

PROPOSED AGENDA

# COASTAL PELAGIC SPECIES ADVISORY SUBPANEL

Pacific Fishery Management Council  
Online Meeting  
November 5-6, 2022

Instructions on how to connect to advisory body meetings will be posted on the Council's [November 2022 meeting webpage](#) prior to the first day of the meeting. Coastal Pelagic Species Advisory Subpanel (CPSAS) meetings are open to the public and there will be one daily opportunity for public comment. Specific times on this agenda are subject to change once the meeting begins. Agenda items listed under the Advisory Body Administrative Matters are in numerical order; other agenda items reflect their Council Meeting Agenda numbering. Breaks will be taken as necessary, at the discretion of the Co-Chairs.

**Saturday, November 5, 2022 – 8:00 a.m.**

CPSAS Administrative Matters

1. Roll Call, Introductions, Announcements Jessi Doerpinghaus
2. Agenda Overview

E. Coastal Pelagic Species

1. National Marine Fisheries Service Report  
(8:15 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)
2. Preliminary Review of Exempted Fishing Permits for 2023  
(8:45 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)
4. Stock Assessment Terms of Reference - Final Action Greg Krutzikowsky  
(9:15 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)

BREAK (10 a.m.)

3. Fishery Management Plan Housekeeping Amendment Kirk Lynn  
(10:15 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)
5. Stock Assessment Prioritization Kirk Lynn  
(11:15 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)

LUNCH

CPSAS Administrative Matters (continued)

3. Work Session – Develop and Review Supplemental Reports as Needed All  
(1:00 p.m.)

PUBLIC COMMENT PERIOD  
2 p.m., or immediately following the previous agenda item

CPSAS Administrative Matters (continued)

4. Work Session – Develop and Review Supplemental Reports as Needed All  
(2:15 p.m.)

**Sunday, November 6, 2022 – 8:00 a.m.**

C. Administrative Matters

10. Future Council Meeting and Workload Planning All  
(8 a.m.; Report to Council Tuesday, November 8)

CPSAS Administrative Matters (continued)

5. Work session – Develop and Review Supplemental Reports as Needed All  
(9 a.m.)

6. Elections (Closed Session)  
(9:30 a.m.)

PUBLIC COMMENT PERIOD  
9:45 a.m., or immediately following the previous agenda item.

LUNCH

Note: Members of the CPSAS will be attending the Council’s CPS agenda items on Sunday, November 6 and may reconvene as needed. Public comment will be taken as time allows, at the discretion of the CPSAS Co-Chairs.

Adjourn

PFMC  
10/04/22

PROPOSED AGENDA

# COASTAL PELAGIC SPECIES MANAGEMENT TEAM

Pacific Fishery Management Council  
Online Meeting  
November 5-6, 2022

Instructions on how to connect to advisory body meetings will be posted on the Council's [November 2022 meeting webpage](#) prior to the first day of the meeting. Coastal Pelagic Species Management Team (CPSMT) meetings are open to the public and the agenda includes opportunities for public comment. Specific times on this agenda are subject to change once the meeting begins. The CPSMT will meet each day from 8 a.m. until 5 p.m. or until business for the day has been completed. Agenda items listed under the Advisory Body Administrative Matters are in numerical order; other agenda items reflect their Council Meeting Agenda numbering.

## **Saturday November 5, 2022 – 8:00 a.m.**

### CPSMT Administrative Matters

1. Roll Call, Introductions, Announcements Jessi Doerpinghaus
2. Agenda Overview Kirk Lynn

### I. Coastal Pelagic Species

1. National Marine Fisheries Service Report  
(8:15 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)
2. Preliminary Review of Exempted Fishing Permits for 2023 Trung Nguyen  
(8:45 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)
4. Stock Assessment Terms of Reference – Final Action Greg Krutzikowsky  
(9:15 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)

BREAK (10 a.m.)

3. Fishery Management Plan Housekeeping Amendment Kirk Lynn  
(10:15 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)

5. Stock Assessment Prioritization Kirk Lynn  
(11:15 a.m.; CPSMT to join CPSAS; Report to Council Sunday, November 6)

LUNCH

PUBLIC COMMENT PERIOD  
1 p.m., or immediately following the previous agenda item.

- CPSMT Administrative Matters (continued)
3. Work Session – Develop and Review Supplemental Reports as Needed All  
(1:15 p.m. – 5 p.m.)

**Sunday, November 6, 2022 – 8:00 a.m.**

- C. Administrative Matters
10. Future Council Meeting and Workload Planning All  
(8 a.m.; Report to Council Tuesday, November 8)

- CPSMT Administrative Matters (continued)
4. Chair/Vice Chair Elections (Closed session)  
(9 a.m.)

PUBLIC COMMENT PERIOD  
9:30 a.m., or immediately following the previous agenda item.

5. Work Session – Develop and Review Supplemental Reports as Needed All  
(9:45 a.m.)

LUNCH

CPSMT Administrative Matters (continued)

Note: Members of the CPSMT will be attending the Council’s CPS agenda items on Sunday, November 6 and may reconvene as needed. Public comment will be taken as time allows, at the discretion of the CPSMT Chair.

Adjourn

PFMC  
10/04/22

PROPOSED AGENDA

# Enforcement Consultants

Pacific Fishery Management Council  
Hyatt Regency Orange County  
11999 Harbor Boulevard.  
Garden Grove, CA 92840  
714-750-1234

In Person Meeting -- Seville Room  
November 2-4, 2022

Online Meeting  
November 5-7, 2022

The Enforcement Consultants (EC) will be meeting in person for the first three days of its meeting and virtually thereafter. Instructions for how to connect to Advisory Body webinars that are not meeting in person (including the EC) will be posted on the Council's [November 2022 Meeting webpage](#) prior to the first day of the meeting.

The main work session for the Enforcement Consultants (EC) will occur 2 p.m., Wednesday, November 2. Additionally, from November 3-7 the EC may convene on an ad hoc basis at other times, as the need arises during the Council meeting. Dates and times on this agenda are subject to change once the meeting begins.

EC meetings are open to the public, and public comments will be taken as noted in the agenda. Agenda items listed under the Enforcement Consultant Administrative and Other Matters are in numerical order; other agenda items reflect their Council Meeting Agenda numbering.

## Wednesday, November 2, 2022 – 2 p.m. (Main Work Session)

### Enforcement Consultant Administrative and Other Matters

1. Roll Call, Introductions, Chair Remarks and Announcements, etc. Dan Chadwick
2. Meeting Information and Agenda Overview Jim Seger
3. Approve Agenda Enforcement Consultants

### Council Agenda Items for Possible Comment

There may or may not be enforcement issues associated with the following items. Items on the Council Agenda, but not listed here, may also be considered during the Enforcement Consultants meeting.

## C. Administrative Matters

- C.2 National Marine Fisheries Service National Policy for Saltwater Recreational Fisheries  
Council Action: Review National Marine Fisheries Service National Saltwater Recreational Fisheries Policy and Provide Comments

## E. Pacific Halibut Management

- E.1 2023 Catch Sharing Plan and Annual Regulations – Final Action  
Council Action: Adopt Final 2023 Catch Sharing Plan and Annual Regulation Changes
- E.2 2023 Commercial-Directed Fishery Regulations – Final Action  
Council Action: Adopt Final 2023 Non-Tribal Commercial-Directed Halibut Fishery Regulations for NMFS Implementation

## G. Highly Migratory Species Management

- G.3 Drift Gillnet Fishery Hard Caps – Final Action  
Council Action: Adopt a Final Preferred Alternative, as Appropriate

## H. Groundfish Management

- H.3 Sablefish Gear Switching  
Council Action: Adopt Preliminary Preferred Alternative and Provide Other Guidance, As Needed

## C. Administrative Matters (continued)

- C.4 Chumash Heritage National Marine Sanctuary Designation  
Council Action: Consider the Sanctuary Designation and Provide Recommendations on the Need for Fishery Regulations

## H. Groundfish Management (continued)

- H.6 Inseason Adjustments Including Pacific Whiting Set-Asides – Final Action  
Council Action: Adopt Final Inseason Adjustments for 2022 and 2023, including 2023 Pacific Whiting Yield Set-Asides

## I. Coastal Pelagic Species Management

- I.2 Preliminary Review of Exempted Fishing Permits for 2023  
Council Action: Adopt Preliminary EFPs for Public Review

## C. Administrative Matters (continued)

- C.6 Marine Planning  
Council Action: Consider Marine Planning Committee Report and Provide Guidance

H. Groundfish Management (continued)

H.7 Electronic Monitoring

Council Action: Adopt a Range of Alternatives, Process, and Schedule

C. Administrative Matters (continued)

C.10 Future Council Meeting Agenda and Workload Planning

Council Discussion and Guidance on Future Meeting Agenda and Workload Planning

PUBLIC COMMENT

There will be one public comment period each session, which will occur after the EC completes its initial discussions and prior to finalization of its decisions for the session.

