

KHUDAFERIN

Crew Boat / 54 Pax/ Max 50 tons
deck cargo



GENERAL DATA

Type	Crew boat
Year built / builder	2009, Topaz Shipbuilding, Fujairah, UAE
Class	(RMRS) KM Ⓡ R2
Flag	Azerbaijan
Port of registry	Baku
Call sign	4JNZ,
IMO number	957347

PIPE LAY CAPABILITIES

Length overall	35.0 m
Breadth	7.50 m
Summer Draft	1.9 m
Max Draft (protruding of propellers)	2.4 m
Freeboard at Summer Draft	1.516 m
Gross Tonnage	200 t
Net Tonnage	60 t
Deadweight max	93 t
Deck Working area	134.5 m ²
Deck Strength	2 t/m ²
Deck Cargo Capacity	50 t

CAPACITIES

Fuel Oil	36,246 m ³
Fresh Water	15,666 m ³

PROPULSION

Main Engines	3 x CAT C32 1081kw@2300rpm
Gearboxes	3 x Twin Disc MGX 6650 SC, 2.93:1
Propellers	3 x Teignbridge five blade propellers
Bow thruster	Thrustmaster 37 kW Hydraulic 16TT50L

AUXILIARIES

Auxiliary set	2 x CAT C4.4 107 KVA, 50 Hertz
Generators	415 VAC, 3 phase, 50Hz, 4 wires
Voltage	240 V AC, 1 phase, 50 Hz, 3 wires
Frequency	24 V DC circuit

SPEED

Maximum	16.5 knots
Economical	11 knots

FUEL CONSUMPTION PER DAY

Full Speed	9 m ³
Economical	6.6 m ³

NAVIGATION EQUIPMENT

Radar	1 x Koden Radar
Echo Sounder	1 x F-3000W
Auto Pilot	1 x ALPHASEAPILOT MFC
Doppler Log	1 x NAVIKNOT 450 D
Navtex receiver	1 x Model NT-2000
GPS	1 x GPS plotter HGP 660

COMMUNICATION EQUIPMENT

MF/HF Transceiver	Sailor CU5100 MF/HF Control Unit
GMDSS	SS1 x INMARSAT MMSI 423335100, Inmarsat C, Area 1
VHF	1 x ICOM M-604, 1 x SAMYUNG STR-6000A

LIFESAVING APPLIANCES

Life Rafts	6 x 25 man
Lifejackets	69 (2 pcs for personnel on watch)
Immersion Suits	10 pcs
Rescue Boat	1 x 6 man

FIFI EQUIPMENT

Fixed system	CO2
BA sets	x2

ACCOMMODATION

Cabins: Crew cabins	5 cabins. 2 single, 3 double cabins
Berth (Total)	8
Crew	8 persons
Passengers	54 persons

