



Length 65.80 m, Type: DP2

Classification/Flag : ABS / Panama

Class Notation : A1, FFV Class 1, DPS-2 Offshore Support Vessel, SPS, E AMS, , TCM

Year Built: 2014 - August - 19

Principal Dimensions:

LOA 65.80 m
Length B.P. 58.80 m
Breadth Moulded 15.80 m
GRT / NRT 2475 tons / 742 tons
Deadweight 1653 tons
Draft Moulded(scantlings) 6.00 m
Draft Moulded (design) 5.10 m
Depth Moulded 7.00 m
Summer Draft 5.10 m

Machinery and Propulsion:

Main Engine 2 x 1920 kW Yanmar 6EY26W
Propellers 2 x 4 CPP of 2600mm dia.
Bowthruster 2 x 850 kW HRP 5007
Stern Thruster 1 x 650 kW HRP 5007
Main Generators 3x 470 kW Volvo Penta D16C - AMG
Emergency Generator 1 x 95 kW Volvo Penta D7A T
Shaft Generators 2 x 1152 kW Leroy Somer
Rudder 2 Nos. Make-West Marine, Type-HLFR FC-4.39, torque 3.8 TM

Speed: 11.5 knots @ around 100% MCR

11.00 knots at 90% MCR

Avg Fuel Consumption 12 m3 @ Economical / 15 m3 @ MCR

Cargo Capacity:

Total Deck Area 425m² **Available Cargo Area:** 280m²
Deck Loading: 10t/m²

Cargo Manifold:

Fuel manifold 5" Camlock system-1 Fwd & 1 Aft on Main deck both sides
Drill Water Manifold 5" Camlock system-1 Fwd&1 Aft on Main deck both sides
FreshWater Manifold 5" Camlock system-1 Fwd&1 Aft on Main deck both sides

Reducers / Hoses:

Fuel Camlock reducers 5" to 3" - 1

Water Camlock reducers 5" to 3" - 1

Oil cargo Hose: 3" x 18 MTR Oil Cargo Hoses (17 bars / 246.5 PSI)-2 Nos

Water Hose: 3" x 18 MTR Water Cargo Hoses (10 bars / 145 PSI)-2 Nos

Refrigerated Storage:

Freezer Room Capacity 24m³

Chiller Room Capacity 20m³

Deck Machinery:

Moonpool 4.5m x 4.5m
Stern roller 1 x 3 metres
Capstan 2 x electro hydraulic x 5t@20m/min.
Tugger winch 1 x electro hydraulic x 8t@20m/min.
Offshore Crane SWL 30 T x 12 m

SWL 10 T x 22 m , SWL 5T x 33 m

Steering Gear Unit 2 nos. Electro Hydraulic Ram Type
 Steering Gears of 2x5T-M Tourque
 Capacity at 2 x 35 deg rudder angle
 make-West marine

Anchor Chain 12 Length 42mm Ø x 27.5 m
Windlass Electro- Hydraulic 226WTJ-42A

Fire Fighting:

Fire Fighting Vessel Class 1

Monitor Type: 2 x water/foam remote control

Monitor Capacity: 2 x 1200 m³/hr.

Range: 120 m /30 m

Pump Capacity: 2 x 1550 m³/hr.

Water Mist System 1 - NK LP Water Mist Local Fire Fighting
 System for Machinery Space

CO2 System 1 - NK High Pressure CO2 Fixed Fire
 Fighting System for ER

Fire Detection System 1 Unit, Make-Consilium Marine AB

Accommodation:

1 Man x 17 Cabins

2 Men x 8 Cabins

4 Men x 12 Cabins

Total Complement: 81 Persons

1 Separate Mess for Officers

1 Separate Mess for Crew

1 Recreation Room

1 Prayer Room

1 Gymnasium Room

Discharge Capabilities:	<u>Tank Capacity</u>	<u>Discharge Capacity</u>	Life Savings Equipment:	
Fuel Oil / MGO	556m ³	100m ³ /hr. @ 60m head	Liferafts	10 Nos, Total Capacity 230 Persons {(3 Nos x 25 P) + (2 Nos x 20 P)} x 2 - Port & Stbd
Fresh Water	280m ³	100m ³ /hr. @ 60m head		
Drill Water -FW	671m ³	100m ³ /hr. @ 60m head	Rescue Boat	1 Nos x Rigid type - 6 Person
Ballast Water	820m ³	100m ³ /hr. @ 60m head	FRC	1 Nos x Rigid type - 6 Person
			Scrambling Nets	Total 2 (one on each side)
L.O. Storage	10m ³			
Bilge Holding Tank	10m ³			
Sewage Holding Tank	10m ³			
Dirty Bilge Tank	10m ³			
Navigation/ Communication Equipment:				
BANWAS System		Torino	V - Sat	1 unit
Gyro Compass Digital		4units Sperry Marine, Navigat X MK1	SART	2 units Sailor
Anemometer		1 John Lilley & Gillie, Walker P1249	EPIRB	1 unit Sailor
X Band ARPA radar		1 Sperry Marine Vision Master FT	Doppler Speed Log system	1 Furuno
S Band Arpa radar		1 Sperry Marine Vision Master FT	Weather Facsimile	1 unit
SSAS		1 Sailor model 6110	Auto Pilot	1 unit
AIS		1 Transas Model M3	Magnetic Compass	1 unit
PA System		1 Set -Panasonic	GPS	2 units SAAB R - 5
GMDSS Console		1 set, Sailor 6000	Echo Sounder	1 Furuno FE700
Radio Installation		GMDSS A1 + A2 + A3	ECDIS	2 nos. Make-Lilley & Gilley
Navtex		JMC NT - 2000	VHF DSC / RT	2 unit Sailor 6222
			MF / HF DSC / RT	1 unit Sailor 6301
			SAT -C	2 units Sailor 6006
Dynamic Positioning System:				
Class Definition :		DP2 - Kongsberg K-Pos DP-21		
Laser Reference:		1 x Kongsberg CyScan MK4		
HiPAP Reference:		1 x Kongsberg Transceiver Model x 81		
Wind Sensors:		3 x Gill Instruments (WindObserver II)		
DGPS Reference:		2 x Veripos LD5 - A - 3		
Miscellaneous:				
Sewage Treatment Plant		Capacity approved for 85 Pax		
Oily Bilge Water Separator		1 - 15 PPM @ 1m ³ /h		
RO Plant/Fresh Water		1 - Capacity 25 tons, make-Cathelco		
Maker		Seafresh, Model-T25		