Enforcement Consultant Administrative and Other Matters (*continued*)

4. Other

**Thursday, November 3, 2022 through Monday, November 7, 2022**

Meet as necessary.

ADJOURN

PFMC

10/05/22





PROPOSED AGENDA

# Groundfish Advisory Subpanel

Pacific Fishery Management Council  
Hyatt Regency Orange County  
Royal E Room  
11999 Harbor Blvd.  
Garden Grove, CA 92840  
November 2 - 7, 2022

The Groundfish Advisory Subpanel (GAP) meeting will be held in-person for the [November 2022 Council meeting](#). Times listed in the agenda are approximations. The following Agenda numbering reflects numbering on the Council's Agenda. Times not specified for discussion and/or presentations are for to the GAP's drafting and reviewing of statements, reports, etc. GAP meetings are open to the public. A dedicated public comment agenda item has been scheduled for each day the GAP meets. Additional public comment may be taken at the discretion of the Chair.

## Wednesday, Nov. 2, 2022 – 8:00 AM

### GAP Administrative Matters

1. Roll Call, Introductions, Announcements, etc. Susan Chambers, Chair
2. Opening Remarks and Agenda Overview Brett Wiedoff
3. Approve Agenda

### E. Pacific Halibut Management

1. 2023 Catch Sharing Plan and Annual Regulations – Final Action Brett Wiedoff  
(8:30 a.m.; Report to the Council Thursday, Nov. 3)
2. 2023 Commercial-Directed Fishery Regulations – Final Action Brett Wiedoff  
(9:00 a.m.; Report to the Council Thursday, Nov. 3)

### H. Groundfish Management

4. Methodology Review — Final Impact Model Topics  
& Assessment Methods John DeVore  
(9:30 a.m.; Joint Meeting with GMT in the GAP, Report to Council, Saturday, Nov. 5)

### C. Administrative

2. National Marine Fisheries Service National Policy for Saltwater Recreational Fisheries Russell Dunn  
(11:00 a.m.; Joint Meeting with GMT in the GAP, Report to the Council Thursday, Nov. 3)

### Public Comment Period

(11:30 a.m.)

**H. Groundfish Management (continued)**

- 2. Trawl Catch Share Program and Inter-Sector Allocation Review  
- Hearing Schedule  
(1:00 p.m.; Report to the Council Saturday, Nov. 5)

Jim Seger

**GAP Administrative Matters**

- 4. Draft and Review Statements  
(2:00 p.m.)

**Thursday, Nov. 3, 2022 – 8:00 AM**

**GAP Administrative Matters**

- 5. Draft and Review Statements  
(8:00 a.m.)

**H. Groundfish Management (continued)**

- 3. Sablefish Gear Switching – *Continue discussion from October 26<sup>th</sup> webinar*  
(8:30 a.m.; Report to Council Saturday, Nov. 5)

- 1. National Marine Fisheries Service Report  
(10:00 a.m.; Report to the Council Friday, Nov. 4)

Keeley Kent/Craig Russell

- 6. Inseason Adjustments, Including Pacific Whiting Set-Asides for 2023 –  
Final Action  
(11:30 a.m.; Joint Meeting with GMT in the GAP; Report to the Council Sunday, Nov. 6)

Todd Phillips

- 5. Stock Definitions  
(1:00 p.m.; Joint Meeting with GMT in the GAP; Report to Council, Saturday, Nov. 5)

Todd Phillips/John DeVore

**C. Administrative (continued)**

- 3. Legislative Matters  
(2:00 p.m.; Report to the Council Sunday, Nov. 6)

Kelly Ames

**Public Comment Period**

(2:30 p.m. or immediately following the previous agenda item)

**GAP Administrative Matters**

- 6. Draft and Review Statements  
(2:45 p.m.)

**GAP Administrative Matters**

- 7. Draft and Review Statements  
(8:00 a.m.)

**H. Groundfish Management (continued)**

- 6. Inseason Adjustments, Including Pacific Whiting Set-Asides for 2023 –  
Final Action - *continue discussion*  
(8:30 a.m.; Report to the Council Sunday, Nov. 6)
- 5. Stock Definitions - *continue discussion*  
(9:00 a.m.; Report to Council, Saturday, Nov. 5)
- 3. Sablefish Gear Switching – *continue discussion*  
(10:00 a.m.; Report to Council Saturday, Nov. 5)

**C. Administrative (continued)**

- 4. Chumash National Marine Sanctuary Designation  
(11:00 a.m.; Report to Council, Sunday, Nov. 6) Kerry Griffin
- 6. Marine Planning  
(11:30 a.m.; Report to Council, Monday, Nov. 7) Kerry Griffin

**H. Groundfish Management (continued)**

- 7. Electronic Monitoring  
(1:00 p.m.; Report to Council, Monday, Nov. 7) Brett Wiedoff

**C. Administrative (continued)**

- 5. National Marine Fisheries Service Accomplishments and Priorities  
(2:00 p.m.; Report to Council, Monday, Nov. 7)

**Public Comment Period**

(2:45 p.m. or immediately following the previous agenda item)

**GAP Administrative Matters**

- 8. Draft and Review Statements  
(3:00 p.m.)

**Saturday, Nov. 5, 2022 – 8:00 AM**

**GAP Administrative Matters**

- 9. Draft and Review Statements  
(8:00 a.m.)

**GAP Administrative Matters**

- 10. Draft and Review Statements  
(3:30 p.m.)

**Note:** Members of the GAP will be attending the Council’s Groundfish Agenda Items and will reconvene after the conclusion of H.5

**Sunday, Nov. 6, 2022 — 8:00 AM**

**GAP Administrative Matters**

- 11. Draft and Review Statements  
(8:00 a.m.)

**C. Administrative Matters (continued)**

- 10. Future Council Meeting Agenda and Workload Planning Susan Chambers  
(8:30 a.m.; Report to the Council Tuesday, Nov. 8)

**Public Comment Period**

(9:00 a.m. or immediately following the previous agenda item)

**GAP Administrative Matters**

- 12. Draft and Review Statements  
(3:30 p.m.)

**Note:** Members of the GAP will be attending the Council’s Groundfish Agenda Items in the morning and will reconvene immediately following H.6

**Monday, Nov. 7, 2022 — 8:00 AM**

**GAP Administrative Matters**

- 13. Draft and Review Statements  
(8:00 a.m.)

**ADJOURN**

PFMC  
10/11/22

PROPOSED AGENDA

# Groundfish Management Team

Pacific Fishery Management Council  
Hyatt Regency Orange County  
Terrace D Room  
11999 Harbor Blvd.  
Garden Grove, CA 92840  
November 2 - 7, 2022

The Groundfish Management Team (GMT) meeting will be held in-person for the [November 2022 Council meeting](#). Times listed in the agenda are approximations. The following Agenda numbering reflects numbering on the Council's Agenda. Times not specified for discussion and/or presentations are for to the GMT's drafting and reviewing of statements, reports, etc. GMT meetings are open to the public. A dedicated public comment agenda item is scheduled for each day the GMT meets. Additional public comment may be taken at the discretion of the Chair.

## Wednesday, Nov. 2, 2022 – 8:00 AM

### GMT Administrative Matters

- |  |                        |
|--|------------------------|
| 1. Roll Call, Introductions, Announcements, etc. | Melissa Mandrup, Chair |
| 2. Opening Remarks and Agenda Overview           | Todd Phillips          |
| 3. Approve Agenda                                |                        |

### H. Groundfish Management

- |   |               |
|---|---------------|
| 6. Inseason Adjustments Including Pacific Whiting Set-Asides –<br>Final Action<br>(8:30 a.m.; Report to the Council Sunday, Nov. 6) | Todd Phillips |
| 5. Stock Definitions<br>(9:30 a.m.; Report to Council, Saturday, Nov. 5)  | Todd Phillips |

### C. Administrative Matters

- |   |      |
|---|------|
| 2. National Marine Fisheries Service National Policy<br>for Saltwater Recreational Fisheries<br>(11:00 a.m.; Joint Meeting with GAP in the GAP, Report to the Council Thursday, Nov. 3) | NMFS |
|---|------|

### H. Groundfish Management

- |  |               |
|--|---------------|
| 7. Electronic Monitoring<br>(1:00 p.m.; Report to Council, Monday, Nov. 7) | Brett Wiedoff |
|--|---------------|

### Public Comment Period

(1:30 p.m.)

