

PROPOSED AGENDA
Ecosystem Advisory Subpanel

Hilton Vancouver Washington
Discovery E
301 W. Sixth Street
Vancouver, WA 98660 USA
Phone: 360-993-4500

This meeting is open to the public and public comments will be accepted at the discretion of the Ecosystem Advisory Subpanel (EAS) Chair. Agenda times are approximate and are subject to change.

WEDNESDAY, MARCH 6, 2019

A. *Call to Order, 8:00 a.m.*

1. Introductions
2. Approval of Agenda
3. Election of Officers

B. *Climate and Communities Initiative Update (Agenda Item E.2)*

(8:30 a.m., 2.5 hours)

Joint Session with Ecosystem Advisory Subpanel in Discovery E

C. *Navigating the Council*

Mike Burner, Kris Kleinschmidt
11:00 a.m., 1 hour

D. *California Current Ecosystem and Integrated Ecosystem Assessment Report and Science Review Topics (Agenda Item E.1)*

Chris Harvey & Toby Garfield
(1:00 p.m., 1.5 hours)

E. *Fishery Ecosystem Plan (FEP) Five-Year Review (Agenda Item E.3)*

(2:30 p.m., 2 hours)

THURSDAY, MARCH 7, 2018

F. *Future Meeting Agenda and Workload Planning (Agenda Item C.5)*

(8:00 a.m., 1 hour)

G. *Finalize Reports*

(9:00 a.m., 4 hours)

ADJOURN

PROPOSED AGENDA
Enforcement Consultants

Pacific Fishery Management Council
Hilton Vancouver Hotel
Cedar Room (March 7th and 9th-11th)
Hemlock Room (March 8th)
301 West Sixth Street
Vancouver, Washington 98660
Phone: 360-993-4500

THURSDAY, MARCH 7, 2019 – 3:00 PM (CEDAR ROOM)

A. Call to Order

Ryan Howell, Chair

1. Introductions
2. Review and Adopt Agenda

B. Council Agenda Items for Possible Comment

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

D. Salmon Management

- D.4 Identify Management Objectives and Preliminary Definition of 2019 Management Alternatives
Council Action: Adopt Council Recommendations for Initial Management Measure Alternatives for Salmon Technical Team Collation and Description

G. Groundfish Management

- G.2 Amendment 28 – Essential Fish Habitat (EFH) and Rockfish Conservation Area – Final Implementation
Council Action: Approve Final Amended Fishery Management Plan; Correct Final EFH Conservation Area Configurations, As Necessary; Consider Adopting Revised Council Operating Procedure 22 for Public Review

D. Salmon Management (continued)

- D.5 Recommendations for 2019 Management Alternative Analysis
Council Action: Direction to the Salmon Technical Team and Salmon Advisory Subpanel on Alternative Development and Analysis

G. Groundfish Management (continued)

- G.4 Omnibus Workload Planning Process Review and Project Prioritization
Council Action: Consider Revising the Omnibus Workload Planning Process; Consider Prioritizing New Management Measure Projects, as Appropriate
- G.5 Inseason Adjustments—Final Action
Council Action: Adopt Final Inseason Adjustments for 2019 as Necessary to Achieve but Not Exceed Annual Catch Limits and Other Management Objectives

H. Pacific Halibut Management

- H.2 Incidental Catch Recommendations: Options for the Salmon Troll and Final Recommendations for Fixed Gear Sablefish Fisheries
Council Action: Recommend Inseason Changes to April 2019 Retention Limits in the Salmon Troll Fishery, as Necessary; Adopt Public Review Options for Retention in 2019 and April 2020 Salmon Troll Fishery; Adopt Final Retention Limits for 2019 Fixed Gear Sablefish Fishery

D. Salmon Management (continued)

- D.6 Further Direction for 2019 Management Alternatives
Council Action: Further Guidance and Direction as Necessary
- D.7 Further Direction for 2019 Management Alternatives
Council Action: Further Guidance and Direction as Necessary
- D.8 Adopt 2019 Management Alternatives for Public Review
Council Action: Adopt Ocean Salmon Management Alternatives for Public Review

C. Administrative Matters

- C.3 Membership Appointments, Statement of Organization, Practices and Procedures and Council Operating Procedures
Council Action: Consider Appointments to Council Committees and Advisory Bodies; Adopt Changes to Council Operating Procedures and Statement of Organization, Practices and Procedures As Necessary
- C.5 Future Council Meeting Agenda and Workload Planning
Council Discussion and Guidance on Future Meeting Agenda and Workload Planning

C. Other Topics

1. Enforcement Corner
2. Navigating the Council (Friday, March 8, 8:00 a.m.)
Mike Burner and Kris Kleinschmidt
3. PacFIN: Inseason Sablefish APEX Report Demonstration (Friday March 8, 2:00 p.m.)
Rob Ames
4. Other

D. Public Comment

FRIDAY, MARCH 8, 2019 through MONDAY, MARCH 11, 2019

Meeting continues as necessary. Note: Friday, March 8th meeting is in the Hemlock Room.

ADJOURN

PFMC
02/07/18

PROPOSED AGENDA
Ad Hoc Ecosystem Workgroup

Hilton Vancouver Washington
Discovery D
301 W. Sixth Street
Vancouver, WA 98660 USA
Phone: 360-993-4500

This meeting is open to the public and public comments will be accepted at the discretion of the Ad Hoc Ecosystem Workgroup (EWG) chair. Agenda times are approximate and are subject to change.

WEDNESDAY, MARCH 6, 2019

A. Call to Order

(8:00 a.m., 30 minutes)

1. Introductions
2. Approval of Agenda
3. Election of Officers

B. Climate and Communities Initiative Update (Agenda Item E.2)

(8:30 a.m., 2.5 hours)

Joint Session with Ecosystem Advisory Subpanel in Discovery E

C. Navigating the Council

*Mike Burner, Kris Kleinschmidt
(11:00 a.m., 1 hour)*

**D. California Current Ecosystem and Integrated Ecosystem Assessment Report
and Science Review Topics (Agenda Item E.1)**

*Chris Harvey & Toby Garfield
(1:00 p.m., 1.5 hours)*

E. Fishery Ecosystem Plan (FEP) Five-Year Review (Agenda Item E.3)

(2:30 p.m., 2 hours)

THURSDAY, MARCH 7, 2018,

F. Future Meeting Agenda and Work Planning (Agenda Item C.5)

(8:00 a.m., 1 hour)

G. Finalize Reports

(9:00 a.m., 3 hours)

ADJOURN

PFMC
02/07/19

PROPOSED AGENDA
Groundfish Advisory Subpanel
Pacific Fishery Management Council
Hilton Vancouver, Washington
Oak Room
301 W. Sixth Street
Vancouver, WA 98660
Telephone: 360-993-4500
March 7-9, 2019

Groundfish Advisory Subpanel (GAP) meetings are open to the public, and public comments will 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 are not in numerical order, they reflect the Council Meeting Agenda numbering.

