



AZERBAIJAN
CASPIAN SHIPPING
COMPANY



LANKARAN

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



16,000 BHP / TBR 207.27t / DP2 / AHTS
Call Sign: 4JQD



Vessel Specifications

Dimensions	
Length overall, m	74,50
Length between perpendiculars, m	64,8
Breadth overall, m	17,2
Hull height, m	8,0
Displacement of the vessel unloaded, t	2736
Displacement of vessel fully loaded, t	5714
Maximal draft, m	7,20
Summer draft, m	6,82
Deadweight, t	3000 at 6,9 draft
Net tonnage, t	821
Gross tonnage, t	2736

Capacities	
Crew, person	16 (one shift)
Fresh water, m³	537,6
Fuel tank, m³	806
Drill water, m³	1263,8
Mud tank, m³	490
Brine tank, m³	187,6
Dry Bulk tanks, m³	220,4
Deck cargo capacity, t Deck strength, ton/ m² Clear deck area, m²	850 10 497,6
Clear deck area (max L x B)	34,8 x 14,3
Endurance	30
Endurance (Increased crew)	15

Speed/Fuel	
Max speed	16,7 knots / 55 tons / 24 hrs
Economic speed	9,5 knots / 22 tons / 24 hrs
AH operations	35 tons / 24 hrs
Towing 75%/150t Pull	42 tons / 24 hrs
Harbor mode	1,6-2 tons / 24 hrs
Quality of fuel	MGO

General Data	
IMO number	9451666
Port of registry / Call sign	Baku / 4JQDkhfl
Purpose Of The Ship	AHTS (Anchor Handling Towing and Supply) Vessel
Flag	Azerbaijan
Year built / builder	2012, Paxocean Engineering, Singapore
Class	

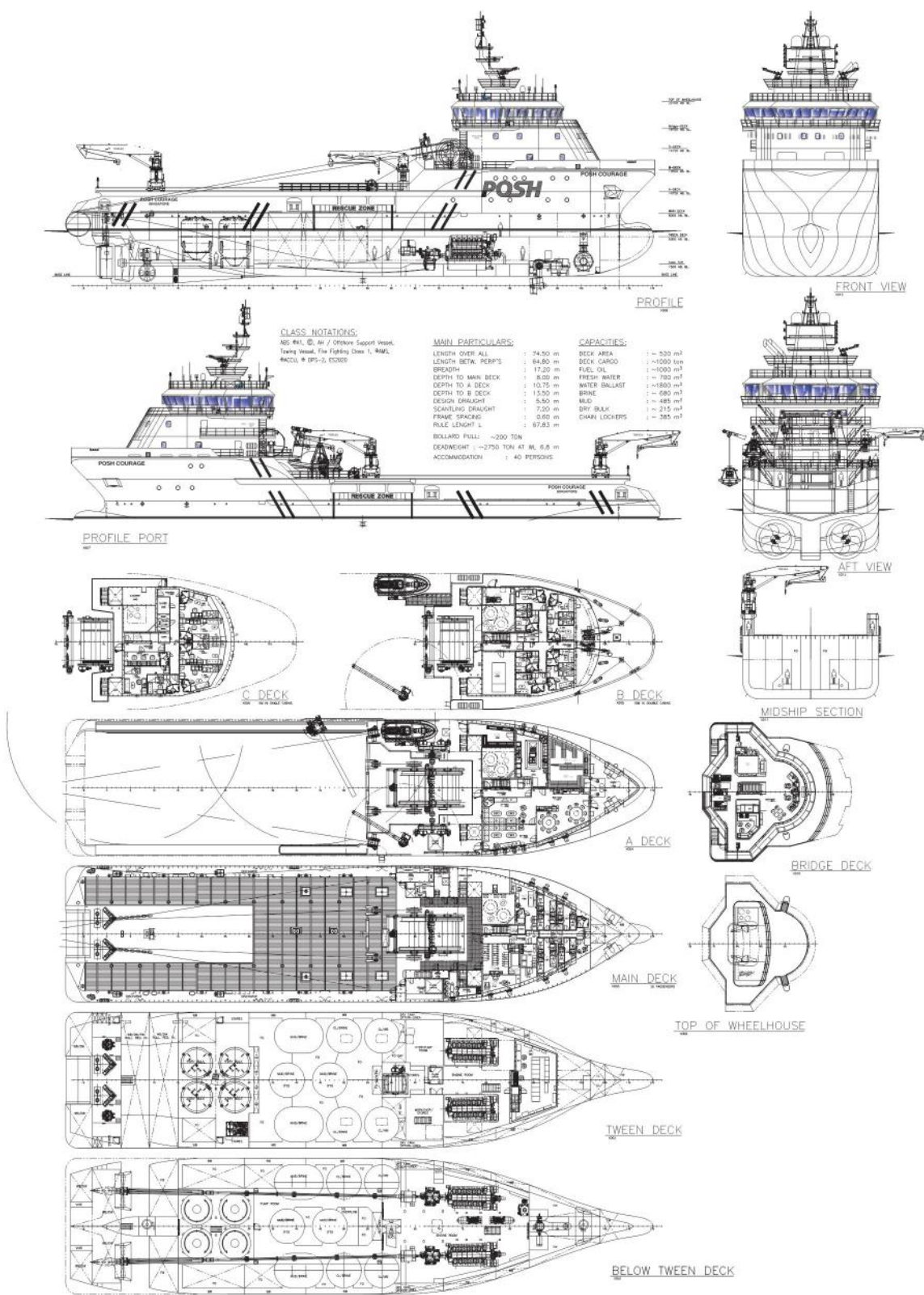
Machinery and Propulsion	
Main engines	MAN 2 x 8000 BHP
Generators	2 x 550 kW diesel generators at 3 x 440V, 60 HZ; 1 x 90 kW emergency diesel generator; 2 x Shaft generator at 2000 kW each
Propellers	2 x CP propellers in fixed nozzles
Bow thruster	1 x Tunnel thruster 880 kW = 1180 BHP = approx. 15t; 1 x Azimuth thruster 880 kW = 1180 BHP = approx. 15t.
Stern thruster	1 x Tunnel thruster 880 kW = 1180 BHP = approx. 15t

