

## MRIP Project Tree

Since 2008, one of the major priorities of the Marine Recreational Information Program (MRIP) has been to engage partners in reviewing and developing revised survey methods. To do so, the MRIP Operations Team has led this effort, soliciting and providing funding recommendations for pilot studies that have been carried out by our partners. The list below provides an outline of the projects and what various priorities they have encompassed. Many of these funded projects are still ongoing. The links provide either the final report for completed projects or the project plan for ongoing projects.

<b>1. Develop Improved Surveys of Fishing Effort</b>	<b>FY</b>	<b>Status</b>
1.1. <a href="#">WA Dual-Frame Telephone Survey</a>	2009	Ongoing
1.2. <a href="#">Development of Alternative Procedures to Match Component Sample Frames in Dual Frame Telephone Survey Approach</a>	2010	Complete*
1.3. <a href="#">Measurement Error in the CHTS and ALDS: Assessing the Effects of Length of Recall Period on Data Quality</a>	2010	Ongoing
1.4. <a href="#">Pilot Test of a Dual-Frame Two Phase Mail Survey of Anglers in North Carolina</a>	2009	Complete
1.4.1. <a href="#">Dual-Frame Mail Survey: Enhancing Mail Survey Response Rates</a>	2010	Complete
1.4.1.1. <a href="#">Continued Development and Testing of Dual-Frame Surveys of Fishing Effort</a>	2011	Ongoing
1.4.1.1.1 <a href="#">Finalize Design of MRIP Fishing Effort Surveys</a>	2012	Ongoing
1.4.1.1.1.1. <a href="#">Testing for measurement error in a recreational fishing mail survey</a>	2014	Ongoing
1.5. <a href="#">Hawaii Regional Survey Pilot Project: Testing a Mail Survey to Obtain Effort and Other Data from Boat-based Noncommercial Fishermen in Hawaii</a>	2012	Ongoing
1.6. <a href="#">Review of the Current Sampling and Estimation Methods of the Hawaii Marine Recreational Fishing Survey</a>	2012	Complete
1.6.1 <a href="#">Design and test effort surveys for shoreline fishing in HMRFS</a>	2013	Ongoing
1.6.1.1. <a href="#">Pilot surveys of shoreline fishing effort for HMRFS</a>	2014	Ongoing
1.7. <a href="#">Estimating recreational fishing effort from onsite survey data</a>	2014	Ongoing
1.8. <a href="#">A video monitoring system to evaluate ocean recreational fishing effort in Astoria, OR</a>	2014	Ongoing
<b>2. Assess Sampling and Estimation Methods</b>	<b>FY</b>	<b>Status</b>
2.1. <a href="#">Document Sampling and Estimation Designs for MRFSS Catch Surveys</a>	2008	Complete
2.1.1. <a href="#">Development of Improved Estimation Methods for Access Point Angler Intercept Survey</a>	2008	Complete
2.1.1.1. <a href="#">Hawaii Pilot Study to Improve Intercept Survey</a>	2010	Complete
2.1.2. <a href="#">Pilot Study to Test New APAIS Sampling Design in North Carolina</a>	2009	Complete
2.1.2.1. <a href="#">Development of Stratified Sampling Design for Maryland Inland Waters</a>	2011	Complete
2.1.2.2. <a href="#">Regionally Stratified Recreational Catch and Effort Estimates Using new MRIP Methodologies</a>	2011	Postponed
2.1.3. <a href="#">Review and Assessment of Methodologies Used to Estimate Recreational Fishing Participation</a>	2010	Complete*
2.1.3.1. <a href="#">Finding Nemo's Finder: A new approach to Saltwater Fishing Participation Estimation</a>	2012	Ongoing
2.1.3.2. <a href="#">Simulation study to evaluate alternative estimators of the mean participation of</a>	2014	Ongoing

