

PROCESS FOR REVIEW OF REFERENCE POINTS FOR MONITORED STOCKS

At its April 2017 meeting, the Pacific Fishery Management Council (Council) considered a joint Scientific and Statistical Committee (SSC)/Coastal Pelagic Species Management Team (CPSMT) report (Agenda Item G.2.a, SSC/CPSMT Report, April 2017) on potential processes for identifying a revised overfishing limit (OFL) for the central subpopulation of northern anchovy. The SSC and CPSMT both submitted supplemental statements at the April 2017 meeting as well (Agenda Item G.2.a, Supplemental SSC Report, and Agenda Item G.2.a, Supplemental CPSMT Report, April 2017). The Council tasked the SSC with further review of methods for developing an OFL for the central subpopulation of northern anchovy and to evaluate the results of the January 2018 acoustic-trawl survey methodology review as it could apply to anchovy biomass and F_{msy} estimates.

Several documents are included in advance Briefing Book materials related to this agenda item:

1. Agenda Item C.4, Attachment 1, (A Bioeconomic Analysis of the Northern Anchovy) is the Conrad (1991) bioeconomic analysis, which provides a maximum sustainable yield estimate that, in combination with an estimate of the proportion in U.S. waters, yields the OFL.
2. Agenda Item C.4, Attachment 2, (Analysis for MSY Estimate) is an excerpt from Appendix B to the CPS Fishery Management Plan, and describes the analysis for distribution/proportion of the biomass for CPS stocks between Mexico and the United States.
3. Agenda Item C.4, Attachment 3, (SSC Report, November 2010) is a supplemental SSC Report on the CPSMT's recommendations for monitored stock reference points, from November 2010.
4. Agenda Item C.4, Attachment 4, (Potential Process for using Estimates of Biomass Directly in Management) describes a process for using relative biomass estimates directly for management.

Also relevant to any discussion of methods for developing OFLs for the central subpopulation of northern anchovy (CSNA) or other Monitored stocks, is the National Marine Fisheries Service (NMFS) Minimum Stock Size Threshold Report from 2016 (Agenda Item E.1.a, Supplemental NMFS Report, September 2016). In addition, some of the materials included under the acoustic trawl survey methodology review (Agenda Item C.3, April 2018) and the CPSMT report on monitored stocks from 2010 (Agenda Item I.2.c, CPSMT Report 1, November 2010) are relevant to this agenda item.

At this meeting, the Council will consider information and any recommendations from the SSC and other advisory bodies regarding potential ways to develop a new OFL for the CSNA, and may discuss possible processes for reviewing the status for monitored CPS stocks.

Council Task:

Consider SSC and other advisory body recommendations on next steps for central subpopulation of northern anchovy OFL.

Reference Materials:

1. Agenda Item C.4, Attachment 1: A Bioeconomic Analysis of the Northern Anchovy.
2. Agenda Item C.4, Attachment 2: Analysis for MSY Estimate.
3. Agenda Item C.4, Attachment 3: SSC Report November 2010.
4. Agenda Item C.4, Attachment 4: Potential Process for using Estimates of Biomass Directly in Management.
5. Agenda Item C.4.b, Public Comment 1.

Agenda Order:

- C.4 Process for Review of Reference Points for Monitored Stocks Kerry Griffin
- a. Reports and Comments of Management Entities and Advisory Bodies
 - b. Public Comment
 - c. **Council Action:** Council Guidance and Direction

PFMC
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