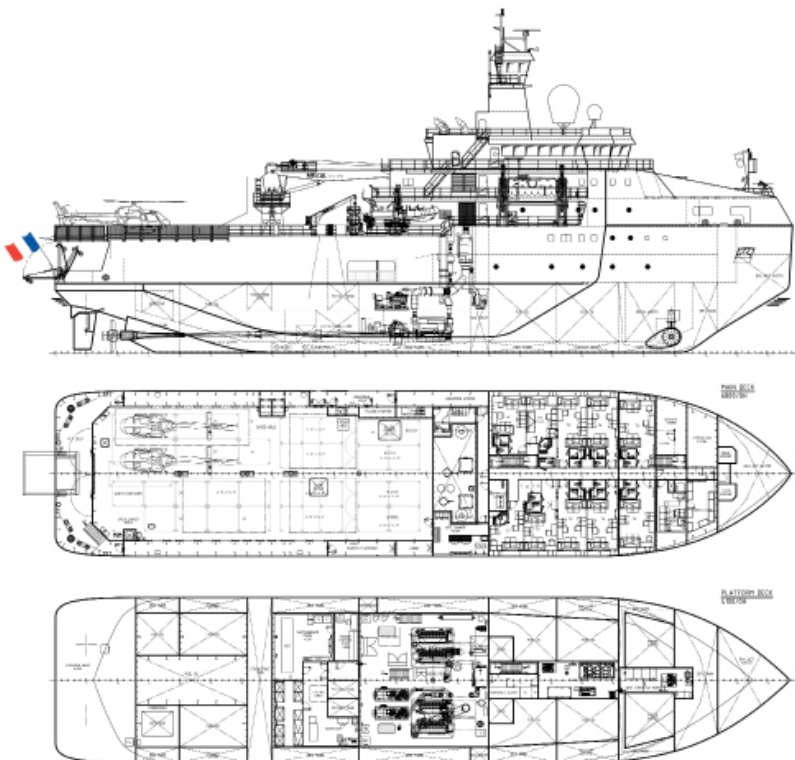


'L'ASTROLABE'

POLAR LOGISTIC VESSEL - 72 m



Versatile icebreaker vessel designed for polar logistic missions and for patrol

- Concept by Marine Assistance
- Icebreaker (Icebreaker 5 BV mark) compliant with the Polar code
- High autonomy and endurance
- Outstanding logistic capabilities
- Robust, easy to operate and maintain
- Latest environmental and emissions rules (IMO TIER III)

'L'ASTROLABE'

POLAR LOGISTIC VESSEL - 72 m



MAIN CHARACTERISTICS

Length overall	72.0 m
Breadth	16.0 m
Depth at main deck	6.8 m
Draught	5.3 m
Deadweight	1400 t
Fresh water capacity	152 m ³
On board and freight fuel oil capacity	1,200 m ³
Speed	14 kn
Range	35 days, 10,000 NM @12 kn/60 persons

SPECIAL EQUIPMENT

Helideck	
Cargo hold	
Fast intervention boats	2
Handling	
Aft deck crane	35 t @ 12 m
Fore deck crane	0.9 t @ 8.8 m
Aft gantry	5 t capacity
Deck modular capacity	
Upper deck	approx. 410 m ² containers 12 x 20'
Main deck/cargo hold	approx. 414 m ² containers 16 x 20' - 2 x 10'
Hazardous materials transportation	

CLASSIFICATION

BV I ✕Hull ✕Mach
 Special service, Polar Logistic Vessel, SP 60
 Icebreaker 5
 Unrestricted navigation
 ✕ALM, ✕AUT-UMS, ✕HEL, INWATERSURVEY
 COLD (H-25 ; E-30), COMF-NOISE 3, COMF-VIB 3

PROPULSION / MACHINERY

Diesel propulsion	4 x 1600 kW
Generators	2 x 534 kW
Emergency generators	1 x 184 kW
Shaft alternators	2 x 500 kW

Manoeuvrability

Bow thruster	1
Controllable pitch propellers	2

ACCOMMODATION

Accommodation capacity	60 persons
Cabins for 1 person	4
Cabins for 2 persons	6
Cabins for 4 persons	11
Hospital	
Special personnel lounge	
Divers room	