

WASHINGTON COASTAL MARINE ADVISORY COUNCIL

October 10, 2012 ~ 10:00am – 3:00pm

Port of Greys Harbor ~ Aberdeen WA

Meeting Summary

ATTENDANCE

See Attachment 1

DECISIONS & ACTION ITEMS The following items were decided during the meeting. For more details on the actions, please see Attachment 2.

- WCMAC adopted the following mission statement: “The Washington Coastal Marine Advisory Council is a strong voice for coastal communities on marine resource issues, protecting and preserving existing sustainable uses, marine-based economies and healthy marine ecosystems.”
- WCMAC formed a committee to work with DNR to identify priorities and projects for marine spatial planning for potential funding in the next biennial budget. The committee will be comprised of Rich Osborne (chair of the committee), Casey Dennehy, Dale Beasley, Rod Fleck, Mike Nordin and Key McMurry.
- The Attorney General’s Office review of the operating procedures found no legal issues. Therefore, the operating procedures, which were adopted at the last meeting, are now final.
- WCMAC agreed to recommend to the Director of Ecology to add a seat for the Washington Coast Sustainable Salmon Partnership (WCSSP), and fill that seat with WCSSP Board Chair, Mark Swartout.
- Ecology will continue to advertise the tourism seat. WCMAC members will send Ecology suggestions on places to advertise the seat and people to approach.
- Chair Doug Kess will follow up with Wahkiakum County MRC to determine their position on adding an additional seat for each MRC. The WCMAC decided to have a discussion about membership and the need for additional seats on an annual basis.
- The next meeting will take place in January in Olympia. Amanda will send a doodle poll to set a preliminary date; the date will be subject to change to accommodate legislators’ schedules. Members asked that the Washington State Legislature’s Coastal Caucus, House Agriculture and Natural Resource Committee and the Senate Energy, Natural Resource and Marine Waters Committee be invited.
- WCMAC agreed to have six meetings next year. These meetings dates will be set at the January meeting.
- DNR asked members for feedback about how to reduce the amount of derelict and abandoned vessels and how to fund their removal and clean up. DNR provided an information sheet with contact information for members wishing to provide ideas.
- Members will send additional suggestions for agenda items to Chair Doug Kess and the Agenda Committee. Doug also asked any members that were interested in joining the Committee to contact him.

- The WCMAC approved the October 10th meeting agenda.
- The WCMAC approved the July 27th meeting summary.

WELCOME & INTRODUCTIONS

Chair Dog Kess welcomed members to the meeting and introduced new WCMAC members Casey Dennehy with Surfrider representing recreation, and Rick Lovely with Grays Harbor PUD and Jeff Ward with Pacific Northwest Laboratory representing energy. Doug then asked members to introduce themselves by stating their names and affiliations.

REVIEW AND APPROVE AGENDA & JULY MEETING SUMMARY

Doug reviewed the meeting agenda and asked the Council for comments. No comments were given, the WCMAC approved the agenda.

Doug then asked the Council for comments on the July 27th meeting summary. There were no comments and the WCMAC approved the July meeting summary.

COMMITTEE REPORTS

Agenda Committee

Doug asked the Council to suggest agenda items for the next meeting. Members suggested inviting local elected officials, including Washington State Legislature's Coastal Caucus, House Agriculture and Natural Resource Committee and the Senate Energy, Natural Resource and Marine Waters Committee be invited. Members would like to ensure that legislators know the WCMAC is available as a resource to them on marine policy and discuss how to improve the process to provide input on projects and priorities for future funding.

Operations Committee

At the July WCMAC meeting, the Council asked the Drafting Committee to review proposals to add additional seats. Doug reported that the Operations Committee held a conference call to discuss suggested options. The Committee decided to go back to each MRC to determine their preference for adding an additional seat.

Doug asked each of the MRC representatives on the Council to give their MRC's position on adding an additional seat.

Pacific County MRC: Mike Nordin reported that Pacific County MRC supports adding the seats as an opportunity for the counties to have increased representation.

North Pacific County MRC: Rod Fleck reported that North Pacific MRC does not see a pressing need to add the additional seats at this time. He added the group was functioning well with the current representation; however, they should revisit the issue at a later date.

Grays Harbor County MRC: Garrett Dalan reported that Grays Harbor MRC does not support adding an additional seat at this time, as it is unclear what role the seat would serve that the current seat is not already providing. He added that there were concerns about how it would work logistically to have two members representing the same constituency.

