

OPERAMAR

An InterOPERABLE Approach to European Union MARitime Security Management



Project objectives

OPERAMAR Support Action is meant to provide the foundations for pan-European Maritime Security Awareness, as prescribed by the Maritime Policy, by addressing the insufficient interoperability of European and national assets and generating unified data models for seamless exchange, addressing the hurdles raised by the existing different behavioural, organisational, and cultural issues.

It is today recognized, that effective management of Maritime Security activities by the EU requires the capability to collect and fuse available data into a common picture of the relevant maritime environment to be shared among the organizations of participating Member States.

OPERAMAR, networking the competence of national users belonging to EU Member States and Associated countries, European agencies and industrial partners all actively involved in the Maritime domain, will:

- » Grasp a better knowledge of Maritime Security users needs and their organizations and define interoperability models and analyse the associated issues, taking into consideration the challenging characteristics of the organizational environment in which they will be implemented,
- » develop common interoperability requirements and translate them into technical requirements, and
- » study the consequences and recommend a relevant strategic research roadmap.

Description of the project

OPERAMAR will consist in the establishment of an EU and Associated Countries network of maritime stakeholders, that will identify interoperability challenges, for improving operational coordination.

This study will promote cross fertilization into organizations, structures and systems and will provide, as a result, common requirements and guidelines, to increase situation awareness in maritime environment.

OPERAMAR will also suggest to the EC recommendations in terms of future research programmes, projects and new standards.

OPERAMAR partners have achieved to date 35 visits of Maritime Surveillance Operational Centres of all nature in EU and Turkey, getting direct operator's feedback and observing current tools and procedures in action. They have also presented the project in several workshops, congresses and Maritime Events.

The present situation shows high level of fragmentation, due to many factors: different national procedures, legislations and systems in place, different levels of command and decision making.

OPERAMAR will fill an important gap to solve this issue, by supporting the definition of common requirements and operational procedures, as well as new interoperability standards, at the EU level, that should be adopted at national and local level.

From the analysis of the present situation, the stakeholders network will identify the key interoperability challenges, that will produce significant improvements on the operational performances. The effectiveness of the methodological results will be tested in three scenarios, Mediterranean, Black Sea and Atlantic Ocean (Canary Islands).

Then, the OPERAMAR will translate these interoperability requirements, into guideline for technical requirements, common architectures and systems specifications.

This will include suggestions for improvements in the compatibility of all interfaces for data-exchanges. The ultimate goal is to achieve a common picture of the situations, supporting the end-users decision making process.

OPERAMAR strategic roadmap will describe the evolution of an interoperable approach to the European Union maritime security management from the multiple perspective of organizations, institutions, legislation and regulations.

It will identify priority areas for additional security research to facilitate the development at Regional and European levels. The roadmap will contribute to future FP7 and other European security linked activities taking into account the work of the ESRIF.

INFORMATION

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OPERAMAR

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