



Advanced Naval Technology Exercise Program

Request for Project Information

ANTX-Coastal Trident 2022

PURPOSE

In the summer of 2022, the Naval Surface Warfare Center's Port Hueneme Division will lead execution of its annual Advanced Naval Technology Exercise. ANTX-Coastal Trident 2022 will be conducted to accelerate identification and implementation of leading-edge capabilities by the U.S. Navy and its interagency partners in port and maritime security.

The purpose of the Request for Project Information (RFI) is to solicit information regarding operational and technical objectives by project teams seeking to participate in ANTX-CT22.

SCOPE

ANTX-Coastal Trident leverages the scenarios and operational environments supporting regional training and exercise initiatives to focus the capabilities and subject matter expertise of the government and its partners in industry and academia on Navy priorities and technical needs.

In 2022, ANTX-Coastal Trident will be conducted to facilitate concept demonstrations and field experiments in the following technology areas:

- Critical infrastructure security, threat mitigation, and incident response
- In-service engineering, maintenance, and sustainment of surface fleet and expeditionary combat systems
- Port and maritime domain awareness, data fusion, and decision support
- Augmented and virtual reality modeling, simulation, and digital engineering
- Unmanned systems applications, implementation, and countermeasures

ANTX-CT22 will be conducted as a series of technical demonstration, field experimentation, and exercise activities, according to the unique objectives and operational, administrative, and support needs of each project.

NSWC PHD's ANTX is encompassed within the architecture of an operational research program known as "Coastal Trident," which has been conducted annually since 2007 to advance the state of the art in countering threats to port and maritime security and the global operations of naval forces.

PROJECT PROPOSALS

ANTX-Coastal Trident activities are determined by program sponsors, government stakeholders, private sector and academic technologists, and are based on communicated research objectives and operational or technical gaps.

This RFI is intended to assist in collection of information about participant priorities and project objectives. This information will enable the ANTX-CT22 planning team to begin the process of evaluating the feasibility of proposed projects, coordinating supporting resources, and designing realistic and relevant environments to support achievement of project objectives.



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Organizations interested in proposing projects for ANTX-CT22 should complete and submit the attached “ANTX-CT22 Project Proposal” form. This document will provide the planning team with information necessary to gain an understanding of the initial concept and objectives, in order to support follow-on planning and coordination as required.

All proposals will be evaluated by the ANTX-CT22 planning team according to their timeliness in submission, research value, alignment with operational and technical needs, and available resources.

Completed proposals are a requirement for each project to be planned and conducted under ANTX-CT22. Project Proposal forms are due to the Principal Investigator (see below) **no later than January 12, 2022**, unless an extension has been requested and valid reasons exist to delay initial planning.

Participants should not submit proprietary or classified information in response to this RFI. Information received by the ANTX-CT22 planning team will be considered Controlled Unclassified Information (CUI) and will be safeguarded as such. If you require a more secure format for project submission to ensure information security, please contact us.

PLANNING AND EXECUTION MILESTONES

The following timeline has been established to support planning and execution of ANTX-CT22 activities:

Concept Development Meeting	November 10, 2021
Project Proposals Due	January 12, 2022
Initial Planning Meeting	January 19, 2022
Mid-term Planning Meeting	March 16, 2022
Final Planning Meeting	May 11, 2022
Program Execution	June through September, 2022
After Action Conference and Open House	September 14 and 15, 2022

NOTE: ANTX-CT22 activities will be conducted where venues and supporting resources match project needs and when technical readiness matches venue availability. For these reasons, there will not be specific locations and dates for execution identified until later in the planning process.

POINT OF CONTACT

For further information about ANTX-CT22 or this RFI, please contact the Principal Investigator:

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