Wahkiakum County MRC: No representative of the Wahkiakum County MRC was present at the meeting.

Additional concerns were raised that not all of the MRCs may have the capacity to send more than one representative. The WCMAC decided to table the discussion and asked Doug to follow up with Wahkiakum County MRC to determine their position on adding an additional seat. The WCMAC decided to have a discussion about membership and the need for additional seats on an annual basis.

Mission Statement Work Group

At the last meeting the WCMAC formed a work group to draft a mission statement for the Council to review. Members of the work group were Rich Osborne, Dale Beasley, Casey Dennehy, Rod Fleck, Doug Kess and Key McMurry

Key provided the Council with an overview of the work of the mission statement work group. The mission statement work group first met on September 14th where Dale, Key and Rod submitted proposed mission statements. The work group reviewed those proposals and asked Amanda Murphy and Rob McDaniel to work with these proposals to create 2-3 mission statement options. The work group reviewed those options on October 5th where they agreed on one option, and asked Amanda and Rob to rewrite another option. She added that today's goal is for the Council to review the options and provide any additional edits they may have.

The Council discussed making the statement as short as possible, while still capturing the activities the WCMAC participates in. They will look at developing goals and objectives to use in conjunction with the mission statement to include all their actions.

WCMAC adopted the following mission statement: The Washington Coastal Marine Advisory Council is a strong voice for coastal communities on marine resource issues, protecting and preserving existing sustainable uses, marine-based economies and healthy marine ecosystems.

ACTION ITEMS STATUS UPDATE

Jennifer reported that as the WCMAC asked Ecology had asked their Attorney General to review the draft operating procedures that the WCMAC had agreed on at their last meeting. The Attorney General found no legal issues with the operating procedures but confirmed that Ecology will need to approve any changes made to them. She added that Amanda sent out the Board and Commissions Handbook which, in the absence of a guide for Ecology in particular, will be a good reference if WCMAC members have questions.

Jennifer reported that the Council still has an open seat for tourism, she asked the WCMAC for guidance on particular points of contact or places to advertise the seat. The Council recommended contacts local chambers of commerce, and will send additional recommendations to Jennifer.

Miles Batchelder with the Washington Coast Sustainable Salmon Partnership reported that he had spoken with their Board of Directors and they would like to have a seat on the WCMAC as discussed at the last meeting. He added WCSSP is recommending filling that seat with their Board Chair Mark Swartout with Miles as the alternative. WCMAC agreed to recommend to Ecology to add a seat on the Council for WCSSP and fill that seat with Mark Swartout.

Jennifer reported that Ecology had received an inquiry about the Open Public Meetings Act. She added that the Attorney General decided not to assess if the Act applies to the WCMAC, however, recommended that they continue to notice the meetings.

OCEAN ACIDIFICATION PRESENTATION

Jennifer Hennessey introduced Dr. Richard Feely, Senior Research Scientist with Pacific Marine Environmental Laboratory NOAA, who was invited to give a presentation on ocean acidification.

Introduction to Ocean Acidification

Dr. Feely began with an introduction on ocean acidification. He reported that the burning of fossil fuels over the last two hundred years has released about five hundred billion metric tons of carbon dioxide (CO₂) into the atmosphere. The ocean absorbs almost a third of the CO₂ released into the atmosphere every year. Scientific observations show this uptake by the ocean is mirroring the increase in atmospheric CO₂ concentrations, and ocean pH is decreasing. This move toward a lower pH value is called ocean acidification.

Dr. Feely explained how ocean acidification causes a slow, long-term increase in the acidity (concentration of hydrogen ions [H⁺]) of the ocean, corresponding to a decrease in pH. When CO₂ is added to seawater, it reacts with water to form carbonic acid (H₂CO₃) (acid is being added to seawater, thereby acidifying it). Since the Industrial Revolution, the global average pH of the surface ocean has decreased by 0.1 pH. So far, the oceans have dropped pH from about 8.2 to about 8.1.

