

## **Distributed Materials**

Draft Meeting Agenda. 2 pages.

Draft Meeting Summary, OPAC. March 28, 2008. 4 pages.

Proposal Form for Sites for Further Review. OPAC Marine Reserves Process. Draft dated 5-21-08. 2 pages.

OPAC Course Review Criteria. OPAC Marine Reserves Process. Draft dated 5-21-08. 2 pages.

OPAC Marine Reserves Guidance. Draft dated 5-15-08. 3 pages.

Economics Workshop. Scientific and Technical Advisory Committee. Draft Plan dated 5-19-08. 2 pages.

Overview of Marine Reserves Process, Draft dated 5-19-08. One page.

Marine Reserves Process: Schedule for the Proposal Process. Draft dated 5-19-08. One page.

F.A.C.T. Fisherman Advisory Committee for Tillamook. February 2008. One page.



# Oregon

Theodore R. Kulongoski, Governor

## Oregon Coastal Management Program Department of Land Conservation and Development

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### Oregon Ocean Policy Advisory Council Draft Meeting Agenda\*

Wednesday, May 21, 2008 - WEWG; MRWG Meetings

Thursday, May 22, 2008, 8:30 am - 5:00 pm - Regular Meeting

Oregon Institute of Marine Biology, 63455 Boat Basin Road, Charleston

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\*Please note that this agenda is an attempt to give notice of the intended sequence of events at the meeting. Time or topics may change up to the last minute, but the Chair will try to make sure that public comment opportunities are related to discussion of major issues or decisions as indicated below.

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#### Wednesday - Working Group Meetings Boathouse Auditorium, OIMB

9:30 am The Wave Energy Working Group (WEWG) will meet Wednesday, May 21<sup>st</sup> from 9:30 am to 12:30 pm to discuss wave energy issues.

1:00 pm The Marine Reserves Working Group (MRWG) will meet on Wednesday, May 21<sup>st</sup> from 1:00 pm to 5:00 pm. Please refer to the MRWG agenda for details.

#### Wednesday Evening - OPAC Social

7:00 pm Bonfire at OIMB. Low-tide at 7:30 pm. Sunset is 8:40 pm. Beverages & S'mores potluck.

#### Thursday - Regular OPAC Meeting Boathouse Auditorium, OIMB

8:30 am Welcome and Introductions - *Scott McMullen* (OPAC Chair), *Council Members*

8:35 am Review and Approval of Minutes of *last* OPAC Meeting (10 minutes) - *Scott McMullen* (OPAC Chair), *Council Members*  
Scott will **review** the minutes and ask for amendments and council **adoption**, as amended.

8:45 am OPAC Member Nameplates (5 minutes) - *Scott McMullen* (OPAC Chair)  
Scott will **review** a suggestion to put OPAC membership status on individual members' nameplates, and ask for council's **adoption** of this policy.

8:50 am Updates to the OPAC Procedures (15 minutes) - *Scott McMullen* (OPAC Chair)  
Review of a proposal to amend the Meeting Records paragraph of the OPAC Procedures Document to read:

"All Council meetings will be videotaped to provide an official record. Written minutes will be prepared, as required by Oregon law (ORS 192.650(1)), and posted on the OPAC website. ~~Citizens, agency staff, and Council members are encouraged to view the video record that also will be posted on the OPAC website.~~

- 9:05 am Election of Officers (25 minutes) - *Roy Elicker/Ed Bowles* (Governor's Representative)  
The terms of office of the three OPAC Officers (Chair, Vice-Chair, Executive at Large) expire at the end of June 2008. OPAC will elect new officers for the next two years (terms ending June 30, 2010).
- 9:30 am OregonMarineReserves.net web site (45 minutes) - *Paul Klarin* (DLCD)  
Paul will **report** on the MarineReserves.net website. OPAC will be asked to **delegate** authority to a website steering committee for vetting content for the website.
- 10:15 am Break (15 minutes)
- 10:30 am Territorial Sea Plan Working Group (45 minutes) - *David Allen & Paul Klarin*  
David will **report** on the Executive Committee's recommendation on the membership of a working group to address OPAC's decision on amendments to the Territorial Sea Plan. Oregon Sea Grant will report on their activities regarding wave energy.
- 11:15 am OPAC Marine Reserves Guidance Document (45 minutes) - *Jim Good* (OPAC Vice-Chair)  
Jim will **present** the new revisions of the Marine Reserves Guidance Document for OPAC's approval. The changes reflect consideration of public comments, the Governor's Executive Order, and comments from OPAC.
- 12:00 pm Working Lunch for OPAC members - unfinished business from the morning session.
- 12:30 pm Public Comment (60 minutes) - *Scott McMullen* (OPAC Chair)  
Members of the public who wish to provide comments to OPAC are asked to sign in on a comment sheet prior to the public comment period. **The total time will be divided evenly among those signed up to speak. Members of the public with written comments are advised to submit them in written form, as time limits will be strictly observed.**
- 1:30 pm Marine Reserves Site Proposal Process (30 minutes) - *Ed Bowles* (ODFW)  
Ed will describe plans for the Marine Reserves process of the next few years.
- 2:00 pm Marine Reserves Working Group (30 minutes) - *Frank Warrens* (MRWG Chair)  
Frank will **report** from the Marine Reserves Working Group on developments and submission of the *Site Proposal Form* and *Coarse Review Criteria*.
- 2:30 pm Break (15 minutes)
- 2:45 pm Marine Reserves Site Proposal Process (120 minutes) - *Jane Brass Barth*  
ODFW will accept final comments on the marine reserves *Site Proposal Form* and *Coarse Review Criteria* before they are released to the public.
- 4:45 pm Other Issues Raised by Members; Announcements of Coming Events (15 minutes)  
Scott McMullen (OPAC Chair) Agenda items and new issues for the next OPAC meeting (TBA) will be solicited.
- 5:00 pm Adjourn