### GMT Administrative Matters

- |   |  |
|---|--|
| 4. Draft and Review Statements<br>(2:00 p.m.) |  |
|---|--|

**Thursday, Nov. 3, 2022 – 8:00 AM**

**GMT Administrative Matters**

- 5. Draft and Review Statements  
(8:00 a.m.)

**H. Groundfish Management**

- 3. Sablefish Gear Switching Jim Seger  
(10:30 a.m.; Report to Council Tuesday, Nov. 5)

and

- 2. Trawl Catch Share Program and Intersector Allocation Review Jim Seger  
Hearing Schedule  
(Report to Council Tuesday, Nov. 5)

- 6. Inseason Adjustments Including Pacific Whiting Set-Asides – Todd Phillips  
Final Action  
(11:30 a.m.; Joint Meeting with GAP in the GAP; Report to the Council Sunday, Nov. 6)

- 5. Stock Definitions *continued*  
(1:00 p.m.; Joint Meeting with GAP in the GAP; Report to Council, Saturday, Nov. 5)

**Public Comment Period**

(2:00 p.m. or immediately following the previous agenda item)

**GMT Administrative Matters**

- 6. Draft and Review Statements  
(2:30 p.m.)

**Friday, Nov. 4, 2022 – 8:00 AM**

**H. Groundfish Management**

- 6. Inseason Adjustments, Including Pacific Whiting Set-Asides for 2023 –  
Final Action *continued*  
(9:00 a.m.; Report to the Council Sunday, Nov. 6)

**C. Administrative Matters**

- 6. Marine Planning Kerry Griffin  
(10 a.m.; Report to the Council Monday, Nov. 7)

**Public Comment Period**

(1:00 p.m. or immediately following the previous agenda item)

**GMT Administrative Matters**

- 7. Draft and Review Statements  
(1:30 p.m.)

**Saturday, Nov. 5, 2022 – 8:00 AM**

**GMT Administrative Matters**

- 8. Draft and Review Statements  
(8:00 a.m.)

**Note:** The GMT will be attending the Council’s Groundfish Agenda Items and will reconvene after the conclusion of H.5.

**Sunday, Nov. 6, 2022 — 8:00 AM**

**C. Administrative Matters**

- 10. Future Council Meeting Agenda and Workload Planning Melissa Mandrup  
(8:00 a.m.; Report to the Council Tuesday, Nov. 8)

**Public Comment Period**

(9:00 a.m. or immediately following the previous agenda item)

**GMT Administrative Matters**

- 9. Draft and Review Statements  
(9:30 a.m.)

**Note:** Members of the GMT will be attending the Council’s Groundfish Agenda Items and will reconvene immediately following the conclusion of H.6.

**Monday, Nov. 7, 2022 – 8:00 AM**

**GMT Administrative Matters**

- 10. Draft and Review Statements  
(8:00 a.m.)

**ADJOURN**

PFMC  
10/05/22





PROPOSED AGENDA

# Habitat Committee

Pacific Fishery Management Council  
Online Meeting  
November 2 – 3, 2022

The Pacific Fishery Management Council’s (Council) Habitat Committee (HC) will be meeting online, November 2 – 3, 2022 in conjunction with the November Council meeting. Additional meeting information will be posted on the Council’s [November 2022 meeting webpage](#) and HC meetings are open to the public. To ensure the public may comment on the agenda items below, a dedicated public comment agenda item has been scheduled for each day. Times on this agenda are subject to change once the meeting begins. Agenda items listed under Habitat Issues are in numerical order; other agenda items reflect their Council meeting agenda numbering. Times not specified for discussion and/or presentations will be allocated to the advisory body’s drafting and reviewing of statements, reports, etc. The Council will consider Habitat Issues on Friday, November 4.

## Wednesday, November 2, 2022 – 8:00 a.m.

### Habitat Committee Administrative Matters

1. Introductions, Approve Agenda, Assign Note Takers (8 a.m., 30 minutes) Correigh Greene
2. Member Updates (8:30 a.m., 1 hour; Report to Council November 4) All  
Notes: Arlene Merems
3. Bureau of Ocean Energy Management Oil Rig Decommissioning (9:30 a.m., 1 hour) Rick Yarde  
Notes: Cori Flannery

BREAK (15 minutes)

### C. Administrative Matters

1. Council Coordination Committee Meeting Report (10:45 a.m., 45 minutes; Report to Council November 3) Kerry Griffin  
Notes: Waldo Wakefield

LUNCH (11:30 a.m. – 12:30 p.m.)

### Habitat Committee Administrative Matters (continued)

4. Pacific Marine and Estuarine Fish Habitat Partnership Presentation Kate Sherman/ Jamey Selleck

(12:30 p.m., 1 hour)

Notes: Correigh Greene

**PUBLIC COMMENT PERIOD – 1:30 p.m.**

- 5. Coastal Pelagic Species Essential Fish Habitat Update (2 p.m., 1 hour) Emmanis Dorval  
Notes: Eric Chavez
- 6. Work Session/Report Review (3 p.m., 2 hours) All

**Thursday, November 3, 2022 – 8:00 a.m.**

**C. Administrative Matters**

- 6. Marine Planning (8 a.m., 30 minutes; Report to Council November 7) Steve Scheiblaue/Kerry Griffin  
Notes: John Netto

**PUBLIC COMMENT PERIOD - 8:30 a.m.**

**Habitat Committee Administrative Matters (continued)**

- 7. Work Session/Report Review (9 a.m.; 2 hours) All
- 8. National Oceanic and Atmospheric Administration Deep-Sea Coral Research and Technology Program Future Work (11 a.m.; 1 hour) Heather Coleman  
Notes: Scott Heppell

LUNCH (12 p.m. – 1 p.m.)

- 7. Habitat Indicators Update (1:30 p.m.; 30 minutes) Correigh Greene  
Notes: Laura Brown

**C. Administrative Matters**

- 10. Future Council Meeting Agenda and Workload Planning (2 p.m., 1 hour; Report to Council November 8) Kerry Griffin  
Notes: Fran Recht

ADJOURN

PFMC  
10/07/22

PROPOSED AGENDA

# Highly Migratory Species Advisory Subpanel

Pacific Fishery Management Council  
Valencia Room  
Hyatt Regency Orange County  
11999 Harbor Blvd.  
Garden Grove, CA 92840  
Phone: 714-750-1234  
November 2-4, 2022

Highly Migratory Species Advisory Subpanel (HMSAS) meetings are open to the public and public comment periods have been scheduled. Additional public comments may be taken at the discretion of the Chair. Dates and times on this agenda are subject to change once the meeting begins. Agenda items listed under the Advisory Body Administrative Matters are in numerical order; other agenda items reflect their Council Meeting Agenda numbering. Note, times not specified for discussion and/or presentations will be allocated to the Advisory Body's drafting and reviewing of statements, reports, etc.

## Wednesday, November 2, 2022 – 8:00 a.m.

### HMSAS Administrative Matters

- |                                    |            |
|------------------------------------|------------|
| 1. Roll call and agenda overview   | Kit Dahl   |
| 2. Introductions and announcements | Dave Rudie |
| 3. Adoption of the agenda          | HMSAS      |

### C. Administrative Matters

- |   |              |
|---|--------------|
| C.2 NMFS National Policy for Saltwater Recreational Fisheries<br>(9:30 a.m.; report to the Council on Thursday, November 3) | Daniel Studt |
|---|--------------|
- [Joint meeting with HMSMT in HMSAS room.]

### G. Highly Migratory Species Management

- |  |               |
|--|---------------|
| G.2 International Management Activities<br>(10:30 a.m., report to the Council on Friday, November 4) | Celia Barroso |
|--|---------------|

Public Comment  
11:30 a.m. or following item G.2

- |  |                           |
|--|---------------------------|
| G.3 Drift Gillnet Fishery Hard Caps – Final Action<br>(1:30 p.m., report to the Council on Friday, November 4) | Steve Stohs, Amber Rhodes |
|--|---------------------------|

Public Comment  
4:30 p.m. or following item G.3

**Thursday, November 3, 2022 – 8:00 a.m.**

**G. Highly Migratory Species Management (continued)**

G.4 Biennial Harvest Specifications and Management Measures –  
Preliminary  
(8:30 a.m., report to the Council on Friday, November 4)

Amber Rhodes

**C. Administrative Matters (continued)**

C.6 Marine Planning  
(9:30 a.m., report to the Council on Monday, November 7)

Mike Conroy

[Joint meeting with HMSMT in the HMSAS room.]

