

Navy – Gowind

Main characteristics



Type	Corvette
Overall length	102 m
Breadth	16 m
Maximum speed	25 knots
Crew	100 people
Propulsion	Diesel
Classification	BV NR 483, AUT-QAS

Scope of services and deliveries

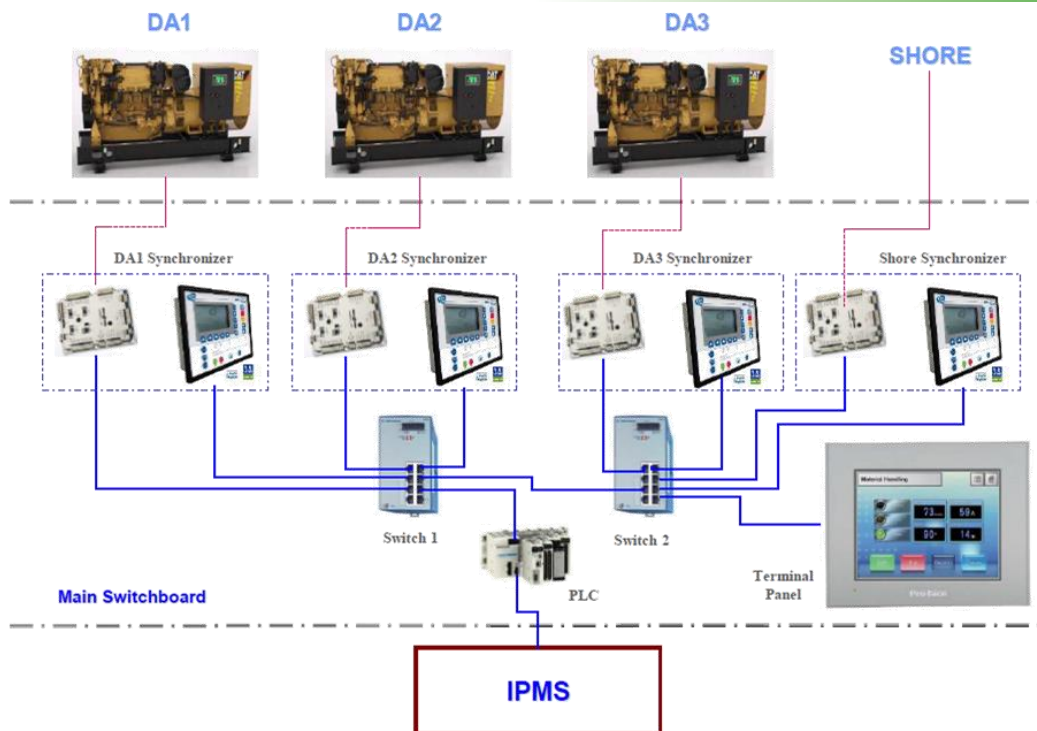


BARILLEC marine, as global electrical contractor, will design, deliver and commission the electrical systems onboard a « Gowind® » corvette developed and built by DCNS for the export market.

- **Electrical**
 - Production and distribution
- **Power management system**
- **Radionavigation**
 - Communication systems GMDSS
- **Voice Data Image – VDI :**
 - General alarm and broadcast, CCTV, self-powered phones, entertainment TV , temperature monitoring of the ammunition store



Technical characteristics



▪ Electrical:

- 3 gensets: 440V – 60Hz – 550kW each
- 1 shore power supply: 440V – 60Hz – 1000A
- 1 emergency genset : 440V – 60Hz – 220kW

▪ Power management system:

- Load shedding and power limitations according to the vessel's operating mode
- Supervision : 1 control and monitoring station and connection to the central monitoring system

▪ Radionavigation : communication systems – LRIT, transponder radar SART, EPIRB etc.

▪ Voice Data Image - VDI :

- Monitoring and recording of 16 full HD cameras distributed over an IP network

▪ Technology transfer (sister-ships 2, 3 and 4)

- Delivery of the whole equipment package
- Delivery of all drawings and documents allowing the installation electrical systems
- Training in Lorient for the local shipyard team

● Green technology ● Innovative design ● Worldwide service