

CMS-4

Deck Cargo Barge



GENERAL DATA

Type	Cargo Barge (M-31 type Pr. no.16801)
Year built /	2020
Place of build	Baku Azerbaijan
Class	RMRS (K ^{cs}) pontoon
Flag	Azerbaijan
Port of registry	Baku
Call sign	N/A
Registered number	180862

DIMENSIONS

Length overall	85.70 m
Breadth molded	16.50 m
Molded Depth	3.30 m
Summer Draft	2.25 m
Freeboard at Summer Draft	1.05 m
Deadweight (abt.)	1715 t
Displacement	2365 t
Light Ship	650 t
Gross Tonnage	1200 t
Net Tonnage	360 t
Deck Cargo Capacity	1700 t
Distance between longit. cargo coamings	10.3 m
Height of cargo coamings	0.4 m
Deck Strength	15.0 t/m ²
Usable deck area	16.5 x 67.0 m ²
Max CoG of deck cargo	3.0 meters above the deck

CAPACITIES

Fuel Oil	2.0 m ³
Sewage Water	8.0 m ³
Fresh Water	8.0 m ³
Endurance	10.0 days

PROPULSION

N/A

AUXILIARIES

Genset	2 x 90 kW Cummins Diesel QSB7-DM
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ACCOMMODATION

Crew cabin	2 x 2 man
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COMMUNICATION

Handheld VHF	2 x SAILOR Sp3510
	1 x JCom IC-m ² 3
Mobile phone No	+994.....
E-mail@caspmarine.com

BALLAST

Tanks	11 sets (17 total) tanks, numbered from forward to aft.
Ballast Capacity	3000 m ³
Ballast tanks with connected to BW pump	4 x 30 m ³

PUMPS

Ballast Pump	1 x 25.00 m ³ Self-Priming Centrifugal pump
Fire / Ballast Pump	1 x 25.00 m ³ Self-Priming Centrifugal pump
Sewage Pump	1 x 25.00 m ³ Self-Priming Centrifugal pump

LIFESAVING APPLIANCES

Life raft	10 pers
Lifejackets	6 pcs
Immersion suit	6 pcs

FIFI EQUIPMENT

Portable Fire Extinguisher KY Carbon dioxide	6 x 5.0 kg
Portable Fire Extinguisher KY Foam	4 x 6.0 liter

MOORING EQUIPMENT

DMT Anchor Mooring	25 kN 1 x AMW 202-E28K2
Winch nominal pull	chain caliber-28
Warping nominal pull	15 kN
Anchor	2 x 1000 kg as per RMRS
DMT mooring Capstan nominal pull	requirement additionally (1 spare) on board
	100kN

TOWING EQUIPMENT

Standard towing arrangement with chains leading to a Delta plate, with 52 mm wire with MBL of 174.0 t pendant line

VESSEL SPECIFIC CHARACTERISTICS

CMS-4 is a dumb barge with raked bow and stern with twin skegs aft. A standard twin legged tow bridle is provided on the bow, and a series of ballast tanks (11) arranged in a port and starboard configuration allow good list and trim control during loading and unloading. The hull is strengthened to ice category L.2. Main (cargo) deck has a capacity of 15.0 t/m² and can carry cargo up to 2000 t with a max CoG of 3.0 meters above the deck.

