



M/V Pacific Askari

- ▶ **Brake Horsepower** 6220 BHP
- ▶ **Clear Deck Space** 735 m²
- ▶ **Deadweight** 3118-3255 tonnes
- ▶ **Deck Cargo Capacity** 1600 tonnes

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Brake Horsepower	6220 BHP	Clear Deck Space	735 m2
Deadweight	3118-3255 tonnes	Deck Cargo Capacity	1600 tonnes

General Information

Built:	Pan United Shipyard (Singapore), September 2006
Flag:	Singapore
Call Sign:	9VGE7
IMO No.:	9358137
Classification:	DNV-GL +1A1 Fire fighter(I) DYNPOS(AUTR) E0 SF

Dimensions

Length, overall:	73.4 metres
Length, BP:	67.7 metres
Breadth, moulded:	16.0 metres
Depth, main deck:	7.0 metres
Maximum draft midship:	5.9 metres
Design draft:	5.0 metres
GT:	2218
NT:	955

Capacities

Deadweight (maximum):	3118 tonnes
Clear Deck Area:	735 m2 (49 x 15 m)
Deck Strength:	5 tonnes per square metre
Deck Cargo:	1600 tonnes
Fuel:	996 m3 (dedicated, including Fuel Oil overflow tank) 2006 m3 (including multiuse Base Oil and Mud tanks)
Potable Water:	743 m3 (dedicated) 883 m3 (including 1 stability tank)
Ballast Water:	517 m3 (dedicated) 744 m3 (including 3 brine tanks)
Brine / DMA / Glycol / Liquid Mud:	257 m3
Liquid Mud:	568 m3 (dedicated, in 6 mud tanks) 825 m3 (inclusive of 3 brine tanks, totalling 9 tanks)
Dry Bulk:	259 m3 (in 4 bulk tanks)

Machinery

Main Engines:	2 x Bergen diesel engines each 2320 kW = 4640 kW (6220 bHP)
Propulsion:	2 x RRM CP propeller system 600 AGSC-KP-66 P1/4T-2900
Bow Thrusters:	2 x 600 kW (2 x 804 BHP) Kamewa/RRM
Stern Thrusters:	2 x 600 kW (2 x 804 BHP) Kamewa/RRM
Shaft Generators:	2 x 1600 kVA x 440 V x 60 Hz
Auxiliary Generators:	1 x 307 kVA, 440 V, 3-phase, 60 Hz Caterpillar
Emergency Generators:	1 x 307 kVA, 440 V, 3-phase, 60 Hz Caterpillar

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Deck Machinery

Tuggers:	2 x 10 tonnes each, hydraulic
Capstans:	2 x 10 tonnes each, hydraulic
Windlass:	1 x 6 tonne, hydraulic
Crane Capacity:	1 x 1.5 tonne provisions crane with 10m fixed boom 1 x 5 tonne crane at a reach of 15.18m

Electronics

Main Radar:	Furuno FAR-2137S, S-band (10 cm), ARPA, 20 ins display
Auxiliary Radar:	Furuno FAR-2117, X-band (3 cm), ARPA, 20 ins display
Auto Pilot:	Tokimec PR 6000-zz
Gyro Compass:	3 x Tokimec TG 8000 with 2 bridge & steering gear repeaters
Magnetic Compass:	Tokimec SH-165A1
Echo Sounder:	Sperry Marine ES-5100
DGPS :	2 x Veripos LD-5-A3-GG2
Anemometer :	2 x Young 06206
Speed Log:	Furuno DS 80
Communications:	Furuno G.M.D.S.S. (Global Maritime Distress and Safety System) inclusive of MF/HF SSB 2 x VHF 2 x Inmarsat C 3 x handheld VHF 2 x SART Navtex receiver 121.5 / 406 MHz EPIRB
Watch System:	CH 70 and 2,4,6,8,12,16 MHz DSC
Weather Fax:	Furuno DFax-207
Satellite Communication:	FBB: Sailor 500 VSAT: Sailor 900
AIS:	Furuno FA - 100
VRU:	VRU 1 - SG Brown TSS DMS-10 VRU 2 - Watson Industries Ltd Romsy-Hants
BNWAS:	Martek Marine Navguard

