

PROPOSED AGENDA

Groundfish Subcommittee of the Scientific and Statistical Committee (SSC) Visual-Hydroacoustic Survey Methodology Review and Hook-and-Line Survey Workshop

Pacific Fishery Management Council
7700 NE Ambassador Place, Suite 101
Portland, Oregon 97220-1384

September 27-30, 2022

This is a public meeting held online with scheduled opportunities for public comments. Additional public comments may be taken at the discretion of the meeting Chair. This is a technical review panel meeting to review the scientific merits and technical applications of the proposed methodology and will follow the Pacific Fishery Management Council's (Council) terms of reference for methodology reviews. The Methodology Review Panel will review the reports and produce a report to the full SSC, in advance of the November 2022 Council meeting in Garden Grove, California. Data collected using this methodology may be used in future groundfish stock assessments.

Tuesday, September 27, 2022 – 8:30 AM

A. Call to Order

1. Roll Call, Introductions, Announcements, etc. Owen Hamel and John Budrick
2. Review Terms of Reference John DeVore
3. Approve Agenda
4. Rapporteur Assignments

B. Data Collection

Leif Rasmuson and ODFW Staff

1. Oregon Department of Fish and Wildlife (ODFW) Acoustic Survey
(9:00 a.m.)
2. Visual Survey/Underwater Camera System
(9:45 a.m.)

BREAK (10:30 – 10:45 a.m.)

3. ODFW Hook-and-Line Sampling
(10:45 a.m.)
4. Oceanographic Data (Conductivity, Temperature, and Depth)
(11:30 a.m.)

LUNCH (12:15 – 1:15 p.m.)

5. Discussion and Requests
(1:15 p.m.)

C. Data Processing Leif Rasmuson and ODFW Staff

1. ODFW Acoustic Survey (Echo Integration, Target Strength, Modeling Acoustic/Visual Conversion, and Masking)
(2:00 p.m.)
2. Visual Survey/Underwater Camera System (Max N, Length Estimation)
(2:30 p.m.)

BREAK (3:00 – 3:15 p.m.)

3. ODFW Hook-and-Line Data (Comparison to Camera-based Length Estimates, Use of Length-Weight Key)
(3:15 p.m.)
4. Oceanographic Data (Conductivity, Temperature, and Depth; Modeling for Speed of Sound, and Species Distribution Model Inclusion)
(3:45 p.m.)
5. Discussion and Requests
(4:15 p.m.)

PUBLIC COMMENT PERIOD
4:15 p.m. (or immediately following Agenda Item C)
Public comments are accepted at this time.

Adjourn for the Day

Wednesday, September 28, 2022 – 8:30 AM

- C. Data Processing (*continued*)
6. Responses to Requests Leif Rasmuson and ODFW Staff

(8:30 a.m.)

D. Producing Population Estimates

Leif Rasmuson and ODFW Staff

1. Population Estimates Using Acoustic Survey Data (Parsing Single Echo and Schools)

(9:30 a.m.)

2. Visual Survey Catchability (Detectability, Acoustic Dead Zone, Determining Behavior, Limitations of Surveying Nearshore Areas)

(10:00 a.m.)

BREAK (10:30 – 10:45 a.m.)

3. ODFW Hook-and-Line Sampling

(10:45 a.m.)

4. Accounting for Hypoxia Using Oceanographic Data (Conductivity, Temperature, and Depth)

(11:15 a.m.)

5. Discussion and Requests

(11:45 a.m.)

LUNCH (12:15 – 1:15 p.m.)

E. WDFW Hook-and-Line Survey

1. Survey Design and Operations

Theresa Tsou and Rob Davis

(1:15 p.m.)

2. Nearshore Rod and Reel Survey

(1:45 p.m.)

3. Historical and New Survey Designs

(2:15 p.m.)

BREAK (2:45 – 3:00 p.m.)

4. Comparing Stratified Random and Fixed-station Survey Designs for Black Rockfish

Jason Cope and Lisa Hillier

(3:00 p.m.)

5. IPHC Yelloweye Rockfish Setline Survey

Jason Cope and Theresa Tsou

(3:30 p.m.)

6. Discussion and Requests

(4:00 p.m.)

PUBLIC COMMENT PERIOD
4:45 p.m. (or immediately following Agenda Item D)
Public comments are accepted at this time.

Adjourn for the Day

Thursday, September 29, 2022 – 8:30 AM

D. Producing Population Estimates (*continued*)

6. Responses to Requests (8:30 a.m.) Leif Rasmuson and ODFW Staff

7. Additional Requests (9:15 a.m.)

E. WDFW Hook-and-Line Survey (*continued*)

7. Responses to Requests (9:30 a.m.) Leif Rasmuson and ODFW Staff

8. Additional Requests (10:15 a.m.)

BREAK (10:30 – 10:45 a.m.)

9. Identify Accepted Practices and Future Research Needs (10:45 a.m.)

10. Follow-up from the June 2022 Hook-and-Line Survey Review (11:45 a.m.)

LUNCH (12:30 – 1:30 p.m.)

F. Application of the ODFW Acoustic/Visual Survey in Assessments

1. Application of Biomass Estimates Informing Population Scale Versus Constructing an Abundance Index (1:30 p.m.) Leif Rasmuson and ODFW Staff

2. Application of Length Composition Data to Inform Population Structure (2:00 p.m.)

3. Application of Age Composition and Maturity Data from Hook-and-Line Sampling (2:30 p.m.)

- 4. Independent estimates of OFL (Biomass*F_{MSY})
(3:00 p.m.)

BREAK (3:30 – 3:45 p.m.)

- 5. Discussion and Requests
(3:45 p.m.)

PUBLIC COMMENT PERIOD
4:45 p.m. (or immediately following Agenda Item F)
Public comments are accepted at this time.

Adjourn for the Day

Friday, September 30, 2022 – 8:30 AM

E. WDFW Hook and Line Survey (*continued*)

- 11. Responses to Requests
(8:30 a.m.) Theresa Tsou and WDFW Staff

F. Producing Population Estimates

- 6. Responses to Requests
(9:30 a.m.) Leif Rasmuson and ODFW Staff

BREAK (10:15 – 10:30 a.m.)

G. Workshop Conclusions and Recommendations

- 1. Key Findings and Next Steps
(10:30 a.m.)
- 2. Research and Data Needs
(11:00 a.m.)
- 3. Report Planning
(11:30 a.m.)

PUBLIC COMMENT PERIOD
12:15 p.m. (or immediately following Agenda Item G)
Public comments are accepted at this time.

Adjourn