C.10 Future Council Meeting Agenda and Workload Planning  
(11:00 a.m., report to the Council on Tuesday, November 8)

Dave Rudie

Public Comment  
11:30 a.m. or following item C.10

C.4 Chumash Heritage National Marine Sanctuary Designation  
(1:30 p.m., report to the Council on Sunday, November 6.)

Kerry Griffin

**HMSAS Administrative Matters (continued)**

4. Finalize reports

**Friday, November 4, 2022 – 8:00 a.m.**

*HMS items on the Council floor; finalize reports as appropriate.*

**ADJOURN**

PFMC  
10/05/22

PROPOSED AGENDA

# Highly Migratory Species Management Team

Pacific Fishery Management Council  
Granada Room  
Hyatt Regency Orange County  
11999 Harbor Blvd.  
Garden Grove, CA 92840  
Phone: 714-750-1234  
November 2-4, 2022

Highly Migratory Species Management Team (HMSMT) meetings are open to the public and public comment periods have been scheduled. Additional public comments may be taken at the discretion of the Chair. Dates and times on this agenda are subject to change once the meeting begins. Agenda items listed under the Advisory Body Administrative Matters are in numerical order; other agenda items reflect their Council Meeting Agenda numbering. Note, times not specified for discussion and/or presentations will be allocated to the Advisory Body's drafting and reviewing of statements, reports, etc.

## Wednesday, November 2, 2022 – 8:00 a.m.

### HMSMT Administrative Matters

1. Roll call and agenda overview Kit Dahl
2. Introductions and announcements Steve Stohs, Amber Rhodes
3. Adoption of the agenda HMSMT

### C. Administrative Matters

- C.2 NMFS National Policy for Saltwater Recreational Fisheries Daniel Studt  
(9:30 a.m.; report to the Council on Thursday, November 3)  
[Joint meeting with HMSAS in HMSAS room.]

### G. Highly Migratory Species Management

- G.3 Drift Gillnet Fishery Hard Caps – Final Action Steve Stohs, Amber Rhodes  
(10:30 a.m., report to the Council on Friday, November 4)

Public Comment  
11:30 a.m. or following item G.3

- G.2 International Management Activities Celia Barroso  
(1:30 p.m., report to the Council on Friday, November 4)

G.4 Biennial Harvest Specifications and Management Measures –  
Preliminary  
(2:30 p.m., report to the Council on Friday, November 4)

Amber Rhodes

Public Comment  
4:30 p.m. or following item G.4

**Thursday, November 3, 2022 – 8:00 a.m.**

**C. Administrative Matters (continued)**

C.6 Marine Planning  
(9:30 a.m., report to the Council on Monday, November 7)

Mike Conroy

[Joint meeting with HMSAS in HMSAS room.]

C.10 Future Council Meeting Agenda and Workload Planning  
10:30 a.m., report to the Council on Tuesday, November 8)

Amber Rhodes

Public Comment  
11:30 a.m. or following item C.10

**HMSMT Administrative Matters (continued)**

4. Finalize reports

**Friday, November 4, 2022 – 8:00 a.m.**

*HMS items on the Council floor; finalize reports as appropriate.*

**ADJOURN**

PFMC  
10/05/22

PROPOSED AGENDA

# Legislative Committee

Hyatt Regency Orange County  
11999 Harbor Boulevard  
Garden Grove, CA 92840  
Imperial South Tower

November 2, 2022

Legislative Committee meetings are open to the public and there is an opportunity for public comment. Dates and times on this agenda are subject to change once the meeting begins. Agenda items listed under the Advisory Body Administrative Matters are in numerical order; other agenda items reflect the Council Meeting Agenda numbering. Breaks will be taken as necessary, at the discretion of the Chair.

## Wednesday November 2, 2022 – 10:00 am.

- |  |                |
|--|----------------|
| 1. Call to Order, Introductions, and Approval of Agenda                        | Dave Hanson    |
| 2. Review of Legislation in the 117th Congress (Agenda Item C.3, Attachment 1) | Merrick Burden |
| 3. General Discussion of Current Legislation and Requests for Comment (if any) | All            |
| 4. Future Meeting Plans and Other Business                                     | All            |
| 5. Public Comment  |                |
| 6. Develop Report to Council   | All            |

ADJOURN

PFMC  
10/12/22

PROPOSED AGENDA

# Salmon Advisory Subpanel

Pacific Fishery Management Council  
Online Meeting  
November 2, 2022

Pertinent information will be posted to the Council's [November 2022 meeting webpage](#) prior to the first day of the meeting. Salmon Advisory Subpanel (SAS) meetings are open to the public and a public comment period has been scheduled. Times on this agenda are subject to change once the meeting begins. This proposed agenda may be modified during the meeting, and estimated start times for each agenda item are also subject to change. Agenda items listed under the SAS Administrative Matters are in numerical order; other agenda items reflect their Council Meeting Agenda numbering. Times not specified for discussion and/or presentations will be allocated to SAS's drafting and reviewing of statements, reports, etc.

## Wednesday November 2, 2022 — 1:00 p.m.

### SAS Administrative Matters

- |  |                            |
|--|----------------------------|
| 1. Roll Call, Introductions, Announcements, etc. | Richard Heap, Chair        |
| 2. Opening Remarks and Agenda Overview           | Robin Ehlke, Staff Officer |
| 3. Approve Agenda                                | SAS                        |

### D. Salmon Management

- |   |                            |
|---|----------------------------|
| 2. Methodology Review – Final Methodology Review and Update on Model Improvement<br>(1:15 p.m. Report to the Council Thursday November 3) | Mike O'Farrell (STT chair) |
| 1. National Marine Fisheries Service Report<br>(2:00 p.m. Report to the Council Thursday November 3)                                      | Susan Bishop               |
| 3. 2023 Preseason Management Schedule<br>(2:30 p.m. Report to the Council Thursday November 3)  | Mike O'Farrell             |

### E. Pacific Halibut Management

- |   |             |
|---|-------------|
| 1. 2023 Catch Sharing Plan and Annual Regulations – Final Action<br>(2:45 p.m., Report to the Council Thursday November 3)        | Robin Ehlke |
| 2. 2023 Commercial-Directed Fishery Regulations for 2023 – Final Action<br>(3:00 p.m., Report to the Council Thursday November 3) | Robin Ehlke |



F. Habitat Issues

1. Current Habitat Issues  
(3:15 p.m., Report to the Council Friday November 4)

Megan Waters (Vice Chair)

C. Administrative Matters

6. Marine Planning  
(3:30 p.m., Report to the Council Monday November 7)

Megan Waters

Public Comment

1. (3:45 p.m.)

Richard Heap

**SAS Administrative Matters**

4. Identify statements needed, assign lead author, set timeline for statements as needed (4:00 p.m.)

Richard Heap

**ADJOURN**

(5:00 p.m.)

PFMC

10/04/22

PROPOSED AGENDA

# Scientific and Statistical Committee

Pacific Fishery Management Council  
Hyatt Regency Orange County  
Terrace A-C  
11999 Harbor Boulevard.  
Garden Grove, CA 92840  
714-750-1234

November 2-3, 2022

SSC meetings are open to the public and public comment periods have been scheduled for each day. Additional public comments may be taken at the discretion of the Chair. Dates and times on this agenda are subject to change once the meeting begins. Agenda items listed under the SSC Administrative Matters are in numerical order; other agenda items reflect their Council Meeting Agenda numbering. Committee member work assignments are noted in parentheses at the end of each agenda item. The first name listed is the discussion leader and the second, the rapporteur. Note, times not specified for discussion and/or presentations will be allocated to the SSC's drafting and reviewing of statements, reports, etc.

## Wednesday, November 2, 2022 – 8 AM

### SSC Administrative Matters

1. Roll Call, Introductions, Announcements, etc. Dan Holland
2. Report of the Executive Director Merrick Burden
3. Approve Agenda and September 2022 Minutes
4. Subcommittee Assignments - Current assignments are listed at the end of this agenda
5. Open Discussion and Future Meeting Planning

### C. Administrative Matters

9. Membership Appointments and Council Operating Procedures (SSC Closed Session)  
(9:00 a.m.; Report to the Council Thursday, November 3)

BREAK (9:30 a.m.)

### D. Salmon Management

2. Final Methodology Review Salmon Technical Team  
(9:45 a.m.; **Johnson; Shelton**; Report to the Council Thursday, November 3)

- G. Highly Migratory Species Management
- 4. Biennial Harvest Specifications and Management Measures – Preliminary Sarah Shoffler  
(10:30 a.m.; **Field; Marshall**; Report to the Council Friday, November 4)
- 3. Drift Gillnet Fishery Hard Caps – Final Action Stephen Stohs  
(11:30 a.m.; **Speir; Reimer**; Report to the Council Friday, November 4)

LUNCH (12:30- 1:30 p.m.)

