

Developing GulfFIN Recreational Data Standards and Data Warehouse

Purpose – Develop minimum standards that all partners would be striving for in recreational data collection. The focus is on the minimum data elements and formats required for both federal and state science and management. The primary focus is private recreational and state for-hire catch and effort data standards. Standards should apply to shore, private, and state for-hire fishing modes.

Terms of Reference (draft)

1. Review the adequacy of the NOAA Fisheries OST National Recreational Data and Survey Standards as a starting point for developing regionally specific GulfFIN Recreational Data Standards.
 - a. Assess whether the seven OST National level Data and Survey Standards are sufficient to fully support both federal and state science and management in the region.
 - b. Identify which OST Data Standards need to be supplemented to address GulfFIN recreational fisheries data and survey needs. Consider both current and anticipated catch (harvest and discard) and effort survey data needs. Provide a clear rationale for recommendation.
2. Define the criteria needed to create a GulfFIN standardized database that could house all of the Gulf state survey data.
 - a. Evaluate current data collections in each state and weigh the information collected against science and management needs for that information. From that evaluation, develop data standards that each partner must meet to ensure interoperability and standardization of data coming from each partner. Database structure, quality control, and data dissemination methods will rely on these standards.
 - b. Discuss the development of standardized variables and formats as well as a process to transform and load state survey data into this unique database format. Develop recommendations based on these discussions.
 - c. Discuss whether this standardized database would be used to house estimate datasets or raw field data. Consider efficiencies that could be created for generating summary reports and tools like dashboards for sharing state survey estimates of effort, landings, and discards. Develop recommendations based on these discussions.
 - d. Discuss a process for developing supporting documentation for finalized estimates dataset. Identify minimum data elements, data dictionaries, data delivery schedules, and survey design documentation: metadata, data user handbook, custom domain query template programs (R and SAS). Develop recommendations based on these discussions.
3. Prepare a Workshop Summary Report describing key workshop discussions and recommendations and addressing each Term of Reference.

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Meeting Agenda

February 4-5, 2025, The Lodge at Gulf State Park, Gulf Shores, AL

Day 1

- 8:00 a.m. – 8:15 a.m. Welcome and Introductions
- 8:15 a.m. – 8:20 a.m. Ground Rules for Meeting Participants (Brian Karp)
- 8:20 a.m. – 8:30 a.m. IRA Red Snapper Funding Opportunity (Stephen Poland)
- 8:30 a.m. – 8:45 a.m. Vision for Centralized Data Warehouse (Gregg Bray)
- 8:45 a.m. – 9:30 a.m. Pacific RecFIN Warehouse Approach and Lessons Learned (Nancy Leonard)
- 9:30 a.m. – 10:15 a.m. ACCSP Warehouse Approach and Lessons Learned (Geoff White)
- 10:15 a.m. – 10:30 a.m. BREAK
- 10:30 a.m. – 11:45 a.m. Recreational Data Needs – SERO, SEFSC, OST, GMFMC
- 11:45 a.m. – 1:15 p.m. LUNCH

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- 1:15 p.m. – 1:45 p.m. Presentation of NOAA Fisheries Recreational Data Standards (Richard Cody)
- 1:45 p.m. – 2:30 p.m. Develop minimum Standards for Aggregated Annual Catch and Effort Estimates, including discards
- 2:30 p.m. – 3:15 p.m. Minimum Standards for Disaggregated Estimates (monthly, wave, geographic coverage)
- 3:15 p.m. – 3:30 p.m. BREAK
- 3:30 p.m. – 4:15 p.m. Minimum Standards for Raw Intercept Level Data
- 4:15 p.m. – 5:00 p.m. Minimum Required Variables for Calculating Directed Trips

Day 2

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- 8:00 a.m. – 8:30 a.m. Minimum Standards for Providing Sample Weights
- 8:30 a.m. – 9:00 a.m. Minimum Standards for Timeliness of Data Availability (raw, uncalibrated estimate, calibrated estimate)

Data Management System Improvement Priorities

- 9:00 a.m. – 9:30 a.m. Presentation on At-Sea Observer Warehouse (Gregg Bray)
- 9:30 a.m. – 10:00 a.m. Improvements Needed for State/Commission Data Management Systems
- 10:00 a.m. – 10:15 a.m. BREAK
- 10:15a.m. –11:00 a.m. Quality Control Processes Discussion
- 11:00 a.m. – 11:45 a.m. Best Method for Sharing Program Design Documentation
- 11:45 a.m. – 1:15 p.m. Lunch
- 1:15 p.m. – 2:15 p.m. Summary Reporting Dashboard Wishlist
- 2:15 p.m. – 3:15 p.m. Data Dissemination Rules and Processes
- 3:15 p.m. – 3:30 p.m. BREAK
- 3:30 p.m. – 4:00 p.m. Public Comment
- 4:00 p.m. – 4:30 p.m. Summary of Workshop Findings and Next Steps