

ELECTROMAGNETIC OPERATIONS IN THE MARITIME DOMAIN

BASIC INFORMATION

Requestor/Customer:

NATO Maritime
Command



Nations/entities involved:



Data:

Request for Support:
2021 MARCOM

Permanent Activity
– no Enddate

COE CSW POC:
CDR DEU N Riewesell,
EXT. 6104

Executive Description

In OCT 2019, the two NATO Strategic Commands signed the Electromagnetic Spectrum Strategy – in short EMSS - which was developed to improve Alliance military operations. An integrated Initial Action Plan (IAP) with strategic goals and objectives is focusing on establishing and improving robust Electromagnetic Operations (EMO) -capabilities in NATO. In FEB 2021, the EMSS was signed as an MC-Document and HQ MARCOM requested support from the COE CSW in implementing and achieving the related goals, in identifying and coordinating all aspects of JOINT Electromagnetic Operations in the maritime domain and to provide maritime expertise for the respective Working Groups and for the development-process of new EMO-publications.

Support to NATO and Nations

Since APR 2021, the EMO-expert from our COE CSW, a former Chief Policy from the NATO JOINT EW Core Staff in UK, acts as a mentor and speaker for the NATO EMO-Course at NATO School Oberammergau.

Since APR 2022, we also offer Space Operations aspects to this course, as space plays an important role within the wider field of Electromagnetic Operations.

Finally, we also support the newly established DEU EMO-Working Group on Component Command level, having been invited to join as a permanent member. This co-operation furthers a close link between NATO and national EMO aspects and developments.

Trials / Experimentation

For OCT/NOV22, together with the CIED COE, we have scheduled trials to counter radio-controlled IEDs and UAVs with electromagnetic means during the Naval EMO-trials (NEMO22) in Spain. These trials will combine COE CSW's expertise for EMO, CIED and Harbour Protection.