

**PROPOSED AGENDA**  
**Budget Committee**

Pacific Fishery Management Council  
Hilton Orange County/Costa Mesa  
Balboa II Room  
3050 Bristol Street  
Costa Mesa, CA 92626  
Phone: 714-540-7000  
November 13, 2014

THURSDAY, NOVEMBER 13, 2013 – 2:30 PM

**A. *Call to Order and Approval of Agenda*** Dave Ortmann, Chair

**B. *Executive Director's Budget Report*** Donald McIsaac

1. Current Status of CY 2014 Funding (Attachment 1)
2. CY 2014 Operational Budget and Expenditures through September (Attachment 2)
3. Potential Funding and Provisional CY 2015 Budget (Supplemental Presentation)

**C. *Additional Matters*** Dave Ortmann, Chair

**D. *Budget Committee Actions and Recommendations*** Dave Ortmann, Chair

ADJOURN

PFMC  
10/24/14

**PROPOSED AGENDA**  
**Coastal Pelagic Species Advisory Subpanel**  
Pacific Fishery Management Council Meeting  
Hilton Orange County/Costa Mesa  
Balboa I  
3050 Bristol Street  
Costa Mesa, California 92626  
November 14, 2013

*This meeting of the Coastal Pelagic Species Advisory Subpanel (CPSAS) begins at 8:00 a.m., Friday, November 14. It will be held in conjunction with the November Pacific Fishery Management Council meeting. There will be an opportunity for public comment, at the discretion of the Coastal Pelagic Species Management Team Co-Chairs.*

FRIDAY NOVEMBER 14, 2014 – 8:00 AM

- A. Call to order, Introductions, Approve Agenda, Assign rapporteurs** Mike Okoniewski  
(8:00 a.m., 0.5 hour) Diane Pleschner-Steele  
Kerry Griffin
- B. Elections** Kerry Griffin  
(8:30 a.m., 0.5 hours)
- C. Pacific Sardine Harvest Fraction** Lorna Wargo  
(9:00 a.m., 1 hour) – (attend SSC meeting in Emerald Bay II)
- D. Pacific Sardine Harvest Fraction, continued (Balboa I)** Lorna Wargo  
(10:00 a.m., 2 hours) – Report to Council; E.2

LUNCH

- E. Review and Finalize Pacific Sardine Harvest Fraction Report** All  
(1:00 p.m., 1 hour)
- F. Forage Fish Initiative** Diane Pleschner- Steele  
(2:00 p.m., 0.5 hours) – Discussion only
- G. NMFS Strategic Plan** Jennifer Ise  
(2:30 p.m., 0.5 hours) – Report to Council, C.5

BREAK

- H. Methodology Reviews and Exempted Fishing Permits (if necessary)** Kerry Griffin  
(3:30 p.m., 0.5 hours) – Report to Council: E.3 and E.4

**I. *Electronic Technology Implementation Plan***  
*(4:00 p.m., 0.5 hours) – Report to Council; C.4*

Steve Freese

**J. *Future Meeting Planning***  
*(4:30 p.m., 0.5 hours)*

Mike Okoniewski  
Diane Pleschner-Steele

**K. *Public Comment and Wrap-up***  
*(5:00 p.m., 0.5 hours)*

Mike Okoniewski  
Diane Pleschner-Steele

PFMC  
10/24/14

**PROPOSED AGENDA**  
**Enforcement Consultants**  
Pacific Fishery Management Council  
Hilton Orange County/Costa Mesa Hotel  
Newport Beach 3  
3050 Bristol Street  
Costa Mesa, CA 92626  
Telephone: 714-540-7000  
November 15-18, 2014

SATURDAY, NOVEMBER 15, 2014 – 3:00 PM

**A. Call to Order**

Dan Chadwick, 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.

C. Administrative Matters

C.4 Electronic Technology Plan

**Council Action:** Consider Adoption of Electronic Technology Plan, and Provide Guidance of Further Development and Implementation

C.5 National Marine Fisheries Service West Coast Region Strategic Plan

**Council Action:** Consider National Marine Fisheries Service Strategic Plan and Provide Guidance as Necessary

C.9 Future Council Meeting Agenda and Workload Planning

**Council:** Discussion and Guidance on Future Meeting Agenda and Workload Planning

G. Pacific Halibut Management

G.1 2015 Pacific Halibut Catch Sharing Plan and Regulations

**Council Action:** Adopt Final Changes to the 2015 Pacific Halibut Catch Sharing Plan and Annual Fishery Regulations

I. Highly Migratory Species Management

I.2 International Activities

**Council Action:** Consider Reports on the October 27-30 Inter-American Tropical Tuna Commission Meeting and Adopt Recommendations for U.S. Delegations to the 11<sup>th</sup> Regular Session of the Western and Central Pacific Fisheries Commission as Appropriate

I.3 Bluefin Tuna Management Measures Final Action for 2015-2016 Fisheries  
**Council Action:** Adopt Final Preferred Alternatives for Bluefin Tuna Management Measures for 2015-2016 Fisheries

I.4 Drift Gillnet Hard Caps and Other Priorities for 2015-2016 Fisheries  
**Council Action:** Consider Associated Workload and Scheduling Issues for Drift Gillnet Hard Caps and Other Adopted Priority Issues as Necessary

J. Groundfish Management

J.4 Groundfish Management Ongoing Rulemaking  
**Council Action:** Consider Action and Additional Guidance for Issues Related to Rulemaking, as Necessary

J.7 Reconsideration of Open Access Registration Under Amendment 22  
**Council Action:** Consider Final Action to Rescind or Revise Council Action of Open Access Registration under Amendment 22

J.8 Consideration of Inseason Adjustments  
**Council Action:** Adopt Recommendations for Adjustments to 2014 and 2015 Groundfish Fisheries

**C. Other Topics**

1. Enforcement Presentations at Future Council Meetings
2. Items for Enforcement Corner of the Council Newsletter
3. Other

**D. Public Comment**

SUNDAY, NOVEMBER 16, 2014 THROUGH TUESDAY, NOVEMBER 18, 2014

**Meeting continues as necessary.**

ADJOURN

PFMC  
10/17/14

**PROPOSED AGENDA**  
**Groundfish Advisory Subpanel**

Pacific Fishery Management Council  
Hilton Orange County/Costa Mesa Hotel  
Laguna Beach 1&2  
3050 Bristol Street  
Costa Mesa, CA 92626  
Telephone: 714-540-7000

*Please Note: Dates and times on this agenda are subject to change once the meeting begins. Public comment will be taken at the discretion of the GAP Chair.*

SATURDAY, NOVEMBER 15, 2014 – 1 PM

***GAP Administrative Matters***

1. Roll Call, Introductions, Announcements, etc.
2. Opening Remarks and Agenda Overview
3. Approve Agenda

Tommy Ancona, Chair  
Brett Wiedoff/John DeVore

***C. Administrative Matters***

2. Recreational Fisheries Policy Update  
(1:30 p.m.; 45 min; **Joint session with the GMT, Report to the Council on Saturday, November 15**)

Craig Heberer

***G. Pacific Halibut***

1. 2015 Pacific Halibut Catch Sharing Plan and Regulations  
Sarah Williams, Lynn Mattes, Heather Reed, Deb Wilson-Vandenberg  
(2 p.m.; 1 hr; Report to Council Sunday, November 16)

