



ASN C/S ILE D'OUessant

CABLE MAINTENANCE VESSEL

VESSEL SPECIFICATIONS

The Ile d'Ouessant vessel is one of the Maintenance vessels in the ASN fleet. Ile d'Ouessant has been specifically equipped by ASN to perform cable repairs, post repair burial and pre-lay grapnel run. The vessel is equipped with a Kongsberg DP2 and a ROVJET 400 with 2500m water depth capability for deep water post repair burial.

Ile d'Ouessant is assigned to the Atlantic Private Maintenance Agreement which covers the Atlantic as well as the Caribbean and the Pacific America west coast from the United States to Peru. The vessel, if not in operation, is strategically harboured in Cape Verde with personnel on board 24/7.

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**ALCATEL
SUBMARINE
NETWORKS**

C/S ILE D'OUessant

VESSEL SPECIFICATIONS

Vessel Description

- TYPE Cable laying vessel
- CLASSIFICATION I X HULL X MACH / Offshore Support Vessel Oil recovery, Supply, -heavycargo / Unrestricted Navigation / COMF-NOISE 3, COMF-VIB 3, AUT UMS, MON-SHAFT, CLEANSHIP, INWATERSURVEY, DYNAPOS AM/AT R, SDS
- POR Marseille
- REGISTERED NUMBER RI 935760F
- IMO NUMBER 9427108
- VESSEL BUILT 2011
- DYNAMIC POSITIONING DP II

Main Dimensions

- LENGTH OVERALL 91.70 m
- LENGTH BETWEEN PERPENDICULARS 80.40 m
- BREADTH MOULDED 19 m
- SUMMER DRAUGHT 6.55 m
- DEPTH 1ST DECK TO BASELINE 8.00 m
- DEADWEIGHT AT DRAUGHT 4,675 mt

Cable Tank Capacities

- MAIN CABLE TANK 1 x 225 m³
- SPARE CABLE TANK 2 x 27 m³
- REPEATER STORAGE 12

Accommodations

- SINGLE CABINS 12
- DOUBLE CABINS 24

Engine and Propulsion

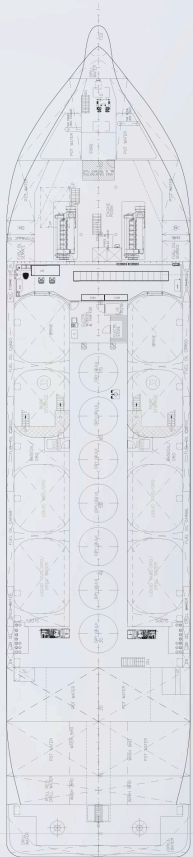
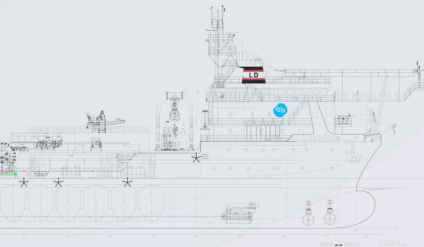
- PROPULSION 2 CPP driven by each diesel engine @ 750 rpm
- OUTPUT 3,300 kW
- TRANSIT SPEED 11.5 knots

Thrusters

- BOW THRUSTERS 2 x 830 kw. CPP, tunnel type
- AFT THRUSTERS 2 x 830 kw. CPP, tunnel type

Auxiliaries

- D/G ENGINE TYPE 2 x Caterpillar CAT3406DITA 344.5 kW
- EMERGENCY GENERATOR 1 x CAT3406 277 kW



Cranes

- SUBSEA CRANE Knuckle boom / AHC / 2000 m hook travel
 - 70t SWL @ 11 m radius
 - 25t SWL @ 25 m radius
- FLY JIB CRANE 10t SWL @25 m radius / 1,5t man riding capacity / 400 m hook travel
- OFFSHORE SERVICE CRANE 5t SWL Sheave Crane
- SERVICE CRANE 5t SWL @ 15m radius

Cable Installation Equipments

- DRUM CABLE ENGINE 2 x 25t SWL DCE Hydralift, 4 m Diameter
 - Pick up mode:
 - Max tension: 25 mT at 1.5 knots
 - Max speed: 8 knots at 5 mT
 - Pay out mode:
 - Max tension: 25 mT at 1.9 knots
 - Max speed: 10 knots at 5 mT
- LCE LINEAR CABLE ENGINE 2 x 4WP DOHB Hydralift
 - Draw off mode:
 - Max tension: 2 mT at 60m/min
 - Max speed: 220 m/min at 0.5 mT
 - Hold Back mode:
 - Max tension: 2 mT at 90m/min
 - Max speed: 220 m/min at 0.85
- PFE 2 x 1WP Transporter
- PFE 1 x 10 kV Spellman Power Feed Equipment

ROV Work Class ROV 400 - (see ROV Specification datasheet for additional information)

- MAXIMUM DEPTH RATING 2,500 m
- WEIGHT IN AIR 9.8 mT with tracks / 9 mT without tracks
- TOTAL POWER 300 kW (400 HP)
- JETTING TOOL 1x1.5 m Jetting Sword
1x2 m Jetting Sword

Survey and Navigation Equipments

- GYROCOMPASS 2 x Gyro Navigat 2100
1 x Gyro Alpha Minicourse
- UNDERWATER POSITIONING 2 x SIMRAD MST Transponder
2 x KONGSBERG C-NODE Mini S34
1 x MPT Transponder
1 x MST Floatation Collar
1 x HPR HiPAP 501 Transducer
1 x Hipap Transceiver Unit
- DYNAMIC POSITIONING SYSTEM DP Kongsberg SDP21 - 2 Operating stations and 2 controllers
- ECHO SOUNDER 1 x Hatteland HD 19T21
- DIFERENTIAL GPS 2 x GNSS Antennas GA810
2 x DGNS Receiver FUGRO 9205
- CABLE LAYING SOFTWARE WinFrog

