



## AL HADAF MARINE SERVICES

### M/V SEA PEARL

6140 BHP/80T BP/DP2/FiFi1/AHTS



#### PRINCIPAL PARTICULARS

Year Built	2011
Place Built	ABG Shipyard Ltd., India
Design	-
Flag	Marshal Island
Length Overall	63.4 m
Length BP	-
Breadth Moulded	15.6 m
Depth Moulded	6.8 m
Draft (max)	5.5 m
Freeboard (SLL)	1.3 m
Class	DNV
Notation	DNV,+IA1 TUG SUPPLY VESSEL STAND BY VESSEL, FiFi 1
GRT/ NRT	1922 / 647
Deadweight	1886.2 MT
Bollard Pull	80 MT

#### DECK PARTICULARS

Clear Deck Area	428 m <sup>2</sup>
Deck Carrying Load	600 T
Deck Strength	5 T/m <sup>2</sup>

#### PERFORMANCE

Maximum Speed	13 Knots @ 14 T/24 hours
Service Speed	10 Knots @ 11 T/24 hours
Economic Speed	8 Knots @ 8.75 T/24 hours

#### PROPULSION SYSTEM

Main Engines	2 x 3070 BHP GE7 FDM 12, 2575 BHP, Total 6140 BHP, General Electric
Auxiliary Engines	3 x 370 kW/440V/60, Volvo Penta
Emergency Generator	1 x 85 kW/440V/60, Volvo Penta
Bow Thruster	2 x 500 kW(HRP) Electric-Driven Tunnel Type
Stern Thruster	1 x 500 kW(HRP) Electric-Driven Tunnel Type
Propellers	2 x Berg, CPP with Kort Nozzle
Steering Gear Sys.	2 x Hydraulic Type
Rudder	2 x High Performance Streamline Type

#### TANK CAPACITIES

Fuel Oil	796 m <sup>3</sup>
Fresh Water	575 m <sup>3</sup>
Drill/Ballast Water	410 m <sup>3</sup>
Liquid Mud	408 m <sup>3</sup>
Brine	199 m <sup>3</sup>
Dry Bulk	206 m <sup>3</sup> , 4 x 46.72 m <sup>3</sup> per Tank
Foam/Detergent	20/20 m <sup>3</sup>

#### CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	200 m <sup>3</sup> /hr @ 60 m head
Fresh Water Pump	200 m <sup>3</sup> /hr @ 60 m head
Drill Water Pump	200 m <sup>3</sup> /hr @ 60 m head
Liquid Mud Pump	80 m <sup>3</sup> /hr @ 60 m head
Bilge Pump	100 m <sup>3</sup> /hr @ 80 m head
Dry Bulk Compressor	50 T S / 6 BARs/HR

#### DECK EQUIPMENT

Anchors & Chain	2 x Anchor 1510 kg, Chain 440 m (L) x 38mm (dia) Grade U2-NORCRANE
Tugger Winch	2 x 10 T @ 15 m/min, NORCRANE
Capstan	2 x 8 T @ 15 m/min, NORCRANE
Anchor Windlass	1 x, NORCRANE, Electro-Hydraulic
Crane	1 x NORCRANE SWL 3t, 12 m Out reach

#### ANCHOR HANDLING & TOWING EQUIPMENT

Anchor Handling Winch	Electro-Hydraulic Double Drum Waterfall Type
Towing Winch	60 mm x 1200 m each, Brake Layer 150 T, Pull 1st Speed 150 T @ 6.0 m/min,
AH/Towing Drum Cap	1200 m (L) x 60 mm (Dia) SWR
Spare Reel Drum Cap	1200 m (L) x 60 mm (Dia) SWR
Line Pull @ First Layer	150 T @ 6 m/min
Brake Holding	250 T (Static)
Towing Pin	2 x Electro-Hydraulic retractable,SWL 200mt
Shark Jaw	SWL 300 T, Electro-Hydraulic
Stern Roller	SWL 200T, 5.0 m (L) x 1.6 m (Dia)

