MARITIME

(EE) Medium size Semi-Autonomous Surface Vehicle (M-SASV)

(established in November 2021)

For Public Release

PROJECT DESCRIPTION

Project will develop a modular medium size semi-autonomous surface vehicle with various mission modules (e.g. ISR, ASW, ASuW, NMW/NMCM). Manned when must, unmanned, when possible, the platform will provide increased operational flexibility and crew protection. While the design focuses on littoral operations the platform will be also deployable as part of naval task groups.

OBJECTIVES/PRODUCTS

Project objective is to develop a medium size semi-autonomous surface vehicle (M-SASV) with following main characteristics and capabilities:

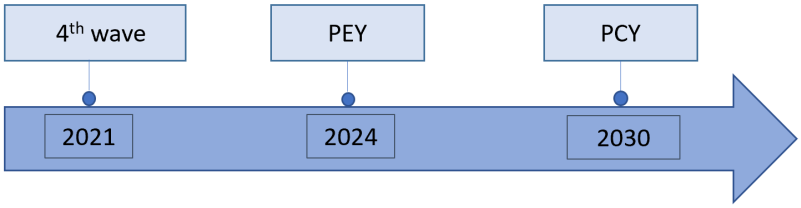
1) Modular architecture that supports various mission modules/payloads (e.g. ISR, Anti-surface Warfare, Anti-submarine Warfare, Naval Mine Warfare or/and Naval Mine Countermeasures);

2) Platform that is manned when must, unmanned, when possible, i.e. a combination of manned and unmanned functions that enables persistent naval presence and fulfilment of variety of tasks in different threat conditions;

3) Improved cyber resilience of networks and data links vital to the functioning of platform both individually and as part of a naval task groups.

INDICATORS

Project Execution Year (PEY) and Project Completion Year (PCY):



DELIVERABLES ACHIEVED

- Joint Requirements
- Letter of Intention
- Memorandum of Understanding
- Project Management

CRITERIA FOR SUCCESS

- Successful completion of studies, design, prototyping and testing of a modular semi-autonomous platform with mission modules by 2027.

EE, FR, LV, RO

FI, LT, PL

IDEATION
INCUBATION
EXECUTION
CLOSING

Contribution to the more binding commitments
Yes

Capability Perspective

EU CDP priority
Naval Manoeuvrability

CARD references
European Patrol Class Surface Ships (EPC2S) Focus Area

Operational Viewpoint

HICG
Maritime engagement incl. anti-submarine warfare

EDA support
No