

Panel Project Solicitation 20-01 June 12, 2019

MISSION

- ❖ Manage and focus national shipbuilding and ship repair research and development funding on technologies that will reduce the cost of ships to the U.S. Navy, other national security customers and the commercial sector, and develop and leverage best commercial and naval practices to improve the efficiency of the U.S. shipbuilding and ship repair industry.
- ❖ Provide a collaborative framework to improve shipbuilding-related technical and business processes.



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1. INTRODUCTION

The National Shipbuilding Research Program (NSRP) Executive Control Board (ECB) invites the [NSRP Panels](#) to submit R&D white papers to be considered for funding as Panel Projects. **Submissions must be in accordance with the latest [Panel Project Guide Vol 1 – Proposers Rev. S \(dated June 12, 2019\)](#).**

The ECB continues to strongly support the Panels by providing funding for projects that are not well suited for the Research Announcement project solicitation process, yet address the program’s objectives for improving technology, networking, knowledge-sharing and innovation within the industry, Navy, other national security customers, and the commercial sector, as well as working with regulatory agencies to the betterment of industry, employees, and the environment.

Below are the [nine panels](#) and their alignment with the Major Initiatives of the Program:

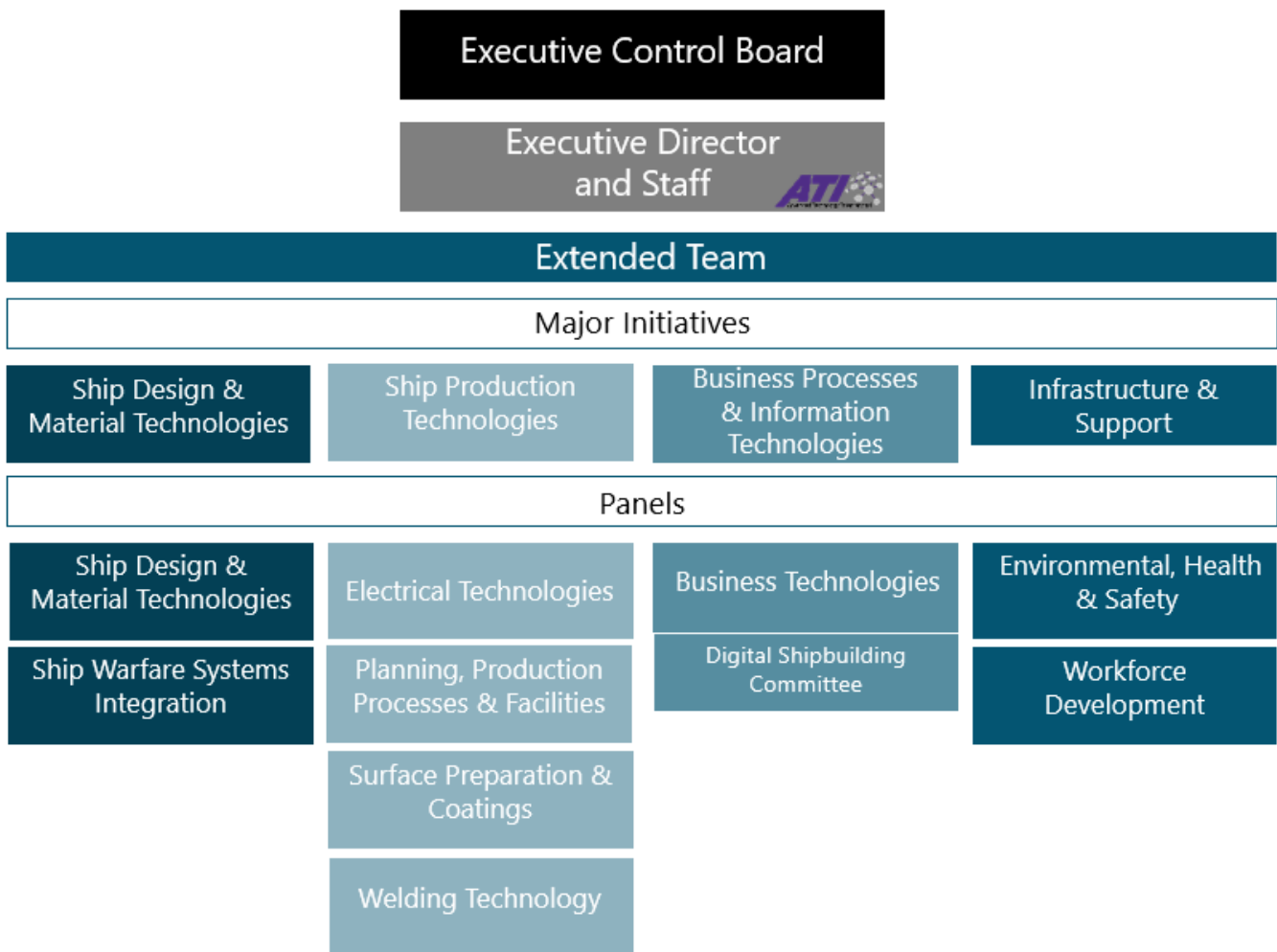


Figure 1 - Panel Alignment with Major Initiative Areas

2. WHITE PAPER TOPICS OF INTEREST

Panel Project white papers addressing topics from either the [Strategic Investment Plan \(SIP\)](#) or [Technology Investment Plan \(TIP\)](#) will be of particular interest. This solicitation is issued to solicit white papers for research, development and implementation of best practices in the U.S. shipbuilding and repair enterprise that will achieve one or more of the following Strategic Objectives:

- Reduced Total Ownership Cost of ships
- Improved quality in ship design, construction and repair through continuous improvement of advanced technologies, processes and data management applications
- Enhanced workforce excellence
 - Improved safety, wellness and environmental stewardship for shipyards and shipboard personnel
 - Recruitment, training, engagement and retention of shipbuilders and ship repairers through collaboration, knowledge sharing and attitude management during change
- Reduced cost associated with ship systems integration during ship design, construction, modernization and maintenance
- Increased materials and process commonality across the shipbuilding and ship repair enterprise to reduce cost
- Identification of best practices from all sources regarding cybersecurity technologies

Panel officers should strongly encourage their membership to review both the [SIP](#) and the latest [TIP](#) prior to submission of white papers under this solicitation. However, as always, this is not meant to restrict the process. Both in panel white paper submissions and in ECB selection, the objective is always to fund the best available ideas that support the NSRP mission with the money available.

