

## MEETING LOGISTICS

### HOTEL:

INN BY THE SEA, LA JOLLA (**block of rooms held until June 23**)  
Best Western Inn by the Sea Hotel  
7380 Fay Avenue  
La Jolla, CA 92037-4240  
Ph: (858) 459-4461  
Fx: (858) 459-3941

### MEETING ROOM:

MARTIN JOHNSON HOUSE (T29) on SIO campus, see attached map.

### TRANSPORTATION:

**MONDAY:** Participants are expected to find their way to the meeting room on Monday June 30. The Martin Johnson House (T29) on the SIO campus is a short 5 minute walk from the SWFSC, (see Map attached). If you are driving a car, check in at the SWFSC reception desk and pick up a parking permit for campus or SWFSC parking. Please let me know if you will be driving and need a permit so that we can alert the SWFSC staff.

If you are traveling by Taxi or air porter, we will provide transportation from the Martin Johnson House to your hotel room at INN BY THE SEA in downtown La Jolla after the wine and cheese party Monday night (see agenda).

**TUESDAY:** Arrangements will be made to pick up participants at the INN BY THE SEA at 8 am on Tuesday, July 1. We will also be able to return you to the INN BY THE SEA Tuesday night at the close of the meeting. After we drop off those staying at INN BY THE SEA Tuesday night, we will be able to continue on to the airport, but we will not reach the airport before 6 pm. If you need rapid transport to the airport after the meeting it would be best to call a taxi or airporter.

**DRAFT AGENDA**  
**PACIFIC COASTAL OBSERVING SYSTEM (PaCOS) WORKSHOP**  
**Martin Johnson House (T29) SIO Campus**  
**June 30 - July 1, 2003**

**Chair: William Fox**

**Rapporteurs: John Hunter and TBN**

**Overall Meeting Objective:** Develop an initial PaCOS plan and a process to complete a comprehensive PaCOS plan by September 2003.

- Specific Objectives:**
1. Review the need for, objectives of, and institutional capabilities to implement a PaCOS;
  2. Define the major observing elements of PaCOS;
  3. Identify major gaps between existing institutional capabilities and PaCOS requirements;
  4. Reach agreement on a general coordination and governance mechanism for PaCOS;
  5. Identify a process to complete a PaCOS design plan by mid-September 2003 (e.g. establish a technical working group).

**Monday, 30 June - Working lunch provided**

- 1200 Welcome and introduction to PaCOS planning - William Fox
- 1215 Meeting logistics - Russ Davis, John Hunter
- 1230 Uses and benefits of an ocean observing system for the California Current - John Hunter and Liz Clarke
- 1300 Planning the IOOS for the US - David Martin
- 1320 IOOS related activities at the Pacific Marine Environmental Laboratory - Eddie Bernard
- 1340 Draft list of observing systems in the California Current System in the US EEZ - Liz Clarke, Russ Davis
- 1400 Important observing systems missing from list - Discussion
- 1500 The role of physical observations in PaCOS - Frank Schwing
- 1520 Identification of gaps in the current list of California Current observing systems that are important from the standpoint of NMFS= Mission - John Hunter, William Fox, Liz Clarke
- 1700 Close for the day
- 1715 Wine and cheese party at T29 Martin Johnson House (SIO campus)

**Tuesday, 1 July**

- 0830 Proposed key elements of PaCOS (existing and enhancements) - John Hunter, Liz Clarke, Frank Schwing
- 1030 Coordination and Governance of PaCOS - Dick Neal, Usha Varanasi, William Fox
- 1200 Lunch
- 1300 Review major elements in the IOOS draft plan outline that will need to be completed for PaCOS (Appendix I) - Discussion
- 1400 Next steps and schedule to complete the PaCOS plan for delivery to NMFS HQ by October 1, 2003 - Discussion
- 1530 List Action items
- 1600 Adjourn