SUNDAY, NOVEMBER 16, 2014 – 8 AM

***GAP Administrative Matters (continued)***

4. Draft and Review Statements (8 a.m.; 1 hr)

***C. Administrative Matters***

4. Electronic Technology Plan  
(9 a.m.; 30 min; Report to the Council on Sunday, November 16)

Steve Freese

***J. Groundfish***

2. Widow Rockfish Reallocation and Divestiture Issues Jim Seger/Colby Brady  
(9:30 a.m.; 3.5 hr; Report to Council Tuesday, November 18)
3. Initial Consideration of Blackgill Rockfish Reallocation John DeVore/Bob Leos  
(2 p.m.; 2.5 hr; Report to Council Tuesday, November 18)
8. Consideration of Inseason Adjustments Dan Erickson  
(4:30 p.m.; 1 hr; **Joint Session with GMT**; Report to Council Wednesday, November 19)

**MONDAY, NOVEMBER 17, 2014 – 8 AM**

***GAP Administrative Matters (continued)***

5. Draft and Review Statements (8 a.m.; 1 hr)

***J. Groundfish***

4. Economic Data Collection Program Report on Fishery Status and Overview on Social Science Research Todd Lee, Erin Steiner, Suzanne Russell  
(9 a.m.; 1.5 hr; Report to Council Tuesday, November 18)
6. Methodology Review Process COP John DeVore  
(10:30 a.m.; 1 hr; Report to Council Tuesday, November 18)
7. Reconsideration of Open Access Registration Under Amendment 22 John DeVore  
(11:30 a.m.; 30 min; Report to Council Tuesday, November 18)
4. Groundfish Management Ongoing Rule Making Jim Seger and John DeVore  
(1 p.m.; 1 hr; Report to Council Tuesday, November 18)
1. NMFS Report NMFS  
(2 pm; 30 min; Report to Council Tuesday, November 18)

***GAP Administrative Matters (continued)***

6. Vessel Movement Monitoring Dayna Mathews  
(2:30 pm; 2 hr; No Report to Council)

**TUESDAY, NOVEMBER 18, 2014 – 8 AM**

***GAP Administrative Matters (continued)***

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

***C. Administrative Matters***

5. National Marine Fisheries Service West Coast Region Strategic Plan                      Jennifer Ise  
*(8:30 a.m.; 1 hr; Report to the Council on Wednesday, November 19)*
9. Future Council Meeting Agenda and Workload Planning  
*(9:30 a.m.; Report to Council Wednesday, November 19)*

***GAP Administrative Matters (continued)***

8. Ocean Energy Update from Bureau of Ocean Energy Management                      Donna Schroeder  
*(1 p.m.; 1hr; No Report to the Council)*

ADJOURN

PFMC  
10/24/14



**PROPOSED AGENDA**  
**Groundfish Management Team**

Pacific Fishery Management Council  
Hilton Orange County/Costa Mesa Hotel  
Laguna Beach 3  
3050 Bristol Street  
Costa Mesa, California 92626  
Telephone: 714-540-7000

*Please Note: Dates and times on this agenda are subject to change once the meeting begins. Public comment will be taken at the discretion of the GMT Chair.*

SATURDAY, NOVEMBER 15, 2014 – 1 PM

***GMT Administrative Matters***

1. Roll Call, Introductions, Announcements, etc. Dan Erickson, Chair
2. Opening Remarks and Agenda Overview Kelly Ames
3. Approve Agenda

***C. Administrative Matters***

2. Recreational Fisheries Policy Update Craig Heberer  
(1:30 p.m.; Joint session with the GAP, Report to the Council on Saturday, November 15)

***H. Ecosystem Management***

1. Report on the Atlantis Model Review Isaac Kaplan  
(2:30 p.m.; Report to the Council on Sunday, November 16)

***C. Administrative Matters***

4. Electronic Technology Plan Final Action Steve Freese  
(3:30 p.m.; Report to the Council on Sunday, November 16)

***J. Groundfish Management***

2. Widow Rockfish Reallocation and Divestiture Issues Jim Seger and Colby Brady  
(4 p.m.; Report to the Council on Tuesday, November 18)

SUNDAY, NOVEMBER 16, 2014 – 8 AM

**GMT Administrative Matters (continued)**

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

**J. Groundfish Management**

8. Consideration of Inseason Adjustments  
(9:00 a.m.; Report to Council Wednesday, November 19) Dan Erickson
3. Consideration of Initial Blackgill Rockfish Reallocation  
(10 a.m.; Report to the Council on Tuesday, November 18) John DeVore
2. Widow Rockfish Reallocation and Divestiture Issues (continued)  
(1 p.m.)
4. Comments on Ongoing Rulemaking Jim Seger and John DeVore  
(3 p.m.; Report to the Council on Tuesday, November 18)
8. Consideration of Inseason Adjustments Dan Erickson  
(4:30 p.m.; Joint Session with GAP)

MONDAY, NOVEMBER 17, 2014 – 8 AM

**GMT Administrative Matters (continued)**

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

**J. Groundfish**

6. Methodology Review Process Council Operating Procedure John DeVore  
(9 a.m.; Report to Council Tuesday, November 18)
5. Economic Data Collection Program Report on Fishery Status and Overview on  
Social Science Research Todd Lee, Erin Steiner, Suzanne Russell  
(11 a.m.; Report to Council Tuesday, November 18)
7. Reconsideration of Open Access Registration Amendment 22 John DeVore  
(1:30 p.m.; Report to Council Tuesday, November 18)

**GMT Administrative Matters (continued)**

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

TUESDAY, NOVEMBER 18, 2014 – 8 AM

***GMT Administrative Matters (continued)***

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

***C. Administrative Matters (continued)***

5. National Marine Fisheries Service West Coast Region Strategic Plan Jennifer Ise´  
(1 p.m.; Report to the Council on Wednesday, November 19)
9. Future Council Meeting Agenda and Workload Planning  
(2 p.m.; Report to the Council on Wednesday, November 19)

***Informational Reports***

1. Vessel Movement Monitoring Dayna Matthews  
(4 p.m.; No Report to the Council)

ADJOURN

PFMC  
10/21/14

## PROPOSED AGENDA

### Habitat Committee

Hilton Orange County/Costa Mesa  
Emerald Bay 1 Room  
3050 Bristol Street  
Costa Mesa, CA 92626  
Phone: 714-540-7000  
November 13, 2014

*Process notes: Numbering reflects the Council agenda. Starred\* items appear on the Council agenda. Joel Kawahara will be Chair for this meeting and Fran Recht will act as timekeeper.*

**NOTE: Public comment on agenda items will be taken during that agenda item.**

THURSDAY, NOVEMBER 13, 2014

- A. Call to Order and Habitat Administrative Matters** 8:30 a.m.
1. Introductions and Approval of Agenda **Joel Kawahara**
- D. Habitat Matters**
1. California Water Conditions Briefing **Eric Wilkins, Mike Orcutt** 8:45 a.m.  
*Notes: John Stadler*
- F. Salmon Management**
4. Lower Columbia Coho Harvest Matrix\* **TBA** 9:15 a.m.  
*Notes: Doug DeHart*
- D. Habitat Matters**
2. New Techniques in Mapping Fish Abundance **Jim Thorson** 10:00 a.m.  
*Notes: Jennifer Quan*
- BREAK** 10:45 a.m.
- H. Ecosystem Management**
1. Atlantis Model Review Report **Correigh Greene** 11:00 a.m.  
*Notes: Lisa Wooninck*
- LUNCH BREAK** 11:45 a.m.
- D. Habitat Matters**
3. California Desalination Policy **Mariela de la Paz** 1:15 p.m.  
*Notes: Correigh Greene*

4. Ocean Energy Update from Bureau of Ocean Energy Management **Donna Schroeder** 2:15 p.m.  
*Notes: Arlene Merems*

5. Council Staff Report (Ocean Tech Conference, Federal Legislation, etc.) **Jennifer Gilden** 3:15 p.m.  
*Notes: Eric Wilkins*

**A. Habitat Administrative Matters** 3:30 p.m.

2. Other Urgent Issues for Council Attention
3. March Habitat Committee Agenda
4. Comments/Questions on Habitat Committee Structure/Function (if any)
5. Finalize Reports

PFMC  
10/23/14

**PROPOSED AGENDA**  
**Highly Migratory Species Advisory Subpanel**

Hilton Orange County/Costa Mesa Hotel  
Balboa Bay 1  
3050 Bristol Street  
Costa Mesa, CA 92626  
November 15-17, 2014

*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, NOVEMBER 15, 2014 – 8:00 A.M.