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Logistics: Location <http://www.uoregon.edu/~oimb/About/map.html> Please park in the visitor parking lot on Boat Basin Road and walk to the boathouse.

Contact Information: Jay Charland - 503 373-0050 x 253 [jay.charland@state.or.us](mailto:jay.charland@state.or.us)

**Oregon Ocean Policy Advisory Council**  
**DRAFT Meeting Summary**  
**March 28, 2008**  
**Newport, Oregon**

**Issues Decided/Positions Taken**

- The council approved the draft minutes from the January 8, 2008 meeting without changes.
- The council decided to proceed with the development of a Territorial Sea Plan Working Group, with membership to be determined by the Executive Committee and the Chair. The proposed TSPWG will be discussed at the next Executive Committee meeting.
- The council decided to write to STAC requesting a socioeconomic workshop. The workshop should address what information is currently available, what information is needed for the Territorial Sea Plan, Wave Energy, and Marine Reserves, and how those needs could be filled. The workshop would also address the cost of developing this information.
- Scott McMullen will write a letter on behalf of OPAC to STAC acknowledging receipt of the STAC timing memo.
- The council appointed Jeff Feldner to the STAC.
- The council decided to issue a press release on the recent public outreach effort to fishing communities, and the Governor's Executive Order. ODFW work with staff and the Chair to write and issue the press release.
- The council will rewrite and resubmit a letter to Oregon's US Congressional delegation requesting funding for seafloor mapping.
- Scott McMullen and Frank Warrens will write a letter of thanks to Jessica Hamilton for her service to OPAC.

**Action Items**

- OPAC members will indicate to Jay Charland their desire to serve on the Territorial Sea Plan Working Group.
- Press release - ODFW
- Letter to Jessica Hamilton - Scott McMullen, OPAC Chair
- Letter of support for sea floor mapping funding to Oregon's Congressional delegation - OPAC
- Letter of acknowledgement and thanks to STAC for their memo on marine reserves timing - Scott McMullen, OPAC Chair
- Request to the STAC for a workshop on socioeconomic factors - OPAC

**Next Meetings**

OPAC: Thursday, May 22, 2008. OIMB in Charleston. MRWG: Monday, April 21, 2008. WEWG: May 21, 2008. The TSP Study Group will not meet before the next OPAC meeting.

## Attendance

Members Present (voting): **David Allen** (Public at Large); **Jim Bergeron** (Ports, Marine Transportation, Navigation); **Jack Brown** (Coastal City Elected Official); **Paul Engelmeyer** (Statewide Conservation or Environmental Organization); **Jim Good** (Public at Large); **John Griffith** (South Coastal County Commissioner); **Robin Hartmann** (Coastal Conservation or Environmental Organization); **Scott McMullen** (North Coast Commercial Fisheries); **Brad Pettinger** (South Coast Commercial Fisheries); **Jim Pex** (South Coast Charter, Sport or Recreational Fisheries); **Fred Sickler** (Coastal Non-Fishing Recreation); **Terry Thompson** (North Coastal County Commissioner); **Frank Warrens** (North Coast Charter, Sport or Recreational Fisheries). [13]

Members Present (ex officio): **Jonathan Allen** (DOGAMI); **Patty Burke** (Department of Fish & Wildlife); **Roy Elicker** (Governor's Office); **Dalton Hobbs** (Department of Agriculture); **Onno Husing** (Oregon Coastal Zone Management Association); **Paul Klarin** (Department of Land Conservation & Development); **Jeff Kroft** (Department of State Lands); **Vicki McConnell** (Department of Geology and Mineral Industries); **Jim Myron** (OPRD); **Greg Pettit** (Department of Environmental Quality); **Jay Rasmussen** (Oregon Sea Grant College); **Louise Solliday** (Department of State Lands). [12]

Federal Representative: **Cathy Tortorici**, (NOAA Fisheries)

Members Absent: **Robert Kentta** (Oregon Coastal Indian Tribes); **Tim Wood** (Department of Parks & Recreation).

