

## Navy – Offshore patrol vessel

### Main characteristics



Type	OPV – Offshore Patrol Vessel
Overall Length	87 m
Breadth	16,4 m
Deadweight at max	1500 t
Speed	21 knots
Propulsion	Diesel (conventional)
Classification	Bureau Veritas

### Scope of services and deliveries



BARILLEC marine, as global electrical contractor for DCNS shipyard, has designed, delivered and commissioned the electrical systems and communication systems onboard “L’ ADROIT” – French Navy

- Engineering
- Main and secondary switchboards and distribution boards
- Integrated platform management system
- Lighting and distribution networks
- Internal communication
- Computer and telephone networks
- Entertainment system, CCTV
- Bridge consoles and control desks

# Technical characteristics



## ▪ Electricity:

- 2 gensets: 600 kVA – 440V – 60Hz
- 1 emergency generator: 175 kVA – 440 V – 60 Hz
- 2 shore supplies: 440V – 400A – 60Hz

## ▪ Automation:

- Platform Monitoring System : 300 DI/DO digital inputs – outputs, 100 analog, 2 operator stations
- Navigation bridge console

## ▪ Security and communication systems

- Orders broadcast and alarms: 3 broadcast stations, 100 speakers or sirens
- Self-powered telephone: 18 stations distributed over 3 networks
- Fire detection and fire alarm: 110 detectors and call points distributed over 8 loops
- CCTV: 3 monitors , 1 recorder and 8 external cameras
- Ethernet network: 105 access points distributed over 3 networks
- Ammunitions tank temperatures monitoring

● Green technology      ● Innovative design      ● Worldwide service

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