THURSDAY, MARCH 7 – 8 AM

GAP Administrative Matters

1. Roll Call, Introductions, Announcements, etc. John Holloway, Chair
2. Opening Remarks and Agenda Overview Brett Wiedoff
3. Chair/Vice Chair Election for 2019
4. Approve Agenda

E. Ecosystem

2. Climate and Communities Initiative Update Kit Dahl
(8:30 a.m.; Report to the Council Thursday, March 7)
3. Fishery Ecosystem Plan Five - Year Review Kit Dahl
(9 a.m.; Joint meeting with GMT in Oak Room; Report to the Council Friday, March 8)

GAP Administrative Measures (continued)

5. Discussion and Statement Development
(10 a.m.)
6. Navigating the Council Mike Burner/Kris Kleinschmidt
(2 p.m.)
7. Draft and Review Statements
(3:00 p.m.)

G. Groundfish Management

2. Amendment 28 – Essential Fish Habitat and Rockfish Conservation Kerry Griffin
Area – Final Implementation
(4 p.m.; Report to the Council Saturday, March 9)

FRIDAY, MARCH 8 – 8 AM

G. Groundfish Management (continued)

3. New Methodology Informing Sigma Values – Final Adoption John DeVore
(8 a.m.; Report to the Council Saturday, March 9)
4. Omnibus Workload Process Planning Review and Project Prioritization Jim Seger
(9 a.m.; Report to the Council Sunday, March 10)
6. Implementation of the 2019 Pacific Whiting Fishery Under the U.S./Canada Agreement Dan Waldeck
(10 a.m.; Report to the Council Sunday, March 10)

GAP Administrative Measures (continued)

8. Draft and Review Statements
(10:30 a.m.)

H. Pacific Halibut Management

1. Annual International Pacific Halibut Commission Meeting Report Robert Alverson
(1 p.m.; Report to the Council Sunday, March 10)
2. Incidental Catch Recommendations: Options for the Salmon Troll and Final Recommendations for Fixed Gear Sablefish Fisheries
(2 p.m.; Report to the Council Sunday, March 10)

GAP Administrative Measures (continued)

9. Draft and Review Statements
(3 p.m.)

SATURDAY, MARCH 9 – 8 AM

GAP Administrative Measures (continued)

10. Draft and Review Statements
(8 a.m.)

G. Groundfish Management (continued)

5. Inseason Adjustments - Final Action
(9:00 a.m.; Joint GMT Meeting in Oak Room; Report to Council Sunday, March 10)

C. Administrative

3. Membership and Council Operating Procedures
(10 a.m.; Report to the Council Monday, March 11)
5. Future Council Meeting Agenda and Workload Planning
(10:30 a.m.; Report to the Council Tuesday, March 12)

GAP Administrative Measures (continued)

11. Draft and Review Statements

(11 a.m.)

ADJOURN

PFMC

02/07/19

PROPOSED AGENDA
Groundfish Management Team
Pacific Fishery Management Council
Hilton Vancouver Washington
Pine Room
301 W. Sixth Street
Vancouver, WA 98660
Telephone: 360-993-4500

March 7 - 9, 2019

Groundfish Management Team (GMT) meetings are open to the public, and public comments will be taken at the discretion of the GMT Chair. Dates and times on this agenda are subject to change once the meeting begins. Agenda items listed under the Groundfish Management subheading are not in numerical order, they reflect their Council Meeting Agenda numbering. Note, times not specified for discussion and/or presentations will be allocated to the GMT's drafting and reviewing of statements, reports, etc.

Thursday, March 7, 2019 — 8:00 a.m.

GMT Administrative Matters

1. Roll Call, Introductions, Announcements, etc. Lynn Mattes, Chair
2. Opening Remarks and Agenda Overview Todd Phillips
3. Approve Agenda

E. Ecosystem

3. Fishery Ecosystem Plan Five-Year Review Kit Dahl
(9:00 a.m.; Joint GMT/GAP Meeting in Oak Room;
Report to the Council Friday, March 8)

GMT Administrative Measures (continued)

4. Sablefish Management and Trawl Allocation and Attainment Committee Jim Seger
(10:00 a.m.; Informational Discussion Only, No Report)

G. Groundfish Management

5. Inseason Adjustments – Final Action Jessi Doerpinghaus
(1:00 p.m.; Report to Council Sunday, March 10)
2. Amendment 28 – Essential Fish Habitat and Kerry Griffin/ Gretchen Hanshew
Rockfish Conservation Area – Final Implementation
(3:00 p.m.; Report to the Council Saturday, March 9)

Thursday, March 7, 2019 — continued

GMT Administrative Matters (continued)

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

Friday, March 8, 2019 — 8:00 a.m.

G. Groundfish Management (continued)

- 4. Omnibus Workload Process Planning Review and Project Prioritization Jim Seger
(8:00 a.m.; Report to the Council Sunday, March 10)
- 3. New Methodology Informing Sigma Values – Final Adoption John DeVore
(1:00 p.m.; Report to the Council Saturday, March 9)

GMT Administrative Matters (continued)

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

Saturday, March 9, 2019 — 8:00 a.m.

GMT Administrative Measures (continued)

- 7. Navigating the Council Mike Burner/Kris Kleinschmidt
(8:00 a.m.)

G. Groundfish Management (continued)

- 5. Inseason Adjustments – Final Action Jessi Doerpinghaus
(9:00 a.m.; Joint GMT/GAP Meeting in Oak Room;
Report to Council Sunday, March 10)

C. Administrative

- 5. Future Council Meeting Agenda and Workload Planning Lynn Mattes
(10:30 a.m.; Report to the Council Tuesday, March 12)

Closed Session

GMT Officer Elections
(11:30 a.m.)

GMT Administrative Measures (continued)

- 8. Draft and Review Statements
(1:00 p.m.)

ADJOURN

PFMC
02/07/19

PROPOSED AGENDA
Habitat Committee

Pacific Fishery Management Council
Hilton Vancouver Hotel
Heritage E Room
301 West Sixth Street
Vancouver, Washington 98660
(360) 993-4500
March 6, 2019

Process notes: Numbering reflects the Council agenda. Starred items appear on the Council agenda. Michael Clark will represent U.S. Fish and Wildlife. Public comment on agenda items will be taken during each agenda item. Arlene Merems will serve as timekeeper.*

WEDNESDAY, MARCH 6, 2019, 8 AM

A. Call to Order and Habitat Administrative Matters

- | | | |
|---|------------------------|-----------|
| 1. Introductions and Approval of Agenda | Eric Wilkins | 8:00 a.m. |
| 2. Review of Google Docs for Joint Committee Work | Jennifer Gilden | 8:15 a.m. |

E. Ecosystem Matters

- | | | |
|---|---|-----------|
| 1. California Current Ecosystem and Integrated Ecosystem Assessment Report and Science Review Topics* | Chris Harvey, Toby Garfield (NOAA)
<i>Notes: Lance Hebdon</i> | 8:30 a.m. |
| 2. Climate and Communities Initiative Update* | Kit Dahl
<i>Notes: Lisa Wooninck</i> | 9:30 a.m. |

BREAK

10:30 a.m.

