

## Status of analytical projects related to the Observer Program

Updated May 23, 2017

| Priority   | Name   | Description   | Status / Due Date / Target Date  |
|--|--|---|--|
| <b>Program-level Projects</b>  |  |   |  |
| 1  | Annual Report/<br>Annual Deployment<br>Plan            | Every year, an Annual Report of the preceding fishing year and an Annual Deployment Plan (ADP) for the upcoming fishing year are prepared.  | Preparation of the Annual Report is a major analytical project between January and May 2017. The 2016 Annual Report will be presented to the OAC in May 2017 and at the June 2017 Council meeting.                                 |
| 2  | Electronic<br>monitoring research                      | Fieldwork, research, and planning for developing electronic monitoring technologies. Pre-implementation program for longline and pot vessels >40 ft for 2017. 2017 plan also includes research and development of new technologies.       | 2017 pre-implementation plan is underway. 2016 Observer report will include review of 2016 EM pre-implementation year. EM Workgroup met March 28-29, 2017.   |
| 3  | Analysis of catch<br>and bycatch<br>estimation methods | Ongoing analysis of catch and bycatch estimation methods, including evaluating design-based and ratio estimators; incorporating variance from at-sea sampling through to the trip-level; and then assessing post-strata definitions.      | Update on development of estimation methods for variance and initial results was presented in June 2016 and NMFS is continuing work to incorporate programming into CAS and evaluate alternative estimators and post-strata.       |
| 4  | Report on onboard<br>observer sampling                 | Report on observer sampling results, e.g., proportion of total hauls that are sampled, by vessel size and gear. This item was requested by the Council in June 2016 during review of the Annual Report.                                   | This report will be addressed by the Observer Program as an AFSC tech memo; presentation scheduled for the OAC meeting in May 2017.  |
| 5  | Halibut DMRs   | Evaluation of appropriate methods to determine halibut discard mortality rates (DMRs) given current observer monitoring and data.   | Ongoing analysis by interagency working group. DMRs for 2018-2019 will be presented to the Plan Teams and the Council in the fall.   |
| <b>Projects in NMFS Development or Review (Council has taken action or major work at current stage is NMFS's responsibility)</b> |  |   |  |
| 6  | Electronic<br>monitoring<br>integration                | Council final action in Dec 2016 on analysis to integrate EM into the Observer Program. Preferred alternative includes an option to use EM to address monitoring requirements for fishing IFQ in multiple regulatory areas during a trip. | The EM proposed rule published March 23, with the intent for EM implementation by 2018. NMFS is addressing public comments and preparing the final rule.   |
| 7  | Halibut PSC – deck<br>sorting                          | Exempted fishing permit (EFP) projects are being used to develop the components of a regulated program to allow deck sorting of halibut on trawl catcher/processors in the Bering Sea to reduce halibut mortality rates.                  | Fishing under the EFP is underway, and will continue through the end of 2017. NMFS anticipates a new EFP for 2018; Council review is scheduled for October. NMFS is beginning an analysis to implement deck sorting in regulation. |

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| <b>Projects in Council Review</b> (Council or NMFS have tasked staff and scheduled review at a future Council or OAC meeting) |   |  |  |
| 8   | Lead Level 2 (LL2) observers                          | In October 2016, the Council initiated a regulatory analysis of alternatives to reduce the potential for shortages of fixed gear LL2 observers.  | The Council reviewed the initial review draft analysis in April 2017. Final action is scheduled for June 2017.   |
| 9   | Observer disembark location                           | Analyze the proposal that a partial coverage category observer may be disembarked from a vessel in any community with a processor with a FPP or from a community from which the observer boarded the vessel if that community has regularly scheduled air service.   | Staff is recommending a change to the alternatives to better meet the Council intent. The OAC will review the initial scoping information in May 2017 to provide feedback.                                     |
| 10  | Observer provider insurance requirements              | In May 2015, NMFS determined that some observer provider insurance requirements in § 679.52(b)(11)(vi) are inapplicable and should be removed or revised.  | NMFS National Observer Program (NOP) staff hosted a workshop on observer provider insurance requirements in Nov 2016. The NOP will provide an update to the OAC in May 2017.                                   |
| 11  | <40' vessels in EM Pool                               | In December 2016, at the recommendation of the EM Workgroup, the Council requested a discussion paper about incorporating vessels <40' LOA in the EM selection pool.   | No staff have been assigned to work on this project yet.   |
| 12  | Low sampling rates                                    | In October 2017, the Council requested that NMFS begin to consider approaches to address low coverage rates, including 1) finding efficiencies within the existing sampling design, and 2) evaluating the observer fee structure. The Council also made a motion in April 2017 asking the OAC to provide recommendations.              | No staff have been assigned to work on this project yet. The OAC will discuss in May 2017.   |
| 13  | ATLAS – Observer data entry and transmission          | Discussion paper about observer data entry (ATLAS) and transmission requirements identified several changes to regulations that could resolve overlapping requirements fill gaps to align requirements with existing practices.  | Discussion paper presented to the OAC in May 2016. No critical issues were identified, so this project is on hold until higher priority projects are completed or additional information changes its priority. |
| <b>Proposed projects</b>  |   |  |  |
|   | Evaluation of alternative sampling methods for salmon | Industry is seeking funding to conduct a collaborative study with NMFS to evaluate alternative sampling methods for salmon bycatch in the GOA rockfish fishery.  | Proposal for SK funding was submitted in Dec 2016, no response yet.  |
|   | Observer coverage on vessels delivering to tenders    | Consider alternatives to improve the ability to randomly deploy observers on catcher vessels delivering to tenders. This may involve rescinding the provision for catcher vessels to make multiple deliveries to a tender on a single trip for purposes of observer coverage or allowing observers to be deployed from tender vessels. | The Council supported NMFS' recommendation to deploy observers by tender strata in 2017. This project is on hold until after review of new deployment strata.  |
|   | <i>De minimus</i> IFQ                                 | Exempt/release from observer coverage vessels or trips with small amounts of IFQ.  | Council considered these actions in February 2014 but did not task staff with further analysis of the issues.  |
|   | IFQ fee assessment                                    | Use standardized current annual prices for fee assessment for IFQ rather than standardized prices lagged one year.   |  |