#### ACCOMMODATION

Berths	4 x 1, 8 x 2, 2 x 6 Berths
Total Pax	32

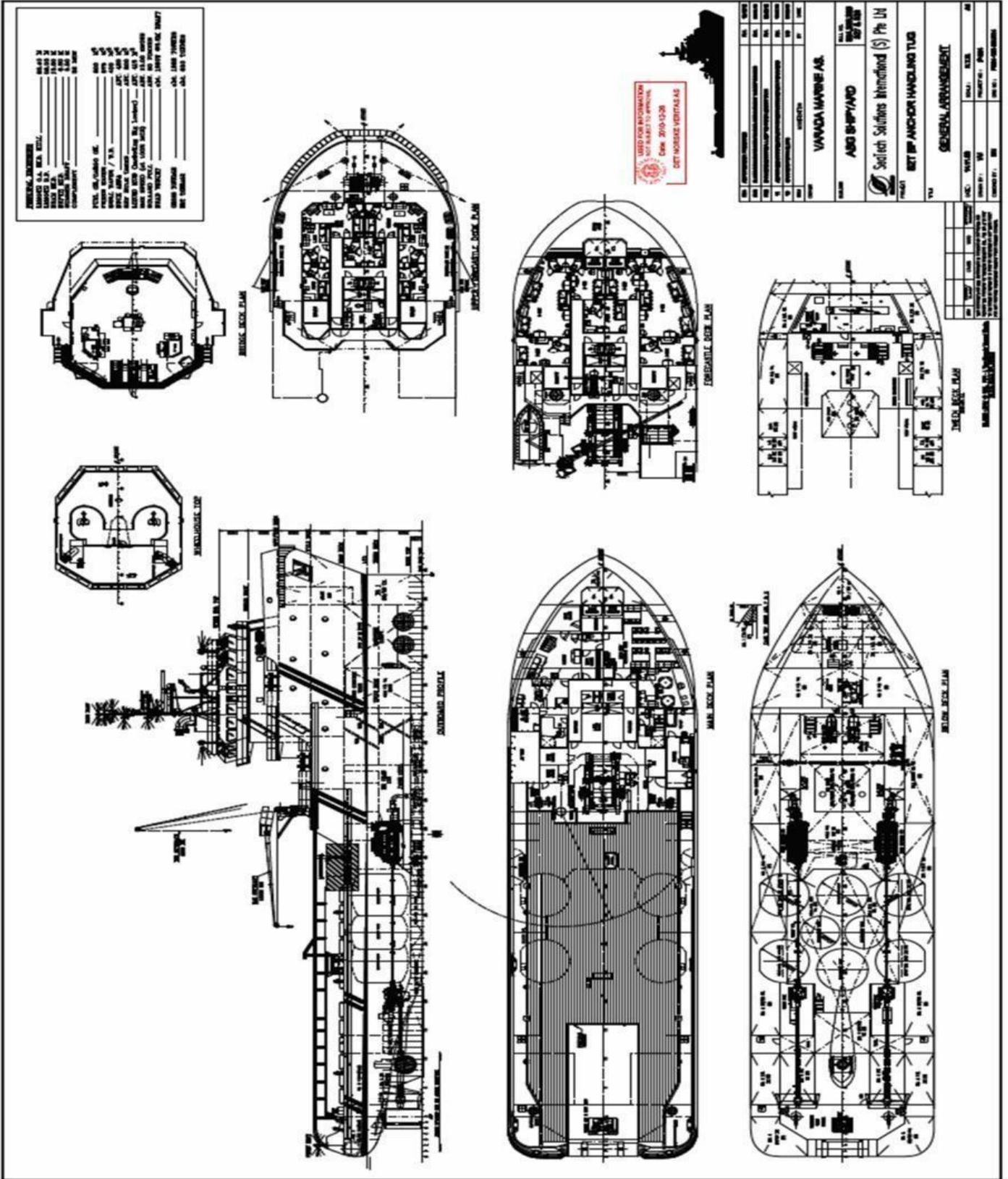
#### EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Class 1 with Water Curtain All Round
Fi-Fi Monitors	2 x Fi-Fi Monitors, 1560 m <sup>3</sup> /hr, 120 m Throw Length
Fi-Fi Pump	2 x Fi-Fi Pumps, 1560 m <sup>3</sup> /hr

#### LIFE-SAVING EQUIPMENT

Life Rafts	4 x 25 Men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 9 Men FRB, 2 x 60 HP, 20 L, SOLAS Compliant

Particulars are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notifications. Particulars are entirely without warranty as to interested parties must inspect vessel's certificates, drawings or physical inspection of vessel.



**AL HADAF MARINE SERVICES**

Email : [chartering@alhadafmarine.ae](mailto:chartering@alhadafmarine.ae)  
 Website : [www.alhadafmarine.ae](http://www.alhadafmarine.ae)

Particulars are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notifications. Particulars are entirely without warranty as to interested parties must inspect vessel's certificates, drawings or physical inspection of vessel.