- | | | |
|---|---|------------|
| 3. Fishery Ecosystem Plan Five-Year Review* | Kit Dahl
<i>Notes: Noah Oppenheim</i> | 10:45 a.m. |
|---|---|------------|

D. Salmon Matters

- | | | |
|---|--|------------|
| 2. Review of Rebuilding Plans* ¹ | All
<i>Notes: Fran Recht</i> | 11:15 a.m. |
|---|--|------------|

A. Habitat Administrative Matters (continued)

- | | | |
|----------------------------|----------------------------------|------------|
| 3. Future Meeting Planning | HC
<i>Notes: Staff</i> | 11:45 a.m. |
|----------------------------|----------------------------------|------------|

LUNCH

12:00 noon

¹ This will also be covered in an HC webinar on February 26.

G. Groundfish Matters

2. Amendment 28 – Essential Fish Habitat and Rockfish Conservation Area – Final Implementation*² **All** 1:15 p.m.

Notes: Correigh Greene

F. Habitat Matters

1. Member Updates **All** 3:15 p.m.

Notes: Michael Clark

A. Habitat Administrative Matters (continued)

4. Chair/Vice Chair Election **All** 3:45 p.m.

5. Public Comment for Items Not on the Agenda 4:00 p.m.

6. Finalize Comments on E.1, E.2, E.3, D.2, G.2, C.1 (from webinar) **All** 4:05 p.m.

ADJOURN 6:00 PM

PFMC
02/07/19

²This will also be covered in an HC webinar on February 26.

PROPOSED AGENDA
Highly Migratory Species Advisory Subpanel

Hilton Vancouver Washington
Discovery E
301 W. Sixth Street
Vancouver, WA 98660 USA
Phone: 360-993-4500

This meeting is open to the public and public comments will be accepted at the discretion of the Highly Migratory Species Advisory Subpanel (HMSAS) chair. Agenda times are approximate and are subject to change.

SATURDAY, MARCH 9, 2019

A. Call to Order

(8:00 a.m., 30 minutes)

1. Introductions
2. Approval of Agenda
3. Election of Officers

Joint Meeting with Highly Migratory Species Advisory Subpanel in Discovery E

B. Recommend International Management Activities (Agenda Item J.2)

(8:30 a.m., 2.5 hours)

1. North Pacific Albacore Management Strategy Evaluation
2. North Pacific Albacore Fishing Effort Characterization
3. Pacific Bluefin Tuna Management Strategy Evaluation

C. Navigating the Council

*Mike Burner, Kris Kleinschmidt
(11:00 a.m., 1 hour)*

D. Draft International Management Activities Report

(1:00 p.m., 3 hours)

E. Drift Gillnet Performance Metrics Review (Agenda Item J.3)

(4:00 p.m., 1 hour)

SUNDAY, MARCH 10, 2019

F. DSBG Exempted Fishing Permit (EFP) Applications (Report under Agenda Item C.5)

(8:00 a.m., 1 hour)

G. Pelagic Shallow-Set Longline Scoping

(9:00 a.m., 3 hours)

H. Review Deep-Set Buoy Gear (DSBG) Range of Alternatives

(1:00 p.m., 1 hour)

I. Finalize Reports

(2:00 p.m., 3 hours)

MONDAY, MARCH 11, 2019

J. Finalize Reports (cont.)

(8:00 a.m.)

HMS Items on Council Agenda ~ 9:00 a.m. ~ 2:00 p.m.

ADJOURN

PFMC
02/07/19

PROPOSED AGENDA
Highly Migratory Species Management Team

Hilton Vancouver Washington
Discovery D
301 W. Sixth Street
Vancouver, WA 98660 USA
Phone: 360-993-4500

This meeting is open to the public and public comments will be accepted at the discretion of the Highly Migratory Species Management Team (HMSMT) Chair. Agenda times are approximate and are subject to change.

SATURDAY, MARCH 9, 2019

A. Call to Order (8:00 a.m., 30 min.)

1. Introductions
2. Approval of Agenda
3. Election of Officers

Joint Meeting with Highly Migratory Species Advisory Subpanel (HMSAS) in Discovery E

B. Recommend International Management Activities (Agenda Item J.2) (8:30 a.m., 2.5 hours)

1. North Pacific Albacore Management Strategy Evaluation
2. North Pacific Albacore Fishing Effort Characterization
3. Pacific Bluefin Tuna Management Strategy Evaluation

C. Navigating the Council Mike Burner, Kris Kleinschmidt
(11:00 a.m., 1 hour)

D. Drift Gillnet Performance Metrics Review (Agenda Item J.3) (1:00 p.m., 3.5 hours)

SUNDAY, MARCH 10, 2019

E. Review Deep-Set Buoy Gear (DSBG) Range of Alternatives (8:00 a.m., 1 hour)

Joint meeting with the HMSAS in Discovery E

F. Pelagic Shallow-Set Longline Scoping (9:00 a.m., 3 hours)

G. DSBG Exempted Fishing Permit (EFP) Applications (Report under Agenda Item C.5)
(1:00 p.m., 1 hour)

H. Finalize Reports
(2:00 p.m., 3 hours)

MONDAY, MARCH 11, 2019

I. Finalize Reports (cont.)
(8:00 a.m.)

HMS Items on Council Agenda ~ 9:00 a.m. ~ 2:00 p.m.

J. HMSMT Procedures and Work Planning
(3:00 p.m., 1 hour)

K. SAFE Document Check-in
(4:00 p.m., 1 hour)

ADJOURN

PFMC
02/07/19

PROPOSED AGENDA
Salmon Advisory Subpanel

Pacific Fishery Management Council
Hilton Vancouver Hotel
Heritage E Room
301 West Sixth Street
Vancouver, WA 98660
Telephone: 360-993-4500
March 7-11, 2019

This is a work session for the primary purpose of reviewing items coming before the Pacific Fishery Management Council at their concurrent meeting. This is a public meeting and not a public hearing, therefore time for public comment may be provided at the discretion of the Salmon Advisory Subpanel (SAS) Chair.

THURSDAY, MARCH 7, 2019 - 8:00 AM

SAS Administrative Matters

Call to Order	
Roll Call, Introductions, Announcements, etc.	Butch Smith, Chair
Opening Remarks, COP 2, and Agenda Overview	Robin Ehlke
Approve Agenda	SAS
Elect Chair and Vice Chair	SAS
Assignments to Draft Potential Statements	Chair

Council Agenda Items for Review and Possible Comment

D. Salmon Management

1. National Marine Fisheries Service Report
(*Report to the Council Thursday morning*)
2. Review of Rebuilding plans
(*8:15 a.m. discussion with STT chair; Report to the Council Friday morning*)
3. Review of 2018 Fisheries & Summary of 2019 Stock Forecasts
(*3:00 p.m. discussion with STT chair; Report to the Council Friday morning*)
4. Identification of Management Objectives and Preliminary Definition of 2019 Salmon Management Alternatives
(*3:30 p.m. discussion with the STT chair; Report to the Council Friday afternoon*)

E. Ecosystem Management

1. California Current Ecosystem and Integrated Ecosystem Assessment Report
(*Report to the Council Thursday afternoon*)
2. Climate and Communities Initiative Update
(*Report to the Council Thursday afternoon*)

SAS Administrative Matters (continued)

Finalize Statements (E.1, E.2, and D.4)