## APPENDIX I: DRAFT OUTLINE OF PLAN

1. Introduction
  - a. Goals and objectives
  - b. Justification
  - c. Role of biological and physical observing in PaCOS
2. Existing observation systems
3. Gap Analysis
4. What needs to be done to fill key gaps
  - a. Biological observation
  - b. Physical observation
5. Data Management and Policy
6. Integrative analysis and product development (product production systems)
  - a. Modeling
  - b. Data synthesis
  - c. Integrating Satellite information.
  - d. Interfaces with other observing systems.
7. Interfaces with Core PaCOS program
  - a. Regional Associations ( near shore physical observing)
  - b. International linkages
  - c. Remote sensing NESDIS
  - d. Data streams from fixed instruments (Weather Service, NOS)
  - e. Near shore biological observing
  - f. NSF marine observatories (Neptune)
8. Technology
  - a. Coastwide aerial ecosystem inventories
  - b. Gliders, Drifters, moorings and underway sensing.
9. Information delivered
  - a. List of deliverables
    - i. Synthetic products
    - ii. Coastwide time series fishes, birds and mammals
    - iii. Indicators of ecosystem health, fished and unfished components, marine mammals and birds. fish biomass.
    - iv. Indicators of biological response to ocean climate, shifts in geographic boundaries, zooplankton structure,
    - v. Rapid notification of ecosystem events

- vi. Indicators and maps of key physical processes including transport retention, and phytoplankton and zooplankton productivity, seasonal ocean climate transitions, eddy energy and other indices.
    - vii. Graduate education
  - b. Value added from an integrated sustained observing
- 10. Governance
  - a. Steering Committee or Board of Governors
  - b. Partners
  - c. How will coordination work
  - d. Enabling financial agreements
- 11. Interface with user groups and the public.
- 12. Budget
  - a. Budget
  - b. Budget justification
- 13. Performance Measures

## APPENDIX II: PARTICIPANTS

### PACOS - June 30-July 1

Dr. Jack Barth (Ted Strub-Alternate<sup>1</sup>)  
Oceanic/Atmospheric Sciences  
Oregon State University  
104 Ocean Admin Bldg  
Corvallis, OR 97331-5503  
Ph: (541) 737-1607  
Fx: (541) 737-2064  
barth@coas.oregonstate.edu

Eddie Bernard  
Pacific Marine Environmental Laboratory  
7600 Sand Point Way, NE  
Seattle, WA 98115-6349  
Ph: (206) 526-6800  
Fx: (206) 526-4576  
Eddie.N.Bernard@noaa.gov

Dr. George Boehlert  
Hatfield Marine Science Center  
Oregon State University  
2030 SE Marine Science Dr  
Newport, OR 97365-5294  
Ph: (541) 867-0211  
Fx: (541) 867-0138  
george.boehlert@hmsc.orst.edu

Steven Bograd  
Pacific Fisheries Environmental Laboratory  
1352 Lighthouse Avenue  
Pacific Grove, CA 93950-2097  
Ph: (831) 648-8314  
Fx: (831) 648-8440  
Steven.Bograd@noaa.gov

Edmundo Casillas  
Northwest Fisheries Science Center  
2725 Montlake Blvd East  
Seattle, WA 98112-2097  
Ph: (206) 860-3313  
Fx: (206) 860-3267  
Edmundo.Casillas@noaa.gov

Francisco Chavez  
Senior Scientist  
Monterey Bay Aquarium Research Institute  
7700 Sandholt Road  
Moss Landing, CA 95039-9644  
Ph: (831) 775-1709  
Fx: (831) 775-1620  
chfr@mbari.org

Elizabeth Clarke  
Northwest Fisheries Science Center  
2725 Montlake Blvd East  
Seattle, WA 98112-2097  
Ph: (206) 860-5616  
Fx: (206) 860-3394  
Elizabeth.Clarke@noaa.gov

Russ Davis  
University of California, San Diego  
Physical Oceanography Research Division  
9500 Gilman Drive  
La Jolla, CA 92093-0230  
Ph: (858) 534-4415  
Fx:  
rdavis@ucsd.edu

Jim Howard, Dean  
Humboldt University  
College of Natural Resources & Sciences  
1 Harpst Street  
Arcata, CA 95521-8299  
Ph: (707) 826-3256  
Fx: (707) 826-3562  
howard@humboldt.edu

---

<sup>1</sup>Barth did not attend this meeting, Ted Strub the alternate, attended.