Invited Speakers: None

Staff: **Ed Bowles** (ODFW); **Jay Charland** (Department of Land Conservation & Development, OPAC principal staff); **Lorinda DeHaan** (Department of Land Conservation & Development); **Jeff Feldner** (Oregon Sea Grant); **Ginny Goblirsch** (Oregon Sea Grant); **Laurel Hillmann** (Department of Parks & Recreation).

Public Comment speakers (with affiliation if provided): **Steve Bodnar** (Coos Bay Trawlers' Assn); **Lucie LaBonte** (Curry County Commissioner); **Loren Goddard** (Depoe Bay NSAT); **Deborah Boone** (State Representative, HD 32); **Pete Stauffer** (Surfrider); **Walter Chuck** (RFA/OR Anglers); **Leesa Cobb** (POORT); **Ron Mason**; **Megan Macky** (PMCC); **Peg Reagan** (Gold Beach); **Charlie Plybon** (Surfrider); **Cindy Ashy**; **John Holloway** (RFA/OR Anglers); **Ben Entichap** (Oceana); **Gus Gates** (Our Ocean); **Nick Furman** (ODCC); **Nan Evans** (TNC); **PJ Collson**; **Nicole Forbes** (Environment Oregon); **Sam Valenti**.

## Distributed Materials

Listening and Learning: Marine Reserves Coastal Community Forums. CD. Oregon Sea Grant.

STAC Memo to OPAC – October 29, 2007 – Selected elements

Size and Spacing Workshop. Heppell, S. Oregon State University

Oregon Marine Reserves: Options Going Forward.

Memo to OPAC from Gov. Kulongoski. March 26, 2008.

Executive Order 08-07. “Directing State Agencies to Protect Coastal Communities in Siting Marine Reserves and Wave Energy Projects.”

Letter from Gov. Kulongoski to FERC and Ocean Power Technologies, Inc. March 26, 2008.

Memorandum of Understanding between FERC and the State of Oregon. March 26, 2008.

Exerpts from “OPAC Marine Reserves Process & Briefing on Request for OSU Sea Grant Outreach to Oregon’s Coastal Communities.” OSU Sea Grant.

Memo to OPAC and MRWG from Ginny Goblirsch, Oregon Sea Grant. March 27, 2008.

Marine Reserves: Listening and Learning. Oregon Sea Grant web document.  
<http://seagrants.oregonstate.edu/outreach/reserves.html>.

### Video Index

Setting next meeting dates	Disk 1, 2:45	Email*etiquette	Disk 1, 7:00
Review of minutes	Disk 1, 8:30	Wave Energy Working Group	Disk1, 9:15
Territorial Sea Plan study group	Disk 1, 23:30	Report from the Governor’s Office	Disk 2, 11:15
STAC Report/Size and spacing workshop	Disk 3, 3:00	Socioeconomic workshop discussion	Disk 3, 11:15
Addition to STAC membership	Disk 3, 18:50	Report on outreach process	Disk 3, 34:40
Press release, initial proposal	Disk 4, 44:20	Public Comment	Disk 5, 7:40
Action on Marine Reserves Planning	Disk 6, 32:00	Action on Marine Reserves Planning, cont’d	Disk 7

Press release, motion and action	Disk 8, 33:50		Other issues	Disk 8, 38:00
Jessica Hamilton letter	Disk 8, 41:35			



## OPAC Marine Reserves Process

DRAFT 5/21/2008 Proposal Form for Review

This document was prepared by the Ocean Policy Advisory Council (OPAC). Until final approval is given by OPAC, this document is a working draft only.

# PROPOSAL FORM FOR SITES FOR FURTHER EVALUATION

**PLEASE PROVIDE THE FOLLOWING INFORMATION, TO THE BEST OF YOUR KNOWLEDGE:**

**1. Where is the site located? What are its boundaries?**

**How many nautical miles does the site extend: a) along the coastline, and b) offshore?**

Please use common place names, latitude/longitude or other boundaries, and onshore geographic references to identify the site. Also include a map or chart showing the proposed boundaries of the site.

**2. Describe how the size, location, and characteristics of this site allows for scientific evaluation of ecological benefits.**

**3. How does this site avoid significant adverse economic and social impacts on ocean users and ocean-dependent communities?**

Describe existing and potential future uses/users of the site, and estimate the degree they will be positively or negatively affected. Describe how the site is designed to be compatible with the needs of coastal communities.