FRIDAY, MARCH 8, 2019 - 8:00 AM

SAS Administrative Matters (continued)

Draft and Review Statements

Council Agenda Items for Review and Possible Comment

F. Habitat

1. Current Habitat Issues
(Report to the Council Saturday morning)

SAS Administrative Matters (continued)

Finalize Statements (Habitat)

SATURDAY, MARCH 9, 2019 - 8:00 AM

SAS Administrative Matters (continued)

Navigating the Council

(8:00 a.m. Mike Burner and Kris Kleinschmidt, with STT in Heritage E Room)

Council Agenda Items for Review and Possible Comment

D. Salmon Management (continued)

5. Recommendations for 2019 Management Alternative Analysis
(Report to the Council Saturday afternoon)

H. Pacific Halibut Management

1. Annual International Pacific Halibut Commission (IPHC) Meeting Report
(Report to the Council Sunday afternoon)
2. Incidental Catch Recommendations: Options for the Salmon Troll and Final Recommendations for Fixed Gear Sablefish Fisheries
(Report to the Council Sunday afternoon)

SAS Administrative Matters (continued)

Finalize Statements for H.1, H.2 (Halibut), and D.5 as needed

SUNDAY, MARCH 10, 2019 - 8:00 AM

Council Agenda Items for Review and Possible Comment

D. Salmon Management (continued)

6. Further Direction for 2019 Management Alternatives
(Report to the Council Sunday afternoon)

SAS Administrative Matters (continued)

Finalize Statement for D.6 as needed

MONDAY, MARCH 11, 2019 - 8:00 AM

SAS Open House

(10:30 a.m. SAS Chair Butch Smith to host)

Council Agenda Items for Review and Possible Comment

D. Salmon Management (continued)

7. Further Direction for 2019 Management Alternatives
(Report to the Council Monday afternoon)
8. Adopt 2019 Management Alternatives for Public Review
(Report to the Council Tuesday morning)
9. Appoint Salmon Hearings Officers
(Report to the Council Tuesday morning)

C. Council Administrative Matters (continued)

5. Future Council Meeting Agenda and Workload Planning
(Report to the Council Tuesday afternoon)

SAS Administrative Matters (continued)

Finalize Statements for D.7, D.8, D.9, and C.5 as needed

ADJOURN

PFMC

02/07/19

PROPOSED AGENDA
Scientific and Statistical Committee

Pacific Fishery Management Council
Hilton Vancouver Hotel
Hemlock Room
301 West Sixth Street
Vancouver, Washington 98660
Telephone: 360-993-4500

March 6-7, 2019

Scientific and Statistical Committee (SSC) meetings are open to the public, and public comments will be accepted during the scheduled public comment period. Public comment at times other than the established public comment period will be taken at the discretion of the SSC Chair.

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. A suggestion for the amount of time each agenda item should take is provided. All times are approximate and subject to change. At the time the agenda is approved, priorities can be set and these times revised. Discussion leaders should determine whether more or less time is required, and request the agenda be amended.

WEDNESDAY, MARCH 6, 2019 – 8 AM

A. Call to Order

1. Call to Order and Introductions John Field
2. Report of the Executive Director Chuck Tracy
3. Approve Agenda and November 2018 Minutes
4. Subcommittee Assignments - Current assignments are listed at the end of this agenda
5. Open Discussion and Future Meeting Planning
(8 a.m., 0.75 hours)

C. Council Administrative Matters

3. Membership Appointments and Council Operating Procedures (SSC Closed Session)
(8:45 a.m., 0.75 hours) *Report to Council on Thursday (Council Closed Session)*

E. Ecosystem Management

1. California Current Ecosystem and Integrated Ecosystem Assessment
Report and Science Review Topics Chris Harvey and Toby Garfield
(9:30 a.m., 2 hours; **Harte, Holland**) *Report to Council on Thursday*

LUNCH (11:30 a.m. – 12:45 p.m.)

2. Climate and Communities Initiative Update Yvonne de Reynier and Cyreis Schmitt
(12:45 p.m., 1 hour; **Tsou, Sharma**) *Report to Council on Thursday*

G. Groundfish Management

Determining a New Rockfish Steepness Prior Chantel Wetzel
(1:45 p.m., 1 hour; **Hamel, Shelton**) *Report to Council in April*

3. New Methodology Informing Sigma Values-
Final Adoption Chantel Wetzel and Kristin Privitera-Johnson
(2:45 p.m., 1 hour; **Punt, Sampson**) *Report to Council on Saturday*

BREAK (3:45-4 p.m.)

<p>PUBLIC COMMENT PERIOD 4 p.m. (or immediately following Agenda Item G.3) Public comments, including comments on issues <u>not</u> on the agenda, are accepted at this time.</p>
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A. SSC Administrative Matters, Continued

6. Review Statements
(Following public comment period)

THURSDAY, MARCH 7, 2019 – 8 AM

A. SSC Administrative Matters, Continued

7. Review Statements
(8 a.m., 1 hour)

D. Salmon Management

2. Review of Rebuilding Plans Salmon Technical Team
(9 a.m., 1 hour; **Speir, Byrne**) *Report to Council on Friday*

BREAK (10-10:15)

3. Review of 2018 Fisheries and Summary
of 2019 Stock Forecasts Salmon Technical Team
(10:15 a.m., 0.75 hours; **Johnson, Budrick**) *Report to Council on Friday*

K. Coastal Pelagic Species Management

1. Comments on Court Ordered Rulemaking on Harvest Specifications for the Central Subpopulation of Northern Anchovy
 - a. Review Approach for Computing F_{MSY} , B_{MSY} , and MSY for the Central Subpopulation of Northern Anchovy André Punt
(11 a.m., 1 hour; **Berger, Satterthwaite**) *Report to the Council on Monday*

LUNCH (12-1 p.m.)

K. Coastal Pelagic Species Management, Continued

1. Comments on Court Ordered Rulemaking on Harvest Specifications for the Central Subpopulation of Northern Anchovy
 - b. Preliminary Review of a Biomass Estimate for the Central Subpopulation of Northern Anchovy Gerard DiNardo
(1 p.m.; 1 hour; **Berger, Satterthwaite**) *Report to the Council on Monday*

C. Council Administrative Matters, Continued

5. Future Council Meeting Agenda and Workload Planning
(2 p.m., 1 hour; **Field**) *Report to Council on Tuesday*

BREAK (3-3:15 p.m.)

