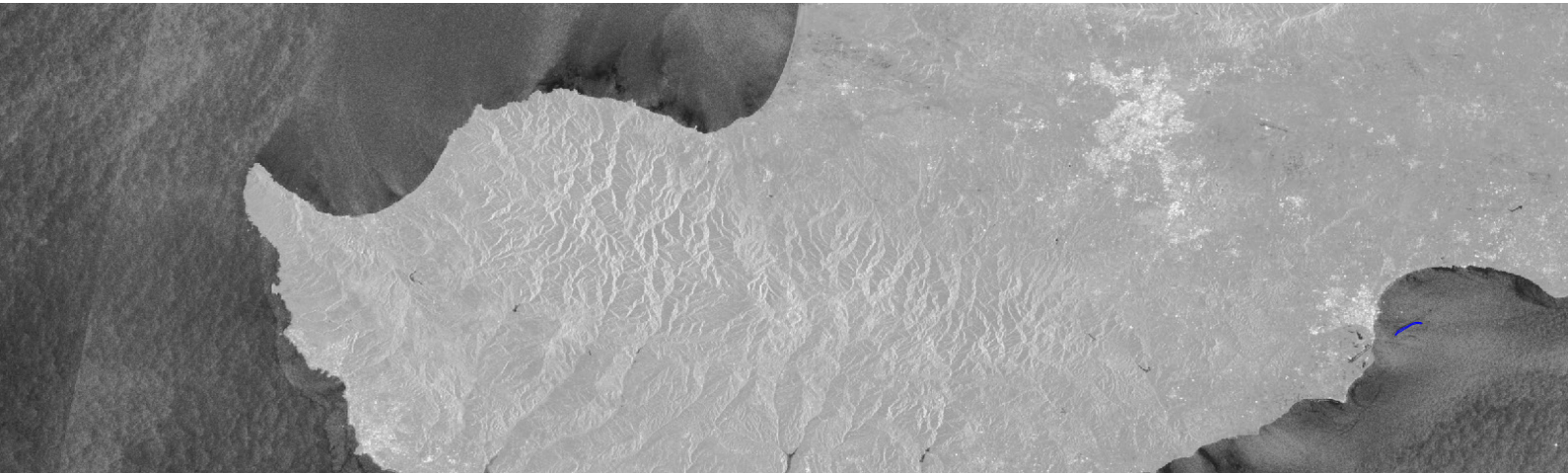




USE CASE



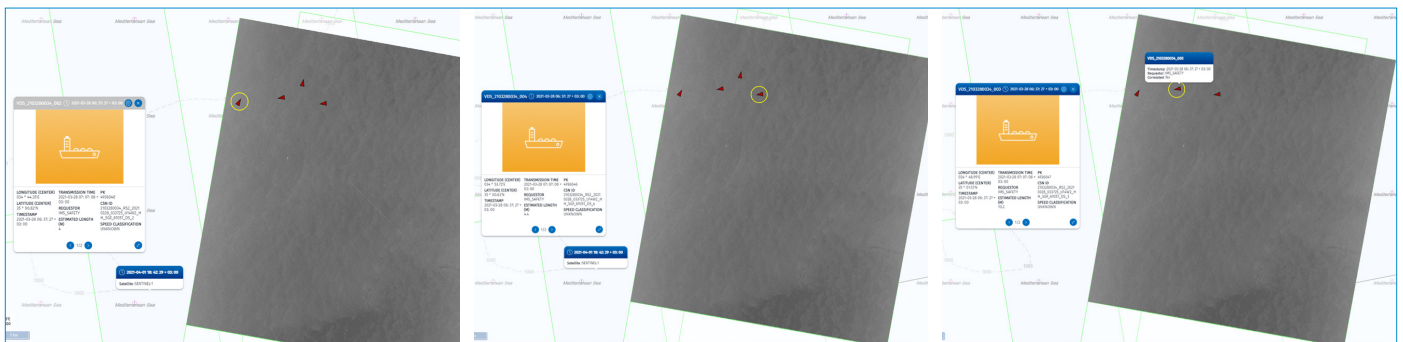
JRCC CYPRUS – SEARCH AND RESCUE

The Joint Rescue Coordination Centre (JRCC) Larnaca (Cyprus) uses Copernicus Maritime Surveillance (CMS) products to enhance safety of life at sea focusing on some of the most high-risk areas of its search and rescue region, characterised by very heavy maritime traffic and transport of people and goods.