**A. Call to Order (30 min.)**

1. Introductions
2. Approval of Agenda

Joint Meeting of the HMSAS and HMSMT in Balboa 1

**B. Recreational Policy Update (30 minutes, Agenda Item C.2)**

Briefing by Craig Heberer

**C. NMFS West Coast Region Strategic Plan (30 minutes, Agenda Item C.5)**

Briefing by Heidi Taylor

**D. Drift Gillnet Hard Caps (2 hours, Agenda Item I.4)**

1. Range of alternatives for drift gillnet hard caps (Kit Dahl)
2. Preliminary results of the bootstrap analysis (Steve Stohs)

**E. Electronic Technology Plan Final Action (1 hour, Agenda Item C.4)**

Briefing and Q&A by Steve Freese

End Joint Meeting

**F. Other Priorities for 2015-2016 Fisheries (2 hours, Agenda Item I.4)**

1. Planning Council action on authorizing a shallow-set longline fishery outside the EEZ and permitting pelagic longline inside the EEZ
2. Planning Council action on transitioning the drift gillnet fishery to a Federal permit

**G. International Activities (2 hours, Agenda Item I.2)**

Briefing by Heidi Taylor (and Mark Helvey if available)

1. Results of the October 27-31, 2014, IATTC meetings
2. Issues and positions for the WCPFC December 1-5, 2014, Regular Session

SUNDAY, NOVEMBER 16, 2014 – 8:00 A.M.

***H. Retention of Salmon and Albacore on a Single Trip (1 hour)***

Briefing and Q&A by Dayna Matthews. Enforcement has raised concerns about the retention of salmon and albacore on the same trip since salmon are listed as a prohibited species in the HMS FMP and regulations:

**§ 660.705 Prohibitions.** In addition to the general prohibitions specified in § 600.725 of this chapter, it is unlawful for any person to do any of the following:

...

(e) When fishing for HMS, fail to return a prohibited species to the sea immediately with a minimum of injury.

**§ 660.711 General catch restrictions.** (a) Prohibited species. HMS under the FMP for which quotas have been achieved and the fishery closed are prohibited species. In addition, the following are prohibited species:

(1) Any species of salmon. (2) Great white shark. (3) Basking shark. (4) Megamouth shark. 5) Pacific halibut.

***I. Informational Report on Vessel Movement Monitoring (1 hour)***

Briefing and Q&A by Dayna Matthews

***J. Bluefin Tuna Management Measures Final Action for 2015-2016 Fisheries (4 hours, Agenda Item I.3)***

Briefing by Cyreis Schmitt / Michelle Horeczko

***K. Other Business***

***L. Draft Statements, as Necessary***

MONDAY, NOVEMBER 17, 2014 – 8:00 A.M.

***M. Draft Statements, as Necessary***

*HMS agenda items are scheduled on the Council floor all day.*

PFMC  
10/22/14

**PROPOSED AGENDA**  
**Highly Migratory Species Management Team**

Hilton Orange County/Costa Mesa Hotel  
Balboa Bay 2  
3050 Bristol Street  
Costa Mesa, CA 92626  
November 15-17, 2014

*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, NOVEMBER 15, 2014 – 8:00 A.M.

**A. Call to Order (30 min.)**

1. Introductions
2. Approval of Agenda

Joint Meeting of the HMSAS and HMSMT in Balboa 1

**B. Recreational Policy Update (30 minutes, Agenda Item C.2)**

Briefing by Craig Heberer

**C. NMFS West Coast Region Strategic Plan (30 minutes, Agenda Item C.5)**

Briefing by Heidi Taylor

**D. Drift Gillnet Hard Caps (2 hours, Agenda Item I.4)**

1. Range of alternatives for drift gillnet hard caps (Kit Dahl)
2. Preliminary results of the bootstrap analysis (Steve Stohs)

**E. Electronic Technology Plan Final Action (1 hour, Agenda Item C.4)**

Briefing and Q&A by Steve Freese

End Joint Meeting

**F. International Activities (2 hours, Agenda Item I.2)**

Lead: Heidi Taylor

**G. Bluefin Tuna Management Measures Final Action for 2015-2016 Fisheries (4 hours, Agenda Item I.3)**

Leads: Cyreis Schmitt, Liz Hellmers

SUNDAY, NOVEMBER 16, 2014 – 8:00 A.M.

**H. Drift Gillnet Hard Caps and Other Priorities for 2015-2016 Fisheries (4 hours, Agenda Item I.4)**

Leads: Craig Heberer, Steve Stohs



***I. Retention of Salmon and Albacore on a Single Trip (1 hour)***

Briefing and Q&A by Dayna Matthews. Enforcement has raised concerns about the retention of salmon and albacore on the same trip since salmon are listed as a prohibited species in the HMS Fishery Management plan (FMP) and regulations:

**§ 660.705 Prohibitions.** In addition to the general prohibitions specified in § 600.725 of this chapter, it is unlawful for any person to do any of the following:

...

(e) When fishing for HMS, fail to return a prohibited species to the sea immediately with a minimum of injury.

**§ 660.711 General catch restrictions.** (a) Prohibited species. HMS under the FMP for which quotas have been achieved and the fishery closed are prohibited species. In addition, the following are prohibited species:

(1) Any species of salmon. (2) Great white shark. (3) Basking shark. (4) Megamouth shark. (5) Pacific halibut.

***J. Informational Report on Vessel Movement Monitoring (1 hour)***

Briefing and Q&A by Dayna Matthews

***K. Other Business***

***L. Draft Statements, as Necessary***

MONDAY, NOVEMBER 17, 2014 – 8:00 A.M.

