

3,200 DWT/ 81m / DP 2 / Diesel Electric / PSV



Class Notation ABS +A1, Offshore Support Vessel (FFV1), (E), AMS, ACCU, DPS-2

Principal Particulars

Flag	TBD
Year Built	2014
Place Built	Indonesia
Max Draft	5.85 m
Gross Tonnage	2,795 T
Net Tonnage	1,079 T
Deadweight (Max Draft)	3,258.8 T @ 5.85m draft
Displacement	6,761 T
IMO No.	
MMSI No.	
Design	Rolls-Royce UT 755
Call Sign	

Dimensions

Length Overall	81.29 m
Beam Overall	16.00 m
Depth Moulded	7.00 m

Performance

Max Speed	12.00 kts
Economical Speed	10.00 kts

* Subject to actual weather and operating conditions

Cargo Deck

Deck Cargo Area	650.0 m ²
Deck Cargo Dimension	50.0 m x 13.0 m
Deck Cargo Capacity	1,475 T
Deck Strength	5.0 T/m ²
Reefer Point	4 (2 x 440V, 2 x 220V)

Capacities

Fuel Tank *	1,100 m ³
Fresh Water *	770 m ³
Drill Water *	1,465 m ³
Ballast Water *	1,200 m ³
Mud Tank *	910 m ³
Brine Tank *	910 m ³
Dry Bulk Tank	315 m ³ (in 6 tanks)

* Indicates tanks with shared capacity

Discharging Rates

Drill Water/Pump	1 x 200 m ³ /hr @ 9 bar
Fresh Water/Pump	1 x 200 m ³ /hr @ 9 bar
Fuel/Pump	1 x 200 m ³ /hr @ 10 bar
Brine/Pump	1 x 75 m ³ /hr @ 18 bar
Liquid Mud/Pump	1 x 75 m ³ /hr @ 18 bar
Dry Bulk Tank	2 x 22.8 m ³ /min @ 6 bar
Emergency Fire Pump	1 x 32 m ³ @ 7 bar

Accommodation

1 – Berth Cabins	8
2 – Berth Cabins	16
Total (POB)	40

Machinery & Equipment

Diesel Generator	Cummins 4 x 1300 BHP, 440V/60Hz each
Emergency Generator	Cummins 563.23 kW, Alternator 400 kW, 440V/60Hz

Thruster & Propulsion

Azimuth Thruster	Rolls-Royce, 2 x 1,600 kW @ 1.80 rpm
Bow Thruster	Rolls-Royce, 2 x 590 kW, 440V/60Hz each

Deck Crane

Fixed Crane	TTS Knuckle Boom Crane SWL 3.0 T @ 16.0 m radius
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Mooring Equipment

Anchors	2 x SPEK Type Anchor; 2,850 kg each
Anchor Windlass	1 x 13.0 T each @ 0-12 m/min
Tugger Winch	2 x 10.0 T each @ 12 m/min
Capstan	1 x 8.0 T each @ 0-16 m/min

Dynamic Positioning System

DP Class	DP 2 Dynamic Positioning system type Rolls-Royce
References	2 x DGPS + 1 x Fan Beam + 1 x Radius

Fire Fighting and Rescue

Firefighting System	FiFi 1
FiFi Pump	2 x 1,500 m ³ /hr @ 1,800 rpm
FiFi Monitor	1 x 1,200 m ³ /hr, throw length 120m
Spray Boom	Nil
Dispersant Capacity	Nil
Foam Capacity	5.2 m ³
Rescue Boat	1 x 15 man / rigid / 170 hp
Life Raft	6 x 20-person capacity
Life Buoy	8
Life Jacket	56 (52 adults – 4 children)