

SEASTEMA participates in the INTERACT PADR Project: INTERoperability Standards for Unmanned Armed ForCes SysTems

A 24-month project aiming to create a basis for a future European interoperability standard for military unmanned systems

On June 21, 2021 nineteen project partners from eleven European countries (i.e. Germany, Netherlands, Greece, Sweden, Spain, Italy, France, Denmark, Lithuania, Romania, Poland) got together virtually to launch the INTERACT project and outline the actions to be carried out per work package during the upcoming period. The INTERACT project is funded under the Preparatory Action on Defence Research (PADR) with 24 months of lifecycle and it is led by the Fraunhofer Institut für Optronik, Systemtechnik und Bildauswertung IOSB (Germany).

INTERACT aims to create a basis for a future European interoperability standard for military unmanned systems. It will be achieved by integrating the technical knowledge and operational experience available in Europe on control, monitoring, and application of unmanned systems for the concept definition of a future European cross-industry interoperability standard for military unmanned systems.

This standard will allow unmanned assets to be deployed flexible in different configurations, such as singular deployment, in manned-unmanned teaming, in hand over modes or as autonomous swarms, all this independent of organizational or national provenance. For this an INTERACT EXPERT GROUP containing all dominant European manufacturers of unmanned systems (air, ground, surface and underwater) accompanied by a number of leading organisations from all over Europe in specific expert fields has been created. The interchangeability of assets will increase responsiveness and flexibility and hence the warfighting capability of European armed forces, individually and in international joint operations.

Main information:

Acronym: INTERACT

Title: INTERoperability Standards for Unmanned Armed ForCes SysTems

Call identifier: PADR Call US-03-2019

Maximum Foreseen EU Contribution: € 1.500.000

Project duration: 24 months

Start Date: 1st June 2021

Project Coordinator: Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung e.V, IOSB, Germany

INTERACT Consortium:

- Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung e.V, IOSB, (Germany);
- Nederlandse Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek TNO, (Netherlands);
- Institute of Communication and Computer Systems, (Greece);
- Totalforsvarets Forskningsinstitut, FOI, (Sweden);
- Airbus Defence And Space SA, (Spain);
- Seastema SPA, (Italy);
- Societe d'Ingenierie de Recherches et d'Etudes en Hydrodynamique Navale, (France);
- INTRACOM SA Defense Electronic Systems, (Greece);
- Indra Sistemas SA, (Spain);
- Leonardo - Societa per Azioni, (Italy);
- MBDA France, (France);
- Stichting Nationaal Lucht-en Ruimtevaartlaboratorium, NLR, (Netherlands);
- Green Communications SAS, (France);
- Safran Electronics & Defense, (France);
- Terma A/S, (Denmark);
- Thales SA, (France);
- Baltijos Pazangiu Technologiju Institutas, BPTI, (Lithuania);
- Institutul National De Cercetare-Dezvoltare Aerospatiale "Elie Carafoli"- INCAS Bucuresti, (Romania);
- PCO SA, (Poland).

SEASTEMA

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