



Name of Vessel

CM Service

Port of Registry / Flag

Aktau / Kazakhstan

IMO# / MMSI

7716830 / 436000126

Year of Delivery

1977

Type

Special service - utility boat

Classification

Bureau Veritas 1+, Hull + Mach, supply vessel, unrestricted navigation

Length over all (LOA)

54.88m

Breadth / Depth / Draft (Light/Max)

11.58m / 4.27m / 1.756m / 3.65m

GRT / NRT / DWT

641T / 192T / 953T

Clear Deck Space(with/without accom block)

250m² / 340m²

Speed

12.0 knots (Max) 10.0 knots (Service)

Endurance

21 days

Accommodation

Fully heated & air conditioned for 14 crew plus module for 24 pax.

Lifesaving

To meet SOLAS requirements.

Fuel / Fresh Water / Sewage Tks

421.6m³ / 365.1m³ / 24.8m³

Main Engines

2 x Caterpillar D399 Medium Speed sixteen cylinder diesel engines producing 2058kW (2760bhp) total @ 1300rpm.

Propulsion

2 x Caterpillar 7261 vertical reverse reduction gearboxes, 4.22:1 coupled to three bladed 1980mm diameter fixed pitch propeller rotating @ 308rpm.

Generators

2 x main Diesel Generators, Detroit 8V- 71, 99kW (133bhp) @ 1200rpm. 1 x Harbour Generator, Detroit 8V-71 150kW (201bhp) @ 1800rpm.

M.E. Consumption

7,900 litres MGO and 30 litres lube oil per 24 hours @ full power. 5,900 litres MGO and 20 litres lube oil per 24 hours @ economic service speed of 10.5 knots

Generator Consumption

450 litres MGO and 3 litres lube oil per 24 hours. Harbour set 550 litres & 4 litre lube oil per 24 hours.

Bow Thruster

Allison Diesel/Mechanical tunnel thruster driven by Detroit 8V-71, 250bhp (186kW) @ 2000rpm. 2.6 tonnes thrust.

Fuel Oil Purifier

Mitsubishi self-cleaning Type: SJ 700/1.5kw, Rev-9000rpm, capacity 700 litres per hour

Oily Water Separator

Type: HMS-50, Capacity-0.5m³, Max operating pressure 0.2 bar.

Main Air Compressor

2 x Quincy 325, capacity 17.7m³/h @ 30 Bar.

Fuel Cargo Pump

DESMI 80-70-220 N. Capacity 62m³/h @ 3500rpm & pumping head of 60 m.

Fresh Water Cargo Pump

DESMI S100-80-220 N. Capacity 125m³/h @ 3500rpm & pumping head of 40m.

Main Fire Pump

Indersoll Dresser MEN 80-65-160. Capacity 80m³/h @ 3535rpm & max pressure of 16 Bar.

Emergency Fire Pump

ALLWEILER A6 NB 40-160/170 U3.1D W3. Capacity 50m³/h @ 3500rpm.

Portable Emergency Fire Pump

Diesel driven 50m³ per hour.

Steering Gear

HALTER-LOCKPORT 5193 Electro hydraulic tied ram steering.

Anchor Windlass

HBL Industries ADM-1.25E. Electric windlass driven by a Baldor Industrial CM3714T 25HP motor @ 1800 RPM

Anchors

2 x 500kg Hall type Anchors

Anchor Chain

Stud link anchor chain, Port 32mm & Starboard 30 mm

Aft Capstan(s)

2 x Kraaijeveld KACE-5 Vertical mounted electrically driven capstans. 15m/min @ 5 tonnes pull.

Deck Crane

Present 1.2t swl, possible up to 5t swl.