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marine recreational fishing participants from access point survey data		
2.1.4. Panel Survey Pilot Study to Quantify Differences between Trips Covered and Trips Not Covered by On-Site Intercept Survey	2010	Complete
2.2. Review Estimation Methods for Washington Ocean Sampling Program (OSP)	2010	Complete
2.2.1. Addressing Preliminary Recommendations from the MRIP Sponsored Review of Monitoring of Washington's Ocean Sampling Program (Winter Sampling)	2011	Complete
2.2.1.1. Washington MRIP Consultant's Review Sampling Ocean Fisheries in Winter Months	2012	Complete
2.2.1.1.1. Washington MRIP Consultant's Review Sampling Ocean Fisheries in "Shoulder" Months	2013	Ongoing
2.2.2. Recommendations for Sampling of Minor Ports in Washington	2012	Ongoing
2.3. Addressing MRIP Recommendations for the Puget Sound Recreational Fishery Monitoring Program	2011	Complete*
2.4. Review Estimation Methods for the Oregon Recreational Boat Survey (ORBS)	2010	Complete
2.4.1. 2011-2012 ORBS Supplemental Sampling	2011	Complete
2.4.1.1. ORBS Significant Port Additional Sampling	2013	Ongoing
2.4.2. Oregon Shore and Estuary-Boat Survey Design Review	2012	Ongoing
2.4.3. Oregon Ocean Recreational Boat Survey Point & Variance Estimation	2012	Complete*
2.4.4. ORBS Port of Nehalem Sampling	2013	Ongoing
2.5. Review of Current Sampling and Estimation Methods for the California Recreational Fishing Survey (CRFS)	2011	Complete
2.5.1. Redesign California Recreational Fisheries Survey (CRFS) Sampling and Estimation Procedures for Surveys at Manmade Structures and Secondary Private and Rental Boat Sites	2012	Ongoing
2.6. Evaluation of recreational fishing data collection in Puerto Rico	2012	Complete
2.6.1. Pilot study of the queen conch ( <i>Strombus gigas</i> ) and spiny lobster ( <i>Panulirus argus</i> ) recreational fishery in Puerto Rico	2013	Ongoing
2.7. Evaluation of recreational fishing data collection in the U.S. Virgin Islands	2012	Complete
2.7.1. Survey of recreational boat fishers in the USVI	2013	Ongoing
2.8. Pilot surveys at unsampled ports and shoreline to calibrate adjustment factors in the expansion of catch, effort and CPUE from the existing creel survey in Guam	2013	Ongoing
2.8.1. Developing and implementing specialized surveys to document fishing methods and events not adequately addressed by the existing creel survey in western Pacific	2014	Ongoing

3. Develop and Test Alternative Methods for Collecting Discard Data	FY	Status
3.1. Characterizing Discards on Headboats	2008	Complete*
3.2. Video Assessment of Recreational Discards	2010	Ongoing
3.3. Discarded Fish Identification in the Private Boat Mode	2013	Ongoing

4. Develop Improvements in For-Hire Data Collections	FY	Status
4.1. Documentation of ongoing for-hire data collection programs in the U.S.	2008	Complete

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4.1.1. Independent review of ongoing for-hire data collection programs and methodologies	2008	Complete
4.1.1.1. Puerto Rico For-Hire Data Collection	2008	Complete*
4.1.1.2. Development of Probability Based Sampling Methods for Southeast Region Headboat Survey Intercept Sampling Program	2009	Ongoing
4.1.1.2.1 Implementation of Probability Based Sampling methods for Southeast Region Headboat Survey Intercept Sampling Program	2010	Ongoing
4.1.1.3. Implementation of Electronic Logbooks on Headboats Operating in the U.S. South Atlantic	2009	Complete
4.1.1.3.1. Pilot Project, Phase II: Survey-Wide Implementation of Electronic Logbook Reporting on Headboats Operating in the U. S. South Atlantic and GOM	2012	Ongoing
4.1.1.4. Cooperative design of a logbook reporting program for the Gulf of Mexico	2009	Complete*
4.1.1.4.1. Implement pilot study to test the feasibility of logbook reporting in Gulf of Mexico	2010	Complete
4.1.1.4.1.1 Follow-up report to for-hire electronic logbook pilot in GoM: developing estimators for use with logbooks	2011	Complete*
4.1.1.5. Hawaii for-hire pilot study to incorporate validation procedures in the commercial marine license reporting program	2010	Complete
4.1.1.6. Validation Methods for Headboat Logbooks	2012	Ongoing
4.1.1.7. Determining optimum sample sizes for the Atlantic for-hire and large pelagics telephone surveys	2014	Ongoing
4.2. Wave 1 Mid-Atlantic - Southern New England Data Collection Follow-Up	2011	Complete*
4.3. For hire programs: inventory, certification, and integration planning	2014	Ongoing