***M. Draft Statements, as Necessary***

*HMS agenda items are scheduled on the Council floor all day.*

PFMC

10/22/14

**PROPOSED AGENDA**  
**Legislative Committee**

Hilton Orange County/Costa Mesa  
Balboa 2 Room  
3050 Bristol Street  
Costa Mesa, CA 92626  
Phone: 714-540-7000  
November 14, 2014

FRIDAY, NOVEMBER 14, 2014 – 9:00 AM

***A. Call to Order***

1. Introductions
2. Approval of Agenda

Dave Hanson

***B. Review of Legislation in the 113<sup>th</sup> Congress***

Jennifer Gilden

***C. Magnuson-Stevens Act Reauthorization Next Steps***

Donald McIsaac

***D. General Discussion***

***E. Public Comment***

***F. Future Meeting Plans and Other Business***

***G. Develop Report to Council***

ADJOURN

PFMC  
11/6/14

**PROPOSED AGENDA**  
**Salmon Advisory Subpanel**

Pacific Fishery Management Council  
Emerald Bay 1 Room  
Hilton Orange County/Costa Mesa Hotel  
3050 Bristol Street  
Costa Mesa, California 92626  
November 14-15, 2014

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

FRIDAY, NOVEMBER 14, 2014 – 8 AM

**SAS Administrative Matters**

Call to Order, Roll Call, Introductions, Announcements, etc.	Butch Smith, Chair
Opening Remarks and Agenda Overview	Mike Burner
Approve Agenda	SAS

**Council Agenda Items for Review and Possible Comment**

***D. Habitat***

1. Current Habitat Issues (9 a.m.) ( <i>Report to the Council on Friday</i> )	Jim Hie
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***C. Council Administrative Matters***

4. Electronic Technology Plan (9:30 a.m.) ( <i>Report to the Council on Wednesday</i> )	Steve Freese
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***F. Salmon Management***

2. Salmon Methodology Review (9:30 a.m.) ( <i>Report to the Council on Saturday</i> )	Mike Burner
3. Preseason Salmon Management Schedule for 2015 (10 a.m.) ( <i>Report to the Council on Saturday</i> )	Mike Burner
4. Lower Columbia Coho Harvest Matrix (10:30 a.m.) ( <i>Report to the Council on Sunday</i> )	

LUNCH

***F. Salmon Management, continued***

4. Lower Columbia Coho Harvest Matrix, continued (1 p.m.) ( <i>Report to the Council on Sunday</i> )	
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SATURDAY, NOVEMBER 15, 2014 – 8 AM

**SAS Administrative Matters**

Review Statements

***F. Salmon Management***

1. National Marine Fisheries Service (NMFS) Report (9 a.m.)  
*Including and update from NMFS on albacore tuna and salmon troll trips.  
(Report to the Council on Saturday)*

***C. Council Administrative Matters***

2. Recreational Fisheries Policy Update (10 a.m.)  
*(Report to the Council on Saturday)*

**Council Agenda Items for Review and Possible Comment**

***G. Pacific Halibut Management***

1. 2015 Pacific Halibut Catch Sharing Plan and Regulations (11 a.m.)      Kelly Ames  
*(Report to the Council on Sunday)*

***C. Administrative Matters***

3. Legislative Matters (1 p.m.)  
*(Report to the Council on Sunday)*

**SAS Administrative Matters**

Finalize Remaining Statements

ADJOURN

PFMC  
10/20/14

**PROPOSED AGENDA**  
**Scientific and Statistical Committee**

Pacific Fishery Management Council  
Hilton Orange County/Costa Mesa Hotel  
Emerald Bay 2 Room  
3050 Bristol Street  
Costa Mesa, California 92626  
Telephone: 714-540-7000

November 13-14, 2014

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. 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.

THURSDAY, NOVEMBER 13, 2014 – 8 AM

**A. Call to Order**

1. Call to Order and Introductions Meisha Key
2. Report of the Executive Director Donald McIsaac
3. Approve Agenda and September 2014 Minutes
4. Subcommittee Assignments - Current assignments are listed at the end of this agenda
5. Open Discussion and Future Meeting Planning  
(8 a.m., 2 hours) *No Report to Council*

**C. Council Administrative Matters**

8. Advisory Body Position Appointments and Council Operating Procedures (SSC Closed Session)  
(10 a.m., 0.5 hours) *Report to Council – Council Closed Session, Friday*

***J. Groundfish Management***

4. Groundfish Management Ongoing Rulemaking John DeVore  
a. Reconsideration of 2015 and 2016 Overfishing Limits for Yellowtail Rockfish North, Sharpchin Rockfish, Rex Sole, and English Sole  
(10:30 a.m., 0.5 hours; **Punt, Jagielo**) *Report to Council on Tuesday*
6. Methodology Review Process Council Operating Procedure John DeVore  
(11 a.m., 1 hour; **Tsou, Dorn**) *Report to Council on Tuesday*

LUNCH

***F. Salmon Management***

2. Salmon Methodology Review Mike Burner  
a. Report of the Salmon Subcommittee Pete Lawson  
b. Report of the Economics Subcommittee Cindy Thomson  
(1 p.m., 1 hour, **Lawson, Byrne**) *Report to Council on Saturday*

***J. Groundfish Management, Continued***

5. Economic Data Collection Program Report on Fishery Status and Overview on Social Science Research  
a. Overview of the Economic Data Collection Report Todd Lee and Erin Steiner  
b. Overview of Social Science Research Suzanne Russell  
(2 p.m., 2 hours; **Sampson, Thomson**) *Report to Council on Tuesday*

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

***A. SSC Administrative Matters, Continued***

6. Review Statements  
(4 p.m. or following public comment period)

FRIDAY, NOVEMBER 14, 2014 – 8 AM

***A. SSC Administrative Matters, continued***

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

***E. Coastal Pelagic Species Management***

- 2. Sardine Harvest Fraction Lorna Wargo  
(9 a.m., 1 hour; **Huppert, Punt**) *Report to Council on Saturday*
- 3. Methodology Preliminary Topic Selection and Review Process Kerry Griffin  
(10 a.m., 0.5 hours; **Byrne, Hamel**) *Report to Council on Saturday*

***C. Council Administrative Matters, Continued***

- 9. Future Council Meeting Agenda and Workload Planning  
a. Recommend Schedule and Content of SSC Review of GMT Impact Projection  
Models  
(10:30 a.m., 0.5 hours; **Thomson, Sampson**) *Report to Council on Wednesday*
- 4. Electronic Technology Plan Steve Freese  
(11 a.m., 1 hour; **Jagiello, Lee**) *Report to Council on Sunday*

LUNCH

***H. Ecosystem Management***

- 1. Report on the Atlantis Model Review Isaac Kaplan  
Martin Dorn
  - a. Overview of the Atlantis Model
  - b. Report of the Ecosystem-Based Management Subcommittee  
(1 p.m., 1 hour; **Dorn, Johnson**) *Report to Council on Sunday*

***C. Council Administrative Matters, Continued***

- 5. National Marine Fisheries Service West Coast Region Strategic Plan Jennifer Ise  
(2 p.m., 0.5 hours; **Hamel, Lawson**) *Report to Council on Wednesday*

***I. Highly Migratory Species Management***

- 2. International Activities  
(2:30 p.m., 0.5 hours; **Key, Satterthwaite**) *Report to Council on Monday*

***A. SSC Administrative Matters, continued***

- 8. Review Statements  
(3 p.m)

ADJOURN

## SSC Subcommittee Assignments, November 2014

<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>Pete Lawson</b>	<b>David Sampson</b>	<b>André Punt</b>	<b>André Punt</b>	<b>Cindy Thomson</b>	<b>Martin Dorn</b>
Alan Byrne	Andrew Cooper	Alan Byrne	Andrew Cooper	Dan Huppert	Pete Lawson
Owen Hamel	Martin Dorn	Owen Hamel	David Sampson	Todd Lee	Galen Johnson
Galen Johnson	Owen Hamel	Dan Huppert		André Punt	Todd Lee
Meisha Key	Tom Jagielo	Tom Jagielo		David Sampson	André Punt
Will Satterthwaite	Meisha Key	Meisha Key			Will Satterthwaite
	André Punt				Cindy Thomson
	Tien-Shui Tsou				Tien-Shui Tsou

**Bold** denotes Subcommittee Chairperson

PFMC  
10/21/14



**DRAFT MINUTES**  
**Scientific and Statistical Committee**

Pacific Fishery Management Council  
Doubletree by Hilton Spokane City Center  
Suite C & D  
322 North Spokane Falls Court  
Spokane, WA 99201  
Telephone 509-455-9600