- H. Groundfish Management
- 4. Methodology Review – Final Fishery Impact Model Topics and Final Assessment  
Methodologies  
(1:30 p.m.; **Schaffler; Tsou**; Report to the Council Saturday, November 5)
- I. Coastal Pelagic Species Management
- 4. Stock Assessment Terms of Reference – Final Action Jessi Doerpinghaus  
(2:30 p.m.; **Hamel; Budrick**; Report to the Council Sunday, November 6)
- 5. Stock Assessment Prioritization Jessi Doerpinghaus  
(3:30 p.m.; **Byrne; Satterthwaite**; Report to the Council Saturday, November 5)

PUBLIC COMMENT PERIOD  
4:30 p.m. (or immediately following Agenda Item I.5)  
Public comments, including comments on issues not on the agenda, are accepted at this time.

SSC Administrative Matters (*continued*)

- 6. Draft and Review Statements  
(Following the public comment period)

**Thursday, November 3, 2022 – 8 AM**

SSC Administrative Matters (*continued*)

- 7. Draft and Review Statements  
(8:00 a.m.)
- H. Groundfish Management (*continued*)
- 5. Stock Definitions John DeVore  
(9:00 a.m.; **Punt; Haltuch**; Report to the Council Saturday, November 5)

C. Administrative Matters *(continued)*

10. Future Council Meeting Agenda and Workload Planning

(10:00 a.m.; **DeVore, Holland**; Report to the Council Tuesday, November 8)

BREAK (11 – 11:15 a.m.)

PUBLIC COMMENT PERIOD  
 11:15 a.m. (or immediately following the morning break)  
 Public comments, including comments on issues not on the agenda, are accepted at this time.

SSC Administrative Matters *(continued)*

8. Draft and Review Statements

(10:15 a.m.)

SSC Subcommittee Assignments

Salmon	Groundfish	Coastal Pelagic Species	Highly Migratory Species	Economics	Ecosystem-Based Management
<b>Alan Byrne</b>	<b>John Budrick</b>	<b>André Punt</b>	<b>John Field</b>	<b>Cameron Speir</b>	<b>Kristin Marshall</b>
John Budrick	John Field	John Budrick	Dan Holland	Dan Holland	John Field
Owen Hamel	Melissa Haltuch	Alan Byrne	Kristin Marshall	André Punt	Melissa Haltuch
Galen Johnson	Owen Hamel	John Field	André Punt	Matt Reimer	Dan Holland
Will Satterthwaite	Kristin Marshall	Owen Hamel	Matt Reimer		Galen Johnson
Jason Schaffler	André Punt	Will Satterthwaite			André Punt
Ole Shelton	Jason Schaffler	Tien-Shui Tsou			Matt Reimer
Cameron Speir	Tien-Shui Tsou				Will Satterthwaite
Tien-Shui Tsou					Ole Shelton
					Cameron Speir

**Bold** denotes Subcommittee Chairperson

ADJOURN

PFMC

10/07/22



# Scientific and Statistical Committee

Pacific Fishery Management Council

Online Meeting

September 6-8, 2022

## **Members in Attendance**

Dr. John Budrick, California Department of Fish and Wildlife, Belmont, CA

Dr. John Field, National Marine Fisheries Service Southwest Fisheries Science Center, Santa Cruz, CA

Dr. Melissa Haltuch, National Marine Fisheries Service Northwest Fisheries Science Center, Seattle, WA

Dr. Dan Holland, National Marine Fisheries Service Northwest Fisheries Science Center, Seattle, WA

Dr. Galen Johnson, SSC Chair, Northwest Indian Fisheries Commission, Olympia, WA

Dr. Kristin Marshall, National Marine Fisheries Service Northwest Fisheries Science Center, Seattle, WA

Dr. Melissa Monk (alternate for Dr. John Field), National Marine Fisheries Service Southwest Fisheries Science Center, Santa Cruz, CA

Dr. Matthew Reimer, University of California Davis, Davis, California

Dr. William Satterthwaite, National Marine Fisheries Service Southwest Fisheries Science Center, Santa Cruz, CA

Dr. Jason Schaffler, Muckleshoot Indian Tribe, Auburn, WA

Dr. Ole Shelton, National Marine Fisheries Service Northwest Fisheries Science Center, Seattle, WA

Dr. Cameron Speir, National Marine Fisheries Service Southwest Fisheries Science Center, Santa Cruz, CA

Dr. Tien-Shui Tsou, Washington Department of Fish and Wildlife, Olympia, WA

## **Members Absent**

Mr. Alan Byrne, Idaho Department of Fish and Game, Boise, ID

Dr. Owen Hamel, National Marine Fisheries Service Northwest Fisheries Science Center, Seattle, WA

Dr. André Punt, University of Washington, Seattle, WA

SSC Recusals for the September 2022 Meeting		
SSC Member	Issue	Reason
None.		

A. Call to Order

Dr. Dan Holland called the meeting to order at 0800. Mr. Merrick Burden briefed the Scientific and Statistical Committee (SSC) on their tasks at this meeting.

G. Groundfish Management

7. Stock Assessment Check-In and Plan – Final Action

The SSC received a presentation from Dr. Jim Hastie (Northwest Fisheries Science Center) regarding the scheduling of STAR panels for species identified at the June Council meeting for assessment in 2023, ageing priorities, and whether there is a need to assess copper rockfish in Oregon and Washington given decisions regarding stock definitions under [Agenda Item G.5](#) of this meeting. Petrale sole and canary rockfish ageing will take substantial time and the SSC recommends review of these assessments at the last STAR panel to allow more time to complete the age readings. Ideally, the review of length-based assessments for shortspine thornyhead and rex sole would take place at the first STAR panel to allow University of Washington students to participate in the completion of the assessments during the preceding quarter.

The SSC previously provided guidance at the November 2021 Council meeting to delineate status determinations for copper rockfish at the state boundaries ([Agenda Item E.2.a, Supplemental SSC Report 1, November 2021](#)). There are no additional genetic or other pertinent data sources to support an alternative stratification. Stratification at 40°10' N. lat. would not align with state-specific data sources. In addition, stratification at 40°10' N. lat. would require a new assessment for 40°10' N. lat. through the California-Oregon border, posing a trade-off given limited assessment capacity, and prohibiting assessment of rex sole. Thus, the SSC continues to recommend stratification of status determination of copper rockfish at state boundaries.

Generally, the SSC prefers to assess all areas for a species in a single cycle to take advantage of efficiencies, make use of parameter estimates that can be shared between areas, and make consistent assumptions ([Agenda Item F.3.a, Supplemental SSC Report 1, June 2022](#)). However, given the lack of additional data to inform new Oregon and Washington copper rockfish assessments in 2023 and the recency of assessment results from the previous biennium, the SSC would endorse use of the 2021 assessment results for status determination if a coastwide perspective on status is needed. Forgoing length-based data-moderate assessments for shortspine thornyhead or rex sole to conduct further assessments for copper rockfish in Oregon and Washington is undesirable because shortspine thornyhead and rex sole have not been assessed since 2013.

*SSC Notes:*

*The 40°10' N. lat. boundary would necessitate new assessments for Oregon as well as CA waters to the south requiring additional assessment staffing.*

*Stratification of the copper rockfish assessment at 40°10' N. lat. would not align with state-specific data sources such as the California Collaborative Fisheries Research Program (CCFRP), ROV surveys, and fishery-dependent data sources that are unavailable or differ between states.*

#### 4. Methodology Review – Preliminary Fishery Impact Model Topics and Final Assessment Methodologies

The Scientific and Statistical Committee (SSC) reviewed the meeting report from the SSC Groundfish Subcommittee's June 2022 workshop on Methods for Standardizing Hook-and-Line Survey Indices of Abundance and Methodology Review of the Species Distribution Model in Template Model Builder (sdmTMB) software. The SSC recommends adopting the Subcommittee report and endorses the use of the sdmTMB software for index standardization in 2023 assessments and beyond. The sdmTMB software performed as expected with results similar to the previously endorsed Vector Autoregressive Spatio-Temporal (VAST) software used for index standardization. The SSC recommends that the 2023 Accepted Practices Guidelines for Stock Assessments, which is a compilation of guidelines for groundfish and coastal pelagic species stock assessment scientists, be updated with the recommended practices for standardizing hook-and-line survey data in the workshop report. Finally, the Council Research Priorities should be updated to reflect the future research recommendations developed during the workshop.

