Interior Columbia Technical Recovery Team Meeting Minutes
January 28-30, 2004
NMFS Office, 525 NE Oregon St, Portland, OR

❖ **Attendance**

Members: Dale McCullough, Charlie Petrosky, Tom Cooney, Rich Carmichael, Fred Utter (28th & 29th), Paul Spruell (28th & 29th), Phil Howell, Howard Schaller, Pete Hassemer, Michelle McClure

Others: Don Martin, Jessica Piasecke, Damon Holzer, Carmen Andonaegui, Erik Tinus (28th & 29th), Mike Morita, Aaron Maxwell (28th), Elizabeth Gaar (30th), Rob Walton (30th), Angela Somma (30th, on the phone), Nora Berwick (30th).

Viability

Questions to consider:

- how quantitative to make the scoring process
- whether to use a report card or single cumulative score approach, and how to assign each rating or score
- how to weight each VSP parameter
- when deciding on a score, which criteria to address, and how to decide on the grade or score for each one

Discussion points:

- an ESU must have viable populations in order to be delisted, and there must be adjustments for the size and complexity of each watershed when scores are calculated
- the viability curve will be adjusted for each population based on spatial structure and diversity
- the ICTRT would have to go through the report card process to get to a single score anyway, and with the report card approach there is not tradeoff in the score when weighing different types of factors, as each factor is graded separately
- how/whether to consider historic potential of a population in its viability rating
- each ESU must have a certain number of populations which meet the viability curve, with some geographic distribution among the viable populations
- is there a minimum number of major population groupings (MPG) necessary for an ESU to be viable, or must all be?
- how to treat hatchery influence
- is it important for the ICTRT to understand the relationship between hydrologic units and major population groupings
- need to formalize

Decisions

- the ICTRT will use the report card system to score each population for viability, with the following categories: spatial structure, abundance/productivity, and diversity
- "strata" and "major groupings" will henceforth be called "major population groupings"
- Preliminary ESU-guidelines will be applied to 1-2 ESUs and tested

Assignments/Needs

- *Tom* and some others will work on adjusting the viability cure for spatial structure and diversity
- more work is needed on variance - is there a pattern or a hint of a relationship?
- decide if life cycle/survival should be split into stages for viability curves and/or productivity guidelines/goals
- a complete analysis of spatial structure
- systematic way to define juvenile migration timing
- diversity resilience - does report card have diversity & how to characterize it
- *Rich*: 1st diversity set
- *Michelle* will get a list of things needed for dispersal analysis

Subbasin Planning

Discussion

- what does the ICTRT wants its role to be in subbasin planning

Assignments

- *Michelle* will send out an email soliciting specifics about guideline development
- *Pete, Rich, and Tom* will produce a combination summary of principles behind subbasin planning

Miscellaneous

Decision: The ICTRT will cite its documents as the "Interior Columbia Technical Recovery Team" rather than with the lead author's name.