MOORING EQUIPMENT

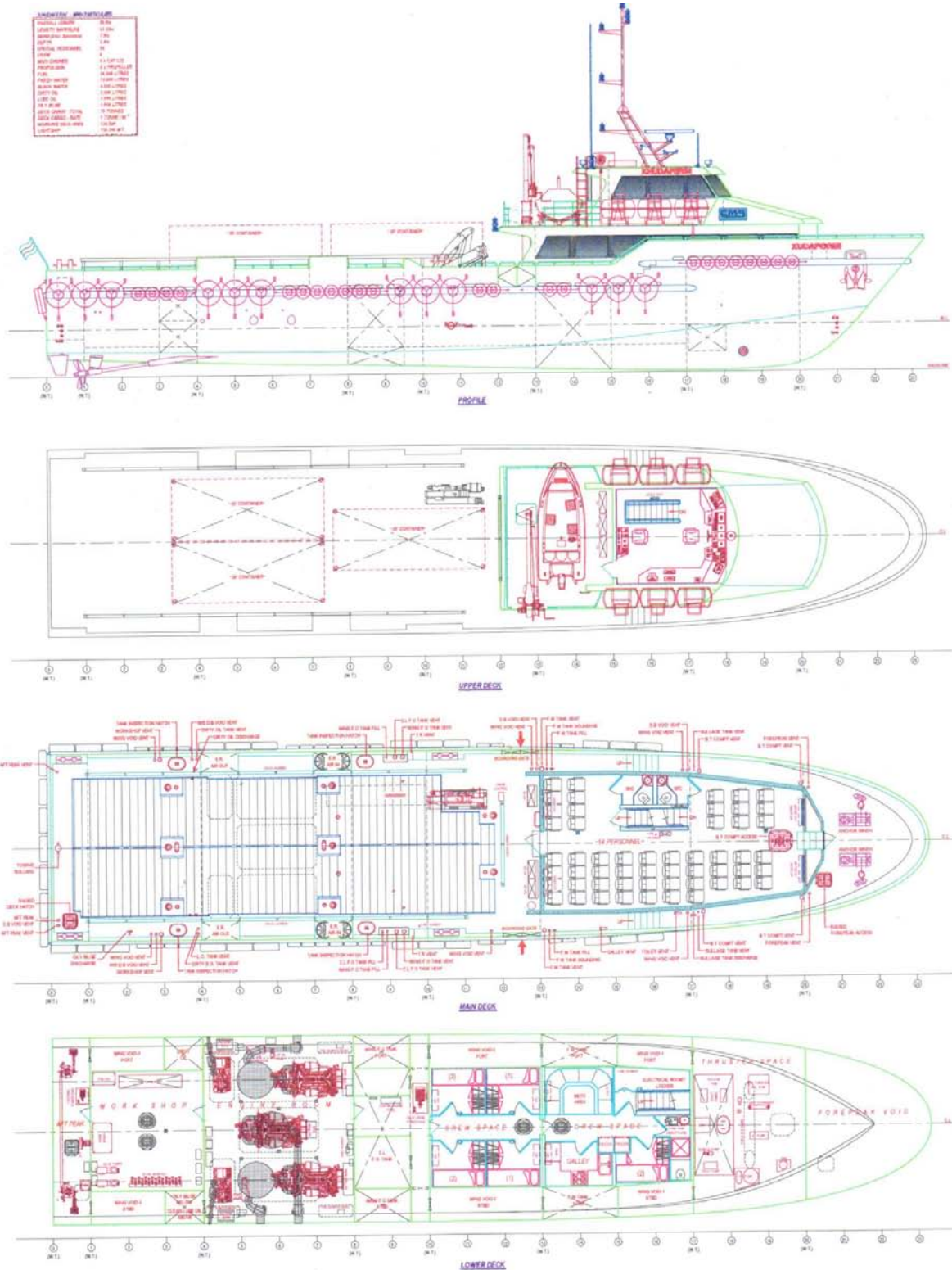
Anchor	2 x Super High Holding Power 136.8 kg
Anchor chain	Grade 2 stud chain, breaking strength 151kN
Anchor winch	2 x HHAW 15-16, reel type, electro hydraulic

CRANE

1 x FASSI 1.075 T @ 10.05m

VESSEL SPECIFIC CHARACTERISTICS

Khudaferin is a multipurpose vessel, able to transport 54 passengers plus crew and up to 50 tons of deck cargo at maximum speed of 16.5 knots. The knuckle / HIAB boom crane installed mid-ships on the port side allows materials to be quickly and easily transferred to or from the vessel. The deck area has been so arranged that 3 standard 20'' containers can be carried. Passengers are seated in a dedicated lounge in airline style seats and provided with an AV entertainment system so safety briefings can be observed prior to arriving at destination. Passenger transfer to installation can be achieved by Frog 3, basket transfer or direct access. Three fixed pitch propellers and additional bow tunnel thruster allow excellent maneuverability and station keeping potential.



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