A. SSC Administrative Matters, Continued

8. Review Statements
(3:15 p.m.)

ADJOURN

SSC Subcommittee Assignments, November 2018

Salmon	Groundfish	Coastal Pelagic Species	Highly Migratory Species	Economics	Ecosystem-Based Management
Alan Byrne	David Sampson	André Punt	Aaron Berger	Cameron Speir	Dan Holland
John Budrick	Aaron Berger	Aaron Berger	John Field	Michael Harte	Evelyn Brown
Owen Hamel	John Budrick	Evelyn Brown	Michael Harte	Dan Holland	John Field
Michael Harte	John Field	John Budrick	Dan Holland	André Punt	Michael Harte
Galen Johnson	Owen Hamel	Alan Byrne	André Punt	David Sampson	Galen Johnson
Will Satterthwaite	Meisha Key	John Field	David Sampson		André Punt
Rishi Sharma	André Punt	Owen Hamel	Rishi Sharma		Will Satterthwaite
Ole Shelton	Rishi Sharma	Meisha Key			Ole Shelton
Cameron Speir	Tien-Shui Tsou	Will Satterthwaite			Cameron Speir
		Tien-Shui Tsou			Tien-Shui Tsou

Bold denotes Subcommittee Chairperson

PFMC
02/13/19

DRAFT SUMMARY MINUTES
Scientific and Statistical Committee

Pacific Fishery Management Council
San Diego Marriott Del Mar
Grand F/G Room
11966 El Camino Real
San Diego, CA 92130
Telephone: 858-523-1700

November 2-3, 2018

Members in Attendance

Dr. Aaron Berger, National Marine Fisheries Service Northwest Fisheries Science Center, Newport, OR
Dr. Evelyn Brown, Lummi Nation, Bellingham, WA
Dr. John Budrick, California Department of Fish and Wildlife, Belmont, CA
Mr. Alan Byrne, Idaho Department of Fish and Game, Boise, ID
Dr. John Field, SSC Chair, National Marine Fisheries Service Southwest Fisheries Science Center, Santa Cruz, CA
Dr. Owen Hamel, National Marine Fisheries Service Northwest Fisheries Science Center, Seattle, WA
Dr. Michael Harte, Oregon State University, Corvallis, OR
Dr. Dan Holland, National Marine Fisheries Service Northwest Fisheries Science Center, Seattle, WA
Dr. Galen Johnson, Northwest Indian Fisheries Commission, Olympia, WA
Ms. Meisha Key, Key Coaching and Development, Lake Oswego, OR
Dr. André Punt, University of Washington, Seattle, WA
Dr. David Sampson, Oregon Department of Fish and Wildlife, Newport, OR
Dr. William Satterthwaite, National Marine Fisheries Service Southwest Fisheries Science Center, Santa Cruz, CA
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

Dr. Rishi Sharma, National Marine Fisheries Service Northwest Fisheries Science Center, Seattle, WA

SSC Recusals for the November 2018 Meeting		
SSC Member	Issue	Reason
None.		

A. Call to Order-SSC Administrative Matters

John Field called the meeting to order at 0800. Chuck Tracy briefed the SSC on their agenda. John Field suggested some minor changes in the agenda order which were accepted by the SSC.

Dave Sampson provided a quick summary of yesterday’s meeting of the Groundfish and CPS Subcommittees regarding rockfish steepness and sigma for groundfish and CPS species. Some further analysis is needed and the subcommittees will need to meet in the next couple of months to do an early review of these additional analyses.

D. Salmon Management

2. Preliminary Rebuilding Plans

Drs. Robert Kope (Northwest Fisheries Science Center) and Michael O’Farrell (Southwest Fisheries Science Center), along with other members of the Salmon Technical Team (STT), joined the Scientific and Statistical Committee (SSC) to answer questions about the five draft salmon rebuilding plans (Agenda Item D.2, Attachments 1-5). The SSC recognizes the extensive work involved in producing five rebuilding plans in such a short period of time. The SSC appreciates the large amount of biological information presented about each of the stocks in Section 3. However, Section 3 lacked sufficient detail on the data sources and underlying analyses for the SSC to conduct a thorough technical review.

The SSC discussion focused on the projection of future abundance (Section 4 in each of the attachments). The projection models had no relationship between spawners, productivity, and recruitment, nor did models for Chinook salmon consider how cohorts propagate through the age structure. The SSC suggests that a potential improvement given time constraints would be using autocorrelated draws from an abundance distribution. Similarly, it may be beneficial to explore correlation between abundance and management error. The SSC appreciates the exploration of two different abundance distributions to explore different productivity regimes for some of the plans. The SSC recommends modifications to the model that consider the underlying biology, or more fully developed arguments for why the existing models are sufficiently informative without incorporating the underlying biology.

The SSC recommends that the plans could describe the relative influence of contributing factors to the current overfished status, as was done for the Strait of Juan de Fuca Natural Coho. The SSC concurs with the STT’s recommendations to involve the Habitat Committee in further evaluating the status of habitat, as many of the stocks met the criteria for overfished status due, in part, to environmental conditions beyond the purview of the Council.

The SSC recommends that the SSC Salmon Subcommittee review the rebuilding plans prior to the

March Council meeting. Ideally, this review would take place far enough in advance for the STT to take action on any subcommittee recommendations.

SSC Notes:

Is it possible to look at fishing alternatives in good and bad ocean regimes, to better look at how environment and fishing impacts interact?

VRAP framework not used to explore time required for rebuilding/limits on exploitation rates, and is an available tool NOAA uses to explore rebuilding exploitation rates for other analyses.

Include a paragraph acknowledging the economic/cultural importance of fishing to Tribal communities.

E. Coastal Pelagic Species Management

2. Methodology Review Preliminary Topic Selection

This agenda item was cancelled since no methodologies proposals were presented.

5. Review of Fishery Management Plan (FMP) Management Categories

The Scientific and Statistical Committee (SSC) was provided with a summary of the Coastal Pelagic Species Management Team (CPSMT) report on the quality and quantity of information used to determine whether CPS stocks are in the Active or Monitored categories ([Agenda Item E.5.a, CPSMT Report 1](#)).

The Categories specified in the Terms of Reference for groundfish and CPS stocks (1, 2, and 3) are used to set the sigma values based on the uncertainty of the associated stock assessments, and are based in part on the nature of the data on which the assessment is based. In contrast, the distinction between Active and Monitored for CPS stocks relates to assessment frequency, type of harvest control rule, and the perceived need for active management. This seems unnecessary given the overfishing limit (OFL), acceptable biological catch (ABC), and annual catch limit (ACL) structure which applies to all Council-managed stocks. Therefore, the SSC does not see the need for Active and Monitored Categories for CPS given that other fishery management plans (FMPs) operate without this structure.

The Active Category for CPS is similar to the way groundfish stocks are managed, in the sense that annual OFLs, ABCs, and ACLs are set for groundfish stocks every 2nd year based on the most recent assessments using OFL harvest control rules that differ among species groups (rockfish, flatfish, and roundfish). However, annual assessments are not conducted for groundfish stocks. Rather, groundfish stocks are selected for assessment based on the Council's stock prioritization approach. The OFLs, ABCs, and ACLs for data-poor groundfish stocks are usually unchanged from one management cycle to the next, similar to the situation for CPS stocks in the Monitored Category.

In contrast to CPS stocks in the Active Category, those in the Monitored Category are managed using default control rules and there is no regular review of OFLs and ABCs by the SSC.

If the Active and Monitored Categories are retained, the SSC supports the development of a set of review questions for Monitored stocks (draft given in Attachment 1 in [Agenda Item E.5.a, CPSMT Report 1](#)), which will provide a way to better document the review of the assignment of stocks to Categories (Active / Monitored). The SSC suggests that the review process would be more decisive if the questions were based on quantitative criteria. The SSC is willing to review proposals by the CPSMT for such criteria. In addition to tracking numerical values of the indicators that may be used by the CPSMT to assign CPS stocks to Categories, the CPMST should examine the technical basis and shortcomings of the indicators.