**September 11-12, 2014**

**Members in Attendance**

Mr. Alan Byrne, Idaho Department of Fish and Game, Boise, ID  
Dr. Andrew Cooper, Simon Fraser University, Vancouver, B.C.  
Dr. Martin Dorn, National Marine Fisheries Service, Seattle, WA  
Dr. Owen Hamel, National Marine Fisheries Service, Seattle, WA  
Dr. Daniel Huppert, University of Washington, Seattle, WA  
Mr. Tom Jagielo, Seattle, WA  
Dr. Galen Johnson, Northwest Indian Fisheries Commission, Olympia, WA  
Ms. Meisha Key, SSC Chair, California Department of Fish and Wildlife, Santa Cruz, CA  
Dr. Todd Lee, National Marine Fisheries Service, Seattle, WA  
Dr. David Sampson, Oregon Department of Fish and Wildlife, Newport, OR  
Dr. William Satterthwaite, SSC Vice-Chair, National Marine Fisheries Service, Santa Cruz, CA  
Ms. Cindy Thomson, National Marine Fisheries Service, Santa Cruz, CA  
Dr. Tien-Shui Tsou, Washington Department of Fish and Wildlife, Olympia, WA

**Members Absent**

Dr. Vladlena Gertseva, National Marine Fisheries Service, Seattle, WA  
Dr. Peter Lawson, National Marine Fisheries Service, Newport, OR  
Dr. André Punt, University of Washington, Seattle, WA

<b>SSC Recusals for the September 2014 Meeting</b>		
<b>SSC Member</b>	<b>Issue</b>	<b>Reason</b>
None.		

***A. Call to Order and Scientific and Statistical Committee (SSC) Administrative Matters***

Chair Meisha Key called the meeting to order. Dr. McIsaac addressed the SSC and reviewed the agenda to identify SSC tasks.

Dr. David Sampson volunteered to be the Groundfish Subcommittee chair. Mr. Alan Byrne volunteered to be on the Salmon and CPS Subcommittees.

Dr. Tsou explained that WDFW has contracted with Dr. Ray Conser to do the Washington historical catch reconstruction. If the intended workshop to review catch reconstructions includes the Washington effort, she recommended the workshop be scheduled for late January or early February.

The following meetings were discussed in SSC workload planning. Groundfish Subcommittee meeting on November 12 in Costa Mesa to review some new assessment methodologies. Ecosystem Subcommittee meeting on December 15-16 in Seattle on IEA ecosystem indicators. SSC members who expressed interest in attending the February 2015 National SSC meeting: Meisha Key, Owen Hamel, Martin Dorn (he expressed interest in presenting an overview of PFMC assessment methods and the management framework), and Will Satterthwaite.

### ***Informational Reports***

1. Draft of the West Coast Region Regional Electronic Technologies Implementation Plan

*SSC Notes:*

*The SSC reviewed the informational report “Regional electronic technologies implementation plan for marine fisheries in the West Coast region”. Dr. Steve Freese (NMFS) was available to answer questions.*

*The SSC raised the following points for consideration in the Implementation Plan.*

- *The plan should discuss the importance of providing data in support of stock assessments. The potential ability for electronic technologies to provide fishery dependent data that are spatially explicit could be transformative for stock assessments.*
- *Confidentiality issues will need to be addressed to reap the full benefits of enhanced data collection. How will the data be reported? Who will have access to the data and in what form (e.g., raw versus aggregated)?*
- *Increased electronic data collection will also require increased staffing for management and analysis of the new data. This is particularly true if timeliness of the data is a primary goal for implementing electronic technologies.*
- *Partner agencies currently collect much of the fishery dependent data that are used for fishery monitoring and stock assessment. These partner agencies need to be fully considered in the plan to implement electronic technologies to lessen the chances that redundant data are collected and that gaps do not develop in existing time series.*

*The implementation plan needs to consider how fishery dependent data are currently used or the transition to electronic monitoring may have undesirable consequences.*

### ***J. Groundfish Management***

Review 2014 Stock Assessment and Fishery Evaluation Document

This agenda item was cancelled.

## ***G. Highly Migratory Species Management***

### **3. Preliminary Approval of Exempted Fishing Permits for 2015 Fisheries**

The Scientific and Statistical Committee (SSC) reviewed a preliminary exempted fishing permit (EFP) application for testing alternative gears to drift gillnets (DGN) for catching swordfish or for testing alternative approaches to current DGN fishery management practices (Agenda Item G.3.a, Attachment 4). The primary research question identified in the application was whether alternative fishing gears would reduce the bycatch of protected species (i.e., leatherback turtles) and other species. A secondary question is whether these alternative gears are commercially viable fishing techniques. A general approach was identified for addressing these questions, but there are too few details in the preliminary proposal for the SSC to evaluate the scientific validity of the approach.

There are a number of obstacles to using a controlled experimental design to evaluate bycatch rates for different gears. First, the bycatch of leatherback turtles is a very rare event, so sample sizes of gear deployments will need to be very large in order to detect differences between gears. A second obstacle is that fisheries using different gears will be conducted in a way that gives the best catch rates for the gear, which may be at different times and areas for each gear. Therefore even side-by-side comparison of gears would not necessarily provide information on differences for fleets using different gears.

The SSC recommends that the Council consider carefully whether a controlled experimental design is the best way to proceed in evaluating the performance of very different gear types to replace drift gillnets. An EFP could simply allow alternative gears to be deployed subject to appropriate monitoring under existing bycatch restrictions. These bycatch restrictions would provide an incentive for EFP holders to devise effective bycatch avoidance strategies suited to their gear type. Such a program would allow alternative gears to be evaluated and would eventually generate the necessary information on bycatch for any gear that proves to be viable from an economic perspective.

Finally, the SSC recommends that EFP applicants consult with a scientific advisor for experimental design if the Council wishes EFPs to be designed to answer specific questions in a scientific manner. The SSC would also like to note an excerpt from COP 20 regarding SSC review of EFPs: “All EFP applications should first be evaluated by the HMSMT for consistency with the goals and objectives of the HMS FMP. When a proposal is submitted to the HMSMT that includes a significant scientific component that would benefit from SSC review, the HMSMT can refer the application to the SSC for comment.” The process would be much more efficient if these operating procedures were followed.

## ***C. Coastal Pelagic Species Management***

### **1. Pacific Sardine Harvest Fraction**

Ms. Lorna Wargo of the Coastal Pelagic Species Management Team (CPSMT) presented the preliminary draft of the Environmental Assessment (EA) and additional analyses conducted by the CPSMT. Mr. Josh Lindsay was present for the discussion as well.

The Scientific and Statistical Committee (SSC) supports the change to using the 3-year moving average of the CalCOFI temperature index for the harvest guideline (HG), as was done for the overfishing limit (OFL) control rule adopted by the Council in March 2014. In order to fully evaluate the impact of this change and the Alternatives presented, however, Table 1 in the EA should include a column for Alternative 1 (the No Action Alternative). To produce this column, a simulation needs to be conducted using the current harvest control rules (including OFL, acceptable biological catch [ABC] and HG rules), including the temperature data from Scripps Institute of Oceanography (for the HG) as well as that from CalCOFI (for the OFL, ABC, and to drive the biological simulation) for the same time period used as the basis for simulations of the other Alternatives. The SSC expects that the results of this analysis will be generally similar to Scenario New8 (=Variant 22) in the “Revised Analyses Related to Sardine Harvest Parameters” (Agenda Item I.1.b, Revised Analyses, March 2014).

