**PROPOSED AGENDA**

**Catch Estimation Methodology Review**

Pacific Fishery Management Council

March 28: NMFS Southwest Fisheries Science Center

Santa Cruz Laboratory

110 McAllister Way

Santa Cruz, CA 95060

March 29: Center for Ocean Health Library

Ocean Health Building

Room 201

University of California Santa Cruz

115 McAllister Way

Santa Cruz, CA 95060

Telephone: 831-420-3900

March 28-29, 2018

This is a meeting of a Pacific Fishery Management Council-sponsored methodology review with remote listen-only attendance via webinar (see webinar information below). Public comments will be accepted at the discretion of the Chair.

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.

To Attend the GoToWebinar:

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System Requirements

* PC-based attendees: Required: Windows® 7, Vista, or XP
* Mac®-based attendees: Required: Mac OS® X 10.5 or newer
* Mobile attendees: Required: iPhone®, iPad®, Android™ phone or Android tablet (See the GoToMeeting Webinar Apps)

WEDNESDAY, MARCH 28, 2018 – 8:30 AM

***A. Call to Order-GFSC Administrative Matters***

1. Call to Order and Introductions Dave Sampson

2. Approve Agenda

3. Rapporteur Assignments

4. Overview of Terms of Reference

(8:30 a.m., 0.5 hours)

***B. Overview***

1. Overview of California Fisheries and Methodology Objective John Field

(9 a.m.; 0.5 hours)

2. Overview of the Existing Sampling Program and Catch Estimation

Methodology Don Pearson

(9:30 a.m.; 0.5 hours)

BREAK (10-10:15 a.m.)

***C. Basis for the Proposed Model*** E.J. Dick

1. Assessment and Management Implications

2. Review of Theoretical Basis for Model-based Approach

3. Hierarchical Model Structure

(10:15 a.m.; 0.75 hours)

***D. Description of the Proposed Model*** Nick Grunloh

1. ComX Model Development

2. Model Description

3. Model Validation

(11 a.m.; 1 hour)

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

***E. Model Performance and Model Averaging Approach*** Nick Grunloh

(1:30 p.m.; 1.5 hours)

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

***F. Discussion by Reviewers***

1. Q&A with Model Proponents

2. Methodology Discussion

a. Historical Catch Reconstruction Issues

b. Impediments to More Recent Periods

c. Sample Weighting Issues

3. Consider Potential Model Explorations

(4 p.m.; 1 hour)

THURSDAY, MARCH 29, 2018 – 8:30 AM

***G. Comparison of Model Results to Current Catch Estimates***

***for Select Species*** E.J. Dick

(8:30 a.m.; 1.5 hours)

BREAK (10-10:15 a.m.)

***H. Response to Reviewers’ Questions and Comments from Day 1 and***

***Discussion of Potential Next Steps***

(10:15 a.m.; 1.75 hours)

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

***I. Potential Means of Serving Data and Variance Estimates*** Don Pearson

(1:30 p.m.; 1 hour)

***J. Future Efforts***

1. Efforts for Reconstructing Catches During the “Pre-Data” Period

2. Reconstructing Historical WA and OR Catches

3. Reconstructing Catches for Other Species Groups

4. Reconstructing Recreational Catches

(2:30 p.m.; 1 hour)

BREAK (3:30-3:45 p.m.)

***K. Reviewer Panel Recommendations***

(3:45 p.m.; 1.25 hours)

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