The SSC notes that the proposed review questions, as currently developed, do not lead to a decision or recommendation, such as whether the CPMST would recommend that a stock be moved from the Monitored to the Active Category. The SSC suggests that the review process be structured to lead to outcomes that can be used in the management process.

6. Stock Assessment Prioritization Process

The Scientific and Statistical Committee (SSC) reviewed the Coastal Pelagic Species Management Team (CPSMT) report “A Stock Assessment Prioritization Process for Coastal Pelagic Species.” Dr. Kevin Hill from the Southwest Fisheries Science gave an overview of the report.

The SSC agrees with the CPSMT that determining the prioritization of stock assessments among these five species can be achieved through a less formal examination of relevant information.

Rather than engaging in a formal prioritization exercise for coastal pelagic species, it would be beneficial in the short term to examine management tradeoffs associated with conducting an assessment of the central substock of northern anchovy (CSNA) relative to the benefits of carrying out new assessments of Pacific sardine and Pacific mackerel.

The SSC noted that sufficient data may exist to assess the CSNA even if the assessment is subject to considerable uncertainty. The scientific benefit of assessing the CSNA sooner rather than later may outweigh the benefits of waiting for additional data on the CSNA.

I. Council Administrative Matters

5. Future Council Agenda and Workload Planning

The Scientific and Statistical Committee (SSC) discussed future workload planning and has the following recommendations.

The SSC proposes a review by the Highly Migratory Species and Ecosystem subcommittees of an analyses of drivers of albacore distribution and availability to fisheries in the California Current. This review would be a half-day webinar in December or January. The SSC subcommittees would provide feedback similar to the regular review of CCIEA indicators that occurs during the September Ecosystem subcommittee meeting. The subcommittees will receive a report from the

CCIEA team for discussion at the webinar and report to the full SSC in March. The SSC will convey its recommendations in a statement to the Council in March.

The SSC proposes a review by the Salmon Subcommittee of the final rebuilding plans for five salmon stocks. The SSC recommends that this review occur in January, to allow the Salmon Technical Team (STT) to incorporate feedback prior to the March briefing book deadline.

The SSC recommends that revisions to the Accepted Practices Guidelines for Groundfish Stock Assessments be discussed by the Groundfish Subcommittee by webinar on December 19. The SSC proposes a two-and-a-half day Groundfish Subcommittee meeting in January in Seattle. The agenda for this meeting would be the skate catch reconstruction for the 2019 assessments, finalizing the accepted practices guidelines, and finalizing the report on Review of Proposed Sigma Methodologies and the Rockfish Steepness Prior. Members of the CPS subcommittee will participate remotely in the discussion of sigma.

The SSC recommends that the Council consider the new sigmas for adoption at the March Council meeting. The SSC recommends that the Council review science reports with the skate catch reconstruction and the Accepted Practices Guidelines for Groundfish Stock Assessments at the April Council meeting.

SSC Notes:

Drivers of albacore distribution, HMS and Ecosystem subcommittees

- *This analysis was initially proposed to be reviewed in March of 2018, but was not included in the September review as there was a desire to include both the HMS and Ecosystem Subcommittees of the SSC in the review, the need for this review was also mentioned in the September 2018 SSC statement on future meeting planning.*
- *Webinar needs to be scheduled prior to March briefing book deadline (mid-February). Need to work around catch reconstruction.*
- *Webinar should take no more than 3 hours.*
- *Dr. Barbara Muhling is expected to lead the analysis and will be contacted regarding the report and webinar.*

Review of salmon rebuilding plans, Salmon SC

- *The SSC would prefer that this meeting be an in person meeting, but will defer to the availability of the STT if their schedules can only allow for a webinar.*
- *Given that the STT must also prepare Preseason reports during this time, an alternative is for the Salmon subcommittee to review the final rebuilding plans on March 5.*

J. Highly Migratory Species Management

3. Biennial Harvest Specifications and Management Measures – Preliminary Action

In September, the Council tasked the Scientific and Statistical Committee (SSC) with reviewing the suitability of the estimates and selected proxies for the status determination criteria used for highly migratory species (HMS). Members from the SSC's Highly Migratory Species

Subcommittee (HMSS), prior to the full SSC review, attempted to confirm the reference points and current status for most of the stocks listed in Tables 13-2 (overfishing status) and 13-3 (overfished status) of the report “Excerpted Review Draft from Status of the U.S. West Coast Fisheries for Highly Migratory Species through 2018” ([Agenda Item J.3.a, HMSMT Report 1](#)). Dr. Aaron Berger (SSC HMSS Chair) presented findings from the HMSS review to the full SSC. Ms. Sarah Shoffler (Southwest Fisheries Science Center (SWFSC)), Ms. Amber Rhodes (West Coast Region (WCR)), and Dr. Kit Dahl (Council staff) were at the presentation and provided comments and answered questions.

The HMS stock assessment reports, which are produced by three regional fishery management organizations, do not follow a standard template for reporting information and do not always report all the information needed to evaluate status based on the status determination criteria in the HMS Fishery Management Plan. For example, benchmark values reported in the assessment documents for some stocks were based on estimates averaged over a set of recent years instead of just the last year. For other stocks there were issues regarding the calculation of the minimum stock size threshold (MSST) because the MSST is calculated using a single value for the rate of natural mortality (M) whereas the assessments for these stocks used age-dependent values for M. Nonetheless, for most stocks, the HMSS review was able to confirm the values presented in Tables 13-2 and 13-3. The discrepancies that were identified by the HMSS were generally small and none of them seemed likely to impact the status determinations.

The SSC recommends that the Council request that SWFSC and WCR staff provide detailed descriptions of the data interpretation and technical steps used for calculating the HMS status determination criteria. If such information was available, the SSC would be willing to evaluate the process, recommend alterations (if any are needed) and thereby avoid future discrepancies in how to apply the HMS status determination criteria. It should not be necessary for the SSC to routinely review the HMS status determinations.

SSC Notes:

- *Aaron will formally communicate the discrepancies identified by the HMSS to Sarah Shoffler, Amber Rhodes, and Kit Dahl.*
- *Summary tables (e.g., Table 13-2) should include a column indicating the last year for which the assessment was informed by data.*
- *It might be possible to get the Stock Synthesis (SS) coding team to modify the SS software to produce the needed status determination values as part of the routine output from SS.*
- *The stock assessments in Tables 13-2 and 13-3 that were not reviewed were skipjack tuna in the EPO for 2017 and 2018 and bigeye tuna in the EPO for 2018. This omission was at the request of the HMSMT because of issues with these stock assessments.*

A. SSC Administrative Matters

8. Planning for April Reports and Recommendations for the Central Subpopulation of Northern Anchovy

SSC Notes:

Schedule a call with Gerard and SSC CPS subcommittee ASAP

A task list was provided by Kerry Griffin, and the SSC was asked to discuss progress and future resolution on items 6-8.

