



Northwest Indian Fisheries Commission

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2016 Tribal Pre-season Technical Meeting February 23, 2016, 10:00am-4:00pm Northwest Indian Fisheries Commission Conference Center

10:00 AM Welcome/introductions/introductory remarks

1. Run Reconstruction (RR): What is run reconstruction and why do we do it?
 - a) Chinook run reconstruction - Galen Johnson
 - b) Coho run reconstruction - Marlene Bellman

This will include a general overview of how run reconstruction is conducted for each species and the strengths and weaknesses of current methods: it will not be a detailed technical description of run reconstruction methods.

For each species, we would like to have a round-table discussion with Tribal biologists about:

 - i. Do you review the data that go into the RR process for your stocks of concern?
 - ii. Do you use RR results on an annual basis? What do you use it for?
 - iii. Are there things you would like to use RR for but currently cannot because of its limitations?
 - c) Should RR be improved? How could it be improved? Are there alternatives to RR?

Lunch Break (lunch provided)

2. Coho double index tag (DIT) program - Marianna Alexandersdottir
 - a) Update on results for the 1998-2009 brood years and fisheries.
 - b) Mark-selective fishery impacts by region. Can we detect differences in exploitation rates between marked and unmarked stocks?
 - c) How are DITs used to estimate unmarked fish mortalities in mark-selective fisheries?
 - d) Can we estimate unmarked fish mortalities if we don't have DITs?
 3. Review of the WDFW Chinook mark-selective fishery sampling and estimation program and historical review of estimated impacts- Bob Conrad
 4. Concluding thoughts and wrap-up.
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