

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

COORDINATION TITLE- 16JDA07 Dual Ladder Outage

COORDINATION DATE- 29 November 2016

PROJECT- John Day Dam

RESPONSE DATE- FPOM 8 DEC 2016

Description of the problem - An adult PIT detection system was installed at The Dalles Dam in 2014; provision of PIT detection at John Day Dam was put on hold, pending further analysis. In May 2015, the Corps concurred with NOAA that PIT detection at John Day ladders would facilitate development of more accurate estimates of adult salmonid escapement from TDA to JDA. The Pacific States Marine Fisheries Commission (PSMFC, contracted by BPA) has developed plans for PIT installation in the John Day North and South fish ladders. The purpose of this project is to provide the technical review and infrastructure necessary to facilitate installation, operation, and maintenance of PIT detection systems in both fish ladders. The installation of the PIT antennas was awarded 21 NOV 2016. Due to the late award date the contractor may need additional time to complete work in the north fish ladder. If construction cannot be completed during the scheduled outage work will need to be delayed until the following year (IWW FY18).

Type of outage required – Both North and South fish ladders OOS from 11 JAN 2017 to 24 JAN 2017.

Impact on facility operation – The current fishway outage schedule is as follows:

- North fish ladder dewatered 1 DEC 2016 – 10 JAN 2017
- South fish ladder dewatered 17 JAN – 28 FEB 2017

Proposed north fish ladder outage is to add an additional 14 days (11 JAN – 24 JAN 2017) and overlap with the South fish ladder outage.

Dates of impacts/repairs – 11 JAN 2017 to 24 JAN 2017.

Length of time for repairs – 14 days

Expected impacts on fish passage –

Adult upstream migrants: Steelhead will be delayed during the dual ladder outage; in 2014 115 steelhead were counted from 11 – 24 January (Figure 1 and 2). We do not anticipate fish passage impacts to any other species, including bull trout and lamprey.

Juvenile downstream migrants: No impacts to salmonids. We do not expect impacts to juvenile Pacific lamprey, however migration during this time period is not well understood.

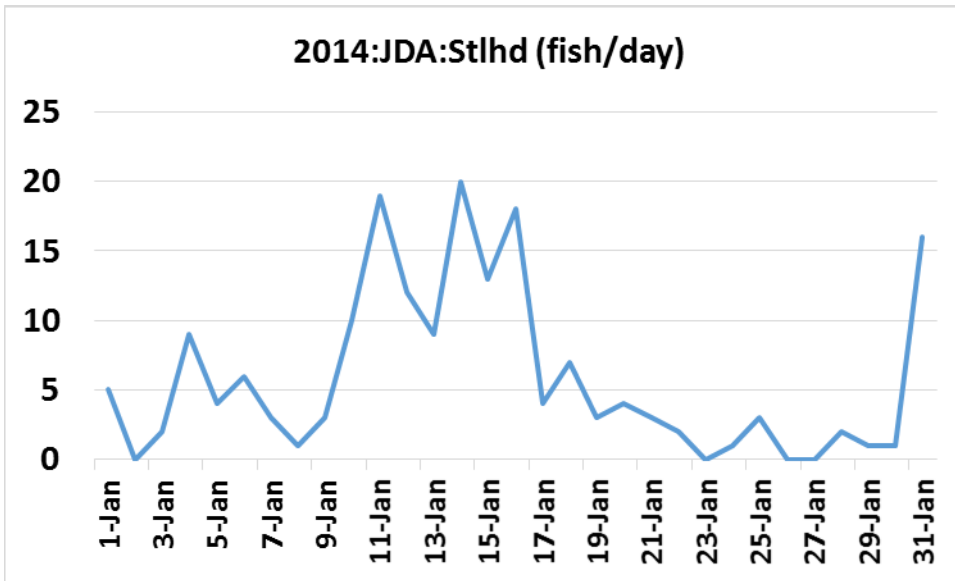


Figure 1. Steelhead passage at JDA during 2014. This is the only year data is available for this time period. 22 Nov 2016 13:06:27 PST. Columbia River DART (Data Access in Real Time) www.cbr.washington.edu/dart.

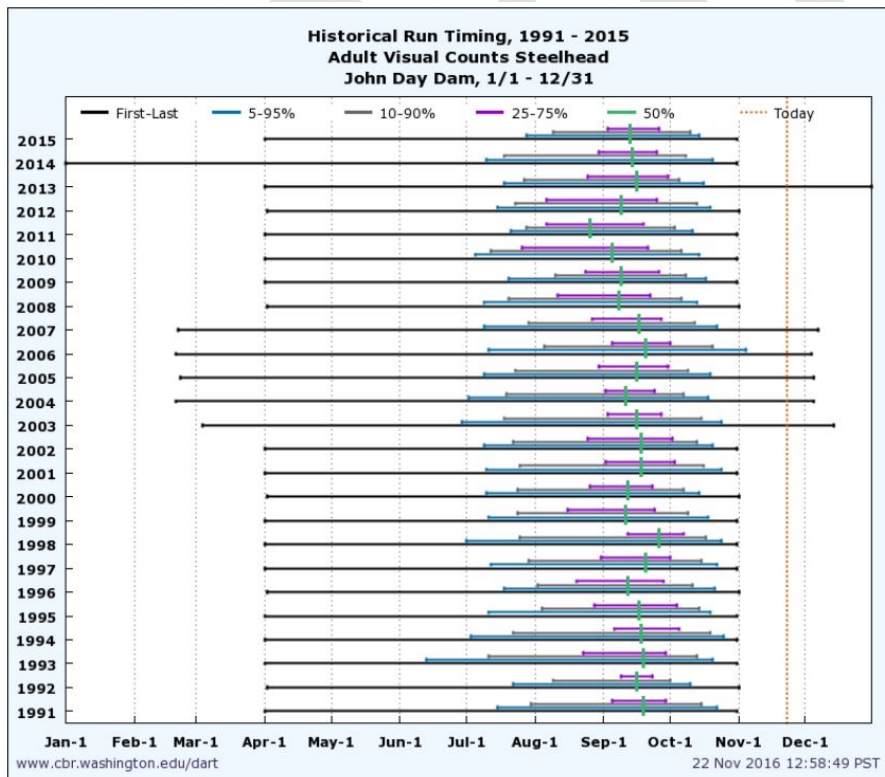


Figure 2. Steelhead historical run timing.

Comments from agencies

Final results

Please email or call one of the following POCs with questions or concerns.
Thank you,

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