



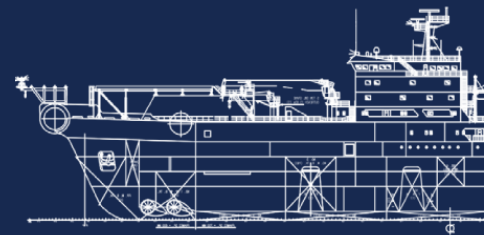
ASN C/S ILE D'AIX

CABLE MAINTENANCE VESSEL

VESSEL SPECIFICATIONS

The Ile d'Aix vessel is one of the Installation and Maintenance vessels in the ASN fleet. Ile d'Aix has been specifically equipped by ASN to perform cable installation, cable repairs, post lay burial and pre-lay grapnel runs. The vessel has been operating globally for over 2 decades making her one of the most versatile vessel in the world for submarine cable maintenance operations. 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'Aix 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 Calais with personnel on board 24/7.



Vessel Description

- TYPE Cable laying vessel
- CLASSIFICATION I X HULL X MACH X AUT-UMS / Special Service / Cable Ship Unrestricted
- POR Marseille
- REGISTERED NUMBER RI 930 459 U
- IMO NUMBER 9009310
- VESSEL BUILT 1992 - KeppelFels Ltd
- DYNAMIC POSITIONING DP II

Main Dimensions

- LENGTH OVERALL 151.54 m
- LENGTH BETWEEN PERPENDICULARS 130.75 m
- BREADTH MOULDED 21.60 m
- SUMMER DRAUGHT 7.80 m
- DEPTH 1ST DECK TO BASELINE 14.00 m
- DEADWEIGHT AT DRAUGHT 7,744 mt

Cable Tank Capacities

- MAIN CABLE TANK 1 x 1,033 m³
- SPARE CABLE TANK 1 x 1,033 m³
1 x 341 m³

Accommodations

- SINGLE CABINS 8
- DOUBLE CABINS 40
- 4 CREW CABINS 27
- 6 CREW CABINS 2

Engine and Propulsion

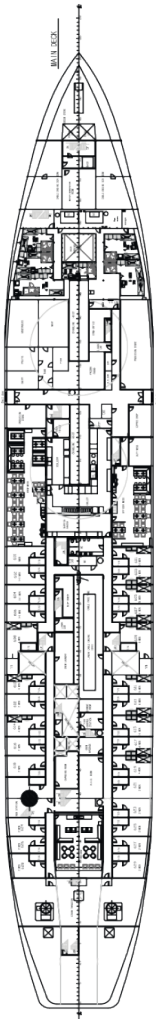
- PROPULSION 3 x Synchronous Wartsila 9R32D
- OUTPUT 3,300 kW
- TRANSIT SPEED 11.5 knots

Thrusters

- BOW THRUSTERS 2 x KaMeWa TT2400G/BMS-CP
Ø 2400 mm - 4 blades
- AFT THRUSTERS 2 x Azimuth KaMeWa 2800/28 RON-CP
Ø 2800 mm - 4 blades

Auxiliaries

- D/G ENGINE TYPE 2 x Wartsila 6R22MD
- RATING 990 kW
- VOLTAGE 3 x 4160v, 60 hz
- DO/CONSUMPTION 37 m³/day at 13.5kts 18 m³/day at 6.0kts
- EMERGENCY GENERATOR Detroit Engine 8V-92TA - 300 kW



Cranes

- FORE DECK CRANE 1 x 5 mT @ 13.8m Hydralift
1 x 10 mT @ 20m Hydralift
- AFT DECK CRANE 1 x 3 mT @ 16 m Hydralift
1 x 10 mT @ 20m Hydralift
- AFT DECK A-FRAME 1 x 30 mT SWL (11m clearance)

Cable Installation Equipments

- DRUM CABLE ENGINE 2 x Dowty: Drum Ø 12 ft (3,65 m)
45 tons at 1 knt - Caterpillar DOHB
- LCE LINEAR CABLE ENGINE 1x 21-wheel pair DOWTY
Pick up mode:
 - Max tension: 17 mT at 2 knots
 - Max speed: 8 knots at 8 mT
 Pay out mode:
 - Max tension: 20 mT at 4 knots
 - Max speed: 8 knots at 10 mT
- PFE 1x Spellman PFE 10 kV @ 2 Amps / Dummy load

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 1 x 1.5 m Jetting Sword
1 x 2 m Jetting Sword

Survey and Navigation Equipments

- GYROCOMPASS 2 x Anschutz Compass STD 22
1 x C-PLATZ NAVIGAT X Mk 1
- USBL USBL system: GAPS Antenna - IXSea
- HYDRO ACOUSTIC 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 Kongsberg SDP21
2 Operating stations and 2 controllers
- ECHO SOUNDER Shallow water: Elac Nautik LAZ 5100 / 1 transducer
Deep water: Simrad EA600
- DIFERENTIAL GPS 3 x C-Nav 3050 Differential-GPS
2 x Septentrio Pola Rx 2A
- CABLE LAYING SOFTWARE Makai