**4. To your knowledge, what habitat type(s) are present within the site?**

Please check each appropriate box. If known, provide the approximate percentage represented by each habitat type.

If you have additional information about habitat(s) at the site, please describe.

Habitat Type	Intertidal (EHTL – ELTL)	0-25 m deep	> 25 m deep
Rocky Intertidal	<input type="checkbox"/> _____ %		
Rocky Subtidal with Canopy-Forming Kelp		<input type="checkbox"/> _____ %	
Rocky Subtidal (without canopy-forming kelp)		<input type="checkbox"/> _____ %	<input type="checkbox"/> _____ %
Soft Bottom Subtidal		<input type="checkbox"/> _____ %	<input type="checkbox"/> _____ %
Special natural features or characteristics, or other habitat types (please describe):			

**Note:** Intertidal habitat is between the extreme high tide line (EHTL) and extreme low tide line (ELTL). For the rest of the habitats, "0" represents the territorial sea coastal baseline of Mean Lower Low Water (MLLW) and it is possible that some habitat types may overlap.

## OPAC Marine Reserves Process

### DRAFT 5/21/2008 Proposal Form for Review

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5. **What animal and plant species do you know exist at this site?**  
If known, provide statements about the relative abundance of species. Please indicate how knowledge of species and abundances was obtained (e.g., as a user of this site, scientific research you have conducted at this site, based on a study someone else has conducted at this site).
6. **How was enforcement/compliance of future regulations considered in the design of this site?**
7. **What is the community support for this proposal?**  
Please list the people, groups, and/or organizations that have worked to develop and support this proposal. Briefly, describe the steps you took to develop this proposal, to collaborate with coastal community members, ocean users, and other interested parties and gather support.
8. **List potential research opportunities at this site, including opportunities for collaborative and cooperative research.**
9. **Are there areas with similar habitats and other characteristics to this site, reasonably close by, that could be used as a non-reserve research comparison area? If so, where are they located?**
10. **Please provide additional site characteristics, including:**
  - a) What existing or proposed infrastructure/developments are located within or adjacent to this site? (e.g., a submarine cable, dredge spoil disposal site, wave energy project, port)
  - b) What land or watershed activities/conditions exist adjacent to this site? (e.g., land development and use, river or estuary use)
  - c) What protected areas exist in the terrestrial or marine environment adjacent to or within this site? (e.g., state park, marine garden, National Wildlife Refuge rock or island, site based fishery regulations, etc.)
  - d) Other characteristics you wish to describe.
11. **Potential economic development opportunities:**  
If economic development money is made available to a coastal community, please describe a community project that you would be interested in pursuing.
12. **Optional:** Please describe any other reasons you think this site warrants further evaluation and study as a potential marine reserve site.
13. **Optional:** What other information would you like us to have about this site or your proposal (e.g., if you're submitting more than one proposal, how do they address the system-wide criteria).

## **OPAC Marine Reserves Process**

### **DRAFT 5/21/2008 OPAC Coarse Review Criteria for Review**

This document was prepared by the Ocean Policy Advisory Council (OPAC). Until final approval is given by OPAC, this document is a working draft only.

## **OPAC COARSE REVIEW CRITERIA**

Proposed sites for further evaluation need to try to meet a select set of criteria (i.e., OPAC's "coarse review" process per Executive Order No. 08-07) in order to be considered for further evaluation in the marine reserves process (i.e., selected as an evaluation site). The proposal form specifically addresses these criteria to demonstrate how a proposal meets the coarse review criteria and establishes justification for a proposal being selected as an evaluation site. The coarse review is based upon the goals and objectives, developed by OPAC, of the Oregon marine reserve system. The coarse review is also influenced by the governor's Executive Order, the Governor's previous sideboards to the process, and what is realistically achievable.

### **1. DRAFT GOAL AND OBJECTIVES OF THE OREGON MARINE RESERVE SYSTEM (Developed by OPAC)**

#### **1.1 Goal:**

Protect and sustain a limited system of ecologically-special places in Oregon's Territorial Sea to conserve marine habitats and biodiversity; provide a framework for scientific research and effectiveness monitoring; and avoid, to the extent practicable, potential adverse social and economic effects on ocean users and ocean-dependent communities. A limited system is a collection of individual sites that are representative of marine habitats and that are ecologically significant when taken as a whole.

