

Online MRIP For-Hire Vessel Directory

FY 2013 Proposal

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1. Overview

1.1. Sponsor

Lauren Dolinger Few

1.2. Focus Group

Information Management

1.3. 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.

1.4. 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.

1.5. Public Description

1.6. 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.

1.7. References

2. Methodology

2.1. Methodology

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

2.2. Region

Caribbean, Gulf of Mexico, Mid-Atlantic, North Atlantic, South Atlantic

2.3. Geographic Coverage

Atlantic, Gulf, Caribbean

2.4. Temporal Coverage

2.5. Frequency

2.6. Unit of Analysis

2.7. Collection Mode

3. Communication

3.1. Internal Communication

NA

3.2. External Communication

NA

4. Assumptions/Constraints

4.1. New Data Collection

N

4.2. Is funding needed for this project?

Y

4.3. Funding Vehicle

S&T, pre-funded, perhaps funds provided to commission to for state support/data entry

4.4. Data Resources

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

4.5. 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.

4.6. Regulations

NSAR Final Rule

4.7. Other

5. Final Deliverables

5.1. Additional Reports

5.2. New Data Set(s)

5.3. New System(s)

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

6. Project Leadership

6.1. Project Leader and Members

First Name	Last Name	Title	Role	Organization	Email	Phone 1	Phone 2
Denisa	Bento	Oracle Developer	Team Member	NMFS contractor			
Ankit	Desai	Java developer	Team Member	NMFS contractor			
Lauren	Dolinger Few	IT Specialist	Team Leader	NMFS	Lauren.dolinger.few@noaa.gov	301-427-8127	
Alvin	Fagan	Java developer	Team Member	NMFS contractor			
Mukta	Gupta	Oracle Designer	Team Member	NMFS contractor			
Hussain	Jabalpurwalla	Project Manager	Team Member	NMFS contractor			
Scott	Sauri	IT Specialist	Team Member				
Tom	Si	Java developer	Team Member	NMFS contractor			

7. Project Estimates

7.1. Project Schedule

Task #	Schedule Description	Prerequisite	Schedule Start Date	Schedule Finish Date	Milestone
5	Data loading/refresh	4	07/01/2013	08/31/2012	
4	Launch to Test, testing	2, 3	05/01/2013	06/30/2013	
6	Launch to Prod	5	09/01/2013	09/30/2013	
2	Database development	1	12/01/2012	02/15/2013	
1	Kickoff Meeting		11/01/2012	11/01/2012	
3	Interface development	1	02/01/2013	04/30/2013	

7.2. Cost Estimates

Cost Name	Cost Description	Cost Amount	Date Needed
Contractor support	developers	\$150000.00	
State support	grants to commissions	\$350000.00	05/01/2013
TOTAL COST		\$500000.00	

8. Risk

8.1. Project Risk

Risk Description	Risk Impact	Risk Probability	Risk Mitigation Approach
NA	NA	Low	NA

9. Supporting Documents