MARC Members

- Snohomish PUD (District)
- National Marine Fisheries Service (NMFS)
- U.S. Fish and Wildlife Service (USFW)
- Washington Department of Fish and Wildlife (WDFW)
- Washington Department of Ecology (Ecology)
- Washington Department of Natural Resources (DNR)
- Tulalip Tribes
- Suquamish Tribe
- Swinomish Indian Tribal Community
- Sauk-Suiattle Tribe
July 1 Agenda

• Permitting Update
• Presentation: Monitoring Plans Implementation
• Presentation: Adaptable Monitoring Package (AMP)
• Break/Lunch (approx. 11:30)
• Discussion: Benthic Monitoring/Mitigation Plan proposed revisions
• Discussion: Marine Mammal and Derelict Gear Monitoring/Mitigation Plans proposed revisions
• Discussion: In-water construction schedule proposed revision
• Action items and wrap up
Permitting and Licensing Update

Recent FERC and agency actions
July 1 Agenda

- Permitting Update
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• Action items and wrap up
Proposed Revisions:

1. In Section 5.1.2, under “Equipment Description,” add the following sentence: “The ROV will include a scale or other method for estimating sediment, gravel, and cobble size.”
Proposed Revisions, cont.:  

2. In Section 5.12, under “Survey Procedure,” revise the first paragraph to read (underlined text is new, no text is deleted):

   “Four ROV surveys will be conducted during the first year of turbine operation. For the second year of turbine operations, the District will conduct the number of surveys determined by the MARC pursuant to Adaptive Management Trigger 5. Thereafter, beginning with the third year of turbine operations, there will be two surveys per year.”
Proposed Revisions, cont.:

3. In Section 6.0, add a new Adaptive Management and Mitigation Trigger 5 to read as follows:

“Adaptive Management and Mitigation Trigger 5: Within 90 days after the conclusion of the first year of turbine operations, the District will consult with the MARC to determine whether the second year of turbine operation should include two ROV surveys or four ROV surveys. The District will conduct either two or four ROV surveys in the second year as determined by the MARC.”
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Marine Mammal Monitoring Plan

Proposed Revisions:

1. In the Marine Mammal Monitoring and Mitigation Plan, add the following sentence at the end of Section 6.0, following the list of items to be included in the annual report:

   “Any proposed modifications to this Plan shall be approved by NMFS before submittal to FERC for approval.”
Proposed Revisions:

1. In the Derelict Gear Monitoring Plan, add the following sentence at the end of Section 4.0 (such that the new sentence would be the last sentence in that section):

   “Any proposed modifications to this Plan shall be approved by NMFS before submittal to FERC for approval.”
Proposed Revisions:

1. In the Adaptive Management Framework, add a new Section 2.6 that reads as follows:

   “Revisions and changes to this Adaptive Management Framework must be unanimously approved by all of the Members, including obtaining the approval of National Marine Fisheries Service. Upon approval by all of the Members, the District and the Members will implement the protocols and requirements contained in the revised Adaptive Management Framework.”
Adaptive Management Framework

Proposed Revisions, cont.:  
2. In Section 1.0 of the Adaptive Management Framework, revise the plan names to reflect name changes that have occurred since the Framework was initially drafted. The revised list reads (with changes shown in blackline):

“(1) the Marine Mammal Monitoring and Mitigation Plan; (2) the Near-Field Turbine Monitoring and Mitigation Plan; (3) the Derelict Gear Monitoring and Removal Plan; (4) the Benthic Habitat Monitoring and Mitigation Plan; and (5) the Acoustic Monitoring and Mitigation Plan.”
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• Discussion: In-water construction schedule proposed revision
• Action items and wrap up
### In-Water Construction Schedule

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- February 16 to July 15
- March 2 to July 15
- March 15 to June 14 (Feb 16-Jul 15)
- Jan 15 to April 30
- Oct 15 to March 1
- Dec 15 to March 31

July 16 to October 14: Combined availability for in-water work.
### In-Water Construction Schedule

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**Prohibited Times**

- Feb. 16-July 15
- March 2-July 15
- March 15-June 14 (Feb 16-Jul 15)
- Jan. 15-April 30
- Dec. 15-March 31

**Combined availability for in-water work:**

July 16-December 14: Combined availability for in-water work.
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Action Items

• Please submit votes by email no later than close of business on **July 15, 2014**.

• Include votes on each proposed revision:
  – Benthic Plan
  – Marine Mammal Plan
  – Derelict Gear Plan
  – Adaptive Management Framework
  – In-water construction schedule
Questions