

PRESS RELEASE

Toulon, 16th April 2021



Naval Group delivers the FREMM DA frigate *Alsace*: first multimissions frigate with enhanced air defence capabilities

The 16th April 2021 in Toulon, in presence of the French Minister of the Armed forces Florence Parly, Naval Group delivered the FREMM DA *Alsace*, in accordance with its schedule commitments and expected performances. Intended for the French navy, *Alsace* is the first of the two air defence frigates with enhanced air defence capabilities and the seventh FREMM multimissions frigate ordered by OCCAr¹ for the French defence procurement agency (Direction générale de l'armement - DGA) for the French Navy.

FREMM DA *Alsace* is the first frigate with enhanced air defence capabilities. Her role will be the air defence of major units such as the Charles de Gaulle aircraft carrier, or that of PHA-type landing helicopter docks, within the framework of a naval air and amphibious group.

Despite the health crisis, the FREMM DA *Alsace* is delivered on schedule by Naval Group and its industrial partners. Benefiting from the experience acquired on other FREMM frigates already delivered, she also incorporates several capability upgrades in response to rapidly changing technologies (communications, cyber defense, etc.).

The main milestones of FREMM DA *Alsace*

- February 2018 : Key laying of the first block;
- April 2019 : Floating out of construction dock;
- October 2020: First sea trial;
- 16 April 2021: Delivery in Toulon.

An industrial success that mobilises the skills of the entire naval industry

The FREMM program mobilises many skills and hundreds different trades including architects, welders, mechanics, systems engineers, etc.

Like the other units of the FREMM series, *Alsace* represents around three millions working hours from conception to delivery, half of these working hours are provided by Naval Group sites. In addition to Lorient where the frigate is designed and assembled, Toulon-Ollioules and Paris-

¹ Joint Armament Cooperation Organization

Bagneux are also involved for the combat system, Nantes-Indret for the propulsion, Angoulême-Ruelle for equipment, and Saint-Tropez for underwater weapons.

The other half of the work hours is accounted for by Naval Group's partners and subcontractors. Indeed, the FREMM program benefits from the best equipment on the market and calls on a large number of companies, including Thales, MBDA, Sagem, Jeumont, MTU, Oto Melara and Avio.

Alsace will be based in Toulon, where the teams of the Services Department will deploy all their industrial resources and skills to ensure the operational availability of this ship.

"We are very pleased to be here in Toulon for the delivery , on schedule despite the health crisis, of this first FREMM multimissions frigate with enhanced air defence capabilities. I would like to express Naval Group's gratitude to our clients, who have placed their trust in us and are working with us on a daily basis to build these versatile frigates. Alsace has the same exceptional anti-submarine capabilities as the previous units of the FREMM series but with this new version, the French Navy will benefit from strengthened air defence capabilities, in accordance with the commitments of the military programming law,." Pierre Eric Pommellet, Naval Group chairman and CEO.

A ten frigates program

Since 2005, when OCCAR entrusted Naval Group the industrial production of the FREMM program for France, Naval Group has built nine ships, seven for the French Navy and two for the Royal Moroccan Navy and the Egyptian Navy, respectively. The eighth and last FREMM DA for France is scheduled in 2022.

- Aquitaine: 2012
- Mohammed VI for the Royal Moroccan Navy: 2014
- Provence: 2015
- Tahya Misr: for the Egyptian Navy: 2015
- Languedoc: 2016
- Auvergne: 2017
- Bretagne: 2018
- Normandie: 2019
- Alsace: 2021
- Lorraine: 2022

FREMM DA *Alsace* uses the most advanced weapon systems and equipment

Heavily armed like all FREMM frigates, Alsace was designed to answer the operational requirements of the French Navy. She benefits from the continuous evolution intrinsic to the FREMM program to incorporate the latest technological innovations and integrates the latest developments ordered by OCCAR, according to an unchanged delivery schedule.

The architecture of the first units of the FREMM series designed by Naval Group has been retained. What characterises the FREMM Alsace is her increased anti-air warfare capabilities.

The FREMM DA uses the most advanced weapons systems and equipment, such as the Herakles multifunction radar, the Aster 15 and 30 and Exocet MM 40 missiles and the MU 90 torpedoes. Like the other units of the FREMM series, she carries the NH90 helicopter (Caïman Marine), whose use is supported by the SAMAHE® system supplied by Naval Group.

The performances of her combat system are strengthened with increased radar and communication capabilities, a new radar and electro-optical fire control system as well as Naval Group SETIS® Combat Management System equipped with specific air defence functions.

FREMM DA Technical features

- Overall length: 142 metres
- Width: 20 metres
- Displacement: 6000 tons
- Maximum speed: 27 knots
- Accommodation capacity: 165 peoples
- Autonomy: 6000 nautical miles at 15 knots

FREMM DA Weapons systems

All units of the FREMM series with enhanced air defence capability can deploy:

- 8 anti-ships missiles Exocet MM40 Block 3
- 32 missiles Aster in vertical launch system Sylver®
- 1 main naval-gun 76 mm
- 4 machine guns 12.7 mm
- 19 MU90 torpedoes
- 1 Caïman naval warfare helicopter
- 2 Narwhal 20-mm remotely-operated naval weapon

Videos and pictures available on www.salledepresse.com

Emmanuel Gaudez

Tel. +33 (0)1 40 59 55 69

Mob. +33 (0)6 61 97 36 63

emmanuel.gaudez@naval-group.com

Johanne Belzit

Mob: + 33 (0)7 72 32 51 92

Johanne.belzit@naval-group.com

About Naval Group

Naval Group is the European leader in naval defence. Naval Group uses its extraordinary know-how, unique industrial resources and capacity to arrange innovative strategic partnerships to meet its customers' requirements. As a system-integrator and prime contractor, the group designs, produces and supports submarines and surface ships. It also supplies services to shipyards and naval bases. Attentive to corporate social responsibility, Naval Group adheres to the United Nations Global Compact. The group reports revenues of 3.3 billion euros and has a workforce of 15,798 (data for 2020).

