

**MINUTES OF PaCOOS BOARD OF CONTROL MEETING  
MARCH 16-17 2005  
SEATTLE, WASHINGTON  
Draft 3**

**ACTION ITEMS**

- 1) **Committee Nominations** – Board members are requested but not required to nominate one member to each of the three PaCOOS committees by April 1, 2005. E mail names to [John.Hunter@NOAA.gov](mailto:John.Hunter@NOAA.gov) by April 1 2005. For further details see section “Three Standing Committees Established”.
- 2) **NESDIS Added to Board of Governors** -- Stan Wilson agreed to represent NESDIS on the PaCOOS Board of Governors.
- 3) **Climate change and the California Current large Marine Ecosystem Proposal** -  
- Draft a short proposal on PaCOOS contributions to Climate and Ecosystems in NOAA. Leads: Russ Davis, Jack Barth, and Frank Schwing, with reviewer, Ned Cyr. Circulate to Board for comments.
- 4) **Coordination of CalCOFI/PaCOOS lines-- Convene an adhoc committee to begin the process of** establishing protocols and generating holistic data products based on the Sentinel Species observing lines (aka CalCOFI, PaCOOS, Newport lines). This meeting is the precursor to the formation of the full Ocean observation committee. Committee Chair: Francisco Chavez. Committee membership: include representatives from CalCOFI, MBARI, HSU and Newport. A short report will be produced and circulated to RAs, Station P, and IMECOCal representatives.
- 5) **PaCOOS requirements for modernization of ocean sensing buoys ---** Write a one page document to be sent to NDBC outlining PaCOOS requirements; send first to Board for review; Leads: Barth, Hunter and Davis.
- 6) **Next Board Meeting in November 2005 ---** The meeting will be held just before or after the annual CalCOFI Conference in San Diego. (Note, at this writing the CalCOFI Conference date has not been set, the week of 14 November was preferred by the PaCOOS Board).
- 7) **Strengthen Coordination with Ocean.US** –To better integrate with west coast regional associations, requires closer links with Ocean.US. Actions include:
  - a. Russ Davis discusses issue with Margaret Davidson and reports to Board
  - b. Elizabeth Clarke and John Hunter draft a letter to Ocean.US from the Board and circulate for comments.
  - c. Chairs ask Regional Associations if they are willing to sign letter.

- 8) **Formalize Regional Association Representation on Board** ---Create Ex-officio position for each west coast Regional Association on Board. Elizabeth Clarke and John Hunter will draft invitation letter to be sent by Chairs on behalf of Board and circulate to Board members.
- 9) **Increase Visibility of PaCOOS to Science Community** --- encourage oral and poster presentation at scientific meetings. Create a poster, graphics, brochures that could be made available to Board members for presentations at meetings or for hand outs. These duties were assigned to John Hunter and Elizabeth Clarke.
- 10) **Quarterly reports to the Board** ---- The Board requested the coordinators (John Hunter and Elizabeth Clarke) to produce quarterly reports to keep them updated on progress.)
- 11) **Stock Assessment Modeling** ---- Send Board the schedule of stock assessment reviews for the year so that they can attend if they would like (Elizabeth Clarke)

### **THREE STANDING COMMITTEES ESTABLISHED**

Three PaCOOS committees were established: Data Management, Ocean Observation and, Modeling Analysis and Application.

#### **GUIDANCE FOR ALL COMMITTEES**

- Board members may nominate a member to each of these committees, but are not required to do so.
- Members send names of nominees for each of these committees to John Hunter ([john.hunter@noaa.gov](mailto:john.hunter@noaa.gov)) by April 1 2005. Hunter will compile list and circulate to the Board.
- The chair of each committee will be selected by the committee members by the close of their first meeting.
- Each committee will suggest to Board on how interactions between the three PaCOOS committees are best achieved by close of first meeting.

