

NAVAL
GROUP

**FDI: Jack of all trades,
Master of ALL**



First rank capabilities

Combat-proven weapons

All warfare domains

No compromise

Counter-drone and close-in threats capability

Keep the sanctuary zone safe

- Dedicated counter-drone ops centre
- 360° day/night surveillance CIWS
- Full compatibility with next-gen MPLS (Multi-Purpose Launching System)

Anti-Air Warfare

High power, range and precision

- 32 cells Sylver® VLS for Aster 15/30 missiles
- Latest technology AESA multi function with 4 fixed-panels



Anti-Submarine Warfare

Detect, repel and destroy

- Bow and variable depth combat proven sonars
- 4 rechargeable lightweight torpedo launchers
- Torpedo defence system
- CANTO® anti-torpedo acoustic decoys

Power Projection and Anti-Surface Warfare

Kill far from you

- Extended air capabilities: 11 tons helicopter and 700 kg UAV
- Naval cruise missile compatibility
- 2 x 4 anti-ship missiles
- 76 mm multipurpose gun
- 2 x medium caliber guns
- Launch and recovery systems for RHIBs and USVs

... But there is more than meets the eye

Combat management system (CMS)

- Combat proven CMS (Setis[®]): seamless and effective integration of sensors and weapons, as demonstrated in the Red Sea

Electronic warfare (EW)

- Electronic support measure (ESM) radar and communications
- Electronic countermeasure (ECM) radar

Cyber resilience

- Innovative digital architecture (2 data centres)
- Information and operational superiority thanks to next generation data management (predictive maintenance, digital twin, data fusion...)

Why does it matter?



Specialised warships need protection
from complementary assets.

The FDI, as a multimission frigate,
is an independent, flexible tactical asset:
each ship can act alone or as a force aggregator.

These qualities are increasingly important to win at sea, given the growing complexity of naval warfare and the extremely rapid diversification of threats.

With versatility comes greater freedom of action and initiative.

Navies need warships that matter,
where it matters, when it matters.

Other notable advantages: streamline crew training, optimize fleet availability and enhance operations in coalition with allied navies by providing a **fully flexible naval asset**.

Making the most out of real life experience



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In December 2023, **French FREMM *Languedoc*** was targeted by hostiles aerial drones, in the Red Sea. Thanks to this multimission philosophy, the crew and the frigate were ready, and successfully engaged and destroyed the threats.

Naval Group continuously incorporates operational feedbacks to best identify the needs and challenges of navies, leveraging its close proximity to the French Navy.

The FDI, with its scalable design and potential, embodies decades of 1st tier experience.

A true European solution

Full European sovereignty, throughout the life-cycle of the ship

→ Strategic autonomy and freedom of action

A frigate fully integrated in NATO framework:

- Equipped with state-of-the-art long-range defence systems, sensors, and CMS already in service with NATO allies
- Hardware and software compatibility with third-parties weapons and systems, to meet specific needs, at the customer's request
- Full compliance with NATO standards and procedures
- Interoperability with allies demonstrated, on a daily basis, through the French Navy's numerous deployments, trainings and operations all over the globe

Already chosen by two European countries, members of NATO



**“In the Navy,
NATO is
practically
our second
native
language.”**

“Being interoperable is the combination of three conditions: connectivity of equipment that must be able to communicate with each other; shared and sea-proven procedures and know-how; and finally — and above all — trust.”

Admiral Vaujour, Chief of Staff of the French Navy
Politique internationale #185 - Autumn 2024





FDI

High intensity-ready

Already delivered and sailing

Designed for all seas