MARINE RECREATIONAL INFORMATION PROGRAM

IMT: FY 2013 Project Proposal

**MDMS Phase 3: Scalability, Reporting and Metadata
[aka MDMS 3.0]**

Submitted October 15, 2012

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1. Overview

1.1. Background

The MRIP Data Management Standard (MDMS) is a web-accessible data and project management application. MDMS was developed initially in 2008 (i.e. MDMS 1.0) for the management and standardization of MRIP data. In 2010, the NMFS Data and Information Management Policy Directive was released, requiring all NMFS funded projects to publish metadata and data within 1 year of collection. The IMT recognized the time burden that preparing documentation and reports places on project leads. MDMS 2.0 replaced the legacy project proposal and plan templates used within MRIP. As of 2012, MDMS also serves the public with transparent access to MRIP projects, processes and progress.

1.2. Project Description

MDMS 3.0 will expand the system to focus on three specific areas: collect additional information management details and integrate with the NMFS Information Portal (InPort) metadata repository to fulfill increasing information management requirements, enhance project workflow and reporting functionality, and build a scalable framework to allow for broader use of MDMS for project and metadata management by other MRIP teams.

1.3. Objectives

Expand MDMS to:

- collect additional information management details,
- enhance project workflow and reporting functionality,
- and build a scalable framework

1.4. References

2. Methodology

2.1. Methodology

Redesign the database to allow for customization of fields and functions based on program entity. The design should make the application more scalable for use by other MRIP teams. Update the interface for more intuitive use. Create a form for project reporting, similar to project proposals/plans.

2.2. Geographic Coverage

2.3. Temporal Coverage

2.4. Frequency

2.5. Unit of Analysis

2.6. Collection Mode

3. Assumptions and Constraints

Are there any assumptions about the completion of other projects or external factors that may constrain the success of this project? In general, the portion of scope that deals with the limits of the projects should be identified here.

3.1. Is this a new data collection (yes/no)

No

3.2. Funding Source

S&T, pre-funded, no new funds necessary

3.3. Data Resources

None

3.4. Other Resources

All NMFS or NMFS contractor staff.

3.5. Regulations

3.6. Other

4. Final Deliverables

Describe any deliverables, including reports, improvements to other MRIP projects, or other outcomes which will be produced before the completion of the project. Parts of the scope that deal with the ultimate outcome of the project should be identified here.   A detailed design document will be *required* *for new data sets and databases in the project plan for approved proposals.   A final report and metadata record, submitted via MDMS, are required.*

4.1. Additional Reports

4.2. New Data Sets

4.3. New Systems

MDMS 3.0, Oracle backend, with Java front end for restricted user log-in (via CAM), as well as Java public interface.

5. Project Leadership

5.1. Project Leader and Members

Identify the sponsor, project team leader and project team members who will be responsible for completing the project.

NOTE: There should be only one team leader and multiple team members.

Table 1: Project Members

Project Role	Name	Organization	Title	Email	Phone 1
IMT Sponsor	Lauren Dolinger Few	NMFS	IT Spec	Lauren.dolinger.few@noaa.gov	301-427-8127
Team Leader	Lauren Dolinger Few	NMFS	IT Spec	Lauren.dolinger.few@noaa.gov	301-427-8127
Team Member	Scott Sauri	NMFS	IT Spec		
Team Member	Hussain Jabalpurwala	NMFS contractor	Project Manager		
Team Member	Mukta Gupta	NMFS contractor	Oracle Designer		
Team Member	Ankit Desai	NMFS contractor	Java dev		
Team Member	Tom Si	NMFS contractor	Java dev		

6. Project Estimates

6.1. Project Schedule

The schedule should include all project deliverables and milestones, as well as all activities that will be completed by the project team. It is NOT necessary to anticipate and/or document activities that will be completed by a contractor or entity that is not a direct member of the project team (e.g. data collection contractor). However, the schedule should include the activities required to procure external resources (e.g. drafting statements of work), and the implementation and/or completion of work conducted by non-work group entities should be identified at some level (milestone, deliverable). Activities should be assigned only to the sub-deliverables in the structure. Dates for the completion of these activities should also be developed and entered into the table. Identify which tasks are milestones/deliverables. At least one task is *required* *for proposal submission.*

Table 2: Project Schedule - Major Tasks and Milestones

#	Schedule Description	Planned Start	Planned Finish	Prerequisites
1	kickoff mtg	9/13/2012	9/13/2012	
2	reporting module	11/1/2012	2/28/2013	1
3	metadata module translation	1/1/2013	4/30/2013	1
4	Launch to Test, testing	5/1/2013	6/30/2013	2,3
5	Launch to Prod	7/1/2013	7/31/2013	4

6.2. Cost Estimates

Summarize the project's budget and estimated overall budget projections. Provide an estimated list of resourcing requirements.

Table 3: Cost Estimates

Project Need	Cost Description	Date Needed	Estimated Cost
Contractor support	developers		$200,000
TOTAL			$200,000