



USE CASE



EUNAVFOR ATALANTA – PIRACY AND ARMED ROBBERY

EUNAVFOR ATALANTA plays a vital role in the European Union's (EU) Common Security and Defence Policy & the EU's Naval Force for the Indo-Pacific. Since 2008, it is supporting the Coastal States in a combined effort for peace, stability, and maritime security.

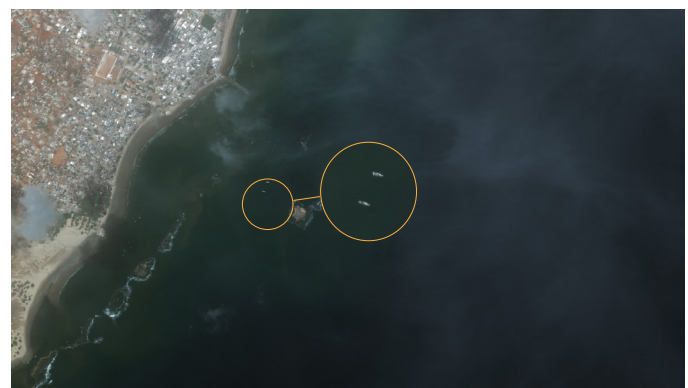
EMSA's Earth Observation services are used by EUNAVFOR ATALANTA for routine services requested to ensure freedom of navigation and protect vessels of the World Food Programme (WFP) and other vulnerable shipping. It also contributes to detect and identify activities related to Illegal, Unregistered and Unreported fishing events.

Products from the Copernicus Maritime Surveillance satellite serve as a crucial resource for EUNAVFOR ATALANTA, helping it to accumulate valuable data about its areas of interest. As a result, there has been a significant increase in requests for Earth Observation images.

CMS optical images and the vessel detection service (VDS) support EUNAVFOR in detecting vessels and activities of interest in their area of operation.



CMS images support maritime security operations off the coast of Somalia



Satellite images help EUNAVFOR to detect vessels along a fishing port



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In cases where EUNAVFOR issues Short Notice requests, it usually orders synthetic aperture radar (SAR) images that help detect vessels that do not report their AIS positions while EUNAVFOR's ships patrol their area of interest. Even for small-sized or wooden-made vessels, the Vessel Detection Service (VDS) proves to be a highly effective tool. Furthermore, combining optical images with SAR enhances the process of identification and provides more detailed information about any suspicious activities.

Copernicus is the Earth Observation component of the European Union's Space Programme which looks at our planet and its environment for the benefit of all European citizens. It offers information services that draw from satellite Earth Observation and in-situ (non-space) data. The European Maritime Safety Agency (EMSA) is the Entrusted Entity responsible for implementing the Copernicus Maritime Surveillance service on behalf of the European Commission (DG-DEFIS).



An optical CMS image detecting vessels and port activities



Maritime security operation

emsa.europa.eu/copernicus

Get in touch for more information

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