#### **1.2 Objectives:**

- 1) Protect areas within each biogeographic region of Oregon's Territorial Sea that are important to the natural diversity and abundance of marine organisms, including areas of high biodiversity and special natural features.
- 2) Protect key types of marine habitat in multiple locations along the coast to enhance resilience of nearshore ecosystems to natural and human-caused effects.
- 3) Site marine reserves and design the limited system of reserves in ways that are compatible with the needs of coastal communities by avoiding, to the extent practicable, potential adverse social and economic effects.
- 4) Use the marine reserves as ecological reference areas by conducting ongoing research and monitoring of reserve condition, effectiveness, and the effects of natural and human-induced stressors. Use the research and monitoring information in support of adaptive management.

### **2. GOVERNOR'S SIDEBOARDS TO THE MARINE RESERVES GOALS, OBJECTIVES AND PROCESS (From Executive Order and Governor's Statements/ Correspondences)**

- 1) No more than nine sites can be selected
- 2) Process to propose sites for further evaluation begin by July 1, 2008.
- 3) The proposal form shall address site location characteristics, potential biological, social and economic impacts, potential economic development opportunities, and any research opportunities.
- 4) By December 1, 2008 use coarse review criteria as a filter to review proposals resulting in recommendation of sites that warrant further evaluation.
- 5) Give priority consideration to collaborative community-based (coastal community members, ocean users and other interested parties) proposals for sites for further evaluation.
- 6) Sites are large enough to allow scientific evaluation of ecological benefits, but small enough to avoid significant economic or social impacts.

## OPAC Marine Reserves Process

### DRAFT 5/21/2008 OPAC Coarse Review Criteria for Review

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- 7) Develop additional criteria by January 1, 2009, to more fully evaluate biological, social, and economic impacts of sites following legislative funding.
- 8) Submit a budget package to the Governor's office by November 1, 2008 for financing, budgeting and implementing OPAC's marine reserve recommendation process in the 2009-11 biennium.

### 3. CRITERIA FOR COARSE REVIEW OF PROPOSED SITES FOR FURTHER EVALUTION

Proposals will be reviewed based on how well they meet the coarse review criteria. Proposals meeting more criteria will have a better chance of being recommended for further evaluation. The coarse review consists of **site-specific criteria** (criteria addressed in the proposal form for each individual site) and **system-wide criteria** (criteria used to collectively review proposals for a state-wide perspective).

#### 3.1 Site-specific criteria:

- 1) Habitat representation (**Objectives 1, 2, and 4**)
  - a) Proposed site includes a variety of key habitat types; or
  - b) In regions of homogenous habitat, the proposed site includes a valued contiguous single key habitat type; or
  - c) Proposed site includes special natural features or characteristics.
- 2) Proposed site is large enough to allow scientific evaluation of ecological benefits, but small enough to avoid significant economic or social impacts on ocean users and ocean-dependent communities. (**EO, Objectives 3 - 4**)
- 3) There is, in reasonably close proximity to the proposed site, an area that can be used as a non-reserve comparison area. (**EO, Objective 4**)
- 4) Proposal addresses the potential impacts of existing or proposed infrastructure such as a submarine cable, dredge spoil disposal site, wave energy project, port bar or access point. (**Objective 3**)
- 5) Proposal describes adjacent protected areas in the terrestrial or marine environment, if present, and/or describes adjacent marine, land or watershed uses that may affect the site. (**Objectives 1 and 3**)
- 6) Proposed site will avoid significant adverse social and economic effects on ocean users and ocean-dependent communities. The proposal includes information on existing and potential future uses/users of the proposed study area, and an estimation of the degree to which uses/users will be positively or negatively affected. (**EO, Objective 3**)
- 7) Proposal was developed by collaborative community-based teams comprised of coastal community members, ocean users and other interested parties. (**EO**)
- 8) Enforcement/compliance of proposed site (if it was later designated as a marine reserve) is realistic.

#### 3.2 System-wide criteria:

- 1) Includes nine or fewer sites. (**EO**)
- 2) Includes sites dispersed along the coast. (**Objectives 1, 2 and 4**)
- 3) Collectively, sites represent key habitat types in replicate. (**Objective 2**)
- 4) Collectively, sites are large enough to allow scientific evaluation of ecological benefits, but small enough to avoid significant economic or social impacts. (**EO**)

## OPAC MARINE RESERVE GUIDANCE

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### INTRODUCTION

This document was prepared by the Oregon Ocean Policy Advisory Council (OPAC). The current language in this document is based on changes made by OPAC at their meeting on ~~(insert date here)~~ 2008. Until OPAC completes reviewing and gives final approval to this document, all content is subject to changes, additions or deletions, including those resulting from implementation and completion of outreach. Until final approval is given by OPAC, this document is a working draft only.

Comment [LH1]: Need to insert date when the document is finalized and remove the below language.