The Groundfish Management Team has adjusted the sablefish daily trip limit model used for inseason management to address problems with model predictions. The SSC supports use of the adjusted model for actions this year, but recommends the model go through a formal review next year.

*SSC Notes:*

*VAST and sdmTMB software differ in the use of numbers or biomass data. Based on first principles, modeling numbers may be preferable. It would be good to explore the ability to build functionality into each of these software packages to permit modeling either numbers or biomass in each modeling tool.*



## C. Administrative Matters *(continued)*

### 1. Research and Data Needs

The Scientific and Statistical Committee (SSC) was updated by Ms. Meisha Key (Key Coaching and Development) on the ongoing construction of the Research and Data Needs Database. The SSC appreciates the hard work of Ms. Key and the development team. This database offers many improvements over the current report.

Some of the key tasks for the SSC at this stage are (1) to determine processes for adding projects and setting the SSC ranking, (2) establishing definitions for the ranking categories, and (3) dealing with duplicates and overlapping projects. The SSC intends to finish these tasks before the planned 2023 update to the list of Research and Data Needs.

The SSC proposes that a jot form, or similar interface, with fields that mirror the format of the database be developed for interested parties to submit project proposals to the Council and SSC. Future discussions can determine how these submissions are reviewed. A process for ranking projects needs to be developed and discussion of this likely needs to be had at both the SSC and the SSC subcommittee level.

The SSC notes that the ranking of high priority and/or high urgent priority quickly becomes watered down if it is overused. The SSC will consider the ranking system used by the North Pacific Fishery Management Council ([Research Priorities Terms Definitions \(current\).pdf \(npfmc.org\)](https://www.npfmc.org)) and develop suggested definitions or guidelines for SSC ranking. High and/or urgent rankings were noted by many SSC members as being helpful for procuring funding for new and ongoing projects and the SSC considers it important to explore ways to communicate which ongoing projects are critical for fisheries management in addition to encouraging needed new projects.

Ms. Key has cataloged current Research and Data Needs projects that appear to be duplicates of, or are closely related to, other entries. The SSC agreed that the appropriate SSC subcommittees could review these related projects before the end of the year and either combine duplicates into one entry or add explanations to differentiate between apparently similar or overlapping projects.

*SSC Notes:*

*New projects being routed, in a uniform way, through the SSC should help reduce duplicates in the future.*

*Advisory bodies will now have input on prioritizing within their FMP and the Fishery Ecosystem Plan.*

*Does the SSC prefer the “year” field representing the year the item was added or the last time the project was reviewed/ranked?*

*Meisha has an extremely helpful spreadsheet of duplicates/overlapping entries that can be shared with the subcommittees to expedite dealing with current duplicate projects. There is also room in the “Status” tab to make notes about how something does or does not overlap with other project*

*entries. No objections were raised to dealing with these by the end of the calendar year. Meisha could do a training video for SSC members before November.*

*Questions were raised about how and how many people use this document. NPFMC had lots of discussions of how to concisely signal highest priority projects and how to disseminate information. This is something we could work on as well.*

*The SSC should consider adding an “ongoing” status option.*

#### D. Salmon Management

##### 1. Methodology Review - Final Topic Selection and Update on Model Improvements

Dr. Michael O’Farrell (Salmon Technical Team, STT) and Mr. Jon Carey (STT) briefed the Scientific and Statistical Committee (SSC) on five proposed topics for the 2022 Salmon Methodology Review scheduled for October 12-13, 2022. The five topics listed in the Situation Summary are anticipated to be ready for review and the SSC supports reviewing all five. The topics and parties responsible for providing documentation are:

1. Technical review of the updates associated with ‘Round 7.1.1’ of the Fishery Regulation Assessment Model (FRAM) base period as they relate to modeled abundances of Chinook salmon stocks used in determining the southern resident killer whale (SRKW) Chinook salmon abundance threshold. This review will be informed by a document that summarizes the changes to the FRAM that impact the SRKW Chinook salmon abundance threshold and will be led by the Model Evaluation Workgroup (MEW) with support from the Washington Department of Fish and Wildlife (WDFW), Northwest Indian Fisheries Commission (NWIFC), and National Oceanic and Atmospheric Administration (NOAA).
2. Technical review of the updates to Chinook salmon ocean distribution models that derive from two publications (Shelton et al. 2019, 2021) and are used to apportion the modeled abundance of Chinook salmon stocks among ocean regions. This review will be informed by an additional document that summarizes changes between the 2019 and 2021 models that impact modeled Chinook salmon stock apportionment, and this document will be prepared by the Northwest Fisheries Science Center.
3. Discussion of whether the Sacramento Index forecast should be expressed as a mean or median. This review will evaluate a document that discusses expected type and magnitude of errors and management performance associated with expressing this point estimate as a mean or median. This document will be prepared by the Southwest Fisheries Science Center.
4. Review of the basis behind the Sacramento River Fall Chinook conservation objective. This review will be based on a document that reviews the literature used to develop the Sacramento River Fall Chinook conservation objective and the SSC recommends that it should incorporate information from more recent studies as appropriate. Document preparation will be led by the Southwest Fisheries Science Center.
5. FRAM technical detail documentation. This review will consist of an update of the online-based documentation of the FRAM model reviewed in previous cycles and will be led by the MEW with support from WDFW, NWIFC, and NOAA.

Materials submitted for review should be technically sound, comprehensive, clearly documented, and identified by author. Materials to be reviewed should be submitted no later than two weeks prior to the review. If this deadline cannot be met, it is the responsibility of the author to contact Robin Ehlke – Salmon Staff Officer, the SSC Salmon Subcommittee Chair, and the STT Chair prior to the deadline, so appropriate arrangements, rescheduling, and cancellations can be made in a timely and cost-effective manner. The SSC plans to review reports on these topics at the November 2022 Council meeting.

*SSC Notes:*

*Responsible parties identified for some items differ from those in the Briefing Book because, although members of the SSC are responsible for some documents, they do so through their affiliation with other organizations and will be recused from review where appropriate.*

G. Groundfish Management (*continued*)

5. Stock Definitions Update

The Scientific and Statistical Committee (SSC) discussed scoping for Amendment 31 to the Pacific Coast Groundfish Fishery Management Plan, as well as the documents prepared for this agenda item (Agenda Item G.5, Attachments [1](#) and [2](#)). As in the SSC’s June 2022 statement on this agenda item, defining stocks through an amendment to the Groundfish Fishery Management Plan (FMP) involves a combination of scientific and policy considerations, and the SSC limited discussion to scientific considerations only.

The SSC continues to endorse a multi-phase approach for establishing stock definitions, recognizing the need for decisions in the relatively near future for species assessed in 2021 and those that are planned for assessment in 2023. The decision roadmap provided in Agenda Item G.5, [Attachment 1](#) seems adequately defined with respect to the need for Amendment 31, given that an FMP amendment is necessary to implement previous SSC recommendations regarding stock assessment results and status determinations. The SSC also agrees that Table 1 in [Attachment 1](#) provides an appropriate starting point for a number of additional species in the FMP that is consistent with historical management approaches and presumed stock structure assumptions. The SSC recognizes that some modifications to these stock definitions may be appropriate (such as the Pacific ocean perch area designation discussed in the document) as some area definitions may be management or assessment artifacts.

The SSC recognizes that while it is unlikely that new data or information will be available to inform stock structure decisions for these (and other) stocks in the near term, there is likely benefit in improved organization and interpretation of existing insights and data to support upcoming decisions. This would include a synthesis of approaches taken by other Regional Fishery Management Councils in addressing these questions. Consequently, the SSC continues to be supportive of a working group or team to compile and synthesize such information.

With respect to the proposed timeline for a preferred preliminary alternative (PPA) for copper and black rockfish stock structure in November, the SSC notes that this provides very little time for any formal or informal effort to synthesize information to support these decisions. The SSC continues to recommend that stock assessments be conducted as consistently as possible with

likely or tentative stock definitions suggested by stock assessment analysts (recognizing the benefits of stratifying assessments at finer-scale spatial areas when appropriate). Past SSC recommendations have generally been consistent with the recognition that nearshore rockfish are more likely to have finer-scale stock structure than shelf or slope groundfish species. Consequently, the SSC concurs with the recommendations of assessment analysts with respect to stock boundaries for copper and black rockfish, who have discussed the available information to inform stock structure in the relevant assessment documents. Analysts have subsequently structured these and many other nearshore rockfish assessments around state boundaries and indicated the likelihood of at least some level of stock structure among those areas. The briefing materials for this agenda item did not suggest any basis for reconsideration of previous recommendations regarding likely or plausible stock structure of nearshore rockfish.