Dr. Feely also reported that the current rate of decrease in seawater pH is thought to be ten to a hundred times faster than any time in the past 50 million years. Many important species like corals, shellfish, and plankton are very sensitive to small changes in pH and may not have sufficient time to evolve mechanisms to cope. For example, many marine animals and plants rely on calcium carbonate to form their skeletons or shells. Dr. Feely explained how more acidic conditions reduce the calcification in shellfish species. He cited a number of studies that have linked acidified waters to the reduced survival of larval marine species. With no intervention, models predict by 2100 acidity is expected to increase by *at least* 100-150% by 2100—a rate of change higher than at any time in at least the last 300 million years.

Why Our Oceans are Especially Vulnerable

Dr. Feely explained how Washington state is particularly vulnerable to ocean acidification. Washington's coastal waters experience seasonal upwelling, which brings deep water to the surface. This deep water lacks available calcium carbonate in the form of what's called aragonite. The availability of aragonite is particularly vital to organisms that form calcium carbonate shells (clams, oysters, corals, etc.). The 'saturation state' of aragonite (Ω_{arag}) is an indication of how easy it is for shellforming organisms to obtain it from seawater. When Ω_{arag} is less than 1, seawater is considered corrosive and shells dissolve faster than they can be formed. Deep cold seawater is naturally more corrosive than surface water. However, as the oceans become more acidic, corrosive water is migrating to shallower depths at a rate of 3-6 feet closer to the surface/year.

Dr. Feely reported that recent measurements along Washington coast found corrosive water at the surface much earlier than predicted. Due to the way seawater circulates around the world, the deep water now washing ashore in Washington was last in contact with the atmosphere 50 years ago. Its pH reflects a much lower level of atmospheric CO₂ than current levels, meaning future upwelled seawater is expected to be even more corrosive.

Washington's coastal waters also receive excess nitrogen from human activities and the presence of low-oxygen zones contributes to low pH levels. The combined effects of upwelling, nitrogen inputs, and low oxygen zones mean that Washington is likely to see the impacts of ocean acidification on marine organisms earlier than other coastal areas.

Dr. Feely also reported that oyster farms in Washington recently had massive die-offs of oyster larvae when upwelling of carbon rich waters were pumped into their hatcheries. He explained that the deep water washing ashore in Washington lacks available calcium carbonate in the form of what's called aragonite. The availability of aragonite is particularly vital at an oyster's earliest stages of development. The 'saturation state' of aragonite (Ω_{arag}) is an indication of how easy it is for shellforming organisms to obtain it from seawater. When Ω_{arag} is less than 1, seawater is considered corrosive and shells dissolve faster than they can be formed.

In response to the die-off of larvae, shellfish industry and scientists began a program of ongoing monitoring to help avoid the intake of acidic water. Senator Cantwell obtained \$500,000 of funding to cover the work. Dr. Feely explained that based on the data gathered, they discovered they could improve pH conditions by varying the time of day water was brought into the tanks where oyster larvae are raised. He added this is a great example of science, government and industry working together to develop strategies that work.

Present and Future Impacts

Dr. Feely explained that atmospheric concentrations of CO₂, over the last eight hundred thousand years have changed between about a 180 parts per million [of seawater] and 280 parts per million, but we are now as high as 385 parts per million. Models predict by the end of this century could be as high as 800 parts per million. Based on the data available from experiments conducted at UW and NOAA, instruments in the field and "champagne sites" (sites tested to see projections of increased carbon dioxide on ecosystems) marine biodiversity could decrease by 30% by 2100 and 43 of 45 species of coral would no longer exist. A combination of increased CO₂ and increased seawater temperatures could have and even greater impact on ocean ecosystems.

Dr. Feely reported that scientists are just beginning to observe the impacts of ocean acidification on marine life. Some corals are growing slower than any time in the last 400 years, most likely caused by a lower pH. Some species of phytoplankton called coccolithophorids are showing reductions in their ability to form their calcium carbonate shells. The shells of one plankton species called foraminifera are 35 percent smaller than in the recent past. He added that about twenty percent of the world's protein food resources come from fishery sources. Many of these valuable commercial fisheries depend on species that are highly sensitive to ocean acidification, such as clams, oysters and crabs.

In March of 2012, Governor Gregoire convened a Blue Ribbon Panel of science and policy experts, public opinion leaders, and industry representatives to address the effects of ocean acidification on Washington's shellfish resources. Dr. Feely is a member of the Panel. He closed by adding that the Panel expects to deliver its final recommendations to the Governor on November 27, 2012.

DISCUSSION Q&A

After the presentation, Dr. Feely and the Council engaged in an open question and answer discussion.