3. WHITE PAPER SUBMISSION PROCESS

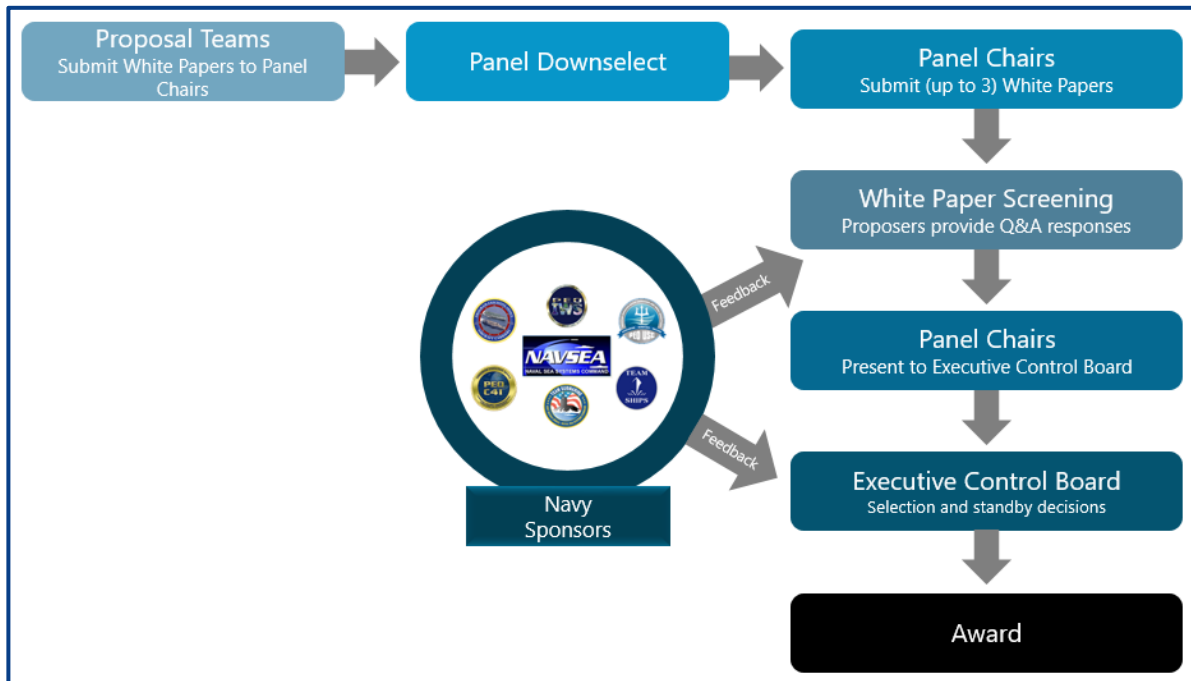


Figure 2 - Panel Project Selection Process

NSRP Executive Control Board member shipyards and panel members (as defined by individual panel membership by-laws) may submit white papers. White papers shall be submitted directly to the appropriate Panel Chair and ATI (nsrp@ati.org). Proposers: see Figure 1 – Panel Alignment with Major Initiative Area.

4. EVALUATION CRITERIA

The ECB will evaluate white papers for selection using criteria that include, but are not limited to, those shown below. Proposers, panels, and Panel Chairs should also consider these criteria when submitting and when deciding which white papers to select for consideration by the ECB.

- Technology transfer and implementation objectives that benefit both industry and government are clearly stated.
- NOTE: “Technology transfer and implementation” involves more than simply giving presentations at meetings and conferences. NSRP project proposals should include not only plans for disseminating information but also plans for others to receive that information and act on it to realize benefits from the project results. Develop these plans with the following steps in mind, along with other guidance in the [NSRP Technology Transfer and Implementation Guide](#):
 - disseminate project information during the project lifecycle;
 - facilitate adoption of the technologies and/or processes developed under the project across the industry;
 - describe methods to engage industry and government stakeholders; and
 - transition the final project results to the U.S. shipbuilding industry
- Reasonableness of proposed costs.
- Commitment by one, or preferably, multiple ECB member shipyards.
- Other non-ECB member shipyards, organizations and/or companies that have committed to participate should be clearly identified. If the lead proposer is a shipyard, commitment by the technical department, as well as the business/financial authority, is critical.
- Government funding sponsor involvement is encouraged.
- For projects that involve a survey, submissions should include evidence of a commitment by the target audience to participate in the survey.
- Risks to successful project completion are identified
