

FRENCH NAVY



GB



F.S. MISTRAL and TONNERRE

NEW FORCE PROJECTION AND COMMAND SHIPS

OUTSTANDING MANOEUVRABILITY



- The PODs and the bow thruster can be controlled by a **dynamic positioning system**.
- The ship can easily turn in its own length. This facility is essential to carry out amphibious operations and access to poorly equipped ports.

COMBAT SYSTEM

- Air and surface picture compilation by multi-sensor tracking capabilities
- Self defence : close defence systems (SIMBAD anti-air missiles, 30 mm and 12,5 mm guns).

AVIATION FACILITIES



- Capacity of up to **16 helicopters** : Tigre or NH90.
- 6 landing pads - 2 platform lifts.
- The flight deck can support the Super Stallion.

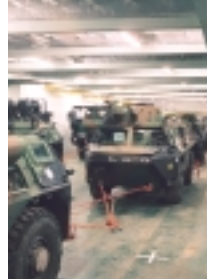
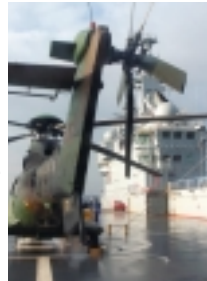
LANDING CRAFT



- The well deck can carry **4** Mechanised Landing Craft or **2** Landing Craft Air Cushion.
- All troops and vehicles can be deployed in less than 2 hours.

TROOPS

- 60 armoured vehicles or 13 main battle tanks boarded on two decks of 2 650 m².
- Comfort and habitability are designed for prolonged deployments of 450 troops.
- 1 gymnasium - Several crew's lounges.

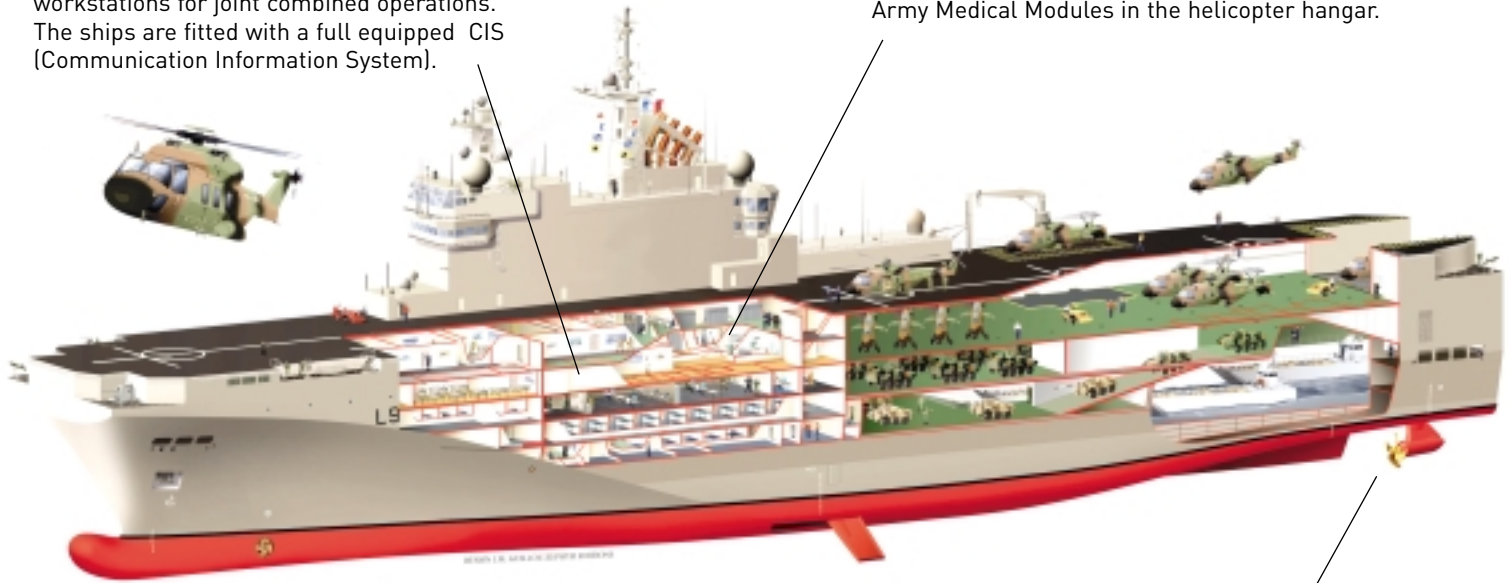


JOINT COMMAND

A national or a NATO MCC (Maritime Component Command) is expected in an area of **850 m²**, ready to connect 150 “plug and play” workstations for joint combined operations. The ships are fitted with a full equipped CIS (Communication Information System).