Q: Have studies shown this trend of acidification and its effects in all waters?

A: The same problems seen in the hatcheries were seen in the habitat. There is not currently enough information about estuaries to say they are experiencing the same changes.

Brian Sheldon noted that shellfish growers saw “sets” this year, the first time in seven years. They observed lower NW wins and more stable temperatures. Dr. Feely responded that the ocean cycles between warmer and colder waters and these shifts pull corrosive waters closer to the surface. In pre-industrial times there weren’t these corrosive waters, but are now a regular part of the cycle.

Q: Did these studies look at the CO₂ flux in the sea-surface microlayer?

A: Yes, studies have looked at CO₂ fluctuations and were able to measure small concentration changes across gradients. However, they did not look at temperature or pH levels.

Q: Are there organisms that prosper in lower pH?

A: Yes, some seagrasses. As a plant the intake of CO₂ is required for photosynthesis. However, there have not been many studies conducted. From the organisms that have been studied, 50% show negative impacts, 25% show no impact and 25% show positive impacts. There would, however, still be an impact on the ecosystem.

Q: What are the possible consequences looking to 2050? Is it possible that all coral reefs and shellfish could disappear?

A: It is not likely that all will disappear; the species that are highly sensitive could be eliminated but not all species. The main concern is that mankind depends on biodiversity which would be dramatically decreased.

Q: Has shellfish “set” records from the last 85 years ever been compared to Pacific Decadal Oscillation events to see if there is any correlation?

A: Not certain whether this has been looked at.

Q: In Alaska, around Prince William Sound, commercial fishing has seen a decrease in the size of pink salmon. Pink salmon feed on tetrapods. Have there been studies done on whether there is a correlation between reduced salmon size and the impacts of ocean acidification on their food sources?

A: NOAA Fisheries is responsible for collecting that type of data. Data collected this year has not yet been released. However, the State of Alaska is working in conjunction with to with NOAA and the University of Alaska to fund and conduct studies that look at those types of issues and there is evidence that rising temperatures and decreasing oxygen will affect the size of fish.

Q: Will the Blue Ribbon Panel’s report to the Governor include recommendations?

A: Yes, there will be 46 recommendations for science, policy, education and outreach, and public engagement.

Q: Was modeling done to differentiate carbon dioxide increases from different sources and different mitigation techniques (reduction of carbon dioxide vs. increased absorption of the carbon dioxide)?

A: A 2004 article published in *Science* (Stabilization Wedges: Solving the Climate Problem for the Next 50 Years with Current Technologies) authors Pacalal and Socolow identified 14 mitigation options that will have to be employed to make an impact.

Bob Nichols noted that education is an important component of combatting ocean acidification, and the report from the Blue Ribbon Panel will address ways to increase education and awareness of this issue.

AGENCY UPDATE & REQUEST FOR INPUT

DNR asked members for feedback concerning their Derelict Vessel Removal Program. Michal Rechner invited interested members of the Council to provide written recommendations about how to reduce the number of derelict and abandoned vessels and how to fund their removal and clean up.

Michal then provided a re-cap of the Marine Spatial Planning (MSP) process to date.

- March 2012: Governor Gregoire signed SSB 6263, which made changes to the existing marine management planning law. The legislature also transferred \$2.1 million into the Marine Resource Stewardship Account.
- May 2012: The WCMAC approved project categories and estimated funding allocations, which were developed by the State based on the law, the 2010 legislative report, and the budget proviso.
- May - July 2012: DNR sought project ideas from the WCMAC, MRCs, tribes, and agencies.
- July 2012: The State met with the WCMAC, MRCs, and tribal staff to discuss and approve the draft working project list. The WCMAC supported the proposed projects with some additions and requests.
- August 2012- present: The DNR has been preparing and executing marine spatial planning project contracts.
- September 2012: The State submitted a marine spatial planning report to the legislature.

Project Updates – Contracts

Michael reported that to date: five contracts have been completed, three are awaiting signature, eight are under review, six are drafting of the scope of work phase and three are underway within the state.

