

PRESS RELEASE

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Naval Group showcases its products, services and latest innovations at Euronaval online

Naval Group participates to the 2020 online edition of Euronaval. Naval Group Euronaval booth has been transferred at Naval Group's site in Ollioules. Visitors will be able to discover the different workshops thanks to the experts who are ready to present the products, services, expertise as well as the latest customer-centric innovations.

Products, services and expertise showcased at Naval Group site in Ollioules

Experts will present in Ollioules all the different products, services and expertise that Naval Group offers to its customers worldwide.

Belharra is the new combat ship for naval supremacy and crisis management designed for navies looking for a compact frigate able to perform a large range of missions stand-alone or within a task force either. Belharra features high level capabilities in anti-air, antisurface, anti-submarine and asymmetric warfare domains, taking into account French Navy operational legacy acquired in wartime situation. As the first digital frigate, Belharra integrates latest-generation systems around a naval digital distributed cloud architecture, natively cyber-secured and compatible with the new Information Technologies developments and evolutions and provides sailors with adapted services. Different versions are available to embrace the specific needs of each navy.

Gowind is a military-engineered compact surface combatant equipped with a set of state-of-the-art, combat-proven anti-submarine, anti-surface and anti-aircraft systems to NATO standards. Gowind® takes the best of the latest technological advances developed and mastered by Naval Group for large frigates, in order to anticipate and meet future operational requirement. It integrates the latest generation of combat systems developed by Naval Group, SETIS®, the "Panoramic Sensors and Intelligence Module (PSIM)" - a combination of the integrated mast with its various sensors and the Operational Centre and associated technical premises - and the high level of integration, automation and user-friendliness of the Naval Group systems.

Naval Group integrates **all types of drones** -air, surface and underwater- to increase the operational capabilities of an armed fleet. These innovative assets are crucial force multipliers provided that they are seamlessly integrated into the ships. Our innovative solutions encompass drones launch and recovery under any sea conditions, the management of multi-drones missions and the real time broadcast of the information through CMS, which significantly develops the contribution of drones to naval forces.

The **Barracuda family** of submarines brings unmatched oceanic potential to the market and offers uncompromised performance in acoustic discretion, special operations, stealth and striking power. The ship allows the navies to operate far from their homeport, freely and safely

while gathering valuable information without being detected. Resulting of long investment in acoustic superiority inherited from the French SSBN, its robust design makes it the best attack submarine.

The **Scorpene** submarine is capable of carrying out all types of missions, such as anti-surface vessel warfare, anti-submarine warfare, long-range strikes, special operations or intelligence gathering. It is extremely stealthy and fast, and is equipped with a comprehensive range of weapons (torpedoes, missiles, mines). Over fourteen Scorpene submarines were sold by Naval Group internationally. Naval Group is capable of adapting it to very specific operational and industrial requirements, creating long term partnership of trust with navies throughout the life of the submarine, covering the whole spectrum of development and industrial sovereignty of each country and a user club that joins them under common interests.

Through its **services** expertise, Naval Group conducts modernization and life extension programs in addition to the maintenance operations to maintain vessel performance over time in order to enable the fleet's maximal operational availability. We have also developed predictive maintenance solution that respects the constraints of cybersecurity and data sovereignty.

Discovering Naval Group latest innovations

"Thanks to a proactive corporate strategy based on open innovation and partnerships with research centres around the world, Naval Group develops tomorrow's technologies and accelerates their deployment on-board its customers' ships. Naval Group thus contributes to strengthening its customers' scientific, technological and industrial capabilities", declared Lionel Jodet, Senior Vice-President for Marketing at Naval Group.

To prepare for the future, Naval Group is investing in innovative technologies. The **SMX31 E** is the new submarine concept ship which integrates the latest digital technologies for strengthened operational efficiency and significant versatility of use. Stealthier thanks to its biomimetic covering, the ship also benefits from an unmatched electrical energy storage capacity and a new propulsion concept.

Naval Group is investing in the development of the technological building blocks, vectors and systems that will contribute to the **distributed underwater warfare** of tomorrow. The F21 heavyweight torpedo is particularly efficient: safer, further (energy density is double of the competition), smarter. Naval Group continues the evolution of this weapon to make it even more powerful in very complex environment. Most of these capabilities are also available for underwater UUVs. Connected to each other, they are part of a more comprehensive system comprising submarines and surface vessels to monitor vast underwater areas.

Based on a 15-year projection of the threats and missions of naval surface forces, Naval Group imagine capability models inspired by the evolution of the world towards more distributed and less centralized organizations, in commercial and public business but also in defence operations. **The Concept Lab** illustrates how these missions can be carried out more efficiently using critical capabilities and technologies on which the group will focus its R&D efforts over the long term.

Naval Warfare center - The increasing complexity of the operational environment of a warship, combined with the diversity of threats and the performance of new weapons, puts CIC operators under pressure. Time and priority management is essential to enable them to establish a clear, accurate and up-to-date tactical picture, as well as to properly counter short-term threats. Thanks to operational feedback and continuous investment in R&D, Naval Group demonstrates how CMS SETIS® provides intelligent and innovative solutions to improve comfort, safety, accuracy and efficiency of operations management.

Photos and videos available on www.salledepresse.com

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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. In addition, the group offers a wide range of marine renewable energy solutions. Attentive to corporate social responsibility, Naval Group adheres to the United Nations Global Compact. The group reports revenues of 3.7 billion euros and has a workforce of 15,168 (data for 2019).

www.naval-group.com

