



BRITOIL DISCOVERY

7,000 BHP | 90 t BP | DP2 AHTS

Class Notation: ABS + A1(E) OSV (AHT, TOW, SUPPLY, FFV1, OSR-C2, SPS + AMS + DPS2)

Main Particulars

Specification	Details
Flag	Luxembourg
IMO	9774915
Call Sign	LXAQ8
Built	2021
Length Overall	65.0 m
Beam Overall	16.8 m
Depth	7.0 m
Loaded Draft	5.9 m
Gross Tonnage	2,624 t
Net Tonnage	787 t
Deadweight	2,300 t

Machinery & Propulsion

Component	Details
Main Engines	2 x Niigata 8L28AHX, 3,500 BHP each (7,000 BHP total)
Main Generators	4 x Leroy-Somer ARCB595, 550 kW, driven by CAT C18 diesels
Emergency Generator	1 x CAT C6.6, 136 kW
Bow Thrusters	2 x Kawasaki KT-88B3 tunnel, 11 t thrust each
Azimuth Stern Thrusters	2 x Niigata ZP azimuth
Propellers	2 x FPP in Kort nozzles, variable RPM

Deck & Anchor Handling Equipment

Component	Details
Towing / AH Winch Pull	150 t @ 6 m min ⁻¹
Brake Holding	250 t
Tow Drum Capacity	60 mm $\varnothing$ x 1,200 m
AH Drum Capacity	60 mm $\varnothing$ x 1,200 m
Tugger Winches	2 x 10 t @ 15 m min ⁻¹
Capstans	2 x 10 t @ 15 m min ⁻¹
Shark Jaws	250 t SWL
Tow Pins	350 t SWL
Stern Roller	4.4 m x 1.7 m, 250 t SWL

Accommodation

Accommodation	Details
Single-berth	11
Two-berth	2
Three-berth	1
Four-berth	8
Total Berths	50

Communications Equipment

Item	Details
HF Radio	Furuno FS-2575
VHF Radio	2 x Furuno FM-8900S
Portable VHF Radios	3 x McMurdo R2
Radar No. 1	Furuno FAR-2117
Radar No. 2	Furuno FAR-2117-BB
DGPS	Furuno GP-150
Echo Sounder	Furuno FE-700
NAVTEX	Furuno NX-700B
Autopilot	Anschütz NP-60
Gyro Compass	Navigat X Mk 1

Performance and Fuel Consumption

Performance	Speed	Fuel Consumption
Maximum	12 kn	14.0 t d ⁻¹
Economical	8 kn	9.0 t d ⁻¹
DP Mode	—	7.0 t d ⁻¹
Stand-by at Sea/Steaming	—	5.0 t d ⁻¹
Stand-by in port	—	1.5 t d ⁻¹

* Subject to weather and operating conditions

Tank Capacities

Tank	Capacity	Discharge Rate
Fuel Oil	522 m ³	150 m ³ hr ⁻¹ @ 70 m head
Potable Water	450 m ³	100 m ³ hr ⁻¹ @ 75 m head
Drill Water *	650 m ³	100 m ³ hr ⁻¹ @ 70 m head
Mud / Base Oil / Brine *	560 m ³	2 x 70 m ³ hr ⁻¹
Dry Bulk / Oil-recovery *	230 m ³ $\approx$ 8,124 ft ³	-

* Tanks with shared capacity

Cargo Deck

Cargo Deck	Details
Clear Deck Area	480 m ²
Deck Dimensions	14 m x 34 m
Deck Capacity	750 t
Deck Strength	7 t m ⁻²

Tow / Anchor Handling Wires

Wire	Details
Main Tow Wire	58 mm $\varnothing$ x 1,000 m
Spare Tow Wire	58 mm $\varnothing$ x 1,000 m
Anchor Handling Wire	48 mm $\varnothing$ x 150 m

Electronics & Dynamic Positioning (DP)

System	Details
Dynamic Positioning	Class 2
DP Reference	2 x DGPS; 1 x Cyscan; 2 x MRU; 1 x RADIUS
Joystick	cWing

Special Equipment

Equipment	Details
Fire Fighting	Fifi-1
Fifi Pumps	2 x 1200 m ³ hr ⁻¹ ; 10 bar
Fifi Monitors	2 x 6 m throw
Foam Capacity	10 m ³
Spray Booms	2
Deck Crane	1 x telescopic, 3 t @ 15 m

Rescue & Safety

Equipment	Details
Rescue Boat	6-man SOLAS approved with diesel engine
Life Raft	6 x 25 persons

Navigation Equipment

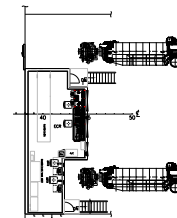
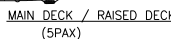
Item	Details
Radar No. 1	Furuno FAR-2117
Radar No. 2	Furuno FAR-2117-BB
DGPS	Furuno GP-150
Echo Sounder	Furuno FE-700
NAVTEX	Furuno NX-700B
Autopilot	Anschütz NP-60
Gyro Compass	Navigat X Mk 1

rev 1.3 - 19 June 2025

Details given in good faith but not guaranteed. Owners reserve the right to amend specifications without notification.



FRONT VIEW



LENGTH OA _____ 65.00 M
LENGTH BP _____ 57.30 M
BEAM MLD. _____ 16.80 M
DEPTH MLD. _____ 7.00 M
DRAFT DESIGNED _____ 5.00 M
DRAFT SCANTLING _____ 5.90 M
COMPLEMENT _____ 50 MEN

MAIN ENGINE _____ 2 x 3,500 PS
TRIAL SPEED _____ 12.5 KTS
BOLLARD PULL _____ 84 T

DEADWEIGHT _____ 2,300 T
CARGO DECK AREA _____ 480 M²@7T/M²
DECK CARGO _____ 750 T

FUEL OIL	_____	580	M ³
D.W./W.B.	_____	650	M ³
POTABLE WATER	_____	450	M ³
MUD/BRINE/R.O.	_____	560	M ³
CEMENT	_____	230	M ³

CLASS: ABS  OFFSHORE SUPPORT VESSEL
(AUTOM.
SUPPLY,
FFV 1,
OSR-C2)
SPS
CRC
 AMS
 DPS-2