GIS Decision Support Tool

Michael reported that DNR will be leading the creation of a GIS Support Tool and are employing a collaborative process comprised of: a Steering Committee (to provide project management and overall direction), a Technical Development Team (to provide coding data management) and a Planning Development Team (to engage stakeholders). This process will take place in two phases. The first phase - creating a viewing tool - will take place fiscal year 2013. The second phase will create analysis tools, scenarios and tradeoffs. Michael asked the Council for input on membership for committee and teams. Council members voiced their continuing concern that the tool needs to be user-friendly. The Council inquired about why the Agency was unable to use the Google platform for data that is used by many other states. Michal responded that DNR's Attorney General office had conducted research and determined that they were unable to use it.

Project Updates – Training Workshops

Jennifer Hennessey discussed upcoming outreach and training activities and asked the Council how they would like to be involved in the planning of these activities.

- Winter 2012: Marine Spatial Planning 101 and setting up the technical advisory group and MSP objectives - setting work sessions.
- Spring 2013: Human use mapping, indicators IEA workshop, completing a draft of the MSP objectives and planning document, and asking WCMAC to provide ideas for RFPs and criteria for RFP evaluation.
- Summer 2013: Completing and publishing the RFP notice and completing FY 13 projects by June 30th.

Project Updates - Discussion

Some concerns were raised regarding the transparency of decisions on projects and contracts. Due to the short timeline for identifying projects many felt that they had been rushed into supporting the proposals. However, member agreed they could use what they learned from the process this year to better inform their process in future years. There were also concerns raised about the involvement of the WCMAC and the process for developing the goals and objectives for MSP. Jennifer responded that Ecology is planning on holding a series of work sessions to inform the objective setting process including the WCMAC, agencies, tribal interests and federal entities. Additional concerns were raised about the Agency's timeline for next steps for MSP. Many were concerned that the objectives and goals for MSP will need to be set before other work, such as the identification of projects, can take place.

The Council decided to establish a committee to work with DNR to identify priorities and projects for marine spatial planning for potential funding in the next biennial budget. Members on the committee are Rich Osborne (chair of the committee), Casey Dennehy, Rod Fleck, Dale Beasley, Key McMurry, and Mike Nordin.

NEXT STEPS AND ADJOURN

The Council decided to hold six meetings next year, the first being in January. Dates of subsequent meetings will be set at the January meeting and will most likely take place in March, May, July, September and November.

Amanda will send a doodle poll to set a tentative date for the January 2013 meeting. The date will be subject to change to accommodate legislators' schedules. Suggested agenda items included a discussion with legislators about how to improve the process to provide input on projects and priorities for future funding. Members will send additional agenda items to Doug and the Agenda Committee.

Review of WCMAC 2012 Accomplishments

In the beginning of the year, as part of the Ruckelshaus Center's assessment process, Amanda Murphy spoke with Council members to gather information about goals and expectations for the Council. One of the questions asked was "If at the end of the year, the Council was successful, what would that look like?" Amanda reviewed some of the key themes members identified as goals and success, including:

- Agreed upon operating procedures and decision making process
- Agreed upon roles and responsibilities
- To still me meeting/functioning
- Productive communication, build a common understanding
- Work collaboratively with members, MRCs, agencies ad toward consensus
- Good meeting participation
- Provide input on CMSP and other marine related efforts
- Input is heard and responded to by agencies

Amanda then presented the WCMAC with a list of their accomplishments to date, to demonstrate the great amount of work that they have completed and goals achieved. Some highlights from the past year included:

- Deciding on a decision making process and appointing a Chair and Vice Chair
- Providing comments and guidance on marine policy issues including the National Ocean Policy Implementation Plan and National Ocean Policy and Dredging
- Adopting Operating Procedures
- Adopting a mission statement
- Providing feedback and input on the MSP spending plan categories and projects

Each member was asked to share their perspectives on the accomplishments of the Council and what they hoped to see accomplished next year. Members were overall happy with the amount of work they had completed in the past year. Common themes from the members feedback for improvement included:

- Future thinking and action planning. Meetings, presentations, and information sharing strategically planned.
- Establishing goals and objectives for the Council and MSP
- More engagement and improving relationships with the coastal tribes
- Better interfaces, more interactions with agencies and decision makers
- Identifying and learning about members' interests, issues, goals and concerns to better understand where commonalities are among members
- Increasing the pace, moving beyond process and focusing on actionable tasks.
- Discussing scale of issues along the coast

Doug called for public comment. Ross Barkhurst inquired if the MSP planning area had been defined and added he hoped that water fowl would be mapped. There were no additional comments and Doug adjourned the meeting.

