

THALES



MISTRAL CLASS LHD: BUILT, TESTED AND PROVEN

The innovative, low risk choice for Australia's amphibious ships

AUSTRALIAN MODIFICATIONS

The Defence Materiel Organisation has worked with DCN to refine the original Mistral Class b-450 design for Australian requirements. Key design changes include:

- Optimisation of elevators to allow lift of helicopters with rotor blades unfolded
- Allocation of 1800 m² for storage and maintenance facilities to support up to 16 helicopters per ship
- Allocation of 850 m² for command and control spaces, with accommodation for up to 150 command personnel per ship
- Construction of a 750 m² hospital facility
- Restructuring of accommodation arrangements from four berth cabins to six and eight berth cabins.

Thales Australia and Armaris, with the proven DCN-designed Mistral Class landing ship helicopter/dock (LHD), offer the innovative low risk choice for Australia's amphibious ships project.

The innovative, low risk choice

Thales Australia, Armaris and DCN will offer an innovative, low risk construction program that maximises Australian industry involvement and delivers economic benefits.

The proven Mistral Class construction method uses modular shipbuilding techniques well suited to Australia's existing infrastructure and industrial capacity.



MISTRAL CLASS LHD

LOCAL EXPERTISE, GLOBAL EXPERIENCE AND A PROVEN DESIGN FOR AUSTRALIA'S AMPHIBIOUS SHIPS

A seamless, formidable team

Thales Australia, Armaris and DCN bring complementary strengths, shared ownership and global reachback to form a seamless, formidable team.

Thales Australia has combined its extensive Australian prime contracting experience with Armaris's international expertise in complex project management—including construction of 17 multi-mission frigates for the French Navy—and DCN's knowledge as design authority and builder of the Mistral Class LHD.

Shared ownership by defence and electronics group Thales, together with access to the international resources of Thales and DCN make Thales Australia, Armaris and DCN a seamlessly integrated team with global reachback.

Mistral Class... built, tested and proven

The Mistral Class LHD has been constructed twice; has undergone rigorous sea trials; and has been accepted into service with the French Navy.

It offers a flexible design, tailored to Australia's requirements.

With its six helicopter landing spots and well dock, Australia's variant of the Mistral Class LHD would be called the Canberra Class. It would be capable of embarking 1000 troops with their tanks, vehicles and equipment; lodging them ashore via landing craft and helicopters for combat or humanitarian missions; and supporting them with state-of-the-art command, medical and logistics support facilities.

MISTRAL CLASS SPECIFICATIONS

Specifications

Country: France

Class: Mistral

Type: Amphibious assault ship

Complement

Crew: 160

Maximum: More than 1000

Displacement

Full load: 23,542 tonnes

Capacity

Dock: 888.5 m²

Hanger: 1,800 m²

Cargo: 1,000 m²

Dimensions

Length: 199 m

Beam: 32 m

Draft: 6.2 m

Flight deck: 5200 m²

Weapons

Missiles: Simbad twin PDMS launchers

Guns: Two 30 mm

Machine guns: Four 12.7 mm

Performance

Speed: More than 18 knots

Range: More than 8,000 nautical miles

Countermeasures

ESM

ARBR 21