PRESS RELEASE

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Naval Group, a key partner in the European EFFECTOR project, demonstrates its maritime surveillance solution alongside the Secrétariat Général de la Mer (General Secretariat for the Sea)

On 11 and 12 May, Naval Group and its partners successfully conducted a major operational demonstration of the EFFECTOR project. This demonstration took place at the Regional Operational Centre for Surveillance and Rescue in the Mediterranean (CROSS MED) and involved the SeaMIS maritime surveillance and rescue coordination system, developed by Naval Group, as well as the maritime surveillance systems of other European states as part of cross-border cooperation operations.

The EFFECTOR project is a €5 million project funded by the European Union. It was awarded in 2020 to the consortium coordinated by the Secrétariat Général de la Mer. Naval Group is the technical coordinator of this consortium which brings together 16 partners from 6 European countries: France, Greece, Portugal, Italy, Bulgaria and Montenegro.

Partners of the EFFECTOR consortium (see full list on page 4)

The EFFECTOR project focused on two main areas to improve the efficiency of maritime surveillance in Europe:

- interoperability of monitoring systems between Member States to better share information and speed up decision-making processes;

- the implementation of "big data" processing solutions integrating data from open sources (particularly satellite and social networks) to anticipate and detect events at sea more quickly.

Concretely, the project has developed a data centre, called Data Lake, dedicated to maritime surveillance with associated services based on artificial intelligence technologies to search for "weak signals" of abnormal behaviour. In this way, a vessel displaying suspicious behaviour (disconnection of the AIS system, prolonged contact with a vessel giving rise to suspicions of illegal transhipment, etc.) would trigger an alert to the authorities using EFFECTOR.

The interoperability of the systems is based on the Common Information Sharing Environment (CISE) network, managed by the European Maritime Safety Agency. This project ensures interoperability between the systems with enhanced data fusion and processing capabilities. In this way, EFFECTOR contributes to significantly improving European maritime surveillance and safety capabilities.

Furthermore, the common understanding and implementation of a cross-border situation will allow for smooth cooperation between the operational authorities and the intervention forces in the area, thus ensuring that all existing rules on data protection and confidentiality are respected.

Technology for better maritime surveillance

As part of the EFFECTOR project, Naval Group is implementing part of its global offer for maritime safety (I4®SAFE) through its SeaMIS solution which is currently deployed in all the Centres for Surveillance and Rescue (CROSS) in France and overseas, as well as its big-data management solutions.

On 11 and 12 May, Naval Group and its partners* successfully carried out a major demonstration of the project in operational conditions and in different configurations, including a presentation of the simulation tools. This demonstration took place in the presence of the Chief of Staff of the French Navy, Admiral Pierre Vandier. The different scenarios consisted in carrying out realistic demonstration tests between Member States for a multiplicity of use cases such as the improvement of maritime traffic monitoring, the detection of illicit activities or the raising of early warnings and their follow-up (such as smuggling, human trafficking, illegal fishing, etc).

The results of these demonstrations were presented during a "VIP day" held on 17 May in Toulon, under the aegis of the Secrétariat Général de la Mer, bringing together various personalities from the naval and maritime sector.

Press contacts:
Faïza ZAROUAL
Mob.: +33 (0)6 31 65 78 25
Faiza.zaroual@naval-group.com

Véronique Page
Mob. +33 (0)6 37 18 01 32
veronique.page@naval-group.com

NAVAL GROUP

About Naval Group

Naval Group is a partner to its customers' maritime sovereignty. An international player in naval defence and heir to French naval know-how, Naval Group develops innovative solutions to meet the needs of navies. Present throughout the entire life cycle of the ships, the group designs, builds, integrates and maintains submarines and surface ships, as well as their systems and equipment, through to dismantling. It also provides services for shipyards and naval bases. A high-tech company, it builds on its exceptional expertise, its unique design and production resources and its ability to set up strategic partnerships and successful transfers of technology. Attentive to the challenges of corporate social responsibility, Naval Group is a member of the United Nations Global Compact. With operations on five continents, the group has a turnover of 4.1 billion euros and employs 16028 people (full-time equivalents / 2021 data).

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* **Consortium:**

- Secrétariat Général de la mer (SGMER), France
- Center for Security Studies, Greece
- Naval Group SA, France
- Thales Research & Technology, France
- Satways – Proionta Kai Ypiresies Tilematikis Diktyakon Kai Tilepikinoniakon Efarmogon Etairia Periorismenis Efthinis Epe, Greece
- Institute of Communication and Computer Systems, Greece
- INOV – Instituto de Engenharia de Sistemas e Computadores Inovação, Portugal
- Engineering – Ingegneria Informatica SPA, Italy
- Université Toulouse 1 Capitole, France
- Collecte Localisation Satellites, France
- Ministry of Maritime Affairs and Insular Policy, Greece
- Hellenic Police, Greece
- Ministerio da Defesa Nacional, Portugal
- Executive Agency Maritime Administration, Bulgaria
- Ministry of National Defence, Greece
- Administration for Maritime Safety and Port Management of Montenegro, Montenegro