



BRITOil DISCOVERY

7000 BHP | 90 TBP | DP-2 AHTS

Class Notation: ABS Class ~~A~~A1, Offshore Support Vessel (AH, FFV 1, OSR-C2, SPS, Supply-HNLS,TOW), ~~E~~E, ~~A~~AMS, ~~D~~DPS-2

Main Particulars

Flag	Singapore
Call Sign	9V7011
IMO No.	9774915
Year Built	2021
Max Summer Draft	5.90m
Gross Tonnage	2,624 T
Net Tonnage	787
Deadweight (Max Draught)	2,300 T

Dimensions

Length Overall	65.00m
Beal Overall	16.80m
Depth Moulded	7.00m

Performance

Max Speed	abt 21.6 m ³ per day @ 13.14 kts
Service Speed	abt 18m ³ per day @ 8kts
Towing	22.1m ³ per day
Standby	abt 2m ³ per day

**Subject to actual weather and operating conditions*

Cargo Deck

Deck Cargo Area	480m ²
Deck Cargo Dimension	abt 14m x 34m
Deck Cargo Capacity	750 T
Deck Strength	7T/m ²

Capacities

Fuel Tank	522 m ³ / 438.5 MT (90%)
Fresh Water	450 m ³
Drill Water*	650 m ³
Mud /Base/Brine*	560 m ³
Dry Bulk Tank Oil Recovery*	230 m ³ (8,124 cuf)

**indicates tanks with shared capacity*

Main Engines & Generators

Main Engine	2 x Niigata 8L28AHX 3500BHP Total: 7000 BHP
Generator	4 x Leroy Somer ARCB595 550KW driven by C18 Caterpillar Diesel Engines
Emergency Generators	1 x CAT C6.6 136kW

Thrusters & Propulsion

Bow Thruster	2 x Kawasaki KT-88B3 Bow Tunnel 2 x 11T Thrust
Azimuth Stern Thruster	2 x Niigata ZP Azimuth
Propeller	2 x FPP with Kort Nozzles and variable RPM

Deck Crane

Fixed Crane	1 x Telescopic crane 3T @ 15M
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Anchor Handling/Tow Equipment

Tow/AH Winch Pull Capacity	150T @ 6m/min
Brake Holding Capacity	250T
Tow Drum Capacity	60 mm dia. x 1,200M wire rope
Anchor Handling Capacity	60 mm dia. x 1,200M wire rope
Spare Tow Wire Capacity	60 mm dia. x 1,200M wire rope
Tugger Winch	2 x 10 tons @ 15m/min
Capstan	2 x 10 tons @ 15m/min
Shark Jaws	250T SWL
Tow Pins	350T SWL
Stern Roller	4.4m x 1.7m; 250T SWL

Mooring Equipment

Anchor	2 x Stockless Anchors 1,980kg
Anchor Chain	40mm stud-link chain Stbd x 11 Øs, Pt x 12 Øs
Anchor Windlass	2 x 10T @ 9m/min

Dynamic Positioning System

DP Class	Class 2
References	2x DGPS; 1x Cyscan; 2x MRU; 1 x RADIUS
Joystick	cWing

Discharge Rates

Drill Water/Pump	100m ³ per hr at 70m head
Fresh Water/pump	100m ³ per hr at 75m head
Fuel/Pump	150m ³ per hr at 70m head
Mud /Base/Brine Tank /Pump	2 x 70m ³ per hr

Communications Equipment

HF radio	FURUNO FS-2575
VHF Radio	2 x FURUNO FM-8900S
Portable VHF Radio's	3 x McMurdo R2

Navigation Equipment

Radar No. 1	Furuno FAR-2117
Radar No. 2	Furuno FAR-2117BB
DGPS	Furuno GP 170
Echo Sounder	Furuno FE 800
Navtex	Furuno NX 700A
Auto Pilot	Anschutz NP60
Gyro Compass	Anschutz STO22

Fire Fighting and Rescue

Firefighting System	FiFi-1
FiFi Pump	2 x 1200 cum per hr; 10 bars
FiFi Monitor	2 units
Spray Boom	2 units x 6m
Foam Capacity	10m ³
Rescue Boat	6-man SOLAS approved with diesel engine
Life Raft	6x 25 men

Accommodation

11 x 1 Single man cabin	11 pax
2 x 2 men cabins,	4 pax
1 x 3 men cabins	3 pax
8 x 4 men cabins	32 pax
Total	50 pax

