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Bruce A. Measure
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Montana

Pat Smith
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Tom Karier
Washington

Phil Rockefeller
Washington

February 5, 2013

MEMORANDUM

TO: Council Members

FROM: Patty O'Toole, Program Implementation Manager
Jim Ruff, Manager, Mainstem Passage and River Operations

SUBJECT: Briefing on February 14, 2013 Ocean Science Workshop

On February 14, there will be a workshop to discuss the latest on ocean and plume science and its management implications. The workshop will be held at the Council office from 8:30am-4:00pm. This is another in a series of science-policy workshops that the Council holds periodically.

The objectives of the workshop are to:

- Prepare for the upcoming 2013-14 Columbia River Basin Fish and Wildlife Program amendment process, discuss 2009 Program language, discuss need to update current language
- Identify Fish and Wildlife Program priorities for ocean and plume research and reporting.
- Integrate ocean science with natural resource management in the Columbia River.

Council member Phil Rockefeller will lead the workshop with assistance from the staff. A draft workshop agenda is attached.

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**Columbia River Basin Fish and Wildlife Program
Ocean Science Workshop – Management Implications
February 14, 2013 8:30am – 4pm**

**Northwest Power and Conservation Council Office
Large Conference Room
851 SW 6th Avenue, Portland 97204**

Draft Agenda *times subject to change

8:30-8:40	Welcome and Introductions	Phil Rockefeller – NPCC member, Washington State
8:40-8:55	Review of The Council’s 2009 <i>Columbia River Basin Fish and Wildlife Program’s</i> Ocean Strategy & the Council’s Research Plan, upcoming Program Amendment process	Jim Ruff, Patty O’Toole, Council staff
8:55-9:20	ISAB’s Program Review Recommendations for Ocean strategies	Kate Myers, ISAB
9:20-9:30	Overview of Ocean Program	Kym Jacobson, NOAA-NWFSC
9:30-9:50	Managing to timing, thresholds and change -- a view from estuarine and plume physics	Antonio Baptista, OHSU
9:50-10:10	Predator-prey interactions of salmon in the plume and near-shore ocean: implications for density dependence	Richard Brodeur, NOAA-NWFSC
10:10-10:20	Manager’s perspective	
10:20-10:40	<i>Interactive Discussion</i>	All
10:40-10:55	Break	
10:55-11:10	Marine growth of hatchery Chinook salmon	Brian Beckman, NOAA-NWFSC
11:10-11:25	Examples of management applications that include ocean components	Rich Zabel, NOAA-NWFSC
11:25-11:35	Manager’s perspective	
11:35-Noon	<i>Interactive Discussion</i>	All
Noon-1:30	Lunch	
1:30-1:45	Ocean Indicators – current knowledge and future directions	Brian Burke-NOAA-NWFSC
1:45-2:00	Emerging ocean issues	Jan Newton, U of W

2:00-2:10	Manager's perspective	
2:10-2:30	<i>Discussion</i>	All
2:30-2:50	Break	
2:50-3:50	<i>Continue Interactive discussion – all topics</i>	All
3:50-4:00	Wrap up and closing	Phil Rockefeller – NPCC member, Washington State

Here is the GoToMeeting information for the workshop:

1. Please join my meeting.

<https://www1.gotomeeting.com/join/512685185>

2. Join the conference call:

1-800-786-1922

Code 17928867

Meeting ID: 512-685-185