Attachment 1 Meeting Attendees

Coastal Group Members				
Last	First	Seat	Affiliation	In Attendance?
Backman	Mike	Wahkiakum County MRC	Wahkiakum County MRC	N
Beasley	Dale	Commercial Fishing	Columbia River Crab Fishermens Association	✓
Cedergreen	Mark	Recreational Fishing	Westport Charterboat Association	✓
Costanzo	Charlie	Shipping	The American Waterways Operators (AWO): Pacific Region	N
Dalan	Garrett	Grays Harbor County MRC	Grays Harbor County MRC	✓
Dennehy	Casey	Recreation	Surfrider	✓
Fleck	Rod	North Pacific MRC	North Pacific MRC	✓
Garrow	Tami	Economic Development	Grays Harbor Public Development Authority	✓
Grunbaum	RD	Conservation	Friends of Grays Harbor	✓
Horton	Marc	Ports	Port of Grays Harbor	✓
Kess	Doug	Pacific County MRC	Pacific County MRC	✓
Lovely	Rick	Energy	Grays Harbor PUD	✓
Maurer(Marchant)	Lorena	Education	Educator	✓
McMurry	Key	Citizen	Key Environmental Solutions LLC	✓
Osborne	Rich	Science	Feiro Marine Life Center Research Associate	✓
Sheldon	Brian	Shellfish Aquaculture	Wippala-Greys Harbor Oyster Growers Association	✓
Toste	Ray	Commercial Fishing	Westport Crabbers Association	✓
Ward	Jeff	Energy	Pacific Northwest National Laboratory	✓
Alternates				
Kennedy	Jody	Recreation	Surfrider	✓
Leraas	Robin	Grays Harbor County MRC	Grays Harbor County MRC	N
Nordin	Mike	Pacific County MRC	Pacific County MRC	✓
Pokorny	Tami	North Pacific MRC	North Pacific MRC	✓

State Agencies, Organizations & Public				
Last	First	Affiliation	In Attendance?	
Baldwin	Mike	Commercial Fishing	✓	
Batchelder	Miles	Washington Coast Sustainable Salmon Partnership	✓	
Barkhurst	Ross		✓	
Cardinal	Kara	The Nature Conservancy	✓	
Dye	Paul	The Nature Conservancy	N	
Delvin	Eric	The Nature Conservancy	✓	
Dietz	Dana	Washington Coast Sustainable Salmon Partnership	N	
Feely	Richard	NOAA/PMEC	✓	
Fricke	Doug	Coalition of Coastal Fisheries	✓	
Grayum	Michael	Puget Sound Partnership	N	
Hennessey	Jennifer	Department of Ecology	✓	
Hoffman	Jennie	EcoAdapt	✓	
Jewett	Jenna	Department of Fish and Wildlife	N	

Kline	Randy	State Parks and Recreation	✓
Lassiter	Katrina	Department of Natural Resources	✓
Lynn	Brian	Department of Ecology	✓
Martin	Arnie	Grays Harbor Audubon	✓
Masterson	Ikuno	ESA	✓
Mooney	Jamie	Washington State Emergency Management	✓
Nichols	Bob	Governor Gregoire's Office	✓
Rechner	Michal	Department of Natural Resources	✓
Sarff	Dana	Makah Nation	N
Sawchuk	Jennifer	Surfrider	N
Schelling	John	Emergency Management Division	N
Sheldon	Dick	Willapa Shellfish Growers	✓
Steinbeck	Charles		N
Swenson	Eric	Global Ocean Health Program	✓
Toteff	Sally	Department of Ecology	N
Trosin	Bridget	Department of Ecology	✓
Wecker	Miranda	University of Washington	N
Welch	Herb	Grays Harbor County	✓
Winters	Vickie	Senator Hatfield's Office	✓
Wolff	Sue		✓

**Attachment 2
 Action Items
 Coastal Body**

Coastal Body Action Item List

	Action Item	Responsible Party	Due Date	Done?	Comments
1	Identify priorities and projects for MSP for potential funding in the next biennium.	Subcommittee: Rich Osborne, Casey Dennehy, Dale Beasley, Rod Fleck, Mike Nordin, Key McMurry			
2	Recommend to Director of Ecology to add a seat for WCSSP and fill that seat with Chair Mark Swartout.	Ecology – Hennessey			
3	Provide feedback to DNR on the derelict and abandoned vessels program.	All WCMAC members			
4	Members will send suggested items to Doug Kess for the January 2013 meeting agenda.	All WCMAC members			
5	Send draft operating procedures to AG's office for review.	Ecology – Jennifer Hennessey		Yes	Once reviewed by the AG's office the Drafting Committee will re-review the document.