Navigation Equipment

Radar: Furuno 1923 Mark02 & Koden MD-3441

Gyro: Anschutz STD-22 Master & Converter 9028C

Autopilot: Anschutz Pilotstar D

Echo Sounder; Furuno FE-700 GPS; Furuno GP-32 & GP-50 V Sat;

Navtex: JMC NT900

AIS: Furuno FA 150

Radio Communication Equipment

VHF; Sailor RT2048 & 2 x RT 5022

GMDSS; 2 x Sailor 3606E SSB;

Sailor SU100

Phone; Thrane & Thrane Copsat

Radio Life Saving Equipment

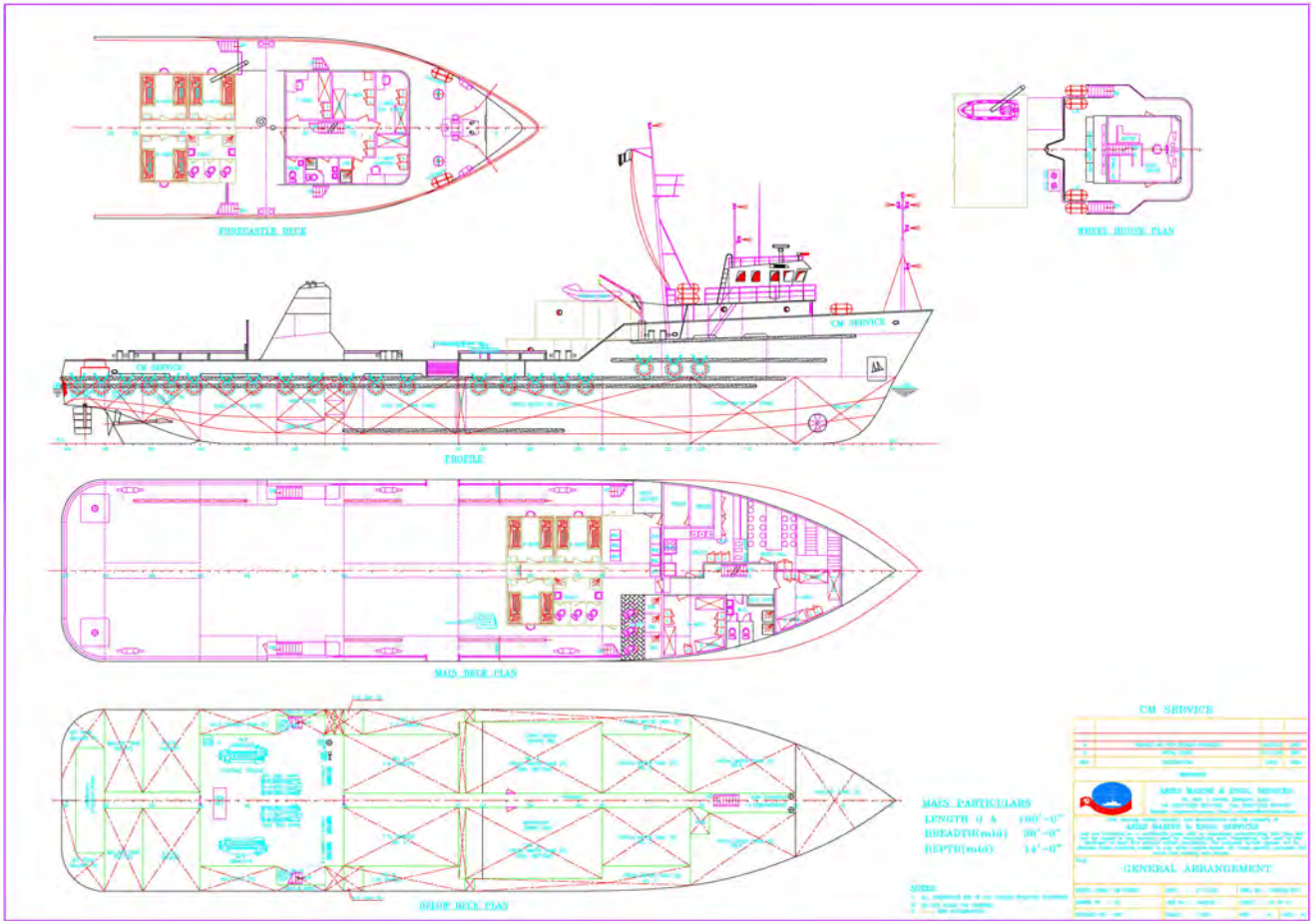
EPIRB; 40S MKII

SART; Jotron Tron SART

Other Equipment

Talk back system.

Fleetbroadband 150



CMI OFFSHORE