



OFFSHORE SOLUTIONS UNLIMITED



**Classification:**

ABS + A1E, Offshore Support Vessel  
FFV Class 1 DPS2, IWS +AMS. TCM, SPS

**Year Built:** 2014

**Principal Dimensions:**

LOA 65.80 m (approx)  
Length B.P. 58.80 m  
Breadth Moulded 15.80 m  
GRT / NRT 2475 Tones / 742 Tones  
Deadweight 1653 tones  
Draft Moulded(scantlings) 6.00 m  
Draft Moulded (design) 5.10 m  
Depth Moulded 7.00 m  
Design Draft 5.10 mtr.

**Machinery and Propulsion:**

Main Engine 2 x 1920 kw  
medium speed Yanmar  
Propellers 2 x 4 cpp of 2600mm dia.  
Bowthruster 2 x 850 kw HRP 5007  
Stern Thruster 1 x 650 kw HRP 5007  
Generators 3x 470 kw and 1 x 95 kw  
Volvo Penta D16MG  
Shaft Generators 2 x 1152 kw  
Rudder 2 nos. Type-High Lift Becker Rudders  
FC-4.39, tourque 3.8 TM  
**Speed:** 11.5 knots @ around 100% MCR  
11.00 knots at 90% MCR

**Cargo Capacity:**

Cargo Deck Area 425<sup>2</sup>m  
Sea Water Hydrophore Tank 500 Liters  
Fresh Water Hydrophore Tank 300 Liters

**Refrigerated Storage:**

Freezer Room Capacity 24m<sup>3</sup>  
Chiller Room Capacity 20m<sup>3</sup>

**Discharge Capabilities:**

	<b>Tank Capacity</b>	<b>Discharge Capacity</b>
Fuel Oil	550m <sup>3</sup>	100m <sup>3</sup> /hr. @ 60m head
Fresh Water	280m <sup>3</sup>	100m <sup>3</sup> /hr. @ 60m head
Drill Water	650m <sup>3</sup>	100m <sup>3</sup> /hr. @ 60m head
L.O. Storage	10m <sup>3</sup>	5m <sup>3</sup> /hr @ 25m head
Bilge Holding Tank	10m <sup>3</sup>	
Sewage Holding Tank	10m <sup>3</sup>	
Dirty Bilge Tank	10m <sup>3</sup>	
Dirty Oil/Sludge	1 no. Capacity 5m <sup>3</sup> /H	

Magnetic Compass	1 unit
DGPS	1 unit JMC model DG500
GPS	1 unit JMC
Echo Sounder	1 Furuno FE700
ECDIS	2 nos. Make-Lilley & Gilley
VHF	3 unit sailor 6222
Hygrometer	1 unit
BANWAS System	Torino
Gyro Repeaters	Navigate MK2
Anemometer	1 RM Young
X Band ARPA radar	1 Vision Master Model FT500
S Band Arpa radar	1 Vision Master Model FT250
SSAS	1 sailor model 6110
AIS	1 Transas Model M3
PA System	(Make-Panasonic)
GMDSS Console	1 set, sailor 6000
Radio Installation	GMDSS A1 + A2 + A3

**Deck Machinery:**

Moonpool	4.2m x 4.2m
Stern roller	yes, 3 metres
Capstan	2 x electro hydraulic x 5t@20m/min.
Tugger winch	1 x electro hydraulic x 8t@20m/min.
Crane	30 tonnes SWL @ 20m outreach with 85m depth subsea capability

Steering Gear Unit	2 nos. Electro Hydraulic Ram Type Steering Gears of 2x6T-M Tourque Capacity at 2 x 45 deg rudder angle make-West marine
Anchors	2 x 3 tonnes HHP
Anchor Chain	12 shots
Windlass	Electrical 226WTJ-42A 00SM Motor

**Fire Fighting:**

Class 1 with water spay	
Monitor	2 x water/foam remote control
Water	2 x 1200 m <sup>3</sup> /hr.
Foam	5 tons
Range	1000kpa
Pump Capacity	2 x 1400 m <sup>3</sup> /hr.
Water Mist System	1 no. Water based Local Fire Fighting System, Make-Global Marine Safety

H2S Detection System

<p><b>Accommodation:</b>  1 Man x 17 Cabins  2 Men x 8 Cabins  4 Men x 12 Cabins  Compliment: 81 persons</p> <p>1 Separate Mess for Officers  1 Separate Mess for Crews  1 Recreation Room (One enclosed Smoke Room within the Recreation room)</p> <p>Prayer Room                    1 no. located at main deck accomm. Stbd. Aft.  Gymnasium Room            1 no. located at Forecastle deck center aft.</p> <p><b>Navigation / Communication Equipment:</b>  DSC                                1 Furuno  Inmarsat                         1 Unit  SART                                1 unit sailor  Navtex                             1 navtex frequency range 518,490  Epirb                                1 unit Sailor  Watch Keeping receiver     1 Furuno  Radars                             2 Furuno  Marine Radar                 1 no. Make-Vision Master x Band Arpa Radar  Marine Radar                 1 no. make- Vision Master FT250 S Band Table Top Radar  Doppler Speed Log system   1 Furuno  Weather Facsimile            1 unit  Gyro Compass                 1 unit Navigat moel MMK2  Auto Pilot                        1 unit</p>	<p>CO2 System                    1 no. High Pressure Fire Extinguisher System, Make-Global Marine Safety</p> <p>Fire Detection System       1 set, Make-Consoulim</p> <p><b>Life Savings Equipment:</b>  Liferafts                         10 inflatable liferafts  230 men capacity  Lifebuoys                        20 lifebuoys of PVC  4 with 30 buoyancy  6 with 90ft buoyancy</p> <p>Line Throwing                 1 set with SOLAS  Scrambling Nets              2 ea. 1 on each side  Rescue Boat                    SOLAS approved with 25hp outboard motor carrying 6 persons</p> <p>FRC                                9 men water jet Diesel engine with "A" frame davit</p> <p><b>Miscellaneous:</b>  Sewage Treatment Plant     1 no. for 100 men capacity to comply MARPOL, Model-ISS-85N</p> <p>Oily Bilge Water Separator   1 no. Model-HYN01001,15PPM Bilge alarm,1m<sup>3</sup>/h</p> <p>RO Plant/Fresh Water Maker 1 no. Capacity 25 tons, make-Cathelco Seafresh, Model-T25</p> <p>Dynamic Positioning:  +DPS2 - Kongsberg K-Pos DP-21  2 X DGPS  1 X Cyscan  1 x HIPEP</p>
<p>Disclaimer: Particulars given in this sheet is believed to be correct but not guaranteed. Owners reserved the right to amend the specifications without notification.</p>	