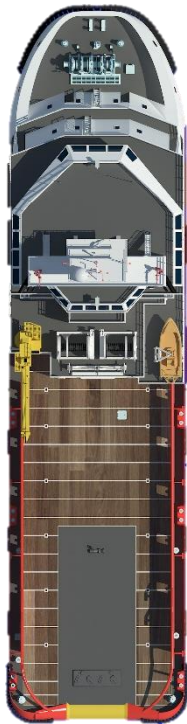


ENA E-Class

130TBP / 9,000bhp / DP2 / FIFI1 / AHTS



ENA Enterprise ENA Endeavour

9,000bhp
DPS-2 Positioning System
Built 20016
130 MT Bollard Pull
250 MT Winch Pull
FIFI-1
500 m ² Deck Space
1,030 m ³ Fuel Oil Capacity
450 m ³ Fresh Water Capacity
600 m ³ Mud Capacity (with BO)
300 m ³ Base Oil Capacity
230 m ³ Cement Capacity

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ENA E-Class

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Principal Particulars

Flag	Singapore
Built	2016
Length Overall	70.00 m
Length B.P.	61.20 m
Beam Overall	17.20 m
Depth Moulded	7.50 m
Design Draft	5.20 m
GRT	Approx 2,500
Speed	13 knots @ 85% MCR

Classification

ABS +A1(E) Offshore Support Vessel, (Supply-HNLS, AH, Tow, OSR-C1, FF1), SPS, +AMS, +DPS2, ENVIRO, GP, MLC-ACCOM, ACCU, UWILD, BWT

Capacities

Fuel Oil	1,030 m3 (with Mud CFO)
Potable Water	450 m3
Mud	609 m3 (with Base Oil)
Base Oil	309 m3
Brine	786 (with Chain Locker)
Water Ballast/ Drill Water	1,147 m3
Dry Bulk	257 m3
Rig Chain Locker	176 m3
Lube	15 m3
Dispersant	10 m3
Deck Cargo Area	500 m2
Deck Cargo	About 1,000 tons
Cargo Deck Load	7.5 tons/m2

Discharging Rates

Fresh Water	1 x 150 m3/hr @ 80m head
Fuel Oil	2 x 150 m3/hr @ 80m head
Liquid Mud/ Brine/Rec Oil	2 x 75 m3/hr @ 20 bar
Drill Water	1 x 150 m3/hr @ 80m head
Bulk Compressors	2 x 20 m3/min @ 80 psi
Flow Meter	Provided for all cargo

Accommodation

1-Berth Cabins	8
2-Berth Cabins	21
Berths - Total	50
Additional Facilities	Gym, Hospital, Recreation Room, Office

Life Saving / Rescue Equipment / Pollution Control

Fast Rescue Boat	6 Person, 60 hp engine
Life Raft & Davit	6 x 25 men, conforming to SOLAS convention
Firefighting	FIFI 1
Foam Tank	10 m3
Oil dispersant spray boom at mid-ship on both sides, spray boom, deluge system, sprinkler system, fixed CO2 system	

Machinery & Propulsion Equipment

Main Engines	2 x 4,500 bhp diesel engine, PTO
PTO/PTI	Fitted on both main engines for free-running on a single engine
Generators	3 x 534 kW diesel generators 2 x 1,700 kW shaft alternator 1 x 250 kW emergency diesel generator
Propellers	2 x CPP in Kort Nozzles
Bow Thruster	2 x 10 MT, CPP
Stern Thruster	2 x 8 MT, CPP
Auxiliary Crane	1 x 5MT @ 17m, telescopic
Subsea Crane	1 x 50MT AHC Crane (Option)

Anchor Handling Equipment

Main Winch	RRM Double Drum Low Pressure Winch 250 MT Pull 350 MT Brake Capacity: 2,000 m x 76 mm dia (per drum) 76mm and 84mm Gypsies
Rope Reels	2 x 10 MT pull @ 15 m/min Capacity: 2,000 m x 76 mm dia
Tugger Winch	2 x 10 MT @ 15 m/min
Capstan	2 x 10 MT @ 15 m/min
Shark Jaws	2 x 350 MT
Towing Pins	2 x 200 MT
Stern Roller	2.0 m dia x 6.0 m, 450 MT

