



**AZERBAIJAN
CASPIAN SHIPPING
COMPANY**



SOCAR-1

V E S S E L S P E C I F I C A T I O N S



50t TBR Bollard Pull ASD Tug



Dimensions

Length overall, m	30
Length between perpendicular, m	25,10
Breadth overall, m	10,50
Hull height (loaded), m	4,90
Light draft, m	3,25
Estimated draft (loaded), m	4,20
Deadweight, t	214
Net Tonnage, t	111
Gross tonnage, t	372

Capacities

Crew, person	9
Speed, knots	12
Fresh Water, t, m3	40
Fuel oil, m3	120
Ballast / drill water, m3	35
Bilge Holding, m3	10
Greasing oil capacity, m3	7
Foam, m3	11
Deck strength, ton/ m2	3

General Data

IMO number	9661209
Port of registry / Call sign	Baku / 4JPK
Purpose Of The Ship	50t Bollard Pull ASD Tug
Flag	Azerbaijan
Year built / builder	2013, Baku Shipyard LLC, Azerbaijan
Class	

Machinery and Propulsion

Main engines: 2 x 2011 BHP, "NIIGATA6L26HLX ZP-31" type, vertical, single acting 4-valves, 4-cycle trunk piston type turbo charger and charge air cooler diesel engine with 6 cylinders

Propellers : Azimuth type four bladed propellers with diameter of 2000mm

Generator sets: The three "Volvo Penta" generator sets with capacity of 86 kW, voltage of 380 V at frequency of 50 Hz are installed in engine room. Each consists of an A.C. generator with a built in auto voltage regulator. The generators are driven by diesel engines. The engines are air started and stopped from a control panel mounted near the respective engine and inside silent room. The generators are fitted out for parallel use.

Special Equipment

General information	1 x anchor windlass/towing winch is installed on the forward deck and 1 x aft towing winch is installed on the aft deck.
Bollard Pull, KN (t)	500 (50)
Wire length	L= 600 m; D=44 mm
Hydraulic Towing Winch	1. Drum capacity - 390 m x dia.44mm SWR @ 12 layers 2.Rated Pull (1st layer) - 6T x 0~20 m/min (Low speed) 2.5T x 0~50 m/min (High speed) 3. Brake Holding - 120T (static, 1st layer)

Hydraulic Anchor Windlass/Towing Winch

- 1.Drum capacity - 200m x 100mm dia.44mm (P.P. Rope)@ 6 layer
2. Rated Pull (1st layer) - 5T x 0~25 m/min (1st speed) 2.5T x 0~50 m/min (2nd speed)
3. Brake Holding - 120T (static, 1st layer)

Safety Equipment

Life rafts	2 x 10 person (VIKING type)
Life buoy	8
Life jacket	20

Accommodation

General Description	Accommodation and wheelhouse are of good standard, well-appointed and designated for living under Caspian Sea conditions. All accommodation spaces, including control room/bridge are air-conditioned. Materials used are certified. Living quarters are arranged as indicated on the GA plan.
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Navigation Equipment

FS-1575; FM-8900S; MCmURDO r5; Felcom-19INM-C



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VESSEL SPECIFICATIONS
50t TBR ASD Tug



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