

ASN C/S ILE DE MOLÈNE CABLE MAINTENANCE VESSEL

VESSEL SPECIFICATIONS

The Ile de Molène vessel is the newest Maintenance vessels in the ASN fleet. Ile de Molène has been specifically equipped by ASN to perform cable repairs, post repair inspection and burial and pre-lay grapnel run.

The Ile de Molène is assigned to the Atlantic Private Maintenance Agreement Area which covers the Atlantic, the Caribbean and the Pacific America west coast. The Vessel is strategically harboured in Curacao with a full complement of personnel on board to undertake repairs.

The Ile de Molène has been specifically converted for submarine cable installation and maintenance in order to handle the mid and northern Atlantic weather conditions. The vessel is equipped with a Kongsberg DP2.





Vessel Description

• TYPE • • • • Cable laying vessel

• CLASSIFICATION • • • • • • I [HULL [MACH Offshore support vessel -heavycargo

COMF-NOISE 3, COMF-VIB 3, [AUT-UMS, [

DYNAPOS AM/AT R, SDS

• POR • · · · · · Marseille

• REGISTERED NUMBER · · · · · · · · · · · RI 937299D

• IMO NUMBER • • • • • • 9329928

LTD.- Yantai, China 2006

• DYNAMIC POSITIONING · · · · · · DP II

Main Dimensions

• LENGTH OVERALL ••••• 99.57 m

• LENGTH BETWEEN PERPENDICULARS · · · · · · · 81.6 m

• BREADTH MOULDED ······ 22.06 m

• SUMMER DRAUGHT • · · · · · · · · · · · · 6.51 m

• DEADWEIGHT AT DRAUGHT • · · · · · · · · · 3774 mT

Cable Tank Capacities

• MAIN CABLE TANK ••••••• 2 x 450 m³

• REPEATER STORAGE • · · · · · · · · · · 6 x repeater Trolley stored in tem-

perature-controlled area

Accomodations

• SINGLE CABINS • • • • • • • • • 36

• DOUBLE CABINS • • • • • 6

Engine and Propulsion

• PROPULSION • · · · · · 2x Mak 8M25 2320kW at 720rpm 1800kW at 720rpm 2x Mak 6M25

• TRANSIT SPEED • • • • • • 11.5 knots

• EMERGENCY GENERATOR · · · · · · · · · · Caterpillar 3406C – 345 kW

Thrusters

• MAIN PROPULSION • · · · · · · · · · · · · 2 x 3000kW Azimuthing Contra rotating propellers

• BOW THRUSTERS •••••• 2 x 1100 kw TT2000 - 4 blades

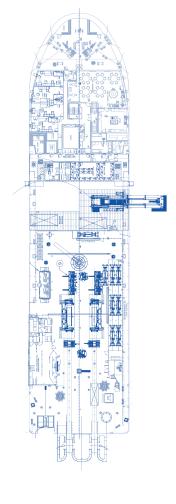
1x 880 Kw azimuth thruster

Cranes

• FORWARD DECK CRANE · · · · · · 1x Helia HLRM80-3S Outreach 14m @ 4 mT

• AFT DECK CRANE • · · · · · · · 1 x Helia HLRM170-3S Outreach 14m @ 8.8 mT





Cable Installation Equipments

• DRUM CABLE ENGINE • 2x Parkburn: Drum engine Ø 4 m 28 mT at 1 knot Maximum speed 8 knots

• PFE · · · · · 1x ASN PFE 12 kV @ 1.5 Amps / Dummy load

Survey & navigation equipment

• GYROCOMPASS • · · · · · · · 2 SIMRAD GC80

1 Alpha Minicourse

USBL
 USBL system: Ranger II Antenna

• HYDRO ACCOUSTIC EQUIPMENT · · · · · · 2 x Type 8190, Wideband Mini Transponder Sonardyne

1 x Type 919 Applied Acoustics, Mini Beacon.

1 x Type 962 Applied Acoustics, MF Beacon Transponder.

1 x Type 965 Applied Acoustics, MF Beacon Transponder.

1 x Type 1035 Applied Acoustics, Beacon. 2 x Type 1039 Applied Acoustics, Beacon.

• DYNAMIC POSITIONING SYSTEM DP · · · · · · Converteam SDP 21

• ECHO SOUNDER • · · · · Shallow water: Skipper GDS101

Deep water: Simrad EA640

• DIFERENTIAL GPS • · · · · · 3x Veripos LD900

• CABLE LAYING SOFTWARE • · · · · · Makai Lay V6.2.0