<p>6. Determine a method to estimate the nearshore component of the central subpopulation of Northern Anchovy (CSNA) stock not sampled by the Acoustic Trawl Methodology and determine whether the extent of this estimate, if it is an extrapolation of offshore transect lines, is too large for the resulting value to be reliable for use in management.</p>
<p>7. Determine the timeline and process necessary to conduct the near-term establishment of an OFL for the CSNA stock using the methods described in the SSC report (Agenda Item C.4.a, Supplemental SSC Report 1).</p>
<p>8. Scope the process for recommending the frequency of revisions to OFLs and ABCs based on the potential impacts of changing reference points less frequently against potentially increased risk associated with not basing reference points on the most recent data.</p>

The exact language from April 2018 – Council decisions

The Council directed the Scientific and Statistical Committee (SSC) to work with the NMFS Southwest Fisheries Science Center (SWFSC) on a method to estimate the nearshore portion of the central subpopulation of northern anchovy (CSNA) stock that is not accounted for in the Acoustic Trawl Method (ATM) survey, to develop a timeline and process to establish an overfishing limit (OFL) for CSNA using methods described in the supplemental SSC Report, and to establish a process for evaluating the potential impacts of infrequent changes to reference points against the risk of changing reference points in the absence of new data. The Council directed the SSC to report the results and any additional recommendations on management metrics at the April 2019 Council meeting.

No SWFSC analysts were in attendance to answer questions. Dale Sweetnam relayed information that a daily egg production method (DEPM) estimate of spawning biomass has been established. Gerard will present information to the Council tomorrow.

Tasks 7&8 rely completely on item #6. To date, the SSC has not received, nor reviewed a method to calculate an estimate of nearshore biomass. [Not sure if the SWFSC has even requested assistance from SSC to help develop a method?] Andre Punt is the lead on 7&8 once #6 has been completed. The current OFL is based on Conrad 1991, and SSC members (Owen/Andre) have not been successful in duplicating this value.

Need current biomass estimate to be reviewed, then need to review F_{MSY} update (like MSST report) by the CPS Subcommittee.

Most current nearshore aerial survey data is from October 2018 (K. Lynn).

SSC Subcommittee Assignments, November 2018

Salmon	Groundfish	Coastal Pelagic Species	Highly Migratory Species	Economics	Ecosystem-Based Management
Alan Byrne	David Sampson	André Punt	Aaron Berger	Cameron Speir	Dan Holland
John Budrick	Aaron Berger	Aaron Berger	John Field	Michael Harte	Evelyn Brown
Owen Hamel	John Budrick	Evelyn Brown	Michael Harte	Dan Holland	John Field
Michael Harte	John Field	John Budrick	Dan Holland	André Punt	Michael Harte
Galen Johnson	Owen Hamel	Alan Byrne	André Punt	David Sampson	Galen Johnson
Will Satterthwaite	Meisha Key	John Field	David Sampson		André Punt
Rishi Sharma	André Punt	Owen Hamel	Rishi Sharma		Will Satterthwaite
Ole Shelton	Rishi Sharma	Meisha Key			Ole Shelton
Cameron Speir	Tien-Shui Tsou	Will Satterthwaite			Cameron Speir
		Tien-Shui Tsou			Tien-Shui Tsou

Bold denotes Subcommittee Chairperson

Council Meeting Dates	Location	Likely SSC Mtg Dates	Major Topics
<p>March 5-12, 2019 Proposed Subcommittees may meet Tue, March 5 Advisory Bodies may begin Wed, March 6 Council Session may begin Thur, March 7</p>	<p>Hilton Vancouver Washington 301 W. Sixth Street Vancouver, WA 98660 USA Phone: 360-993-4500</p>	<p>Half-day CPS Subcm Session Tue, Mar 5 Cancelled Two-day SSC Session Wed, Mar 6 – Thu, Mar 7</p>	<p>Identify Salmon Management Objectives (possible test fishery alternatives) Salmon Review/Pre I Salmon Rebuilding Plans CA Current IEA Report Climate and Communities Initiative Identify New FEP Initiatives</p>
<p>April 9-16, 2019 Proposed Subcommittees may meet Apr 9 Advisory Bodies may begin Wed, Apr 10 Council Session may begin Thur, Apr 11</p>	<p>DoubleTree by Hilton Sonoma One Doubletree Drive Rohnert Park, CA 94928 Phone: 707-584-5466</p>	<p>Two-day SSC Session Wed, Apr 10 – Thu, Apr 11</p>	<p>Pacific Sardine Assessment and Management Measures CPS Methodology Review Topic Selection Groundfish Science Improvement WS Reports Salmon Methodology Review Topic Selection Sablefish MSE Scoping</p>
<p>June 18-25, 2019 Proposed Subcommittees may meet Tues, June 18 Advisory Bodies may begin Wed, June 19 Council Session may begin Thur, June 20</p>	<p>DoubleTree by Hilton San Diego – Mission Valley 7450 Hazard Center Drive San Diego, CA 92108 Phone: 619-297-5466</p>	<p>One-day Groundfish Subcm Session Tue, June 18 Two-day SSC Session Wed, June 19 – Thu, June 20</p>	<p>Pacific Mackerel Assessment and Management Measures CPS Stock Prioritization Groundfish Cabezon and Update Assessments & Yelloweye Catch Report 2021-2022 Groundfish Spex Planning</p>

<p>September 11-18, 2019 Proposed Subcommittees may meet Wed, Sept 11 Advisory Bodies may begin Thur, Sept 12 Council Session may begin Fri, Sept 13</p>	<p><u>The Riverside Hotel</u> <u>2900 Chinden Blvd</u> <u>Boise, ID 83714</u> <u>Phone: 208-343-1871</u></p>	<p>One-day Ecosystem Subcm Session Wed, Sep 11 Two-day SSC Session Thu, Sep 12 – Fri, Sep 13</p>	<p>Groundfish Assessments Review 2021-2022 Groundfish Spex Groundfish Stock Assessment Methodology Review Topic Selection Off-year Science Improvements Salmon Methodology Topic Priorities</p>
<p>November 13-20, 2019 Proposed Subcommittees may meet Wed, Nov 13 Advisory Bodies may begin Thur, Nov 14 Council Session may begin Fri, Nov 15</p>	<p><u>Hilton Orange County/Costa Mesa</u> <u>3050 Bristol Street</u> <u>Costa Mesa, CA 92626</u> <u>Phone: 714-540-7000</u></p>	<p>Two-day SSC Session Thu, Nov 14 – Fri, Nov 15</p>	<p>CPS Methodology Topic Selection CPS SAFE Groundfish Stock Assessments & Cowcod Rebuilding Analysis (if needed) 2021-2022 Groundfish Spex Groundfish Stock Assessment Methodology Topic Priorities Salmon Methodology Review</p>

