

## **Fact Sheet: Mine Countermeasures Concept Development & Experimentation**

**Overview:** Mine warfare is an essential but often overlooked component of naval warfare that is dependent on the Alliance's naval forces ability to open and maintain sea lines of communication and seize advantage of littoral battlespace.

**Concept:** The development of a transformational Mine Countermeasures (MCM) concept proposal offers a unique opportunity to rethink mine warfare at sea. The concept will explore future operations; review traditional processes and tactics, techniques and procedures, and adopt an innovative approach to aid in (re)designing NATO's MCM forces. This concept aims to develop the introduction of an effects-based approach in line with NATO's level of ambition and describes a future concept of operations whereby persistent mine-focussed intelligence, surveillance and reconnaissance is based on the fusion of oceanographic data with specific military data, collected by both commercial and military unmanned assets.

**Mission:** NATO Allied Command Transformation Operational Experimentation Branch will assess potential future MCM technologies and the impact on military operations and the operating environment. OPEX will employ a Disruptive Technology Assessment Game and other preparatory work to deliver an experiment in operations, subject to venue availability, in 2020.

**Milestones:** November 2019 - Disruptive Technology Assessment Game

**Headquarters:** NATO Allied Command Transformation, Operational Experimentation Branch

**CDE365 Website:** Visit us on [CDE365 website](#) located on NATO's Transformation Network (TRANSNET). To access, register here: <https://portal.transnet.act.nato.int/Pages/home.aspx>

**POC:** Staff Officer Operational Experimentation, CDR Baur, [andreas.baur@act.nato.int](mailto:andreas.baur@act.nato.int), +1-757-747-3326

PR Contact: Allied Command Transformation  
Public Affairs Office (ACT PAO)  
Address: 7857 Blandy Road, Suite 100  
Norfolk, VA 23551-2490  
Email: [pao@act.nato.int](mailto:pao@act.nato.int)  
Telephone: +1 (757) 747-3600  
Fax: +1 (757) 747-3234

###