

COLUMBIA RIVER REGIONAL FORUM

TECHNICAL MANAGEMENT TEAM

January 22, 2003

FACILITATOR'S SUMMARY NOTES ON FUTURE ACTIONS

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The following notes are a summary of issues that are intended to point out future actions or issues that may need further discussion at upcoming meetings. These notes are not intended to be the "record" of the meeting, only a reminder for TMT members.

Instream Juvenile Fish Survival:

Steve Smith, NMFS Science Center, presented information on a 10 year pit-tag juvenile fish survival study. He concluded from the study that there is a weak correlation between survival and flow below the flow threshold and no correlation between survival and flow above the threshold (although survival is high in high flow years). Oregon reminded the group that immeasurable variables were not included in the study.

Lower Snake Adult Fish Migration:

Chris Perry, University of Idaho, presented a study on Lower Snake adult fish migration. He concluded from the study that temperature has an impact on travel time of adult migrating fish. The next step for the researchers is to look at impacts of temperature and travel time on adult fish survival. Chris's presentation will be linked to the TMT website.

Single Trace Procedure (STP):

Harold Opitz, River Forecast Center, presented information on the STP model that is being used in forecasts. Due to technical difficulties, Harold will present test results of the model at the next TMT meeting. The advantages to using this model, he reported, are: it presents trend information of where the precipitation season is headed; it can factor in other impacts to the system such as regulation and local flows, the information is available in text format for easy downloading to spreadsheets, and it provides consistency since just one model is being used. The RFC would like to use this model as a substitute for the spring SSARR model. The next step, he said, is the "ESP" model.

Chum Flow Scenarios:

The Action Agencies each presented alternative chum flow scenarios in the hopes that the Salmon Managers could use the information to make a recommendation for operations for the next two weeks.

The COE used its Q Adjust model to run two scenarios:

- Alternative 1 targets April 10 flood control at Grand Coulee and meets 65 kcfs at Vernita Bar.
- Alternative 2 meets 125 kcfs for chum and targets April 10 flood control at Grand Coulee.

BPA ran a number of scenarios and showed spring flow, April 10 refill, and BPA financial implications from each of the scenarios.

Shane Scott gave a presentation of WDFW's qualitative chum surveys at Ive's Island on January 16th. Shane stressed the importance of striking a balance in the system.

The group spent the rest of the meeting discussing operation recommendations based on the information that was shared by the Action Agencies and Washington. No consensus was reached on the issue. The Salmon Managers met the following day to discuss the issue. TMT then scheduled a conference call for Friday, Jan. 24, 1:00 – 2:00 hours to further discuss the chum issue.