AFLOAT HOSPITAL

A complete modern hospital contains **69 beds and two fully-equipped operating rooms**. Its capacity can be increased by the deployment of Army Medical Modules in the helicopter hangar.

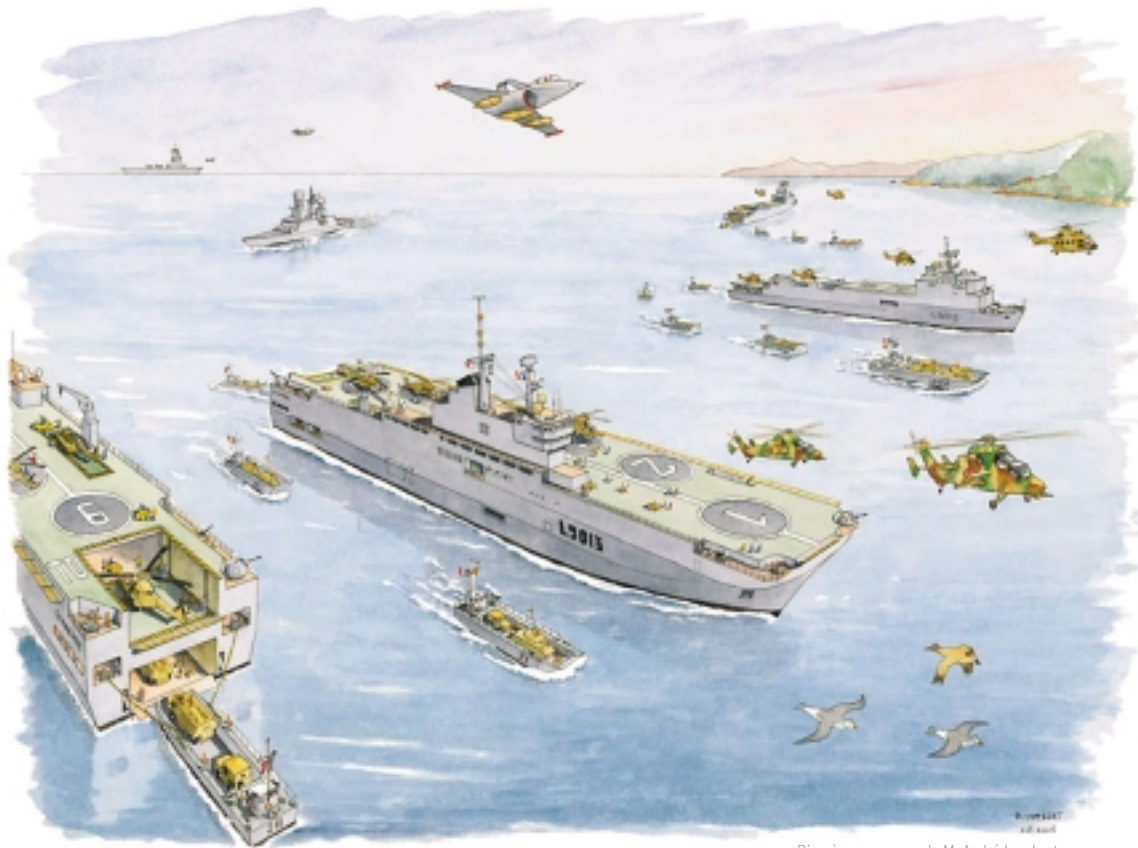


HIGH READINESS RATE AT LOW COST

The ships are technically available 350 days a year and are manned by only 160 crew members. Control of timescales and adoption of civilian standards have led to a reduction in construction and operating costs.

ALL ELECTRIC AMPHIBIOUS VESSELS

MISTRAL and TONNERRE are the first military ships to be fitted with a propulsion system using **electrical PODs**.



D'après une oeuvre de M. André Lambert.



SPECIFICATIONS

Length : 199 m / 652 feet
Beam : 32 m / 105 feet
Displacement : 21 600 tonnes full loaded
Draught : 6.20 m
Maximum speed : 18.8 knots

Range : 11 000 nautical miles at 15 knots
Flight deck area : 5 200 square meters
 The ship complies with **SOLAS (Safety Of Life At Sea)** and **MARPOL (MARitime POLLution)** international convention standards.