



# Topic 11: Living Marine Resources Program

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## ABSTRACT SUBMISSION GUIDE

*May 2025*

# 1 Introduction

The Living Marine Resources (LMR) program's fundamental mission is to support the Navy's ability to conduct uninterrupted at-sea training and testing, which preserves core Navy readiness capabilities. LMR is an applied research, development, test, and evaluation (RDT&E) program that funds Navy driven research needs to support at-sea compliance and permitting.

Research funded by the LMR program is needed to support the Navy's at-sea compliance and permitting processes. Without permits and associated compliance, the Navy risks not being able to train or test. Without training and testing, the Navy cannot be ready to meet its mission. Compliance is fundamental to continued uninterrupted training and testing, and ultimately, to Navy readiness.

The LMR program makes its primary investments in the following five investment areas:

- Data to Support Risk Threshold Criteria
- Data Processing and Analysis Tools
- Monitoring Technology Demonstrations
- Standards and Metrics
- Emergent Topics

The LMR program website contains details on current and completed projects, a list of publications, quarterly newsletters, and annual reports. The website also contains a Proposals tab, that will list any applicable open solicitation. In addition, any specific need topics that we would like to receive proposals on will be listed. **Prior to submitting an abstract under TOPIC 11 (LMR)**, visit the website and check the Proposals tab for details at:

<https://exwc.navfac.navy.mil/LMR/Proposals>

## 2 Abstracts

### What Is an Abstract?

Abstracts are a description of a proposed research project in response to a specific need topic. Abstracts allow for the evaluation of the technical merit, appropriateness, feasibility, and overall budget of the proposed project. All qualified applicants interested in responding to a specific need topic are required to submit an abstract. Details regarding how applicants submit an abstract pertaining to **TOPIC 11: Living Marine Resources**, are detailed in the sections below.

### What Information Is Required In an Abstract?

There is no specific format required for the abstract, however, the abstract should be consolidated into one single file (PDF) and should not exceed **ten pages** in length.

**On the first page of the abstract, provide the following information:**

1. Submittal Date
2. Contact Information
  - Name, Address, Phone, and Email for a technical and contracting POC
3. Organization Information
  - Organization Type (indicate large business, small business, academia, Federally Funded Research and Development Center (FFRDC), University Affiliated Research Center (UARC), or non-profit organization.
  - Name and Address
  - Unique Entity Identifier (UEI) in System for Award Management (SAM) (<https://sam.gov/>) and Commercial and Government Entity (CAGE) code (<http://govwin.com/knowledge/ccr-registration>)
4. Solicitation Number
  - List the applicable BAA solicitation number that your abstract is being submitted under.
5. Topic Number and Name
  - List the topic number and name (**TOPIC 11: Living Marine Resources**) that your abstract is most applicable to.
6. Project Title
  - Provide the title of your proposed project.
7. Cost Estimate (by Calendar Year)
  - Provide a summary table of overall project costs estimated to execute the project to completion, broken out by Calendar Year.
  - Make sure that requirements associated with Project Management are included in the Abstract either within the technical Tasks or as a separate Task. Project management requirements include development of a project fact sheet, quarterly status reports, management of budget/invoicing, attendance at the LMR In-Progress Review to present on progress each year, and a 1-2 page summary of effort each year for the LMR annual report.
  - As part of project management, please include a trip for the PI to attend the In-Progress Review (IPR) meeting (3-days) each year (fall) in Santa Barbara, CA to present on the progress of the project. The IPR meeting is 3 full days and the PI is required to attend for the duration of the meeting. Due to space limitations for the meeting, you are only allowed a maximum of 2 people to attend the IPR from your entire project team (including all subcontractors). **NOTE:** If you have an existing LMR project and costs to attend the IPR are already covered, please do not include these costs again.

**In the remaining pages of the abstract, provide the following information:**

**8. Technical Approach**

- Describe the proposed project and any relevant supporting background information.
- Clearly state how the proposed project addresses the need topic.
- If applicable, discuss the demonstration and validation phase of the research effort.
- Provide supporting information that the approach or technology is mature enough for applied research funding (include any references). If the proposed project includes basic research elements, clearly break out the basic vs. applied aspects of the project.
- Describe performance criteria to measure success of the research effort.
- Discuss any aspects of the project that include leveraged funding from other programs.
- Describe the potential limitations or technical risks that may pose a challenge to the success of the project.
- Outline the technical approach broken out into distinct tasks and associated deliverables.

**9. Offeror's Related Experience**

- Provide evidence/examples that the offeror (academic institution, organization, firm, etc.) has experience related to the solution being proposed.

**10. Principal Investigator's and Key Team Member's Related Experience**

- Provide in a summary table the names, highest degree, organization/affiliations, location, and years of experience for each Principal Investigator (PI) and key team member.
- Provide a one-page CV for each Principal Investigator (PI) and key team member. **The CVs do not count toward the 10-page limit for the abstract.**

**11. Project Benefits**

- Describe the expected benefits of the proposed project to the Navy and the key issues it addresses in the need topic.
- Describe the potential application of the results from the project.
- Discuss the advantages of the proposed project over current approaches (technology, methods, costs, etc.).

**12. Schedule/Milestones**

- Provide the overall proposed project start and completion date.
- Provide a detailed task/milestone (e.g. significant stage of development/progress, field tests/studies, deliverables, and publications) breakdown for the entire project with proposed dates.

**13. Product Implementation (3 Elements)**

**a) Products and Deliverables:**

- Describe the intended product(s) and all associated deliverables.

**b) Implementation Requirements:**

- Identify the intended end user of the product (i.e. Navy marine species monitoring program, Navy environmental compliance community [MMPA, ESA, NEPA, etc.], general scientific community, etc.).
- Describe the planned method by which the product will be transitioned to end users (i.e. publication, technology, method, etc.).
- Specify how implementation methods may differ to reach appropriate audiences (i.e. Navy, regulators, scientific community, etc.) and any restrictions that may apply (i.e. permits, patents, proprietary technology or data, existing agreements, etc.).
- Describe any proposed guidance documentation that will assist in future implementation.

c) Technical Risks:

- Describe the potential technical risks that may pose a challenge to successful implementation of the product(s) or deliverable(s).

## **When Can I Submit My Abstract?**

The LMR program accepts abstracts only during open season, which will be specified on the Broad Agency Announcement (BAA) solicitation.

## **How Do I Submit My Abstract?**

For non-federal applicants a Broad Agency Announcement (BAA) solicitation will be posted under Contract Opportunities on SAM.gov (<https://sam.gov>). Abstracts in response to the BAA should be submitted via email to [nicole.m.mendes2.civ@us.navy.mil](mailto:nicole.m.mendes2.civ@us.navy.mil) and [katelyn.t.rydberg.civ@us.navy.mil](mailto:katelyn.t.rydberg.civ@us.navy.mil). Abstracts must be received before the deadline specified in the BAA.