William Fox  
Office of Science and Technology  
NOAA Fisheries  
1315 East West Hwy  
Silver Spring Md 20910-3282  
Washington, DC  
Ph: (301) 713-2367  
Fx: (301) 713-1875  
William.Fox@noaa.gov

John Hunter  
Southwest Fisheries Science Center  
8604 La Jolla Shores Dr.  
La Jolla, CA 92037  
Ph: (858) 546-7127  
Fx (858) 546-5656  
John.Hunter@noaa.gov

Tom Jagielo  
Washington Department of Fish & Wildlife  
Marine Fish Science  
600 Capitol Way North  
Olympia, WA 98501-1091  
Ph: (360) 902-2837  
Fx:  
jagiethj@dfw.wa.gov

Dr. David L. Martin  
Associate Director  
Applied Physics Laboratory  
University of Washington  
1013 NE 40<sup>th</sup> Street  
Seattle, WA 98105-6698  
Ph: (206) 543-2945  
Fx: (206) 543-3521  
dmartin@apl.washington.edu

Dr. Richard D. Methot, Jr  
Northwest Fisheries Science Center  
2725 Montlake Blvd East  
Seattle, Wa 98112-2097  
Ph: (206)860-3365  
Fx: (206)860-3394  
Richard.Methot@noaa.gov

Dick Neal  
Southwest Fisheries Science Center  
8604 La Jolla Shores Dr.  
La Jolla, CA 92037  
Ph: (858) 546-7066  
Fx (858) 546-5655  
Richard.A.Neal@noaa.gov

William Peterson  
Northwest Fisheries Science Center  
Hatfield Marine Science Center  
2030 So. Marine Science Dr.  
Newport, OR 97365  
Ph: (541) 867-0201  
Fx: (541) 867-0389  
Bill.Peterson@noaa.gov

Laura Rogers-Bennett, Ph.D.  
Assoc. Biologist (Marine/Fisheries)  
Bodega Marine Lab  
PO Box 247  
Bodega Bay, CA 94923  
Ph: (707) 875-2035  
Fx: (707) 875-2089  
rogersbennett@ucdavis.edu

Frank Schwing  
Pacific Fisheries Environmental Laboratory  
1352 Lighthouse Avenue  
Pacific Grove ca 93950-2097  
Ph: (831) 648-9034  
Fx: (831) 648-8440  
Franklin.Schwing@noaa.gov

P. Ted Strub  
College of Oceanic and  
Atmospheric Sciences  
Oregon State University  
104 Ocean Admin Bldg  
Corvallis, OR 97331-5503  
Ph: (541) 737-3015  
Fx: (541) 737-2604  
tstrub@coas.oregonstate.edu

