



Elettra

Multirole and Research Ship

**FINCANTIERI**  
The sea ahead



# Elettra

## Multirole and Research Ship

### \_ main characteristics

— Designed to carry out research and surveillance activities, the vessel's platform was developed from the RV Alliance built for NATO. Her propulsion system, based on two permanent magnet electric engines, constitutes a technological breakthrough and she is the first surface vessel in the world to be powered by this type of engine. The main characteristics of this propulsion system are: high reliability, high efficiency, low maintenance and low underwater radiated noise.

Length overall .....	93.00 m
Length between perpendiculars .....	82.00 m
Beam .....	15.50 m
Depth weather deck .....	8.70 m
Draft .....	4.83 m
Full load displacement .....	3,000 t
Propulsion .....	2 Permanent magnet electric motors (2 x 1,500 kW)

### ELECTRIC GENERATORS

.....	Propulsion D.G. (2 x 2,200 kW)
.....	Harbour D.G. (2 x 624 kW)
Propellers .....	2
Rudders .....	2
Bow thruster .....	1 x 400 kW
Max speed .....	16.5 kn
Range at 12 kn .....	8,000 nm
Crew .....	95 people

### \_ navigation system

**FINCANTIERI**  
The sea ahead



### Head Office

Via Genova, 1 - 34121 Trieste (Italy)  
ph. +39 040 3193111

### Naval Vessels

Via Cipro, 11 - 16129 Genova (Italy)  
ph. +39 010 59951 - MM-COM@fincantieri.it

fincantieri.com

- 2 X-Band Navigation Radar
- 1 EM ship log
- 1 Echo sounder
- 2 Gyro - compass
- 1 Automatic pilot
- 1 GMDSS Communication system
- 1 Integrated Defense System (1 COMINT, 1 EMINT, 1 ELINT)

