

MSAB Meeting II

October 16-17, 2013

Seattle WA

MSAB Meeting II 2013 - Agenda

Wednesday October 16, 2013

- 8:00 AM: Welcome, introductions and format for meeting
- 8:15 AM: Meeting objectives and questions
- 8:30 AM: Review and refinement of candidate fishery objectives and performance metrics for investigation, based on feedback since first meeting
- 9:45 AM: Break
- 10:00 AM: Description of current IPHC harvest policy
- 10:30 AM: Description of background operating model and management strategy evaluation framework
- 12:00 PM: Lunch
- 1:00 PM: Demonstration of the evaluation framework for an example management procedure
- 3:30 PM: Break
- 3:45 PM: Prioritizing the investigation of objectives and procedures
- 5:00 PM: Adjourn

MSAB Meeting October 2013

Agenda

Thursday October 17, 2013

- 8:00 AM: Coffee and pastries
- 8:30 AM: Recap of first day
- 9:00 AM: Refinement of evaluation framework for management procedures and further investigation of candidates
- 10:00 AM: Break
- 10:30 AM: Timelines and products for next steps
- 12:00 PM: Lunch
- 1:00 PM: Communicating results to the public and the Commission, and feedback mechanisms
- 2:30 PM: Discussion, feedback, & closing remarks
- 3:15 PM: Adjourn

MSAB Meeting II - Objectives

- Review and revise as needed the draft working objectives and performance metrics developed at our first meeting, based on your discussions with colleagues
- Present details of the operating model being developed by Steve Martell and demonstrate how it will be used to evaluate management strategies
- Prioritize the investigation of objectives according to management and harvester needs
- Establish timelines for delivery of products
- Develop the best means to communicate the output of the process and receive feedback from stakeholders on results and future steps

Draft MSE Working Objectives

Biological objectives

1. Maintain a minimum of number of mature female halibut coastwide (level to be determined) in each year with a probability of 0.99.
2. Maintain a minimum spawning stock biomass of 20% of the unfished biomass in each year with a probability of 0.95 (spawning biomass limit).
3. Maintain the spawning stock biomass above 30% of the unfished biomass in each year with a probability of 0.75 (spawning biomass threshold).

Draft MSE Working Objectives

Fishery objectives

4. Maintain directed fishing opportunity each year, conditional on satisfying objectives 1 and 2, with a probability of 0.95 (i.e., cannot afford to close the directed fishery for a single year).
5. Maximize yield in each regulatory area each year without exceeding the target harvest rate in any given area 50% of the time.
6. Limit annual changes in TAC, coastwide and/or by Regulatory Area, to less than 15% per year, conditional on satisfying objectives 1 and 2.
7. Maintain median catch within $\pm 10\%$ of 1993-2012 average within five years of implementing the procedure.
8. Maintain average catch at $>70\%$ of historical 1993-2012 average, 90% of the time.

Draft MSE Working Objectives

Other objectives

9. Reduce bycatch mortality to within 5% of total catch limits/minimize bycatch mortality to the extent possible.

Draft MSE Performance Metrics

Biological

1. Absolute number of sexually mature female halibut coast-wide in each simulation year. Related to objective 1.
2. Ratio of current spawning stock biomass relative to unfished spawning biomass (where unfished spawning biomass is based on a suite of alternative size-at-age and recruitment scenarios). Related to objectives 2 and 3.

Fishery/Biomass

3. Total catch and directed catch from each regulatory area in each year. Related to objectives 4, 5, 6, 7, and 8.
4. Legal biomass in each regulatory area each year. Related to objectives 2, 3, and 5.

Other

5. Bycatch from each regulatory area in each year. Related to objective 9.