### MARINE RESERVE DEFINITION

A marine reserve<sup>1</sup> is an area within Oregon's Territorial Sea or adjacent rocky intertidal area that is protected from all extractive activities, including the removal or disturbance of living and non-living marine resources, except as necessary for monitoring or research to evaluate reserve condition, effectiveness, or impact of stressors such as climate change.

### OVERALL PURPOSE OF OREGON'S MARINE RESERVE SYSTEM

The State of Oregon is establishing a limited system of less than ten marine reserves along our coast as part of an overall strategy to manage its marine waters and submerged lands using an ecosystem-based approach. The overall purpose of marine reserves is to provide an additional tool to help protect, sustain, or restore the nearshore marine ecosystem, its habitats, and species for the heritage values they represent to present and future generations. Such action complements the collective efforts of Oregon, Washington, and California to manage the California Current in an ecosystem-based manner as expressed in the West Coast Governors' Agreement on Ocean Health.

Deleted: Marine reserves are intended to provide lasting protection. However, based on monitoring and evaluation, individual sites may later be altered, moved, or removed from the limited system in order to meet prescribed goals and objectives.

### MARINE RESERVE GOAL

Protect and sustain a limited system of ecologically-special places in Oregon's Territorial Sea to conserve marine habitats and biodiversity; provide a framework for scientific research and effectiveness monitoring; and avoid significant adverse social and economic effects on ocean users and coastal communities.

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A limited system is a collection of individual sites that are representative of marine habitats and that are ecologically significant when taken as a whole.

### MARINE RESERVE OBJECTIVES, PRINCIPLES AND GUIDELINES

The following objectives apply to the entire marine reserve process. The following planning principles and guidelines are designed to guide the proposal process, selection, implementation and management of marine reserves. The objectives, principles and guidelines are not prioritized.

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<sup>1</sup> Words that are in the definitions section (pages 6-9) are bolded the first time they appear in the text.

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### Marine Reserve Objectives

1. Protect areas within each **biogeographic region**<sup>1</sup> of Oregon's Territorial Sea that are important to the natural diversity and abundance of marine organisms<sup>2</sup>, including areas of high biodiversity<sup>3</sup> and special natural features<sup>4</sup>.
2. Protect key types of marine habitat<sup>5</sup> in multiple locations along the coast to enhance **resilience** of nearshore ecosystems to natural and human-caused effects.
3. Site marine reserves and design the limited system of reserves in ways that are compatible with the needs of ocean users and coastal communities. These marine reserves, individually or collectively, are to be large enough to allow scientific evaluation of ecological benefits, but small enough to avoid significant economic or social impacts.
4. Use the marine reserves as **ecological reference areas** by conducting ongoing research and monitoring of reserve condition, effectiveness, and the effects of natural and human-induced stressors. Use the research and monitoring information in support of **adaptive management**.
5. Although marine reserves are intended to provide lasting protection, individual sites may later be altered, moved, or removed from the limited system, based on monitoring and evaluation, in order to meet prescribed goals and objectives.

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### Marine Reserve Planning Principles and Guidelines

1. The public, including ocean users, coastal communities and other stakeholders, will be involved in the marine reserves proposal process, selection, regulation, monitoring and enforcement of marine reserves.
2. Outreach and engagement will be an ongoing part of the marine reserves planning and implementation process. Available scientific and other information will be made available to the public through outreach and websites.
3. Science and **local knowledge** will be used in the selection process for marine reserves. Such information will also be used to monitor and adaptively manage them into the future.
4. The planning process will encourage coordinated and collaborative marine reserve proposals from communities of place or interest. Communities of place may include cities, towns, and ports; communities of interest may include fishing organizations, fishery/gear groups, governmental and inter-governmental organizations, and non-governmental organizations. Priority consideration will be given to proposals developed by teams comprised of coastal community members, ocean users and other interested parties.
5. The design and siting of marine reserves will take into account the existing regulatory regimes (e.g., fisheries management, **ocean shore** management, watershed management, land use planning, and water quality regulations) along with existing and emerging uses such as buried cables, ocean outfalls, wave energy, and proximity to ports.
6. The limited system of marine reserves will contain sites of sufficient size and spacing to protect and sustain ecologically special places in Oregon's Territorial Sea and to conserve marine habitats and biodiversity while avoiding significant adverse economic or social impacts.

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### Preliminary<sup>6</sup> Marine Reserve Implementation Guidelines and Principles

1. **Ecosystem based management** will be used as a guiding principle.
2. The marine reserve system as a whole and each individual marine reserve will have a plan that includes clearly defined objectives, monitoring protocols, enforcement provisions, effective

**Draft OPAC Marine Reserve Guidance**  
**Last revised based on public input on 5/15/2008**

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management measures, and a commitment of long-term funding necessary to achieve its goals.