The analyses in the EA are based upon a single combination of  $P^*$  and sigma. Alternative values of these parameters should be considered to expand the range of ABC control rules that are analyzed. For example, a  $P^*$  of 0.25 with a sigma of 0.72 could be considered.

The table of species listed as endangered or threatened under the ESA should be revised. For example, the eastern distinct population segment of Steller sea lions is no longer listed as threatened under the ESA; and yelloweye rockfish is listed only in Puget Sound.

#### ***D. Salmon Management***

##### **2. Lower Columbia River Coho Harvest Matrix**

The Scientific and Statistical Committee (SSC) reviewed the document "Review of allowable fishery impacts to Lower Columbia River natural coho, Lower Columbia Natural Coho Workgroup Report, Working Draft Analyses" (Agenda Item D.2.a, Attachment 1). Mr. Chris Kern of the Oregon Department of Fish and Wildlife was available to answer questions.

The Workgroup Report provides little methodological detail, however much can be inferred from the "Harvest strategy risk assessment for Lower Columbia natural coho" document from the November 2013 Council meeting (Item C.2.a, Attachment 2). The SSC previously noted that "numerical estimates of extinction risk from the model should be considered as index values only, and in no way represent actual probabilities of extinction." Thus, while rankings of different management scenarios in terms of population risk are likely to be relatively robust, there is substantial uncertainty in the baseline magnitude of risk, and also the amount of change in risk among alternatives.

The SSC identified multiple arguments for retaining at least some parental seeding categories in the harvest matrix. Although the Workgroup Report states that low seeding levels were rarely observed in the past, the time series for many populations span only a few years, and even the longest time series are inadequate to characterize the probability of occurrence of rare events. Simulated population dynamics should not be considered a reliable quantitative prediction of the frequency of low seeding levels in the future. In addition, seeding levels are determined from data on wild populations, while the current marine survival index is derived from a hatchery proxy.

Lack of clarity on methodological details, as well as apparent inconsistencies among tables,

figures, and text in the report hindered thorough review, and the SSC requests that future workgroup reports identify a point of contact for technical clarifications.

The SSC supports re-assessing the suitability of the harvest matrix periodically as additional information on population capacity and productivity becomes available.

#### 1. Salmon Methodology Review

Mr. Mike Burner briefed the Scientific and Statistical Committee (SSC) on the current list of proposed topics for the 2014 Salmon Methodology Review to be held October 21-23 in Portland, Oregon. The following items were identified for potential review this fall, and the lead entity for each work product is identified at the end of each item.

1. Conservation objectives, annual catch limits, and status determination criteria for Willapa Bay natural coho (STT and WDFW).
2. Conservation objectives for southern Oregon coastal Chinook (ODFW).
3. Standardized method to calculate Chinook age-2 FRAM stock recruit scalars (MEW).
4. Progress Report: new Chinook FRAM base period (MEW).
5. Escapement goal for Grays Harbor Chinook (WDFW and Quinault Indian Nation).
6. Review of fishery impact estimation methodology relative to the Cape Flattery Control Zone (WDFW).
7. Method to update non-local Chinook stock impacts in terminal fisheries in Chinook FRAM (MEW).

Materials to be reviewed should be submitted at least two weeks prior to the Methodology Review. Agencies should ensure that materials submitted to the SSC are technically sound, comprehensive, clearly documented, and identified by author. The SSC plans to review reports on these topics at the November meeting.

### ***J. Groundfish Management***

#### 2. Stock Assessment Planning

The Scientific and Statistical Committee (SSC) reviewed three Terms of Reference (ToR) documents that will be used to guide the stock assessment process for 2015. These documents include the ToR for groundfish and coastal pelagic species (CPS) stock assessment (Agenda Item J.2.a, Attachment 1), the ToR for rebuilding analysis (Agenda Item J.2.a, Attachment 2), and the ToR for methodology reviews (Agenda Item J.2.a, Attachment 3). The documents have been updated to be consistent with the revised National Standard Two Guidelines issued by the National Marine Fisheries Service (NMFS) in 2013. Except for the following recommended changes, the SSC considers these documents ready to be used in the 2015 assessment cycle.

In the Terms of Reference for the Groundfish and CPS Stock Assessment Review Process for 2015-2016:

- p. 8. *“The Council also directed that annual harvest measures for Pacific sardine and Pacific mackerel be implemented on a biennial basis beginning with the 2015-2016 fishing*

year.” Delete “*Pacific sardine and*” because annual harvest measures are not implemented on a biennial basis for sardine.

- p. 12. Replace “*If a recommendation on whether to send the assessment to the mop-up panel meeting is needed before the full SSC is able to review the STAR panel report, the SSC Chair, Vice Chair, and Groundfish Subcommittee Chair will make a preliminary decision.*” with “*Soon after completion of all STAR panels, a meeting of the SSC groundfish subcommittee will be held to recommend which assessments, if any, will be sent to the mop-up panel and to prioritize further analyses.*” This change is intended to manage workload for the mop-up panel, and to handle situations when there are more assessments recommended for mop-up than can be reviewed at the meeting.
- p. 24. Replace “*Catch-only projections are reviewed by the relevant SSC subcommittee, via email or conference call, and the full SSC.*” with “*Catch-only projections are initially reviewed by the relevant SSC subcommittee with public notice, and subsequently reviewed by the full SSC.*” This change is intended to ensure that advance notice is provided to all interested parties of the SSC subcommittee review of catch-only projections. Sometimes the results of catch-only projections are unexpected, particularly if default assumptions are not used.

The SSC also discussed the Council’s initial list of stocks to be assessed in 2015. Dr. Owen Hamel from the Northwest Fishery Science Center was present for the discussion to provide a NMFS perspective.

The Council’s initial list included cowcod as a full assessment. The 2012 remotely-operated vehicle ROV survey for cowcod is potentially a critical data point that could verify the amount of rebuilding that has occurred since the last ROV survey in 2002. If new methods were used in the ROV survey, the SSC recommends these methods be reviewed before the results are used in the stock assessment.

Since ROV surveys only cover a proportion of cowcod habitat, biomass from the survey area is expanded to the population level for use in the assessment model. The expansion method should also be reviewed. A review of the ROV survey is unlikely to be completed in time for a cowcod assessment in 2015, suggesting that this assessment should be delayed until the next assessment cycle.

The SSC supports update assessments for petrale sole and sablefish, given that these assessments have been carefully and thoroughly reviewed in previous Stock Assessment Review panels. The SSC would be able to review an update assessment of chillipepper rockfish if an assessment were to be conducted.

Arrowtooth flounder was last assessed in 2007. This stock could be assessed in the next cycle by either a data-moderate assessment or a catch-only projection. There are a number of issues that need to be addressed for data-moderate assessments. If the decision is made to go forward with a data-moderate assessment for arrowtooth flounder, the SSC recommends that the Extended Simple Stock Synthesis method be used, and that input trend information be limited to bottom trawl surveys. This approach would avoid some of the issues associated with data-moderate assessments, and would make it feasible for the assessment to be reviewed by the SSC groundfish subcommittee during the June meeting. Both a data-moderate assessment and a catch-only

projection should be done for arrowtooth flounder to provide a useful contrast. If additional data-moderate assessments are added to the list, a fifth STAR panel should be added to the proposed schedule for data-moderate assessments.

Making an informed decision about whether it is possible to conduct an assessment in an area requires going through the initial steps of stock assessment. These steps include soliciting and assembling data sets, gathering information about fishing practices and management history, and evaluating potential stock assessment boundaries based on biology, data availability, data quality, and management history. The SSC considers it unwise to a priori restrict the assessment of kelp greenling to the state of Oregon, and recommends that a similar process be used for kelp greenling, China rockfish, and black rockfish, and any other nearshore species considered for assessment.