Special Equipment	
Towing / AH winch	1 x Oilstates double drum waterfall, low pressure; Stall line pull of 350 tons; Brake holding capacity at 680 tons at 1st layer of rope on the drum
Towing Wire Drum	5,200m x 77 mm wire capacity
Anchor Handling Drum Wire	5,200m x 77 mm wire capacity
1 x Sec Winch	1 fixed drum with 2 dividing flanges with cut out dimension – B=1219mm; F=3499mm; L1=3696mm; L2=914mm
1 x Storage Reel	1,500mm x 77mm (spare tow wire)
Tugger Winch	2 x 20 tons nominal pull
Shark Jaw	2 x Triplex H-500 SWL 500 tons
Tow Pins	2 x Triplex H-200 SWL 250 tons
Capstan	2 x 10t
Stern Roller	1 x 500t, 6m x 3m diameter
Grapnel & J-Hook	150t
Wildcats / Gypsies	2 x 76mm (install) + 2 x 84mm spare
Rudders	2 x independent high lift flat type, LxH=2000mm x 4000mm
Rig Chain Lockers	4 x 95m³ = 380m³
Deck Crane	1 x Prov. crane (starboard) SWL 3 tons at 12m radius; 1 x Moveable crane – electro hydro. travelling knuckle crane on port side cargo rail, lifting capacity SWL 5 tons at 13m radius
Reefer Points	2 x 440v, 2 x 220v
DP / Joystick Control	Converteam ADP-2 system
FiFi 1 System / Oil Pollution Control	With pump capacity of 2 x 1650 m³ / hour at 140m head, Class FiFi 1 and Monitor – 2 x 1200 m³ / hour

Bunkering and Discharge Flow Rate	
Fuel	2 x 200m³ / hour at 90m head
Fresh Water	2 x 200m³ / hour at 90m head
Drill water	1 x 200m³ / hour at 90m head
Brine	1 x 75m³ / hour at 90m head
Bulk plan	220 m³ in 4 tanks; 82 psi / 5,6 bar
Liquid mud	2 x 75m³ / hour at 90m head
Flow meter	2 for FO; 2 for FW

Accommodation	
Officer / Crew	18
Berth total	42
Cabins total	18
Hospital	1

Navigation Equipment	
MF/HF, Watchreceiver, VHF fixed, VHF portable, Inmarsat C, Navtex, Autopilot, Radar ARPA, Surface plotting, DGPS, Gyro, Echo Sounder, AIS Transponder, FBB500, VDR etc.	



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Address: Mikayil Useynov street 2, AZ 1003, Baku, Azerbaijan Republic

Phone: (+99412) 404 37 00 | **Fax:** (+99412) 404 38 00

Email: projects@asco.az | **Web:** www.asco.az

Direct Contacts:

Phone: (+99412) 404 37 15; (+99412) 404 37 40