

**OFFICIAL COORDINATION REQUEST FOR
NON-ROUTINE OPERATIONS AND MAINTENANCE**

COORDINATION TITLE - 13 IHR 03 Appendix A 1.3 and 1.9 date change.

COORDINATION DATE – 3/12/13

PROJECT - Ice Harbor Lock and Dam

RESPONSE DATE – March 2013 FPOM meeting

Description of the problem – Tight schedules for double testing availability has required us to change the dates for double testing dates found in 2013 FPP appendix A for Ice Harbor.

From: 2013 Appendix A

1.3. Double Testing. In 2013, Double testing will take the following out of service: two transformers, TW1, TW2, and TJO and turbine units 1 and 2. The outage is tentatively scheduled for August–September, 2013. Since Ice Harbor Dam has multiple transformer banks, transmission lines, and redundant switching capability, the remaining turbine units will be available for operation during these tests. Turbine units will operate within the 1% of peak efficiency operating range, in accordance with the turbine priority order defined in the Fish Passage Plan. During the test, units 3 and 4 will be required to generate power out of Line #2 of Ice Harbor which could be against section 4.1 of the Fish Passage Plan depending on river flows. The switching necessary to support power generation and BPA system reliability may not be able to occur in August and September 2013. This outage will be coordinated with the Line #1 Disconnect Switch Maintenance in item 1.9.

1.9. Line #1 Disconnect Maintenance. In August 2013, required maintenance and routine PMs will be performed on the 115KV Line #1 disconnect and ground switch at Ice Harbor. This maintenance will be coordinated with the Double testing in item 1.2. During this time Main Units 3 and 4 will be required to generate power out of Line #2 of Ice Harbor which could be against section 4.1 of the Fish Passage Plan depending on river flows. Switching may not be able to occur to support power generation and BPA system reliability from August 19–September 09, 2013

To:

1.3. Double Testing. In 2013, Double testing will take the following out of service: two transformers, TW1, TW2, and TJO and turbine units 1 and 2. The outage is tentatively scheduled for ~~7/22/2013 and 7/26/2013~~ ~~August—September, 2013~~. Since Ice Harbor Dam has multiple transformer banks, transmission lines, and redundant switching capability, the remaining turbine units will be available for operation during these tests. Turbine units will operate within the 1% of peak efficiency operating range, in accordance with the turbine priority order defined in the Fish Passage Plan. During the test, units 3 and 4 will be required to generate power out of Line #2 of Ice Harbor which could be against section 4.1 of the Fish Passage Plan depending on river flows. The

switching necessary to support power generation and BPA system reliability may not be able to occur in ~~August-September~~July 2013. This outage will be coordinated with the Line #1 Disconnect Switch Maintenance in item 1.9.

1.9. Line #1 Disconnect Maintenance. ~~Between 7/22/2013 and 7/26/2013~~August 2013, required maintenance and routine PMs will be performed on the 115KV Line #1 disconnect and ground switch at Ice Harbor. This maintenance will be coordinated with the Doble testing in item 1.2. During this time Main Units 3 and 4 will be required to generate power out of Line #2 of Ice Harbor which could be against section 4.1 of the Fish Passage Plan depending on river flows. Switching may not be able to occur to support power generation and BPA system reliability from ~~August 19–September 09~~July, 2013

Type of outage required – During the test, units 3 and 4 will be required to generate power out of Line #2 of Ice Harbor which could be against section 4.1 of the Fish Passage Plan depending on river flows. The switching necessary to support power generation and BPA system reliability may not be able to occur in July, 2013.

Impact on facility operation – Main unit turbine priority.

Dates of impacts/repairs – Between 7/22/2013 and 7/26/2013.

Length of time for repairs – Daily on dates between 0630 hours and 1700 hours.