6	Recommend to Director of Ecology to name Richard Lovely and Jeff Ward as the Energy reps., and Casey Dennehy as the recreation rep.	Ecology – Jennifer Hennesey		Yes	
7	Re-advertise the tourism seat.	Ecology – Jennifer Hennesey			Members will send Jennifer suggestions of people to contact and places to post the advertisement
8	Develop a mission statement and goals for the WCMAC.	Subcommittee: Doug Kess, Jody Kennedy, Brian Sheldon, Dale Beasley, Rich Osborne, and Key McMurry.		Yes	Mission Statement adopted at the 10/10/12 meeting
9	Review adding additional seats on the WCMAC.	Drafting Committee		Yes	The Committee will bring recommendations back to the full WCMAC.
10	Members will send suggested items to Doug Kess for the 4 th meeting agenda.	All WCMAC members		Yes	
11	Members will send Doug Kess suggested items for the 3rd meeting agenda.	All members.	6/6/12	Yes	

12	Doug Kess will follow up with Paul Dye, on TNC's offer to provide a workshop of MSP.		?		
13	The Drafting Committee will finalize the draft operating procedures and send them out for review and comment.	Drafting Committee	7/2/12	Yes	5/31/12: Drafting Committee held a conference call to finalize draft operating procedures.
14	The Drafting Committee will propose 2-3 options for the name of the group. They will be sent out via email using a Survey Monkey, and members will vote on the name. The name with the most votes will be selected.	Drafting Committee All members	Voting closes COB June 15 th	Yes	5/31/12: Drafting Committee had a conference call and identified 3 name options. Amanda put them into a survey poll and send out to the group to vote on.
15	Ecology will send an invitation letter to the Shoalwater Bay Tribe	Ecology – Jennifer Hennessey, Brian Lynn		Yes	
16	Ecology will re-advertise the Energy seat on the	Ecology – Jennifer Hennessey, Brian Lynn		Yes	

	group.				
17	Members will send individual comments and suggestions on potential needs and/or projects for the MSP spending plan to Jennifer Hennessey and/or Michal Rechner.	All Coastal Group members.	6/8/12	Yes	
18	Invitation letters to Coastal Tribes.	Ecology will send invitation letters to the coastal tribes.		Yes	5/11/12: Letters were sent to each of the four coastal treaty tribes. Makah has responded and will send a representative to the next meeting.
19	Draft operating procedures/ by-laws.	Drafting Subcommittee: Rod Fleck, Brian Sheldon, Key McMurry, Doug Kess, and Jennifer Hennessey/Department of Ecology staff support.	5/4/12	Yes	4/6/12: In the process of scheduling conference call to begin drafting. 164/20/12: Conference call scheduled The draft procedures will be sent out to the group to review at least a week in advance of the next meeting.

20	Develop 5/11/12 meeting agenda items/topics.	Agenda Subcommittee: Doug Kess, Mike Backman, Garrett Dalan, Tami Garrow, and Jennifer Hennessey/Department of Ecology staff support.	5/4/12	Yes	<p>4/6/12: Doug, Rod, and the Center are working on setting up a conference call to draft the next meeting agenda and will be contacting the Subcmte shortly to do so. 4/18/12 Conference Call scheduled</p> <p>The Agenda Subcommittee will work with members to develop the meeting agenda and will send out to the group to review at least a week in advance of the meeting.</p>
21	Coastal Group members send brief bio and a photo of themselves to Amanda Murphy.	All Coastal Group members.	4/18/12	Yes	Amanda will combine everyone's bio and photo into one document and send out to the group.
22	Email to the Governor's Office stating the Coastal Advisory Body is in strong support of SSB 6263.	Doug Kess	3/27/12	Yes	
23	Coastal Body guidance to Ecology and SOC on National Ocean Policy	All Coastal Group members.	Developed at 3/23/12 meeting	Yes	Amanda sent the language the group agreed on to Ecology via email on 3/26/12, cc:ed Doug and Rod.

	and Dredging				
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