

**California Marine Life Protection Act Initiative
Master Plan Science Advisory Team (SAT)
Draft Meeting Agenda
(revised January 8, 2008)**

**Tuesday January 8, 2008
9:30 a.m.**

**Aviation Library and Museum *
International Terminal
San Francisco International Airport**

Members of the public are invited to attend the meeting in person or view and listen to the meeting via simultaneous webcasting on the Internet, and may view an archived version approximately two days after the meeting. Please visit the MLPA website at www.dfg.ca.gov/mlpa/meetings.asp for more information.

Public participation: The public will be invited by the co-chairs to offer comments on agenda action items. General comments on the MLPA Initiative and the work of the MLPA Master Plan Science Advisory Team, *not directed to specific agenda items*, will be taken after lunch at approximately 1:15 p.m.

Meeting Objectives

- *Receive report from work group on parallel approaches to evaluating marine protected area (MPA) proposals and potentially approve parallel approach(es) for use in the MLPA North Central Coast Study Region*
- *Review, discuss, and potentially approve draft evaluation methods for MPA proposals*
- *Review, discuss, and potentially approve responses to science questions*

Meeting Agenda

(note that the SAT will break for lunch at approximately 12:30 p.m.)

1.	Welcome, introductions, and review of agenda
2.	Updates (Attachments 1-2)
3.	<p>Parallel Processes Workgroup Report and Discussion (Attachment 3 and Handouts A, J-M)</p> <p>A. MARXAN: Optimized solver for selection / modification of MPA networks – Mike Mertens (Ecotrust)</p> <p>B. Equilibrium Optimization Model – Chris Costello</p> <p>C. Population Sustainability and Yield Model – Dr. Loo Botsford (University of California, Davis)</p> <p>D. Discuss and potentially approve parallel approach(es) for use in the MLPA North Central Coast Study Region</p>

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4.	<p>Evaluation methods and process for draft MPA proposals (Attachment 4 and Handouts B-F and H-I)</p> <p>A. Review, discuss and potentially approve <i>Draft MLPA Evaluation Methods for MPA Proposals</i></p> <ul style="list-style-type: none"> a. Informative evaluations to support core evaluations (informational) b. Linear versus area calculations (new) c. Bird/mammal foraging, breeding and rearing areas (new) d. Size and spacing for estuaries (new) e. Application of replication guidelines (informational) f. Application of size guidelines (informational) g. Levels of protection (potential revisions) <p>B. Evaluation timeline and presentations to the MLPA North Central Coast Regional Stakeholder Group and Blue Ribbon Task Force</p>
5.	<p>Science questions (Attachment 5 and Handout G)</p> <p>A. Report on new questions and drafts of responses</p> <p>B. Review and potentially approve responses to outstanding science questions</p>
6.	<p>Wrap up and next steps</p> <p>A. Meeting schedule for future SAT and other meetings</p>
7.	<p>Adjourn</p>

Attachments

1. November 13, 2007 SAT meeting summary and November 29, 2007 SAT meeting summary
2. Calendar of MLPA Initiative meetings, revised January 2, 2007
3. Parallel processes fact sheets
 - a. MARXAN Model
 - b. Equilibrium Optimization Model (detailed Hilborn, et al. paper)
 - c. Population Sustainability and Yield Model
4. Cover memo and data summaries to support discussion of *Draft MLPA Evaluation Methods for MPA Proposals*
 - a. Memo regarding CRFS data and summary of commercial passenger fishing vessel (CPFV) logbook data
 - b. Summary of commercial passenger fishing vessel (CPFV) trip counts
 - c. Rockfish bycatch report from the National Marine Fisheries Service
 - d. Memo regarding shorefishing, Moss Beach fishing records draft analysis and summary charts, and summary of reported and estimated catch from shore based fishing modes
 - e. Potential impacts of selective harvesting in crab populations
5. Cover memo and draft responses to science questions
 - a. *Draft Responses to Questions Posed at the October 16-17, 2007 NCCRS Meeting (revised January 3, 2008)*

- b. *Draft Work Group Responses to Science Questions Posed at the November 28, 2007 NCCRSG meeting (revised January 3, 2008)*
- c. *Draft Responses to Science Questions Posed by the NCCRSG at its December 11-12, 2007 Meeting (revised December 31, 2007)*

Handouts

- A. *Parallel processes fact sheet: Draft Layperson's Guide to Interpreting EDOM Model*
- B. *Methods Used to Evaluate Draft MPA Proposals in the North Central Coast Study Region (January 7, 2008 revised draft)*
- C. *Draft Data Summary: Proportion of Recreational and Commercial Salmon Fishing Grounds by Depth Strata*
- D. *Further analysis of salmon associated catch*
- E. *Potential Impacts of Sex- and Size-Selective Harvesting in Crab Populations*
- F. *Potential Impacts of Mariculture Activities in the MLPA North Central Coast Study Region*
- G. *Draft Responses to Question #9 Received at the October 16-17, 2007 Meeting of the North Central Coast Regional Stakeholder Group (January 6, 2008)*
- H. *PowerPoint slides: An analysis of rockfish landings associated with commercial salmon troll fishery off California (Eric Bjorkstedt, MLPA Master Plan Science Advisory Team, Parallel Approaches Work Group)*
- I. *PowerPoint slides: Impact of associated catch from salmon trolling (Ray Hilborn, MLPA Master Plan Science Advisory Team, Parallel Approaches Work Group)*
- J. *PowerPoint slides: Equilibrium Delay-Difference Optimization Model Designing, evaluating, and comparing proposals under the MLPA (Carl Walters, Ray Hilborn and Chris Costello)*
- K. *PowerPoint slides: A Model to Evaluate Sustainability and Yield of Proposed MPA Plans (Dr. Loo Botsford, et al., University of California, Davis)*
- L. *PowerPoint slides: Use of Marxan in evaluation of stakeholder proposals for the North Central Coast Study Region: MLPA (Mike Mertens, Ecotrust)*
- M. *PowerPoint slides: Seabird and Marine Mammal Evaluations for the MLPA North Central Coast Study Region (Gerry McChesney and Sarah Allen)*