3. Marine reserves will be adequately enforced.
4. Marine reserves will be adequately monitored and evaluated in support of adaptive management. Cooperative and collaborative research will be encouraged as well as utilization of fishing vessels as research platforms. These activities will be compatible with the goal of conserving marine habitats and biodiversity.
5. Educational, recreational, ecotourism activities and economic development opportunities that are compatible with the goal of conserving marine habitats and biodiversity will be encouraged.
6. Marine reserves are not intended to prevent marine transit, safe harbor, and beach access.
7. Significant adverse social and economic effects of marine reserves on ocean users and coastal communities will be avoided and positive social and economic effects will be sought.

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**NOTES**

<sup>1</sup> This does not imply there needs to be an equal number of reserves in each region. There are two biogeographic regions, one from the mouth of the Columbia River to Cape Blanco, and the second from Cape Blanco to Cape Mendocino (which is located in Northern California).

<sup>2</sup> This includes areas essential to marine organism life histories and behaviors. Examples include areas important for marine species reproduction, including nurseries, spawning areas, egg production sources, recruit aggregation areas, larval dispersal routes, and adult as well as juvenile movement between depths.

<sup>3</sup> Habitat types based on depth and bottom structure may serve as surrogates for organism community types.

<sup>4</sup> Examples of special natural features may include geological formations (such as canyons or pinnacles), seafloor vents, dominant oceanographic fronts, major river plumes, ocean current eddies or jets.

<sup>5</sup> An individual reserve can contain more than one habitat type. See definitions section.

Key Types of Marine Habitat for Marine Reserves	
Rocky intertidal	
Soft bottom	0-25 meters
subtidal	greater than 25 meters depth
Hard bottom	Low topographical relief (0-25 m)
subtidal	High topographical relief (0-25 m)
	Low topographical relief (over 25 m depth)
	High topographical relief (over 25 m depth)
	Kelp forest

Note: "0" is defined as the coastal baseline of Oregon's Territorial Sea (see definitions).

<sup>6</sup> These implementation guidelines and principles are very preliminary during this planning stage. Actual implementation guidelines and principles will evolve as the process gets closer to implementation.

**Scientific and Technical Advisory Committee**  
**Ocean Policy Advisory Council**  
**ECONOMICS WORKSHOP**  
**Draft Plan 5/19/08**

**Workshop Objective:** To assemble a small group of people with expertise in Oregon economic data and economic analysis related to marine resources. The workshop task is to assess the status of economic data and analysis with regard to the issue of marine reserves and to reach a series of findings and conclusions regarding the availability and adequacy of data.

**Reporting Objective:** To produce a report to OPAC containing: economic questions relevant to the size and location of marine reserves; an assessment of the existence and adequacy of economic data to analyze the economic impacts of alternative marine reserve configurations (size and location); identification of economic data gaps, description of appropriate analytical methodology.

**Date:** June or July 2008

**Workshop Length:** 1.5 days

**Workshop location:** Hatfield Marine Science Center

**Funding resources:** TBD. Funding will be needed to cover logistical support, participant travel, lodging and per diem.

**Staff resources:** staff assistance will be needed to make meeting arrangements, manage participant travel logistics, provide meeting material, and take notes of meeting discussion.

**Participants:** to be invited

Ten people (to include 2 STAC members) with expertise in marine economics data and analysis from:

Oregon State University

Oregon Department of Fish and Wildlife

Pacific States Marine Fisheries Commission

NMFS Northwest Fisheries Science Center

NMFS Northwest Region

Independent consultants

California

**Presentations:****Ecotrust** Ocean Tools

Proposals for other relevant presentations will be solicited from participants and others.

**Workshop agenda items:** (not necessarily in order)

- Economic questions relevant to marine reserves
- Economic analytical methods relevant to marine reserves
- Economic data requirements
- Inventory of existing economic data
- Identification of data gaps
- Findings and recommendations

**Workshop format:**

Workshop will be open to the public. Discussion will be limited to workshop participants. Public comment periods for meeting observers will be held at the end of each morning and afternoon session.

**Budget:**

<b>Travel --</b> Round trip mileage to Newport from Salem, Portland, Corvallis, Seattle; One California air fare/car rental;	<b>\$1,688</b>
<b>Meals</b>	<b>\$925</b>
<b>Lodging</b>	<b>\$1,060</b>
<b>Logistical &amp; Meeting Support --</b> assistance and supplies	<b>\$1,584</b>
<b>BUDGET SUB-TOTAL</b>	<b>\$5,257</b>
<b>F &amp; A @ 8%</b>	<b>\$421</b>
<b>TOTAL</b>	<b>\$5,678</b>