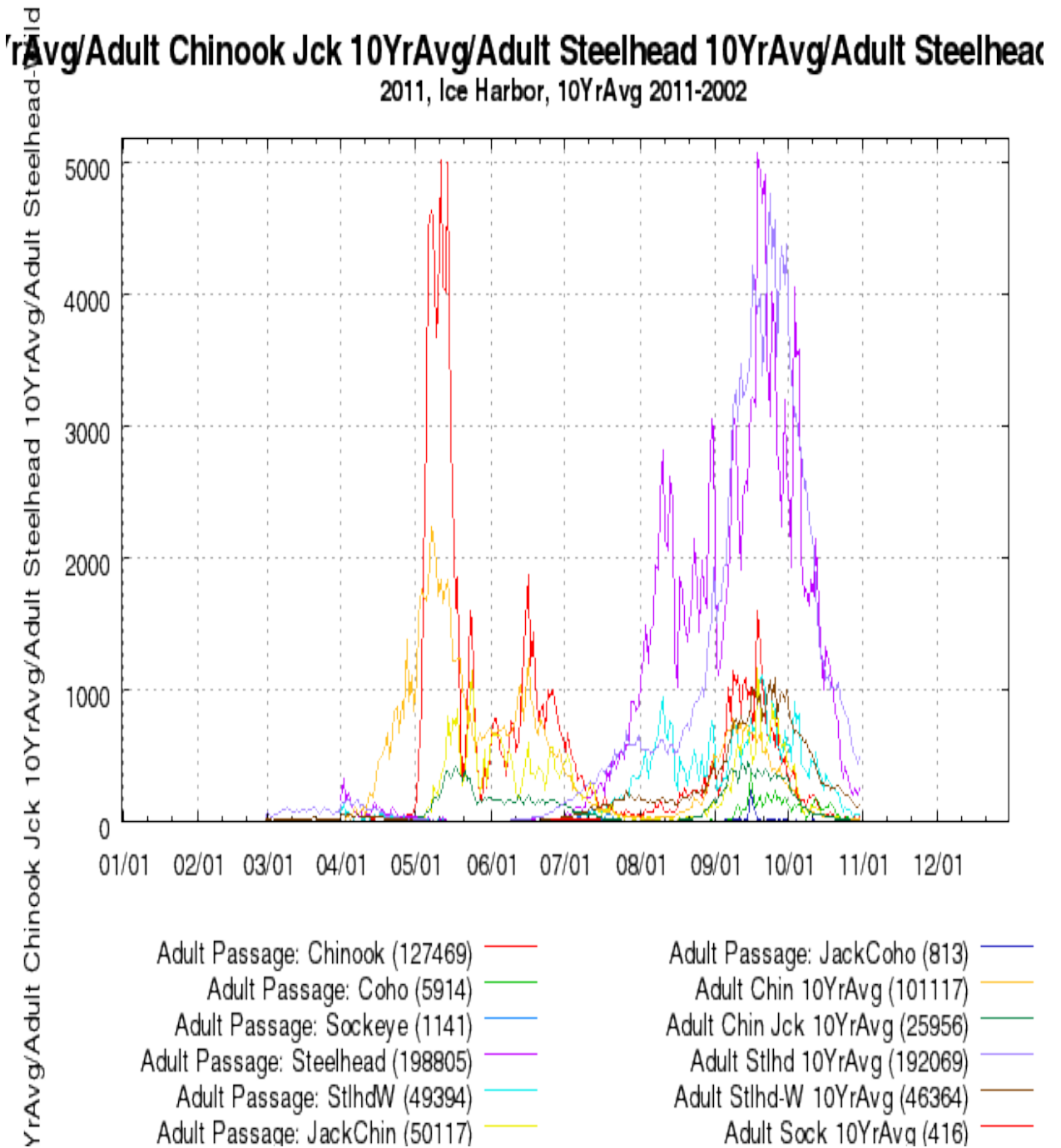
Expected impacts on fish passage – Impacts to fish passage are expected to be minimal. Adult salmon passage at Ice Harbor dam is low during the July time period (Figure 1).

Comments from agencies

This coordination form was not officially submitted at the March FPOM meeting, but FPOM was notified of the date change at the meeting. Here are the draft minutes from the meeting on this subject:

*IHR doble testing and 115Kv line 1 maintenance will need to move to the end of July. It was originally scheduled for the end of August. Conder asked if the outage will affect unit 1. Fone said units 1 and 2 will be OOS. Wills asked if this schedule change will affect other schedules. Bettin said this is a perfect time to do it. **FPOM agreed this was a good time to do the work since there is a dip in passage.***

Figure 1. 10 year average adult salmonid passage at ICE (2002-2011)



Comments from agencies

Final results

Please email or call with questions or concerns.
Thank you,

Greg Moody
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