Discharge Pumps

Fuel Oil:	100 m3/hr - 7.0 bar
Base Oil:	150 m3/hr - 7.0 bar
Potable Water:	150 m3/hr - 7.0 bar
Drill Water:	150 m3/hr - 7.0 bar
Liquid Mud:	75 m3/hr - 18.0 bar
Brine / Mud:	75 m3/hr - 18.0 bar
Dry Bulk:	2 compressors, discharge rate will depend on product (for Cement, 50 tonnes/hr - 8.0 bar)

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Cargo Flow Meters :	FW - OVAL VR MAG FO - OVAL FLOW Meter
Hose Connections :	Fuel Oil - 2 x 4" Todo and 2 x 3" female Camlock Potable Water - 4" female Weco F100 Drill Water - 3" female Camlock Mud-Brine-Base - 4" female Weco F100 Dry Bulk - 5" female Weco F50

Performance

Speed / Fuel Consumption:	Maximum Speed 14.5 knots @12 knots, fuel consumption is 15.0 tonnes per day @ 10 knots, fuel consumption is 11.0 tonnes per day At 100% MCR (4,640 kW) - fuel consumption is 24.0 tonnes per day
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Dynamic Positioning

Type:	DP II - Alstom A - Series Duplex
Reference Systems:	USBL HPR / DGPS / Cyscan
Control Modes:	Auto Sail / Track Follow / ROV Follow
Joystick:	Poscon - integrated to main propellers, main engines, rudders, side-thrusters and interfaced to gyro compass

External Fire Fighting

Capacity:	2 x 1500 m3/hr pumps = 3000 m3/hr
Monitors:	2 x 1200 m3/hr Jet/Foam/Spray on wheelhouse roof, remotely operated from wheelhouse
Throw Length:	120 m
Throw Height:	50 m
Drenching System:	Installed

Standby Rescue Equipment

1. 1 x Vanguard VG 6.0 FRW, 15 persons, SOLAS approved FRB with inboard diesel waterjet propulsion.

Anti-Pollution

Dispersant Tank:	10.8 m3
Spray Nozzles:	2 x 6 m

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Accommodation

Berths:	5 x 1 berths
	5 x 2 berths
	6 x 4 berths
	1 x 4 berths (hospital)
	43 berths Total (includes hospital)

Environmental Features

1. Cylindrical mud tank free flowing design with external stiffening, sloped floors and dedicated recirculation.
2. Cargo load/discharge stations with save all to inboard tank.
3. 1 x 15 ppm oily water separator.
4. 2 x sewage plant, extended aeration type.
5. Maserator.
6. Low residue design bulk tanks.

Miscellaneous

1. Design complies to latest rules and regulations from SOLAS 74, with amendments in force and IMO 469 (XII) "Guidelines for the design and construction of offshore supply vessel".
2. Port and Starboard dispersant spray nozzles are fitted.
3. F.O. and Mud systems are controlled by a Tanktender system for Fuel Oil.
4. Fitted with 2 Halogen searchlights, each 2000W, wheelhouse top and electrically operated from inside wheelhouse, 4 x 1000W flood-lights, for cargo deck.
5. Deck power supplies:
 - 2 x 500A x 440V x 3ph
 - 1 x 63A x 440V x 3ph
 - 1 x 32A x 220V x 1ph
6. Base Oil tank capacity of 204 m3.
7. Wood sheathed main deck throughout with deck loading of 5 T/m2.
8. Welding and cutting equipment and lathe in workshop.
9. Fresh water ultra violet sterilizer.
10. Fire detection system fitted to the accommodation, engine room and all other machinery spaces.
11. CO2 fire extinguishing system fitted to cover the engine room, paint locker and galley vent trunking. In addition to the CO2 system there is also a water drenching system on board that provides cover for the Port and Starboard main engines, Auxiliary Generator and the purifier.