Dynamic Positioning System

Type	Kongsberg, IMO Class DP2
Reference Systems	1 x Laser Reference 1 x Radscan 2 x DGPS 2 x Wind Anemometer
Control	2 x DP Workstations at aft bridge 1 x Independent Joystick

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Normal Mooring Equipment

Anchor Windlass	2 x 10 MT @ 9 m/min for chain
Anchor	2 x 2,240 kg stockless anchors stowed in anchor pockets
Chain Cable	Total 660 m x 44 mm diameter stud-link chain

Navigation and Communication Equipment

GMDSS (Area A3), Mini-M, Radars, Gyro-compass, Auto Pilot, GPS, Satellite Navigator, SSB, VHF, Echo Sounder, Navtex receiver, Weather fax, AIS

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Tank Name	Fuel (MGO) m ³ - 0.85 t/m ³	Lub. Oil m ³ - 0.90 t/m ³	DW/BW m ³ - 1.025 t/m ³	Mud m ³ - 2.50 t/m ³	Bulk m ³ - 2.50 t/m ³	Chain m ³	Brine m ³ - 2.50 t/m ³	Fresh Water m ³ - 1.00 t/m ³	Misc. m ³
No.1 FO (P)	37.0								
No.1 FO (S)	37.0								
No.2 Cargo FO (P)	98.9								
No.2 Cargo FO (S)	111.0								
No.3 FO (C)	114.7								
No.3 Cargo FO (P)	135.1								
No.3 Cargo FO (S)	126.6								
FO D(P)	21.2								
FO D(S)	21.2								
No.1 Mud/Brine/RO Tank/Base Oil/Cargo FO (P)	154.5			154.5			154.5		
No.1 Mud/Brine/RO Tank/Base Oil/Cargo FO (S)	149.0			149.0			149.0		
FO Overflow Tank	24.4								
No.2 Mud/Brine/RO Tank (P)				153.1			153.1		
No.2 Mud/Brine/RO Tank (S)				153.1			153.1		
Rig CL/Brine (P)						81.2	81.2		
Rig CL/Brine (S)						81.2	81.2		
Fore Peak/No.1 WB/DW			166.0						
No.2 WB/DW (C)			42.2						
No.3 DW/WB (P)			31.0						
No.3 DW/WB (S)			31.0						
No.4 DW/WB (P)			37.7						
No.4 DW/WB (S)			37.7						
No.5 DW/WB (P)			36.1						
No.5 DW/WB (S)			36.1						
No.5 DW/WB (DC)			36.7						
No.5 DW/WB (DP)			30.0						
No.5 DW/WB (DS)			30.0						
No.6 DW/WB (P)			30.2						
No.6 DW/WB (S)			30.2						
No.6 DW/WB (DP)			26.7						
No.6 DW/WB (DS)			26.7						
No.7 DW/WB (P)			34.7						
No.7 DW/WB (S)			34.7						
No.7 DW/WB (DP)			34.8						
No.7 DW/WB (DS)			34.8						
No.8 DW/WB (P)			24.7						
No.8 DW/WB (S)			24.7						
No.8 DW/WB (DC)			40.3						
No.8 DW/WB (DP)			25.1						
No.8 DW/WB (DS)			25.1						
No.9 DW/WB (P)			81.1						
No.9 DW/WB (S)			84.8						
No.10 DW/WB (P)			35.0						
No.10 DW/WB (S)			39.2						
No.1. Dry Bulk					64.5				
No.2. Dry Bulk					64.5				
No.3. Dry Bulk					64.5				
No.4. Dry Bulk					64.5				
No.1 Potable Water (P)								56.7	
No.1 Potable Water (S)								55.9	
No.2 Potable Water (P)								93.3	
No.2 Potable Water (S)								93.3	
No.3 Potable Water (P)								48.6	
No.3 Potable Water (S)								48.6	
No.4 Potable Water								29.3	
No.5 Potable Water								39.5	
Foam (P)									19.5
Dispersant (S)									19.5
AE LO (P)		8.8							
ME LO (S)		12.7							
Hyd Oil (S)									4.8
Dirty Oil									24.5
Bilge Holding									24.5
Sewage									20.4
LO Sump (P)		5.2							
LO Sump (S)		5.2							
Total (m³)	1030.6	31.9	1147.3	609.7	258.0	162.4	772.1	465.2	-
Total (bbl)	6481.8	200.6	7215.7	3834.6	1622.6	1021.4	4856.0	2925.8	-