

PRINCIPAL DIMENSIONS

GT/NT	2313/693	SAT-C NO.	441927598
LOA	65.00m	LBP	58.5 m
Breadth	16.00m		
Depth	6.20 m	Draft (SLL)	5.00 m
Year of built	2016		
Class	ABS, *A1, Towing Vessel, AH, FFV Class 1, OSV, E, *AMS, * DPS- 2, OSR-. C1, SPS		

CARGO CAPACITIES

Lightship	2040	Deck Cargo	600 MT	Clear Deck Area	435 m ³
Deadweight	1699 MT@5.00 m	Deck Strength	7.0 t/m ²		
Deck crane	Hydraulic, Single Stage Telescopic /SWL-02 T/ Reach 2.5-15 Mtr				
Fuel Oil	587 m ³ / Fuel Oil Cargo	106 m ³ /hr@70 m	Potable Water	422 m ³ F/ Water Cargo	100 m ³ /hr @70 m
Ballast/DW	564 m ³ / Ballast/Drill Water	100 m ³ /hr @70 m	Mud/Brine/RO	458 m ³ (2.5 SG)	Mud/Brine/RO 75 m ³ /hr@18 bar
Base Oil	192 m ³ / Base Oil	50 m ³ /hr@70 m	Cement/Barite	150m ³ (2.8 S.G)	

MACHINERY/PROPULSION

• Main Engine	Yanmar 6866 BHP Total, 2560KW each @ 750RPM				
• Speed	13.0 knots/ 21.1 MT/Day Eco. Speed 8.0 Max. knots/ 11.3 MT/Day				
• Shaft Gen	2 × 1140 KW each // Main Gen 3 x 492 KW Each//Standby 4.4 MT/Day, Main Engines at 10% MCR,				
• Propeller	2 × Schottel, CPP in Nozzles, 3000 mm diameter				
• Bow Thruster-	Make: Kawasaki: KT-88B3, 2 × 640Kw Each x 1450 RPM/410 (Prop. RPM) 10T.Thrust				
• Stern Thruster	Make: Kawasaki Model: KT-72B3, 1 × 515KW,1470 RPM/480(Prop. RPM)/Rated thrust : (78Kn) – 8T				
• Nylon Stretcher	Make: Dong Yanp Rope mfg.co Ltd, Korea, Length: 15m Circ.:14 Inch, Max. Break Load :210.2 Ton				

ANCHOR-HANDLING/TOWING

• AHT Winch	Double-Drum Waterfall, Pull -150 T at 1 st Layer, Brake - 250 MT, Drum-900 m of 58 mm dia. wire x 02 Nos				
• Tow Pin	1 pair Karmoy, Rated for up to 160 MT	Storage Reel wire	1 × 900 m of 58 mm dia.		
• Bollard Pull	81.01 MT	Chain/Wire Stopper	Karm Fork, 300 T SWL		
• Stern Roller	4.4 × 1.7 m, 250 T SWL	Tugger	2 x 10 T Pull (230 m x22mm) x 02 Nos		
• Capstan	2 x 10 T Pull	Port / stbd anchors	9 shackles / 8 shackles		

DP2 SYSTEM/EI11

• Maker	Kongsberg K-Pos 21	Pump	-2 x 1736m ³ /hr @125m Head
• Gyro	3 x Anschutz STD 22	Water Monitor	-1x 1200 m ³ /hr, 120/50 m
• Wind Sensor	3 × Gill Ultrasonic	Water/Foam Monitor	-1x 1200/300 m ³ /hr
• MRU	3 × Seatex MRU 2		
• DGPS	Seatex, DPS 110 and 112		
• Laser Sensor Cyscan	MK 4 Cyscan Reflector 02 Nos		

THIS VESSEL IS DESIGNED TO CARRY 24 PASSENGERS WITH SUITABLE ACCOMMODATION