Proposed Workshops and SSC Subcommittee Meetings for 2018 and 2019

Workshop/Meeting		Potential Dates	Sponsor/ Tentative Location	SSC Reps.	Additional Reviewers	AB Reps.	Council Staff
1	Review Analyses of Drivers of Albacore Distribution and Availability to Fisheries in the California Current	Dec.- Jan. - TBD	Council/ Portland, OR/ webinar (3 hrs.)	HMS & Ecosystem Subcommittees	TBD	None	Dahl DeVore
2	Cabezon Pre-Assessment Workshop	Dec. 14 (10 a.m. – noon)	Council/ Portland, OR; Seattle, WA; Newport, OR/ webinar (2 hrs.)	Sharma & Interested GF Subcommittee members	None	GMT GAP	DeVore
2	Review of Accepted Practices Guidelines for Groundfish Stock Assessments	Dec. 19 (9 a.m.-1 p.m.)	Council/ Portland, OR/ webinar	GF Subcommittee	None	None	DeVore
3	Review of Historical Catch Reconstructions of Skate Species and Other Skate Data Issues/ Finalize Accepted Practices Guidelines	Jan. 22-24, 2019 –Cancelled	Council/ Seattle, WA	GF Subcommittee	TBD	Doerpinghaus (GMT) Richter (GAP)	DeVore
4	Review of Nearshore ROV Survey Designs and Methodologies	Feb. 12-14, 2019 Cancelled	Council/ Santa Cruz, CA	Hamel (Chair), Shelton, Tsou, Sharma (?), Field	CIE	None	DeVore
5	Pacific Sardine Update Assessment Review	Mar. 5, 2019 (1 p.m. start) Cancelled	Council/ Vancouver, WA	CPS Subcommittee	None	CPSMT CPSAS	Griffin

Proposed Workshops and SSC Subcommittee Meetings for 2018 and 2019

Workshop/Meeting		Potential Dates	Sponsor/ Tentative Location	SSC Reps.	Additional Reviewers	AB Reps.	Council Staff
6	Pre-Assessment Workshop for 2019 Groundfish Assessments (Except Cabezon)	Mar. 25-27	Council/ Portland, OR; Seattle, WA; Newport, OR (?)/ webinar (2 hrs.)	STAR Chairs & Interested GF Subcommittee members	None	GMT GAP	DeVore
7	Pacific Mackerel STAR Panel	Apr. 22 – 26, 2019	Council/ La Jolla, CA	Punt (Chair), Hamel, Satterthwaite (?), Budrick (?)	CIE	CPSMT CPSAS	Griffin
8	Cabezon STAR Panel	May 6-10, 2019	Council/ Newport, OR	Sharma (Chair), Shelton (?)	CIE	Mirick (GMT) Richter (GAP)	DeVore
9	Longnose and Big Skates STAR Panel	June 3-7, 2019	Council/ Seattle, WA	Sampson (Chair)	CIE Dorn	Doerpinghaus (GMT) Richter (GAP)	DeVore
10	SSC Cabezon and Update Assessments Review	June 18, 2019	Council/ San Diego, CA	GF Subcommittee	NA	Doerpinghaus (GMT) Richter (GAP)	DeVore
11	Sablefish STAR Panel	July 8-12, 2019	Council/ Seattle, WA	Field (Chair)	CIE	Mirick (GMT) Richter (GAP)	DeVore
12	Gopher/Black-and- Yellow RF and Cowcod STAR Panel	July 22-26, 2019	Council/ Santa Cruz, CA	Hamel (Chair), Satterthwaite	CIE	Mandrup (GMT) Richter (GAP)	DeVore

Proposed Workshops and SSC Subcommittee Meetings for 2018 and 2019

Workshop/Meeting		Potential Dates	Sponsor/ Tentative Location	SSC Reps.	Additional Reviewers	AB Reps.	Council Staff
13	Review of STAR Panel Reviews to Develop the Mop-Up Review, if needed	Aug. 20, 2019	Council/ Portland, OR/ webinar	GF Subcommittee	NA	GMT GAP	DeVore
14	Groundfish Mop-Up Review Panel, if needed	Sep. 30 – Oct. 4, 2019	Council/ Seattle, WA	GF Subcommittee members	CIE	GMT GAP	DeVore
15	Data-Limited Methodology Workshop	2020 - TBD	Council/ TBD	GF & CPS Subcommittee members	TBD	TBD	DeVore

PFMC
02/05/19

PROPOSED AGENDA Salmon Technical Team

Pacific Fishery Management Council
Hilton Vancouver Hotel
Heritage C Room
301 West Sixth Street
Vancouver, WA 98660
Telephone: 360-993-4500
March 7-11, 2019

This is a work session for the primary purpose of reviewing items coming before the Pacific Fishery Management Council at their concurrent meeting. This is a public meeting and not a public hearing, therefore time for public comment may be provided at the discretion of the Salmon Technical Team (STT) Chair.

THURSDAY, MARCH 7, 2019 - 8:00 AM

STT Administrative Matters

Call to Order

Roll Call, Introductions, Announcements, etc.

Opening Remarks, COP 3, and Agenda Overview

Approve Agenda

Mike O'Farrell, Chair

Robin Ehlke

STT

Council Agenda Items for Review and Possible Comment

D. Salmon Management

1. National Marine Fisheries Service Report
(Report to the Council Thursday morning)
2. Review of Rebuilding Plans
(8:15 a.m. discussion with SAS; 9:00 a.m. discussion with SSC; report to the Council Friday morning)
3. Review of 2018 Fisheries & Summary of 2019 Stock Forecasts
(11:00 a.m. discussion with SSC; 3:00 p.m. discussion with SAS, Report to the Council Friday morning)
4. Identification of Management Objectives and Preliminary Definition of 2019 Salmon Management Alternatives
(3:30 p.m. discussion with SAS; Report to the Council Friday afternoon)

E. Ecosystem Management

1. California Current Ecosystem and Integrated Ecosystem Assessment Report
(Report to the Council Thursday afternoon)
2. Climate and Communities Initiative Update
(Report to the Council Thursday afternoon)

STT Administrative Matters (continued)

Review and Finalize Statements for D.2, D.3 and D.4

FRIDAY, MARCH 8, 2019 - 8:00 AM

Council Agenda Items for Review and Possible Comment

D. Salmon Management (continued)

5. Recommendations for 2019 Management Alternative Analysis
(Report to the Council Saturday afternoon)

SATURDAY, MARCH 9, 2019 - 8:00 AM

STT Administrative Matters (continued)

Navigating the Council

(8:00 a.m. Mike Burner and Kris Kleinschmidt, with SAS in Heritage E Room)

Finalize Statement for D.5 as needed

SUNDAY, MARCH 10, 2019 - 8:00 AM

STT Administrative Matters (continued)

Review Statements

Council Agenda Items for Review and Possible Comment

D. Salmon Management (continued)

6. Further Direction for 2019 Management Alternatives
(Report to the Council Sunday afternoon)

STT Administrative Matters (continued)

Finalize Statement for D.6 as needed

MONDAY, MARCH 11, 2019 - 8:00 AM

Council Agenda Items for Review and Possible Comment

D. Salmon Management (continued)

7. Further Direction for 2019 Management Alternatives
(Report to the Council Monday afternoon)
8. Adopt 2019 Management Alternatives for Public Review
(Report to the Council Tuesday morning)
9. Appoint Salmon Hearings Officers
(Report to the Council Tuesday morning)

C. Administrative Matters

5. Future Council Meeting Agenda and Workload Planning
(Report to the Council Tuesday afternoon)

STT Administrative Matters (continued)

Finalize Statements for D.7, D.8, D.9, and C.5 as needed

ADJOURN

PFMC

02/07/19