#### **GUIDANCE FOR SPECIFIC COMMITTEES**

- **Data Management Committee**
  - The committee includes one member of the Board of Governors
  - Francisco Chavez was appointed as the Board Member representative for the current year.
  - Each Pacific Coast Regional Association will be asked to nominate a committee member.
- **Ocean observation committee**

- Membership shall include one member from the Mexican (Baja California) Ocean Observing community
- Membership shall include one member from PICES

## **COMMITTEE TASKS**

### **Data Management Committee**

- Identify candidate data sets to be included in the PaCOOS data system
- Establish protocol for determining system infrastructure and prioritizing hardware and software needs of partners.
- Establish communication links for tracking and assisting with pilot projects
- Coordinate development of PaCOOS data system with the Regional Associations.
- Produce and integrated data management plan
- Provide specific guidelines to DMAC committee regarding biological data

### **Ocean Observation Committee**

- Identify critical gaps in current observing system
- Introduction of new technology and measurement approaches
- Responsible for monitoring NOAA sentinel species for the west coast
- Encourage coast-wide harmonization of existing measurements and generation of holistic products
- Assist in implementation of new observing components to insure compatibility with existing efforts
- Coordination of international ocean observing with PICES and Mexican science organizations.
- Coordination with Regional Associations
- Initial Tasks:
  - Action item 4
  - Identify important observations from other parts of the National Backbone needed for PaCOOS in collaboration with RA's

### **Analysis, Modeling, and Applications Committee**

- Guide development and application of models required for the production of ecosystem-based and climate based assessments of marine resources of the California Current Large Marine Ecosystem
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- Guide development of applications/products required for the production of ecosystem-based and climate based assessments of marine resources of the California Current Large Marine Ecosystem
- Initial Tasks:
  - Inventory the existing modeling efforts on the west coast including circulation, ecosystem, atmospheric and stock assessment models
  - Produce a plan for PaCOOS which shall include, review of existing models, gap analysis, data types, data formats needed, and recommendations

## **COMMITTEE MEETING SCHEDULES**

**Data management Committee** – The data committee shall begin as soon as possible because pilot projects on data management have begun.

**Ocean Observation Committee** – The meeting of the full Ocean Observation committee, will be deferred until after the results of an adhoc meeting on setting protocol standings for Sentinel species lines (US waters) are produced. (See action item 4).

**Analysis, Modeling, and Applications Committee** -- The first meeting of the modeling committee will be deferred until after November 2005 because of deadlines for NMFS stock assessment modelers who must be part of the process. The process on how best to approach the topic, and engage the academic modeling community was discussed, but not resolved. This will be the subject of subsequent dialogue among Board members, coordinators, and committee members. Some ideas included starting with technical presentations (before dealing with committee tasks). These included including pairing presentations between stock assessment models, circulation, Atlantis (Pacificus) model and other models, and asking Murawski to talk about the ecosystem management modeling.

## **OTHER DISCUSSION TOPICS**

### **REGIONAL ASSOCIATIONS**

Strengthening the coordination between the west coast RA's and PaCOOS was a continuing theme throughout the Board meeting. This led to various actions regarding RA's detailed in the minutes above.

### **BACKGROUND ON THE CALIFORNIA COASTAL CONSERVANCY**

Burr Heneman provided background on the California Coastal Conservancy and the early planning stages of a new organization will be under the wing of the Conservancy, the California Coastal Ocean Observing System, and (CalCOOS). The central mission of CalCOOS is to insure that the information generated by ocean observing systems in California waters provide practical benefits to agencies, industry and the public. Of particular importance in this regard are two relatively new California programs, the state-funded Coastal Ocean Currents Monitoring Program (HF radars and other current

monitoring technologies), and the Cooperative Assessment of Near-shore Ecosystems program (CRANE) operated by CDFG, PISCO and other partners. PaCOOS and CalCOOS hold a common interest in improving information needed for management of fishery resources and protected species and their ecosystem. These interests are complementary, with CalCOOS having California inshore focus and PaCOOS a coast-wide EEZ focus, Hence a basis exists for significant collaborations in the future.

### **FISHERY DEPENDENT DATA**

Tom Jagielo, Patty Burke, Laura Rogers-Bennett (for Patty Wolf) , led a discussion on the fishery dependent data, that is, observations on managed species, species interactions, fishery removals and bycatch that feed directly into management decisions. Each state has an extensive program to collect these data which are a critical part of PaCOOS observing system and fundamental to ecosystem-based management as well as the present management system. Patty Burke provided a recent inventory of these activities carried out by Oregon Department of Fish and Wildlife, and the inventory in the PaCOOS science plan is being updated accordingly.

### **ADMINISTRATION OF PACOOS**

Listed below are two suggestions of Board members regarding changing the present administrative structure of PaCOOS. A consensus was not reached and the matter deferred to the next meeting.

- Install a full time, proactive coordination. Presently, coordination is handled part time by Hunter and Clarke.
- Create an executive committee balancing academic and agency interests.