#### *SSC Notes:*

*With respect to either a formal or informal working group to provide a better synthesis of information, the science centers have identified staff to help Council staff prepare additional background materials on this issue. The SSC noted that staff currently committed to this effort have ecological expertise but are less appropriately equipped to address economic or social factors, and Council staff recognized a need to seek complementary expertise to inform such questions.*

*With respect to redefining overfishing criteria in the FMP for stocks within a complex (Item 5 in [Attachment 1](#)), there was recognition that a change in how OFLs are defined for species that have been subject to category 1 or 2 stock assessments is worth additional discussion. However, it was also suggested that more analysis of National Standard 3 considerations and the role that the species complexes play with respect to management in this fishery would be helpful for informing future discussions on this issue.*

*With respect to stock structure and past copper and black rockfish assessments, note that the SSC recommendation was to pool the model results for Oregon and Washington for a northern region, and to pool the assessment results north and south of Point Conception, CA for a southern (California) region. The SSC also recommended that harvest levels should be spatially allocated within those areas proportional to relative biomass to reduce risk owing to stock structure uncertainty, particularly for copper rockfish off California.*

## H. Ecosystem Management

### 1. Fishery Ecosystem Plan Initiatives Appendix and New Initiative

The Scientific and Statistical Committee (SSC) received a presentation from Dr. Kit Dahl (PFMC Staff) on the Fishery Ecosystem Plan (FEP) Initiatives and draft updates to the FEP Appendix proposed by the Ecosystem Workgroup. The SSC previously reviewed the FEP Initiatives in [March 2022](#). The updated Appendix has been revised to address input provided by the Council and its advisory bodies. It also includes a new initiative, “Climate-Informed Fisheries Management,” which was recommended by several advisory bodies. In general, the SSC is supportive of the updated FEP Appendix.

The SSC notes that the work proposed in initiative 2.4, “Cross-FMP Essential Fish Habitat (EFH) Initiative,” would likely need to be conducted in concert with state fisheries management agencies as EFH extends beyond the Federal jurisdiction. The SSC’s previous comments from March 2022 also remain relevant for the updated FEP Appendix. For example, the work described in proposed initiative 2.2, “Science Policy and Planning for Understanding the Effects of Oceanographic Conditions and Recruitment on Council-Managed Finfish Species,” may be more appropriate once better oceanographic models and data sources become available. Proposed initiative 2.8, “Assess Flexibility in Fisheries Management Process Initiative,” should consider ways flexibility may have both negative and positive effects on fishery stakeholders.

The newly proposed initiative 2.10 combines elements from initiative 2.1, “Ecosystem and Climate Information for Species, Fisheries, and Fishery Management Plans (FMPs),” initiative 2.6, “Supporting Fishery and Fishing Community Resilience Initiative,” and initiative 2.8, “Assess Flexibility in Fisheries Management Process Initiative.” The SSC notes that the combined initiative would be a significant undertaking and take several years to complete. Given the multi-phased nature of the proposed work, it might make more sense to conduct the work sequentially, starting with elements from initiative 2.1 rather than committing to the entirety of initiative 2.10.

SSC Administrative Matters (*continued*)

### 9. Review of Coastal Pelagic Species Stock Assessment Terms of Reference

*The SSC reviewed the revised Terms of Reference (TOR) for Coastal Pelagic Species (CPS) stock assessments. The SSC agrees that their previous comments ([June 2022, D.2.a, Supplemental SSC Report 1](#)) have been sufficiently addressed.*

*The SSC notes that recent practices with respect to STAR Panelist recusals and changing sigma over the course of projections have not been entirely consistent with the revised TOR. Consistency should be strived for in the future. The SSC continues to see value in developing a TOR for CPS rebuilding analyses.*

*The SSC also notes that salmon do not have a rebuilding analysis TOR either, and the SSC and salmon advisory bodies may wish to discuss the value of developing such a TOR in the future.*

C. Administrative Matters (*continued*)

### 3. Council Meeting and Process Efficiencies

The Scientific and Statistical Committee (SSC) received a presentation from John DeVore (Council staff) on the “Council Efficiencies and Effectiveness White Paper.” The SSC appreciates the effort and thoughtfulness from Council staff in developing this document.

The SSC discussed the contents of the white paper and the SSC’s experiences with virtual meetings in general. The SSC supports having the option to read statements to the Council virtually, which allows subject matter experts to read statements and other SSC members to be present to answer questions. The SSC supports having some of its regular meetings be entirely virtual. Continued use of virtual meetings for SSC Subcommittee meetings and workshops and other reviews also has

advantages, although in-person meetings may be preferable in many cases. For in-person meetings, the SSC supports enabling hybrid (virtual/in-person) meetings, with most SSC members meeting in-person with the option for other members to participate virtually if they are unable to travel. Presentations to the SSC and public comment could also be virtual.

Future iterations of the white paper could include an estimate of the financial tradeoffs between in-person and hybrid/virtual meetings. The white paper mentions additional costs (for equipment and potential staff time) for virtual meetings, but these, to some degree, would be offset by reduced travel costs.

The SSC's discussion recognized both the benefits and costs of in-person and virtual meetings. In-person meetings allow for easier, more meaningful interactions between participants. The SSC notes the transition to virtual-only for its meetings was relatively easy, in part because of the good relationships between members that had been built during prior in-person meetings. Some SSC members noted that focused participation and coordination between the Council and advisory bodies was better during in-person meetings. Side conversations are an example of meaningful, useful interaction that occurs in-person. However, such interactions may have some downside issues because they reduce transparency and could exclude non-participants from discussions that may affect decision-making.

Virtual meetings allow for greater participation and permit greater inclusivity, since participants need not travel to meetings. The SSC notes that the way virtual or hybrid meetings are conducted affects their effectiveness, and future work on the white paper could include some investigation of best practices for conducting these meetings.

The SSC is concerned that producing an SSC report and an additional summary for reading to the Council could reduce the precision and quality of information presented to the Council and increase workload.

The SSC discussed the idea of meeting prior to, rather than concurrent with, Council meetings. The SSC notes that other Councils do this. However, if this option is pursued, this will affect the timelines for Council staff, science centers, and others presenting work to the SSC, as this work would need to be available for review well before the briefing book deadline.

*SSC Notes:*

*Bigger meetings with disparate groups are better suited for being virtual (e.g., workshops). We want input from lots of parties and being remote improves inclusion.*

*Having regular hybrid or virtual meetings maintains the Council's capacity to transition back to all-virtual meetings in the future in case of some unforeseen event.*

*Future workload items could include whether future SSC meetings would be virtual or hybrid. For example, two to four (out of five) SSC meetings could be primarily in-person (with virtual participation options) and one to three meetings could be entirely virtual.*

*The SSC notes that we have had difficulty staffing stock assessment review (STAR) panels. Allowing panel members to participate virtually may expand the pool of potential candidates.*

*STAR panels may not function well as hybrid meetings for all participants. STAR panels may be better as either virtual or in-person (no hybrid option for Panelists and STAT leads).*

*Having a statement and summary makes a single person responsible for determining what to highlight. Things may inadvertently get glossed over. Also, sometimes we spend a painful amount of time choosing one specific word in a statement.*

*If the SSC meets non-concurrently with the Council, then giving statements virtually is preferred.*

## 8. Future Council Meeting Agenda and Workload Planning

The Scientific and Statistical Committee (SSC) discussed workload planning and has the following updates to our June 2022 statement under this agenda item.

The SSC recommends holding its November meeting in-person November 2-3, 2022.

The SSC Ecosystem Subcommittee meeting with the California Current Integrated Ecosystem Assessment (CCIEA) team to review additions to the Integrated Ecosystem Assessment (IEA) report will be held as a webinar on September 16. The SSC Salmon Subcommittee, the Salmon Technical Team (STT), the Salmon Advisory Subpanel (SAS), the Ecosystem Workgroup (EWG), and the Ecosystem Advisory Subpanel (EAS) were invited to participate.

The Salmon Methodology Review will be held as a webinar October 12-13, 2022 with participation by the SSC Salmon Subcommittee, the STT, and the Model Evaluation Workgroup (MEW).

The SSC recommends a Pacific Sardine stock structure workshop November 15-17, 2022. The Coastal Pelagic Species (CPS) Subcommittee would participate in this workshop along with Science Center assessment and survey staff and the CPS Management Team and Advisory Subpanel (CPSMT and CPSAS). Whether this meeting will be held in person or as a webinar has yet to be determined.

A Pacific Fishery Management Council (Council)-sponsored methodology review with the goal of improving estimates of the abundance of the Northern Subpopulation of Pacific Sardine is proposed for Winter of 2023 with participation from the CPS Subcommittee along with Science Center assessment and survey staff and the CPSMT and CPSAS. The meeting may be held in person or as webinar.

The Western Groundfish Conference will be held April 23-29, 2023 in Juneau, Alaska. Several SSC members are likely to attend.

The SSC Groundfish Subcommittee is planning several meetings and workshops over the next several months.

- The SSC Groundfish Subcommittee will review the Oregon Department of Fish and Wildlife's proposed acoustic/visual survey methodology for semi-pelagic rockfish in a webinar to be held September 27-30, 2022 with the participation of a Center of Independent Experts scientist with expertise on acoustic abundance estimation methods. A review of Washington's hook-and-line surveys

will also occur at this meeting. The review will focus on survey designs and future application in stock assessments.

- The SSC proposes a Groundfish Subcommittee meeting to explore approaches to model large closed areas, catch estimation, and other regulation changes in stock assessments to be held as a webinar in December 2022 or January 2023 with participation from Science Center assessment staff and the Groundfish Management Team (GMT) and Groundfish Advisory Subpanel (GAP).
- The SSC Groundfish Subcommittee recommends scheduling a workshop on using ROV data in stock assessments as a webinar in January 2023 with an exact date to be determined with participation from Science Center Assessment Staff.
- The SSC Groundfish Subcommittee had previously proposed a workshop to discuss alternative harvest control rules for spiny dogfish but recommends postponing that workshop until 2024 due to lack of data and capacity to make progress on this topic prior to the 2023 stock assessment cycle.

*SSC Notes:*

*Workload for SSC Groundfish Subcommittee is becoming excessive and there is a need to maintain focus on reviews of science. Making meetings virtual should not be an excuse to increase meetings or meeting length.*

*Consider a workshop for exploration of ageing spiny dogfish. This may be proposed as a methodology review topic in September 2023.*

*A methodology review to consider the use of ages from the spectroscopy method in stock assessments could be undertaken as a new methodology review topic in September 2023 to be undertaken in winter 2023-2024. (This is also from the ageing coordination meeting report.)*



**Proposed Workshops and SSC Subcommittee Meetings for 2022 and Beyond**

<b>Workshop/Meeting</b>		<b>Potential Dates</b>	<b>Sponsor/ Tentative Location</b>	<b>SSC Reps.</b>	<b>Additional Reviewers</b>	<b>AB Reps.</b>	<b>Council Staff</b>
<b>1</b>	Ecosystem Subcommittee/CCIEA Team Meeting	Sept 16, 2022	Council/Webinar	Ecosystem and Salmon Subcommittee Members	CCIEA Team	EWG EAS STT SAS	DeVore Dahl Ehlke
<b>2</b>	Methodology Review for the ODFW Acoustic/Visual Survey,  Proposed Workshop to Develop Methods for Constructing Abundance Indices Based on WA Hook-and-line Surveys	Sept 27-30, 2022	Council/Webinar	Groundfish Subcommittee Members  (Budrick & Hamel - co-chairs)	CIE (Rose), Science Center Assessment Staff	GMT GAP	DeVore
<b>3</b>	Salmon Methodology Review	Oct 12-13, 2022	Council/Webinar	Salmon Subcommittee Members	None	STT MEW	Ehlke
<b>4</b>	Pacific Sardine Stock Structure Workshop	Nov 15-17, 2022	SWFSC/TBD	CPS Subcommittee Members	Science Center Assessment/ Survey Staff	CPSMT CPSAS	Doerpinghaus

**Proposed Workshops and SSC Subcommittee Meetings for 2022 and Beyond**

	<b>Workshop/Meeting</b>	<b>Potential Dates</b>	<b>Sponsor/ Tentative Location</b>	<b>SSC Reps.</b>	<b>Additional Reviewers</b>	<b>AB Reps.</b>	<b>Council Staff</b>
5	Proposed Groundfish Subcommittee Meeting to Explore Approaches to Deal with Large Closed Areas, Catch Estimation, and Other Regulation Changes in Stock Assessments/Catch Estimation Meeting	Dec 2022 or Jan 2023 TBD	Council/Webinar	Groundfish Subcommittee Members (Budrick & Field - co-chairs)	Science Center Assessment Staff	GMT GAP	TBD
6	ROV Survey and Workshop for Using ROV Data in Stock Assessments	Jan 2023 TBD	Council/Webinar	Groundfish Subcommittee Members (chair TBD)	Science Center Assessment Staff	GMT GAP	TBD
7	Western Groundfish Conference	Apr 23-29, 2023	AFSC/Juneau	NA	NA	NA	NA
8	Methodology Review on Abundance and Catch Estimation of the Northern Subpopulation of Pacific Sardine	Winter 2023	Council/TBD	CPS Subcommittee Members (Punt - chair)	Science Center Assessment/ Survey Staff	CPSMT CPSAS	Doerpinghaus
9	Proposed Workshop to Develop Alternative Harvest Control Rules for Spiny Dogfish	2024 TBD	Council/Webinar	Groundfish Subcommittee Members	TBD	GMT GAP	TBD

## SSC Subcommittee Assignments

<b>Salmon</b>	<b>Groundfish</b>	<b>Coastal Pelagic Species</b>	<b>Highly Migratory Species</b>	<b>Economics</b>	<b>Ecosystem-Based Management</b>
<b>Alan Byrne</b>	<b>John Budrick</b>	<b>André Punt</b>	<b>John Field</b>	<b>Cameron Speir</b>	<b>Kristin Marshall</b>
John Budrick	John Field	John Budrick	Dan Holland	Dan Holland	John Field
Owen Hamel	Melissa Haltuch	Alan Byrne	Kristin Marshall	André Punt	Melissa Haltuch
Galen Johnson	Owen Hamel	John Field	André Punt	Matthew Reimer	Dan Holland
Will Satterthwaite	Kristin Marshall	Owen Hamel	Matthew Reimer		Galen Johnson
Jason Schaffler	André Punt	Will Satterthwaite			André Punt
Ole Shelton	Jason Schaffler	Tien-Shui Tsou			Matthew Reimer
Cameron Speir	Tien-Shui Tsou				Will Satterthwaite
Tien-Shui Tsou					Ole Shelton
					Cameron Speir

**Bold** denotes Subcommittee Chairperson

ADJOURN

PROPOSED AGENDA

# Salmon Technical Team

Pacific Fishery Management Council  
Online Meeting  
November 2, 2022

Pertinent information will be posted to the Council's [November 2022 meeting webpage](#) prior to the first day of the meeting. Salmon Technical Team (STT) meetings are open to the public and a public comment period has been scheduled. Times on this agenda are subject to change once the meeting begins. Agenda items listed under the STT Administrative Matters are in numerical order; other agenda items reflect their Council Meeting Agenda numbering. Times not specified for discussion and/or presentations will be allocated to STT's drafting and reviewing of statements, reports, etc.

## Wednesday November 2, 2022— 8:00 a.m.

### STT Administrative Matters

- |  |                             |
|--|-----------------------------|
| 1. Roll Call, Introductions, Announcements, etc. | Mike O'Farrell, Chair       |
| 2. Opening Remarks and Agenda Overview           | Robin Ehlike, Staff Officer |
| 3. Approve Agenda                                | STT                         |

### D. Salmon Management

- |   |                |
|---|----------------|
| 1. National Marine Fisheries Service Report<br>(8:15 a.m. Report to the Council Thursday November 3)  | Susan Bishop   |
| 3. 2023 Preseason management schedule<br>(8:30 a.m. STT discussion,<br>2:30 p.m. discussion with Salmon Advisory Subpanel [SAS, use SAS meeting ID]<br>Report to the Council Thursday November 3)   | Mike O'Farrell |
| 2. Methodology Review – Final review<br>(8:45 a.m. STT discussion,<br>9:45 a.m. discussion with Scientific and Statistical Committee [SSC, use SSC meeting ID],<br>1:15 p.m. discussion with SAS [use SAS meeting ID]<br>Report to the Council Thursday November 3) | Mike O'Farrell |
| 2. Methodology Review - Model Improvements<br>Klamath Ocean Harvest Model Effort Forecasting – Final Report<br>(11:00 a.m., Report to the Council Thursday November 3)  | Mike O'Farrell |

Public Comment

1. (11:45 a.m.)

Mike O'Farrell

**STT Administrative Matters**

4. Prepare and finalize statements

Mike O'Farrell

**ADJOURN**

(4:00 p.m.)

PFMC

10/04/22

