

DRAFT AGENDA

AFEP Special SRWG - FY-14 Adult Research Modification and New Objective Development

The Dalles Dam Adult Fall Chinook Passage

Thursday 1:00 PM – 3:00 PM May 16th

Conference Call/Web meeting Information

(877) 336–1280, Access Code 6464122, Security Code 6464122

Purpose: The purpose of this meeting is to discuss this year's NWP Adult Salmon/Steelhead studies and potential modifications to the steelhead objectives in ADS-P-2013-1, ADS-P-2013-2, ADS-S-13-1. (*See FY14 steelhead study objectives from final 1-pagers in bold at the end of the agenda*)

Background: Recent FPOM discussion has identified the need to better understand passage behavior at The Dalles when large numbers of fish are present following spill Aug. 31. The meeting goal is to discuss opportunities to collect data this year and develop 1-pager objectives and study design. There is a desire to modify this year's University of Idaho adult study work at Bonneville and utilize 300-400 RT tags from the early steelhead and use them for fall Chinook passage evaluations at The Dalles during the large run that has been forecast. There is not enough code space to add more tags for fall Chinook this year. We have an opportunity to weigh the second year early steelhead objectives vs. The Dalles fall Chinook objectives (to be developed) and make a decision to use Radio telemetry (RT) to collect data this year while all the existing RT system components are in place to monitor.

1. Passage concern identification –
 - a) 2013 Fall Chinook Run at The Dalles.
 - b) FPOM and FPOM subcommittee overview.

2. Study Questions –
 - a) Are there significant delays in adult passage following spill at The Dalles Dam project and east ladder when large numbers of Fall Chinook are present?
 - b) Are there opportunities for attraction spill to encourage more fish to pass the north ladder?
 - c)

3. Tools for data collection to address questions.
 - a) PIT
 - b) Window counts

- c) Radio telemetry
- 4. Current Adult Studies Objectives –
 - a) 400 early and 400 late steelhead RT +PIT tagging this year at the Bonneville Dam AFF for overwintering, fishway use, and conversion. *(See FY14 steelhead study objectives from final 1-pagers in bold at bottom of page)*
- 5. Impacts to the current study objectives.
 - a) Proportion of adult steelhead radio-tagged at Bonneville Dam that overwinter in the FCRPS
 - b) Steelhead passage and delay at The Dalles during large Chinook run?
 - c) Utilize the early steelhead RT+PIT for Chinook passage at The Dalles this year.
 - d) Benefits to modifying this year's work for fall Chinook RT data – More value?
- 6. Define The Dalles passage metrics
- 7. Study design
 - a) Spill treatment schedule
 - b) Sample size – RT power analysis
 - c) Release strategy
 - d)

Action Items –

- 1.

FY 2014 Final Research Summary Objectives

Steelhead objectives from ADS-P-2013-1 - Evaluation of Adult Salmon and Steelhead Passage Behavior in Relation to Lower Columbia River Dam Modifications

- 5. *In coordination with overwintering summer steelhead and kelt passage study objectives, evaluate upstream passage behavior (passage times, fishway use, entrance and passage efficiency, etc) of late running (October) summer steelhead at BON, TDA, JDA, and MCN. Placeholder pending prioritization of other study objectives. Schedule: 2013-2014**

Steelhead objectives from ADS-P-2013-2 - Factors Influencing Observed System Conversion Rates of Adult Chinook Salmon and Steelhead

6. Estimate unadjusted conversion rates of PIT-tagged spring-summer Chinook salmon, steelhead, and sockeye between BON and MCN to identify reaches where loss is occurring. *Schedule: 2013-2014.**

Optional tasks may include: a. Compare stock-specific conversion rates of known-source (in-river) UCR and Snake River spring-summer Chinook and steelhead.

Steelhead objectives from ADS-S-13-1 - Migration and Passage Behavior of Overwintering Summer Steelhead in the Lower Columbia and Snake Rivers

1. Determine geographic and 3-d distribution of steelhead overwintering in the mainstem Columbia and Snake rivers and tributaries.
2. Evaluate magnitude and temporal distribution of downstream movement and/or milling behavior throughout the winter.
3. Estimate relative upstream and downstream (fallback) route use of overwintering steelhead at Lower Columbia and Snake River dams.
4. Evaluate winter passage treatments at McNary for steelhead based on previous hydro-acoustic and direct injury study results: RSW spill vs deep spill vs turbine passage efficiencies.

NOTES: