



Sea Light Shipping & Offshore Co. Inc.
Roor AlBahar Ship Charter LLC.

PSV
M.V. AL RAYYAN
“EX-PERMIT BAYU”



<u>PRINCIPAL PARTICULARS</u>		<u>REGISTRATION</u>	
Length Overall	: 57.0 M	Flag	: ST. KITTS & NEVIS
Beam Moulded	: 13.6 M	Port	: CHARLESTOWN
Depth Moulded	: 5.5 M	Official No.	: SKN 1002705
Draft Designed	: 4.3 M	Builder	: MSE Shipyard Johore
Summer Load Draft	: 4.50 M	Hull No.	: 030
Displacement	: 2182.03 tonnes	Year Built	: 1986 / Refurbished (2009)
F.O.Capacity	: 391,000 (335 tons)	Class	: DNV (1A1 Supply vessel)
Cargo Water Capacity	: 144,000 (144 tons)	Tonnage	: GRT 1109 Net 332
Pot Water Capacity	: 256,000 (256 tons)	Call Sign	: V4ZS2
Detergent Capacity	: 25,000 (29 tons)	MMSI No.	: 341389000
Foam Capacity	: 25,000 (28 tons)	Deadweight	: 1096.67 tonnes
Accommodation	: 29 total 2x8 man, 4x2 man, 5x1 man	IMO No.	: 8515922
<u>MACHINERY</u>		<u>DECK MACHINERY</u>	
Main Engine	: 2 x 1500 Deutz SBV 6M628 @ 1000 RPM	Tugger Winch	: 2 x 5 tonnes x 15m/min x 9 RPM Electro/Hyd Model KHTG 5015
Generator	: 3 x 155kW CAT 3406 415V- 3PH-50Hz	Capstan	: 2 x 5 tonnes x 10m/min x 6.4 RPM Electro/Hyd Model KHCU 7510
Bow Thruster	: 1 x 500HP CPP Ulstein Driven by CAT3412 – 540BHP @ 1800 RPM	Crane	: 1 x 7.14 ton @ 3m/min 1 ton @ 9.15M Electro/Hyd-Hydralift
Red Gears	: 2 x 3.42:1 Ulstein	Windlass	: 1 x 12T x 12m/min x 8-7 RPM MDL KHWC
Propellers	: 2 x 2300 MM, CPP Ulstein x 4 Blade	Tow Bolland	: 1 x 40 tonnes
Steering	: 2 x Electro Fwd & Aft Stations Portable Pos-con Tokyo Keiki/Ulstein	Anchor	: 2 x 1660 KG Stockless Anchor Type AC- 14 c/w 2 x 15 Shackle Grade 2A of 34Mmdia. Stud Link Chain-1 Spare Anchor
<u>FIRE FIGHTING</u>		Reefer Point	: 8 x 415V x 50Hz x 3 Phase.
Class	: DNV	<u>BULK TANKS</u>	
Pumps	: 2 x 1450 m3/HR Thune Eureka	Tanks	: 4 x 1250 FT3, 2 x 500 FT3 Space Saver Tanks
Speed Increaser	: 2 x Rient Jes Model 630U Ratio 1:1.961 – 720 kw	Control	: pneumatic
Monitors	: 2 x Double Barrel/Man & remote control	Compressor	: 1 x 850 m3/Hr Free Air c/w Water Separator (500 CFM @ 400 PSI)
Cap Water	: Water 1200 m3/H, Foam 300 m3/H @ 10bar	Other Items	: Separate Discharge for 2x500 tanks
Spray Booms	: 2 x 3M with 4 Nozzles Cap. 50 m3/HR	<u>ELECTRONICS</u>	
Foam Generator	: 1 x Thune Eureka	Auto Pilot	: 1 x Tokyo Keiki
<u>CARGO TRANS RATE</u>		VHF	: 2 x RT144C Sailor
Water	: 100 M3/Hr @ 60M HD @ 1475RPM	SSB Radio	: 1 x FS1500 Furuno
Fuel Oil	: 100 M3/Hr @ 60M HD @ 1475RPM	SAT NAV	: 1x FSN80 Furuno
Bulk	: 50 Tons/HR Av.	R.D.F	: 1 x TDF-L1510 Tokyo
<u>PERFORMANCE</u>		Radar	: 1 x FR 1011 Furuno (Port) 1 x FR 1510 Furuno (Stbd)
Speed	: 10 knots	Fathometer	: 1 x ED 162 Simrad
Fuel Consumption	: 7.5 Tons/24 hrs	Dropller Speed Log	: 1 x Jln 203 J.R.C
Deck Cargo	: 500 Tonnes-5 Tons/M ²	Walkie Talkie	: 3 Marine CH. VHF
Clear Deck Space	: 340 M ² - 32.5M x 10.5M	Nav Tex	: 1 x AX 500 Furuno
Bollard Pull	: 34 Tonnes	H2S / LEL System	
Crash Bar	: On P&S Main Deck Length 1.5 Height	Fire Central Alarm System	
<u>SPECIAL EQUIPMENT</u>			
Rescue Boat	: 6 Man Zodiac + 25HP Motor		
Welding Machine	: 1 x 400 Amp		
Life Raft	: 4 x 16 Person		

This specification is subject to change without prior notification.