**OCEAN EAGLE 43** is an ocean patrol trimaran combining a very slender hull with two small floats enabling the required stability. This combination reduces the fuel expenditure, increases speed and autonomy, while insuring a good level of comfort even in moderate to rough sea conditions.

**Missions**
- Sea policing and State action at sea
- Fight against piracy, trafficking, smuggling and illegal immigration
- Surveillance of exclusive economic and fishing zones
- Monitoring of marine environment
- Protection of vulnerable vessels and offshore installations and escort of convoys
- Defence against asymmetric threats, speedboats and the boarding of terrorists
- Safety at sea
- Search And Rescue (SAR)

Ocean Eagle 43 can also be adapted for side scasonar operation, special operations support, surveying and coastal oceanography.
Performance and Competitive Features

> Very high fuel economy: 238 nautical miles travelled @15 knots with only 1 ton of fuel (nearly 50 miles for a mono-hull OPV at the same speed.
> Large modularity adapted to the full range of maritime surveillance tasks,
> High reliability and straightforward maintenance,
> An excellent ratio of ”(surface area covered + performance) / operational costs”
> UAV capabilities increasing largely the line of sight

Main Characteristics

> Length Overall ...................................................... 43.60 m
> Beam Overall ...................................................... 15.70 m
> Maximum draught .................................................. 1.60 m
> Maximum speed .................................................... 30 Kts
> Range at 18 Kts .................................................... 3000 NM
> Range at 12 Kts .................................................... 5000 NM
> Crew .................................................................... 13 persons
> Fuel ............................................................................. 21 m³
> Fresh water ............................................................. 2.0 m³
> Hull & Superstructure ................... Composite Materials
> Classification ............................................ Bureau Veritas

Typical Mission Systems

> 20 mm remote-controlled gun-turret
> One electro-optical observation system
> Two 12.7 mm side gun
> One radio direction finder
> One C2 system
> One rotary UAV

Main Equipment & Auxiliaries

> 7 m outboard RHIB mounted on the stern ramp for policing intervention, transshipments or naval special ops
> Two main generators
> 4 diesel engines
> 2 CPP