# Marine Reserves Process: Schedule for the Proposal Process

Mar 08	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan 09
Executive Order 3/26	STAC Size & Spacing Workshop 4/10-11			STAC Economics Workshop (date TBD)						
		<p><b>Sea Grant &amp; ODFW Outreach:</b></p> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 5px; width: 25%;">Meetings to Update &amp; Launch Proposal Process</div> <div style="border: 1px solid black; padding: 5px; width: 25%;">Proposal Workshops</div> <div style="border: 1px solid black; padding: 5px; width: 40%;">Follow-up Meetings (Dates TBD sometime Oct-Dec)</div> </div> <p>Provide on-going support to community teams developing proposals</p>								
Develop coarse review criteria and proposal form for sites for further evaluation		Public proposals of sites for further evaluation					Agencies coarse review followed by OPAC review of agency analysis (Finalize OPAC recommendations by December 1)			
		State Agency Budget Development								
		State Agencies develop fine review criteria by January 1 for sites recommended for further evaluation								

# Overview of Marine Reserves Process

<b>Current Biennium</b>		<b>Future Biennia (dependent on funding)</b>	
<b>Proposal Process</b>	<b>Budget</b>	<b>Evaluation</b>	<b>Implementation</b>
<b>2008</b>	<b>Jan – June 2009</b>	<b>July 2009 – June 2011</b>	<b>July 2011 – beyond</b>
<ul style="list-style-type: none"> <li>• Proposed sites for further evaluation submitted</li> <li>• Coarse review conducted and sites recommended for more detailed evaluation</li> <li>• Fine review criteria developed for the detailed evaluation of sites next biennium</li> <li>• Budget for detailed evaluation of sites submitted to governor</li> </ul>	<ul style="list-style-type: none"> <li>• Budget legislatively reviewed and approved</li> </ul>	<ul style="list-style-type: none"> <li>• Data collected and sites evaluated</li> <li>• Potential marine reserve sites identified consistent with evaluation results</li> </ul>	<ul style="list-style-type: none"> <li>• Marine reserves designated (through public rule making)</li> <li>• Marine reserves implemented (e.g., management, research, monitoring, enforcement)</li> </ul>

# **F.A.C.T.**

## **FISHERMAN ADVISORY COMMITTEE FOR TILLAMOOK**

*February 2008*

- FACT exists to provide a strong, unified voice from the fishing community to the Tillamook Board of Commissioners, TIDE, researchers, developers, etc. The mission of FACT is to provide input and advice on:
  - Access issues (wave energy siting criteria and locations),
  - Environmental and biological issues (anchoring, effects on habitat and creatures),
  - Safety issues (navigation, emergency, safety),
  - Benefits and other issues (economic development opportunities, dredging, etc.), and
  - *other related ocean issues.*
  
- FACT has two co-chairs -- a commercial co-chair (Paul Meyer) and a charter/rec co-chair (Linda Buell) -- who have agreed to serve in this capacity and use and learn the skills to do so well.
  
- FACT is a diverse group from across the county; 13 interest slots are represented:
  - (6) **Commercial fishing** (shrimp / groundfish trawl, troll salmon, hook and line / pot, crab, processing, dory fleet).
  - (3) **Charter fishing**
  - (3) **Sport / recreational fishing**
  - (1) **At-Large** (not currently making a living connected to commercial, charter, or recreational fishing)
  
- There are 26 members of FACT, *all with equal importance, rights and responsibilities.* There is 1 representative plus 1 (or 2 in some cases) alternate for each interest slot. In the event that both the alternate and the representative are present, they share one vote for that interest slot.
  
- Decisions are made by voting after thorough, consensus standard discussion. As long 2/3rds of the interest slots are present at a meeting -- 4 slots for commercial, 2 slots for rec/sport/at-large and 2 slots for charter -- then decisions can be made.
  
- The criteria for serving as a member (representative or alternate) include:
  - Connection to one or more of the interest slot groups (commercial, charter, sport)
  - Knowledge of the ocean, habitat, gear
  - Ability to work cooperatively and respectfully with others
  - Willingness to listen and provide input at meetings
  - Commitment to communicate -- *listen and share what's happening with others within your interest slot group (fishery, gear, etc.) outside of the FACT meetings.*
  
- Expectations of service:
  - Members are expected to learn about the general aspects of wave energy (technology, permits, etc.)
  - Members are expected to provide input to the Tillamook Board of Commissioners, TIDE, researchers, developers, etc. about wave energy siting criteria and locations, potential conflicts between wave energy plant(s) and fishing, navigation issues, anchoring systems, economic development opportunities, and other related coastal issues.
  - Members are expected to serve for their appointed time.
  - Members are appointed by the Tillamook Board of Commissioners. Members are expected to serve at the discretion of the Board, or until a member resigns, or until FACT is disbanded by the Board.