The SSC recognizes that there are a number of alternative points of view related to stock assessment boundaries for nearshore species. Since these issues are important for a number of species that will be assessed in 2015, it will be important to discuss these issues and develop agreed-upon approaches prior to the assessment cycle. The SSC groundfish subcommittee is willing to take the lead in planning a meeting to address these issues, and will discuss a possible process during the November Council meeting.

One lesson that perhaps can be garnered from the last assessment cycle is the importance of communication between stock assessment scientists and those closer to sources of fishery information, such as state data stewards and managers. Data stewards have the responsibility to inform stock assessment scientists about the limitations and appropriate use of data for stock assessment. Stock assessment scientists should communicate initial decisions on stock structure, fishery modeling, and priors used in the assessment. For nearshore species where state agencies are the primary source of assessment information, this communication could be fostered by including state agency biologists on stock assessment teams. Holding pre-assessment workshops well in advance of the STAR panels is another excellent approach for ensuring that this critical two-way communication occurs.

#### Overview of Data Collected by the West Coast Groundfish Observer Program and How Those Data are Used in Stock Assessments

*SSC Notes:*

*Jon McVeigh (NMFS NWFSC) presented an overview of the data collected and products produced by the West Coast Groundfish and At-Sea Hake Observer Programs. Owen Hamel (NMFS NWFSC) presented an overview of how observer data are used in stock assessments.*

*It is expected that there will still be some observer coverage (similar to pre-ITQ) even with electronic monitoring (EM), except for whiting catcher vessels delivering to motherships. Observer coverage will be reduced from 100% in the ITQ fleets if they have EM, but boats without EM will still have 100% coverage. The level of reduction has not been determined and regulations have not been drafted.*

*The observer program collects data on retained catch, bycatch, and interactions w/ protected species (marine mammals, sea birds, sea turtles).*

*For fleets that do not have 100% observer coverage, vessels who land above a threshold amount are subject to sampling, but the timing of the sampling is random.*

*When observer coverage was increased to 100% for IFQ fleets, coverage of other fleets has decreased due to limited resources / budget. Vessels that traditionally fished in the limited-entry fixed-gear fishery, but now participate in the IFQ fishery, are subject to 100% observer coverage while in the trawl fishery.*

### Clarifying Groundfish Management Team Questions on Next Review of Impact Projection Models

*SSC Notes:*

*The SSC met with the GMT to discuss impact model projections and socioeconomic analyses for the next groundfish specification cycle. The SSC received a paper from the GMT titled “The Groundfish Management Team’s Updates on Ongoing Discussions with the SSC’s Economic and Groundfish Subcommittees Regarding the Socioeconomic Analyses and catch Projection Models.” The SSC also received a presentation from Ms. Heather Reed that summarized the key points of the paper. The purpose of the meeting was to help the SSC better understand the GMT’s needs regarding these models, and to establish agreed upon next steps to move the process forward.*

*The SSC and GMT agreed to have a conference call at a time TBD in October. Council staff will organize the call, and the participants will be the SSC and GMT chairs and vice-chairs, the SSC Economic and Groundfish Subcommittee chairs, and the Council’s SSC and GMT staff officers. The agenda for the call is to develop a draft plan for model improvements that can be implemented by September 2015. Particular topics include:*

- *Develop a draft list of priority projection models for review by the SSC.*
- *Discuss the process for determining when projection models need to be reviewed or re-reviewed. This includes coordinating this with any revisions to the Council’s Operating Procedures.*
- *Discuss/develop a coordination plan for GMT involvement in future SSC reviews of economic/socioeconomic models and data collection (e.g., IO-PAC and EDC)*
- *Develop a draft priority list of additional or new economic/socioeconomic models.*

*Some factors that were discussed that should be considered during the call are:*

- *The tradeoff between resources dedicated to reviewing existing models versus developing new models;*
- *Coordination with the Southwest and Northwest Fishery Science Centers if their assistance is to be requested;*
- *Whether new data collections are needed for the improvement of models;*



- *The competing needs for resources for other analyses (e.g., 5-year review of the trawl catch share program).*

*The draft plan developed from the call will be sent to the SSC Economic and Groundfish subcommittees for comment and input. The full SSC may be asked for comments.*

### SSC Subcommittee Assignments, September 2014

<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>Pete Lawson</b>	<b>Vlada Gertseva</b>	<b>André Punt</b>	<b>André Punt</b>	<b>Cindy Thomson</b>	<b>Martin Dorn</b>
Owen Hamel	Andrew Cooper	Owen Hamel	Andrew Cooper	Vlada Gertseva	Vlada Gertseva
Galen Johnson	Martin Dorn	Dan Huppert	David Sampson	Dan Huppert	Pete Lawson
Meisha Key	Owen Hamel	Tom Jagielo		Todd Lee	Galen Johnson
Will Satterthwaite	Tom Jagielo	Meisha Key		André Punt	Todd Lee
	Meisha Key			David Sampson	André Punt
	André Punt				Will Satterthwaite
	David Sampson				Cindy Thomson
	Tien-Shui Tsou				Tien-Shui Tsou

**Bold** denotes Subcommittee Chairperson

## DRAFT Tentative Council and SSC Meeting Dates for 2015

Council Meeting Dates	Location	Likely SSC Mtg Dates	Major Topics
<p><b>March 7-12, 2015</b> Advisory Bodies may begin Fri, March 6 Council Session begins Sat, March 7</p>	<p><a href="#">Hilton Vancouver Washington</a> 301 W. Sixth Street Vancouver, WA 98660 USA Phone: 360-993-4500</p>	<p>One-day CPS Subcm Session <b>Thu, March 5</b> Two-day SSC Session <b>Fri, March 6 – Sun, March 7</b></p>	<p>IEA annual report Final CPS EFP Pacific mackerel set-aside Final CPS methodology review Salmon review/Pre I CA current &amp; IEA reports Unmanaged forage fish FPA</p>
<p><b>April 11-16, 2015</b> Advisory Bodies may begin Fri, Apr 10 Council Session begins Sat, Apr 11</p>	<p><a href="#">DoubleTree by Hilton Sonoma</a> One Doubletree Drive Rohnert Park, CA 94928 Telephone: 707-584-5466</p>	<p>Two-day SSC Session <b>Fri, April 10 – Sat, April 11</b></p>	<p>Pacific sardine assess. Groundfish methodology review COP – final Salmon methodology topic selection NS1 guidelines comments</p>
<p><b>June 12-17, 2015</b> Advisory Bodies may begin Thu, June 11 Council Session begins Fri, June 12</p>	<p><a href="#">DoubleTree by Hilton Spokane City Center</a> 322 N. Spokane Falls Court Spokane, WA 99201 Phone: 509-455-9600</p>	<p>One-day GF Subcm Session <b>Wed, June 10</b> Two-day SSC Session <b>Thu, June 11 – Fri, June 12</b> One-day GF/Econ Subcms Session <b>Sat, June 13</b></p>	<p>Mackerel assess. &amp; mgt. measures Anchovy update Groundfish stock assess. Groundfish spex process and schedule</p>
<p><b>September 11-16, 2015</b> Advisory Bodies may begin Thu, Sept 10 Council Session begins Fri, Sept 11</p>	<p><a href="#">DoubleTree by Hilton Hotel Sacramento</a> 2001 Point West Way Sacramento, CA 95815 Phone: 916-929-8855</p>	<p>Two-day SSC Session <b>Thu, Sept 10 – Fri Sept 11</b></p>	<p>Plan science improvements Salmon methodology topic priorities Tule control rule review Groundfish stock assess. Groundfish EFH amendment</p>
<p><b>November 14-19, 2015</b> Advisory Bodies may begin Fri, Nov 13 Council Session begins Sat, Nov 14</p>	<p><a href="#">Hyatt Regency Orange County</a> 11999 Harbor Blvd. Garden Grove, CA 92840 Phone: 714-750-1234</p>	<p>Two-day SSC Session <b>Fri, Nov 13 – Sat, Nov 14</b></p>	<p>CPS methodology topic selection Groundfish stock assess, and reb. anal. Groundfish biennial spex Salmon methodology review</p>

SSC meeting dates and durations are tentative and are subject to change in response to Council meeting dates, agendas, workload, etc.