- All projects, if applicable, **shall** include Government Purpose Rights. Specially-negotiated rights are subject to approval by the NSRP Agreements Officer prior to award. Unless otherwise specifically negotiated and approved, the Government will obtain Government Purpose Rights to all intellectual property (IP) developed under the NSRP Program including IP developed using cost share sources. Any request for specially-negotiated rights other than Government Purpose Rights must be disclosed in the white paper for consideration and approval. Panels, the government funding sponsors, and the ECB factor less than full Government Purpose Rights for IP into their selection decisions.

5. TEAMING

If the project is selected for award, the lead proposer shall conduct a pre-award Business Evaluation of all project team members, subcontractors and consultants, as described in the [Base Task Order Agreement](#).

6. PROJECT AWARD

The Executive Control Board will select projects for award at their Fall 2019 meeting, during which Panel Chairs or their delegates will give oral presentations. Presenters should expect questions from the ECB, Navy, and other government sponsors regarding their proposed projects.

Further information on the submission, evaluation, and award process can be found in the [Panel Project Guide Vol 1 – Proposers Rev. S](#).

7. NOTICE TO FOREIGN-OWNED FIRMS

Proposers should be aware that prior Government approval may be required before proposals, which include foreign entities as either the prime contractor or a subcontractor, can be considered. All proposals must comply with the Export Administration Regulation (15 CFR 730-774) (EAR) or the International Traffic in Arms Regulations (22 CFR 120-130) (ITAR), and the National Industrial Security Program Operating Manual (DoD 5220.22-M) (NISPOM), insofar as the EAR, ITAR, and NISPOM apply to various activities performed in the execution of the project.

8. DEADLINE

Deadline for Proposers to submit white papers to Panel Chairs **and** ATI is 12:00 p.m. (noon) ET on **August 12, 2019**. Deadline for Panel Chairs to submit top three white papers and any joint panel papers to ATI is 12:00 p.m. (noon) ET on **September 5, 2019**. Panel Chairs shall submit white paper(s), using the White Paper Submission Module.

NOTE: White paper submitters are reminded that each Panel Chair will have interim due dates to accommodate their panel's down-select process prior to submission to ATI. Please regularly check the NSRP website for those dates.

Any questions can be directed to Frances Pearce (frances.pearce@ati.org) or Scott Leacock (scott.leacock@ati.org).