

**MARINE
RECREATIONAL INFORMATION
PROGRAM**

IMT: FY 2013 Project Proposal

Online MRIP For-Hire Vessel Directory

Submitted October 15, 2012

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1. Overview

1.1. Background

Over the next three years, the IMT will focus data quality management tasks on quality assurance, quality control, and version tracking. Consistent quality assurance and quality control plans need to be incorporated into all stages of data processing. The first phase of data quality improvements involved development of the new site register application and database. In this next phase we will apply these same principles, as well as some lessons learned, to the vessel directory. These new developments ensure a high level of data quality, maintain consistency between regions, allow for version tracking and increase efficiency in sampling and quality control procedures.

1.2. Project Description

Currently, contractors and state partners maintain independent directories which are provided to the FHS contractor to reconcile for survey purposes. In addition, states are now required to provide a list of licensed for-hire vessels and vessel operators and owners to the NSAR. The new vessel directory will combine and reconcile data sources, as well as have tools for contractors and staff to edit and update vessel records. Changes to vessel information will be tracked over time. Sample frame tools will be added to provide streamlined generation and access to frames.

1.3. Objectives

To improve the management and quality of the data used for the selection of samples in the for-hire surveys, a new online vessel directory register will be created. The database and tools will be maintained by NOAA Fisheries to ensure a high level of data quality, maintain consistency between regions, and increase sampling and data processing efficiency.

1.4. References

2. Methodology

2.1. Methodology

Design a database driven, web accessible system for management of for-hire vessel information.

2.2. Geographic Coverage

Atlantic, Gulf, & Caribbean states.

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, perhaps funds provided to commission to for state support/data entry

3.3. Data Resources

NSAR for-hire licenses, existing vessel directories provided by states, contractors for FHS, LPS & APAIS

3.4. Other Resources

NMFS and NMFS contractor staff, cooperation of state partners for testing and development. Funding may be necessary, depending on level of state support needed.

3.5. Regulations

NSAR Final Rule

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

Online Vessel Directory, Oracle backend, with Java front end for restricted user log-in (via CAM).

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	Denisa Bento	NMFS contractor	Oracle Developer		
Team Member	Ankit Desai	NMFS contractor	Java dev		
Team Member	Tom Si	NMFS contractor	Java dev		
Team Member	Alvin Fagan	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	11/1/2012	11/1/2012	
2	Database development	12/1/2012	2/15/2013	1
3	Interface development	2/1/2013	4/30/2013	1
4	Launch to Test, testing	5/1/2013	6/30/2013	2,3
5	Data loading/refresh	7/1/2013	8/31/2013	4
6	Launch to Prod	9/1/2013	9/30/2013	5

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		\$150,000
State support	grants to commissions	5/1/2013	\$350,000
TOTAL			\$500,000