

Stakeholder workshop:

Satellite technology for maritime security and safety



19th of May 2014 – 9 AM
Bremen Congress Centre
(Germany)



Copernicus



**‘Satellite technology for maritime security and safety’
A DLR, DOLPHIN and NEREIDS joint workshop
19th of May 2014, 9:00 AM
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Germany**

The workshop aims to present to (existing and potential) users and policy makers the way in which satellite-based technologies and Copernicus (the European Earth Observation programme) contribute to maritime security, safety, marine environmental protection and therefore to Blue Growth.

Satellite-based services actively support the protection of the marine environment whilst reinforcing maritime safety and security. This technology will be instrumental in the development of EU policies (such as the Maritime Security Strategy) and the implementation of EU legislation (such as the Marine Strategy Framework Directive and Maritime Spatial Planning Directive).

The workshop will describe to the audience the innovative results achieved in the framework of European Research and Development projects and highlight the importance of these contributions towards a more integrated approach to the sharing of information, at the crossroads of space technology and maritime surveillance.

PROGRAMME

1. Welcome and short introduction by moderator

Beate Gminder

DG MARE, Head of Unit D1 (Maritime Policy Mediterranean and Black Sea)

2. The Copernicus support to maritime surveillance

Through the description of field test campaigns, representatives of the DOLPHIN and NEREIDS R&D projects will describe the innovative satellite-based technologies developed in three policy areas of interest: fisheries control, border surveillance, and traffic safety. The presentations will provide practical examples, introduce innovative tools and describe the way ahead.

a) The DOLPHIN project: focus on fisheries control

Speaker: Paola Nicolosi, e-GEOS – DOLPHIN Project Coordinator

b) The NEREIDS project: focus on border surveillance

Speaker: Gerard Margarit Martin, GMV – NEREIDS Project Coordinator

3. The contribution of satellite technology to the fight against piracy:

The PMAR system

Speaker: Harm Greidanus, European Commission - Joint Research Centre (JRC)

The presentation will describe the recent PMAR project (Piracy, Maritime Awareness and Risks). In this framework, the JRC has developed and tested a system for sea-basin-wide maritime situational awareness that authorities can use in their fight against piracy in African waters, but also for wider maritime governance applications.

4. The Copernicus Marine services in Germany:

The DeMarine Project

Speaker: Iris Ehlert, Federal Hydrographic Agency (BSH), Germany

The DeMarine research project aims at developing and improving Copernicus Marine services in Germany. The presentation will focus on the innovation in the field of sea-ice classification and iceberg detection from Earth Observation satellites (i.e. TerraSAR-X data).