CMS products support operators in a variety of scenarios, by helping them to detect and identify vessels of interest, vessels not reporting their whereabouts, ships in distress or track missing vessels.

On 31 March 2022, CMS monitoring allowed JRCC Cyprus to confirm the presence of several dark vessels and as a result increased the surveillance over the search and rescue region of the Republic of Cyprus.

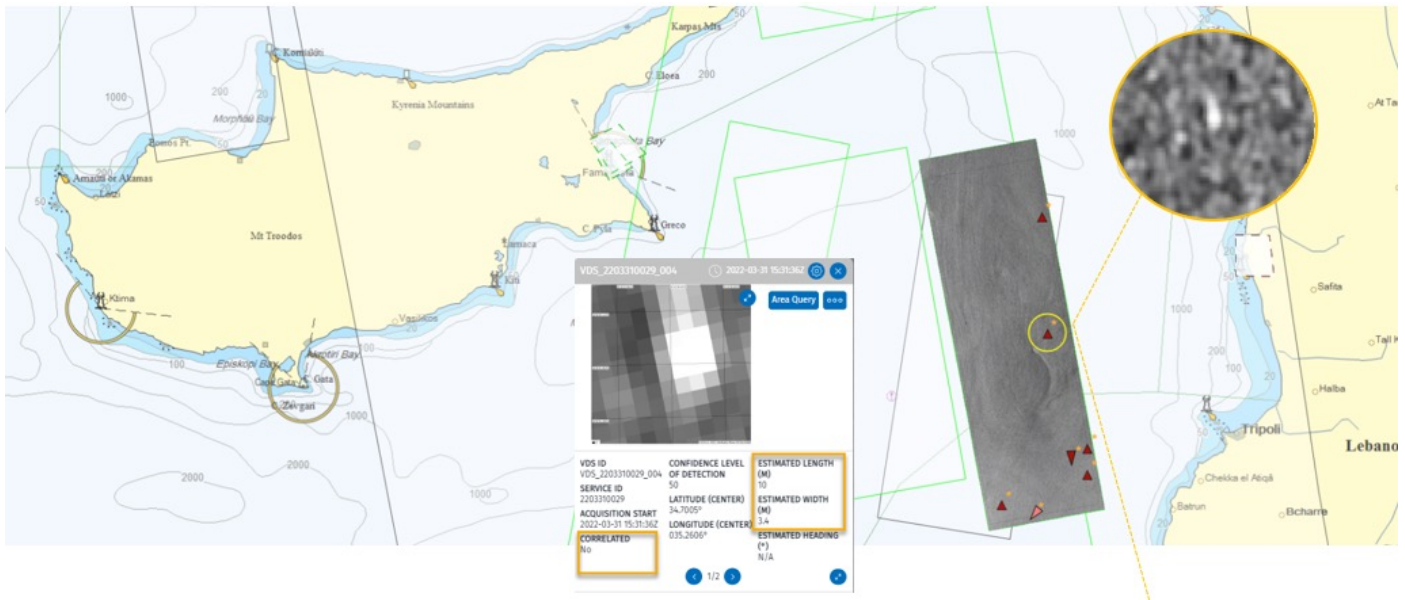
One of the dark vessels was detected in the morning of 1 April, off the Cyprus Eastern coast (Cape Greco) with 9 persons on board, all which were successfully rescued.



Earth Observation images and derived data help to detect dark vessels which are not transmitting their whereabouts



USE CASE



The white reflection on the Synthetic Aperture Radar image indicates a vessel in the area being monitored

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).

emsa.europa.eu/copernicus

Get in touch for more information

Copernicus Maritime Surveillance Service

Twitter CopernicusCMS / Instagram CopernicusCMS
copernicus@emsa.europa.eu

Copernicus

Twitter CopernicusEU / Facebook CopernicusEU

European Maritime Safety Agency

LinkedIn EMSA / Twitter/X EMSA_EU
Facebook EMSA / Instagram EMSA
emsa.europa.eu

CREDITS

Header image: © European Maritime Safety Agency, contains modified Copernicus Sentinel-1 data, (2023) | © European Maritime Safety Agency, contains modified TerraSar-X data, (2022). © DLR e.V. (2022), Distribution Airbus Defence and Space GmbH

This document was produced with funding by the European Union. Views and Opinions expressed are however those of the author only and the European Commission cannot be held responsible for any use which may be made of the information contained therein.