

1st /2023 SCM

Subject No 2



INTEGRATED AIR & MISSILE DEFENCE

CENTRE OF EXCELLENCE

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1st/2023 Steering Committee Meeting POINT PAPER

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Date:	28 Jul 2023	Email:	info@iamd-coe.org

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SUBJECT: **Request for Support (RfS) 23#168 by ACT (Understanding the Human Factors in Multi-Domain-Operations (MDO): Implications for Training and Performance Enhancement).**

No: 2

PURPOSE: SC to approve the support for RfS 23#168 by ACT (Understanding the Human Factors in MDO: Implications for Training and Performance Enhancement) and participation in the studies in 2023 and 2024.

BACKGROUND: In accordance with the NATO Warfighting Capstone Concept (NWCC) which was approved in 2021 in an effort to contribute to the Alliance's efforts to strengthen its deterrence and defense posture, MDO, a sub-area concept, involve the integrated use of capabilities across multiple domains, such as air, land, sea, space, and cyberspace. In line with these improvements ACT has initiated a study to explore and enhance human factors in conducting MDO by establishing a Community of Interest (COI) among COEs, academic scholars and nations.

ANALYSIS & STATUS: Working Group for this study will be built in 2023 and expected to start to operate in 2023 and complete at the end of 2024. The study aims to:

- Explore the human factors associated with MDO and their implications for training and enhancing human performance in complex MDO.
- Investigate the cognitive and psychological demands placed on individuals operating in multi-domain environments.
- Understand the team dynamics and coordination challenges in multi-domain operations.
- Identify training strategies and technologies to enhance human performance and decision-making in multi-domain contexts.

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- Assess the impact of emerging technologies, such as artificial intelligence and augmented reality, on human centric MDO.

IAMD COE considers it valuable to participate in the COI and to make contribution to the study for enhancing NATO deterrence and defense capabilities.

FINANCIAL
CONSIDERATIONS
& FUNDING:

Any financial impacts of the aforementioned activities will be covered from the existing budget of the current year (and by transferring of appropriations within the authorisation granted to the Director in accordance with Financial Administrative Procedures, if required) without the need for a supplementary budget.

Any financial obligations for the next years will be foreseen in the shared budget of the respective Fiscal Years.

RECOMMENDATIONS
& DECISION:

SC members are requested to approve the IAMD COE participation in COI for 'Understanding the Human Factors in MDO'.

FOR THE IAMD COE:



B. Gen (OF-6) Nikolaos KOKKONIS GRC (AF)
IAMD COE Director

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