### Proposed Workshops and SSC Subcommittee Meetings for 2014

Tentative – Depended on funding, dates subject to change

☐ – Prep. Work Underway, Scheduled to Occur; ◻ – Status of Supporting Analyses Uncertain, Remains a Priority;

▨ – Setbacks exist, Questionable; ■ – Funding or Prep. Not Avail, likely to be canceled or postponed

Workshop/Meeting		Potential Dates	Sponsor/ Tentative Location	SSC Reps.	Additional Reviewers	AB Reps.	Council Staff
1	Pacific Sardine STAR Panel	March 3-5	Council La Jolla	Punt, Key	2 CIE	CPSMT/ CPSAS	Griffin
2	CPS Survey Methodology Workshop	April 23	Council La Jolla	Hamel	NA	CPSMT/ CPSAS	Griffin
3	NWFSC Assessment Program Review	June 10-13	NWFSC Seattle	Cooper	Many	NA	DeVore
4	Review Atlantis model	June 30 – July 2	NWFSC/ Seattle	EBM Subcommittee	3 CIE	EAS	Dahl
5	SWFSC Assessment Program Review	July 28-August 1	SWFSC La Jolla	NA	Many	NA	DeVore
6	Improving Socioeconomic Analysis	Sept. 10	Council/ Spokane	Econ Subcommittee	NA	GMT GAP	DeVore
7	Salmon Methodology Review	Oct. 21-23	Council/ Portland	Salmon Subcommittee	None	STT SAS MEW	Burner
8	Evaluation of Groundfish Assessment Methodological Approaches	Nov. 12	Council Costa Mesa	GF Subcommittee	NA	GMT GAP	DeVore

**Proposed Workshops and SSC Subcommittee Meetings for 2014**

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	<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>9</b>	Review of the Annual Integrated Ecosystem Assessment Report	Dec. 15-16	Council Seattle	Ecosystem Subcommittee	NA	NA	Dahl

**Proposed Workshops and SSC Subcommittee Meetings for 2015**

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	<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>	Groundfish Historical Catch Reconstructions	Late Jan. or Early Feb.?	TBD	GF Subcommittee	TBD	GMT GAP	DeVore
<b>2</b>	National SSC Meeting	Feb. 23 - 25	WPFMC/ Honolulu	Key, Dorn, Sampson, Satterthwaite	TBD	NA	NA
<b>3</b>	Pacific Sardine Update Review	Mar. 5	Council/ Vancouver, WA	CPS Subcommittee	None	CPSMT CPSAS	Griffin
<b>4</b>	Canary/Darkblotched STAR	Apr 27 – May 1	Council/ Seattle	TBD	2 CIE + 1	GMT GAP	DeVore

### Proposed Workshops and SSC Subcommittee Meetings for 2015

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<b>5</b>	Pacific Mackerel STAR	Week of Apr 27	Council/ La Jolla	Punt, TBD	2 CIE + 1	CPSMT CPSAS	Griffin
<b>6</b>	Review Sablefish Update, Arrowtooth Data-Moderate Assessment, and Catch Reports	June 10	Council/ Spokane	GF Subcommittee	None	GMT GAP	DeVore
<b>7</b>	Review Trawl IFQ Model	June 13?	Council/ Spokane	GF & Econ Subcommittees	None	GMT GAP	DeVore
<b>8</b>	Bocaccio/China STAR	July 6-10	Council/ Santa Cruz	TBD	2 CIE + 1	GMT GAP	DeVore
<b>9</b>	Black RF STAR	July 20-24	Council/ Newport, OR	TBD	2 CIE + 1	GMT GAP	DeVore
<b>10</b>	Kelp Greenling/Widow STAR	July 27-31	Council/ Newport, OR	TBD	2 CIE + 1	GMT GAP	DeVore
<b>11</b>	Mop-up STAR	Late Sept.?	Council/ TBD	TBD	TBD	GMT GAP	DeVore
<b>12</b>	Salmon Methodology Review	Late Oct.?	Council/ Portland	Salmon Subcommittee	None	STT SAS MEW	Burner

**Proposed Workshops and SSC Subcommittee Meetings for 2015**

Tentative – Depended on funding, dates subject to change

☐ – Prep. Work Underway, Scheduled to Occur; ◻ – Status of Supporting Analyses Uncertain, Remains a Priority;

▨ – Setbacks exist, Questionable; ◼ – Funding or Prep. Not Avail, likely to be canceled or postponed

	<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>13</b>	Methods for Data Reweighting Workshop	TBD	NWFSC/ Council	GF & CPS Subcommittees	TBD	GMT GAP	DeVore
<b>14</b>	Reference Points (Bzero) Workshop II	TBD	TBD	GF Subcommittee	CIE/External 1-3:	GMT GAP	DeVore
<b>15</b>	Evaluation of Stock Productivity Methodological Approaches	TBD	TBD	GF Subcommittee	TBD	GMT GAP	DeVore
<b>16</b>	Transboundary Groundfish Stocks	?	Council	2 TBD?	?	GMT GAP	DeVore

**PROPOSED AGENDA**  
**Scientific and Statistical Committee's**  
**Groundfish Subcommittee**

Pacific Fishery Management Council  
Hilton Orange County/Costa Mesa Hotel  
Emerald Bay II Room  
3050 Bristol Street  
Costa Mesa, California 92626  
Telephone: 714-540-7000

November 12, 2014

Scientific and Statistical Committee's (SSC's) Groundfish Subcommittee meetings are open to the public, and public comments will be accepted at the discretion of the SSC Groundfish Subcommittee Chair.

Subcommittee 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. 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, NOVEMBER 12, 2014 – 9 AM

***A. Call to Order***

1. Call to Order and Introductions Dave Sampson
2. Approve Agenda  
(9 a.m., 0.5 hours) *No Report to Council*

***Groundfish Management***

3. Review of a Proposed Method of Using Geostatistical Delta-Generalized Linear Mixed Models (GLMM) to Develop Trawl Survey Catch Per Unit of Effort Indices Jim Thorson
  - a. Comparative Analysis of Geostatistical Delta-GLMM and Design-Based Estimates
  - b. Recommendations of the Subcommittee  
(9:30 a.m., 3 hours; **Dorn, Cooper**) *Report to the SSC on Thursday*

***LUNCH***

4. Review of Methods to Address Concerns with Modeling Steepness in Stock Assessment  
Jim Thorson and Owen Hamel  
(1:30 p.m., 1.5 hours; **Jagiello, Sampson**) *Report to the SSC on Thursday*
  
5. Future Planning
  - a. Spring Data Meeting for Stock Assessments
  - b. STAR Panel Chair Assignments  
(3 p.m., 1 hour) *No Report to Council*

ADJOURN

PFMC  
10/16/14