5. Rare Event Species	FY	Status
5.1. Puerto Rico Non-Tournament HMS Landings Reporting for Private Boats - Phase I: Fishery Characterization and Outreach	2008	Complete
5.1.1. Non-tournament Highly Migratory Species Recreational Landings Reporting in Puerto Rico Phase II: Implementation of Pilot Data Collection Program	2010	Complete
5.1.1a. Catch Card Program		
5.1.1b. Telephone Survey		
5.2. Non-response Bias Study for the Large Pelagics Telephone Survey	2011	Ongoing
5.3. Review of current sampling and estimation methods for the LPS	2011	Ongoing
5.4. Evaluation of the Sampling Distribution of Tournament Versus Non-Tournament Trips in the Large Pelagics Survey	2008	Complete
5.5. Pilot Study to Characterize Recreational HMS Fisheries in the South Atlantic and Gulf of Mexico	2008	Complete
5.6. FL Highly Migratory Species Private Angler Telephone Survey Pilot Study	2008	Complete
5.7. FL Highly Migratory Species For-Hire Survey Pilot Study	2008	Complete
5.8. HMS North Pacific Albacore Project	2009	Complete
5.9. HMS Shark Survey Design Project	2009	Complete
5.10. Massachusetts Recreational Bluefin Tuna Landings Census Pilot- Phase I: Design and Testing	2011	Complete

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5.11. Additional LPTS data collection to address potential biases with the LPIS	2014	Ongoing
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<b>6. Electronic Data Collection</b>	<b>FY</b>	<b>Status</b>
6.1. Electronic data collection expansion-Washington	2014	Ongoing
6.2. Private recreational angler electronic census reporting of red snapper catch data in AL	2014	Ongoing
6.3. For-hire electronic census reporting of red snapper catch data in AL	2014	Ongoing
6.4. Electronic Data Collection for Angler Intercept Surveys	2012	Ongoing
6.4.1. Electronic Data Accessibility: Phase Two of Electronic Data Project	2013	Ongoing
6.4.1.1. Electronic data collection for angler intercept surveys: Expand and extend	2014	Ongoing
6.5. Internet based angler logs as a source of fishery dependent data	2013	Ongoing
6.6. Implementation of the iSnapper smartphone app to collect data across all recreational sectors in the Gulf of Mexico	2014	Ongoing
6.7. Electronic data collection by groundfish observers-pilot project	2014	Ongoing

<b>7. Other</b>	<b>FY</b>	<b>Status</b>
7.1. Volunteer Angler Survey Workshop - Inventory Existing Programs and Assess Utility of VAS.	2011	Complete
7.2. Development of Relational Databases for Onboard Observer Data and Creation of Abundance Indices for Use in Stock Assessments	2012	Ongoing
7.3. Proportional Standard Error and Management Uncertainty in Recreational Data Collection on the Atlantic Coast	2012	Complete*
7.3.1. Proportional Standard Error and Management Uncertainty in Recreational Data Collection on the Atlantic Coast – Year 2	2013	Ongoing
7.4. Assessment of External Data Indicators as Predictors of Fishing Effort	2013	Ongoing
7.5. Pacific coast fish identification application	2014	Ongoing

\* The project is complete, but a final report has not been posted online.