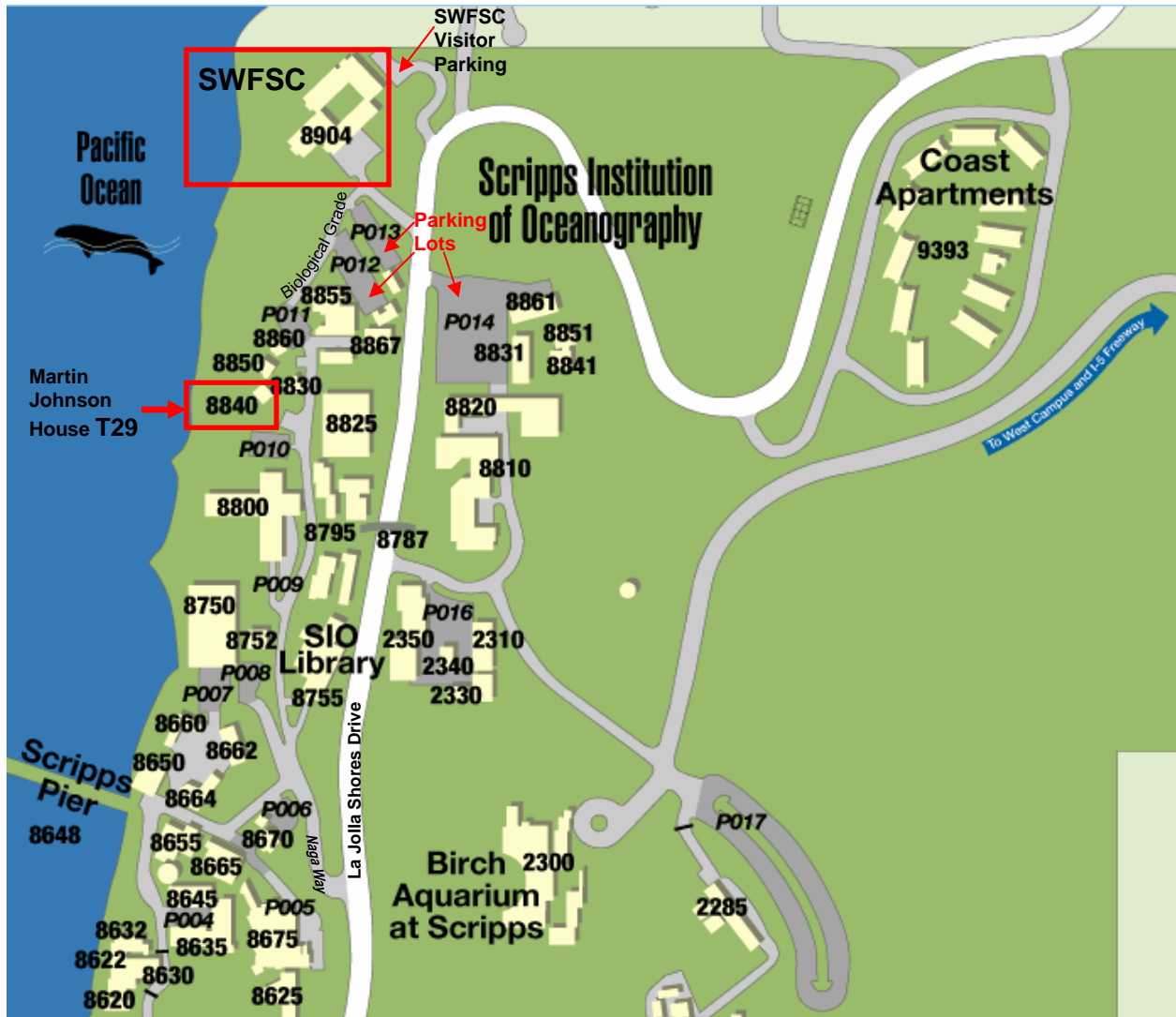
Dennis A. Thoney, Ph.D.  
Director of Marine Laboratory & Facilities  
Humboldt State University  
PO Box 690  
570 Ewing St.  
Trinidad, California 95570  
Ph: (707) 826-3685  
Fx: (707) 826-3682  
dat7001@humboldt.edu

Usha Varansi  
Director  
Northwest Fisheries Science Center  
2725 Montlake Blvd East  
Seattle, WA 98112-2097  
Ph: (206) 860-6795  
Fx: (206) 860-3217  
Usha.Varansi@noaa.gov

Elizabeth Venrick  
Scripps Institution of Oceanography, UCSD  
9500 Gilman Drive  
La Jolla CA, 92093-0227  
Ph: (858) 534-2068  
Fx: (858) 534-6500  
evenrick@ucsd.edu

Patricia Wolf  
Regional Manager  
California Department of Fish & Game  
4665 Lampson Avenue, Suite C  
Los Alamitos, CA 90720  
Ph: (562) 342-7108  
Fx: (562) 342-7139  
pwolf@dfg.ca.gov





Parking at SWFSC Visitor Parking or university lots P012, P013 or P014 require permits. Pickup permits at SWFSC Reception Desk.

