-71 coupled to Riparato Farino
Service RVNHC-134. 415V/50Hz/325kVA/ 0.8pf 1
x Detroit 4-71 coupled to Stanford UC125.
415V/50Hz/125kVA/0.8pf

M.E. Consumption

20000 litres MGO per 24 hours@ full power &
9000 litres MGO per 24 hours @economic
cruising speed of 11 knots.

Bow Thruster

Ulstein Tunnel thruster 150 TV driven by Iveco
F3BE0686C*F00. 560bhp @ 2000rpm. Bow
thruster gear box, Sandefjord KV1V-DB, Ratio;
1.37:1 with 900mm Ø propeller & 6 Tonnes
static thrust.

Fuel Oil Purifier

Alfa Laval MAB 205-S-2-60/4049-8

Lube Oil Separator

Alfa Laval MAB 205-S-2-60/4049-8

Oil Water Separator

TK H2, Capacity- 2m³/hr.

Main Air Compressor

1 x Atlas Copco LT930UV, 5.5kW, 30 bar
@1435rpm

1 x Spere HL2/77, 11kW, 30 bar @ 1735rpm

Bulk Compressor

2 x Ingersoll Rand, 40 Model: L50B, 6' stroke. 5'
bore. 95kW, 6 Bar.

Mud Pump

2 x Ingger Gjerdrum AS 2423-FC-96 circulation
pumps & National Oilwell Vargo 112G CT5 TCF
discharge pump with capacity; 50-100m³/hr @
1.3-1.8 bar

Fuel Cargo Pump

1 x Allweiler SNF80-42. Capacity 60 m³/hr @
43m head.

Fresh Water Cargo Pump

Allweiler NTM 100-250/225 U3D WW3. Capacity
120m³/hr @ 70 m head.

Main Fire Pump

2 x Allweiler NTM 100-200. Capacity 80m³/hr @
61m head.

Emergency Fire Pump

Electrically driven DESMI SA-60 SA-65-250/8-
A-9-H. 50m³/hr.

Steering Gear

Tenford Rotary Vein- 210DNV
Pump- Tenford 1-2-210TS 2ESG-6A5+H-330 -
120L/min @ 1500RPM

Anchor Windlass

Brattvaag B8 M6300 15C. Pump G16, Gearv -
TE30B, 1450/470rpm.

Anchor

2 x 1590kg stockless HHP.

Anchor Chain

2 x 495m of 32mm Ø Studlink chain.

Capstans

2 x 5t Hydraulic Nebb TF 301

Tugger Winch

2 x 10 tonne Brattvaag C170/101-167

AHT Winch

Brattvaag Hydraulic Double drum, SL150W/B2T.
150T line pull and 250T break load. Power
supplied by 2 x Brattvaag G16/95-93 Hydraulic
Pumps.

AH Drum Capacity

800m x 52mm wire.

Towing Drum Capacity

Drum Capacities: 1000m x 64mm Ø wire or
1500m x 58mm Ø wire.

Wires as Fitted

Main Towing Wire; 860m of 58mm Ø 6 x 36
galvanised wire.

Spare Towing Wire; 800m of 52mm Ø 6 x 36
galvanised wire.

AH Work Wire; 135m of 58mm Ø 6 x 36
galvanised wire.

Towing Bridles; 2 x 7m of 52mm Ø 6 x 36
galvanised wire.

Deck Crane

GRUA/SHYDRALIFT MCV. 10 tonnes SWL @
6.75m

Deck Equipment

2 x Hydraulic Karm Forks. Karmoy, SWL 125t.

2 x Brattvaag retractable hydraulic towing
pins, SWL 200t

1 x Stern Roller; SWL 275t; 1.83 x 3.66m

Cutting Equipment

Two bottles oxygen and one bottle
Propane complete with cutting torch.

Navigation Equipment

1 x Radar Furuno Model FR-8051/8111/8251

1 x Radar; Furuno, Model FR-1510D

1 x Autopilot; NAVIPILOT V HSC

1 x Echo Sounder; Furuno FE-700

1 x GPS; Furuno Navigator GP-150-DUAL

Radio

2 x INMARSAT-C ; SAILOR TT-3606E

1 x NAVTEX Receiver; NCR-330 JRC

2 x RT Station; Furuno, FM 8500

3 x VHF SAILOR, RT2048-C4900x2

2 x VHF MAKE HX280E

2 x VHF MAKE RTP1000

2 x MF/HF Transceiver; ICOM, IC-M33

1 x AIS-X-Pack DS NAUTICAST

Other Navigation/communication Equipment

Satellite mobile: Fleetbroadband 150, Fog
Horn Signal.

