

# Maritime Surveillance Networking



Maritime situational awareness is the effective understanding of activities, associated with and occurring in the maritime domain, that could impact on the security, safety and environment of the European Union and its Member States.

Following a tasking by the EU-Defence Ministers in late 2005, EDA launched in September 2006 the Maritime Surveillance-project (MARSUR), with the aim to create a network using existing naval and maritime information exchange systems. Overall goals are to avoid duplication of effort and the use of available technologies, data and information; to enhance cooperation in a simple, efficient and low-cost solution for civil-military cooperation; and to support safety and security.

After extensive work by fifteen Member States the project has come to a decisive point, as it enters the end of the demonstration-phase for a basic MARSUR-network. The demonstration itself, presented during the Distinguished Visitors Day (DV-Day) scheduled for 30 June 2011, will use the connections between systems from Italy, Finland, France, Spain, Sweden and United Kingdom.

The MARSUR-network will continue to exist for other Member States to join. Further development is planned in the framework of an EDA Category B-project, to improve the functionalities, the level of confidentiality of the MARSUR-network, and to accommodate potential new requirements proposed by the Member States.

The MARSUR-network is build by the navies and is meant to enhance the exchange of data and information for the conduct of maritime CSDP-operations. In relation to the Integrated Maritime



Policy (October 2007) of the Commission, the network can be connected to the envisaged Common Information Sharing Environment (CISE).

## Key milestones

- Start MARSUR-project – September 2006
- Baseline document: Common Staff Target - endorsed in July 2008 by the EDA Steering Board
- 1st Study (Architecture Study, delivered May 2008, SAAB/FOI, EUR 130,000.00) - mapping of existing systems, exploring the information exchange requirement and key technologies
- Baseline document: Common Staff Requirement (pre-final version, delivered March 2009) - final version will be based on adaption of second and third study, defines the data and information to be exchanged, and sets the scene for the implementation of the MARSUR-network
- 2nd Study (Interface Requirements and Data-Model, delivered May 2010, GMV/ESG, EUR 450,000.00) - provided the technical definition of the interface with a view on the demonstration-phase, defined a specific data-model.
- 3rd Study (MARSUR-Networking – Architecture Experimentation, ending September 2011, Centric Labs/CSC/BnearIT, EUR 350,000.00) – creation of the designated interface, preparation and conduct of the demonstration of all functionalities within the network.