USSPS

Development of Unmanned Semi-fixed Sea Platforms for Maritime Surveillance

SELECTED PROJECTS EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2020

CALL TITLE: Maritime surveillance capabilities

TOPIC TITLE: Maritime surveillance generated by networks of sensors based on fixed and/or semi-fixed unmanned platforms

DURATION OF THE PROJECT: 42 months

TYPE(S) OF ACTIVITIES: Study; Design; Prototyping; Testing

TOTAL COST: €19,469,437.57

MAXIMUM EU CONTRIBUTION: €12,796,545.80

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

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<tr>
<th>NAME OF THE ENTITY</th>
<th>COUNTRY</th>
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<td>ETME PEPPAS KAI SYNEGATES EE. (COORDINATOR)</td>
<td>Greece</td>
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<td>APPLIED INTELLIGENCE ANALYTICS LIMITED</td>
<td>Ireland</td>
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<td>CY.R.I.C CYPRUS RESEARCH AND INNOVATION CENTER LTD</td>
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<td>SMST DESIGNER &amp; CONSTRUCTORS</td>
<td>Netherlands</td>
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<td>STICHTING MARITIEM RESEARCH INSTITUUT NEDERLAND</td>
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<td>TECHLAM SAS</td>
<td>France</td>
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<td>TECNOBIT SLU</td>
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<td>UNMANNED TEKNOLOGIES APPLICATIONS S.L.</td>
<td>Spain</td>
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SHORT DESCRIPTION OF THE PROJECT:

USSPS will develop a system to improve Maritime Surveillance by exploiting unmanned semi-fixed platforms at sea.
The project “Development of Unmanned Semi-fixed Sea Platforms for Maritime Surveillance” (USSPS) will develop the backbone of an advance Command, Control, Communication, Computers, Combat Systems, Intelligence, Surveillance, Target Acquisition, and Reconnaissance (C5ISTAR) federated system of systems. USSPS will integrate legacy assets and systems with innovative solutions, aiming to improve maritime surveillance capabilities, reduce high value asset utilization and mission related costs, and provide cross-domain persistent and permanent maritime situational awareness. The project will develop an unmanned highly autonomous, energy efficient and miniaturized oil rig technology-based platform capable to integrate a wide range of air, surface and underwater sensors. The platforms will enable deployment in any geographical region, including all types of sea-beds and deep-sea regions, and operation under adverse environmental conditions.