CABLE MAINTENANCE VESSEL
C/S ILE D’OUESSANT
**Main Class Symbols:** I ♠ Hull ♠ Mach

**Service Notations:** Offshore Support Vessel
Oil recovery, Supply, -heavycargo

**Navigation Notations:** Unrestricted Navigation

**Addional Class Notation(s):** COMF-NOISE 3, COMF-VIB 3, ♠AUT UMS, MON-SHAFT, CLEANSHIP, INWATERSURVEY, ♠ DYNAPDS AM/AT R, SDS

**Flag:** French RIF

**Propulsion:** 2 CPP driven by each 3,000 kW diesel engine @ 750 rpm
Bow thrusters: 2 x 830 kw. CPP, tunnel type
Aft thrusters: 2 x 830 kw. CPP, tunnel type

**IMO:** 9427108
**Built Year:** 2011
**LOA:** 91,70 m
**Breadth mld.:** 19,00 m
**Owner:** ASN Marine
**Ship Manager:** Louis Dreyfus Armateurs

**Accommodation:**
- Maximum complement: 60 persons
  - 12 Single cabins
  - 24 Double cabins

**Classification**

**Subsea Crane**
- Type: Knuckle boom
- Capacity with AHC:
  - 70t SWL @ 11 m radius
  - 25t SWL @ 25 m radius
- 2000 m hook travel
- Active Heave Compensation: 70t SWL (+/- 3 m)
- Fly Jib: 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 @ 15 m radius

**Working Decks**
- Free deck space on main & cable working decks: 150m²
- Main deck strength: 5t/m²
- Cable working deck: 1t/m²
- Large removable hatch (100m²) on cable working deck designed for subsea operations

**Cable Laying Software:** Winfrog

**Cable Machinery**
- 2 x 25 t SWL drums, 4 m diameter
- 2 x 4 WP DOHB
- 2 x 1 WP transporters
- 2 x 10 t SWL tugger winches
- Stern sheave fitted with double roller (1.2 m width)

**Remote Operated Vehicle**
- 1 x 400 hp ROV Jet
- Single arm type davit (Dynacon)
- 2500 m ombilical

**Cable Maintenance Vessel**

**Class:** MANEUVRING

**Propulsion System**

**Speed Endurance**
- Service Speed: 12.5 knots
- Max Speed: 14.8 knots
- Endurance: 30 at service speed
  - Type DPI
  - Maker: Kongsberg K-pos DP-21
- Reference:
  - FAN BEAM Lazer
  - 2 x DGPS
  - HiPAP 500
  - Spare HiPAP trunk
  - Transponder deployment with 3,500 m winch

**Electric Production**

**Shaft alternators 2 x 2,000 kW**
**Auxiliary Diesel gensets 2 x 320 kW**
**Emergency genset 1 x 250 kW**

**Capacities**
- MGO: 1,175 m³
- Potable water: 1,370 m³

**Cable Maintenance Appliances**

- Main Cable tank: 225 m³
- Aux. Cable tanks: 2 x 37 m³
- 2 x rope tanks
- Repeater storage: 12 units, fully AC storage

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