

MEETING SUMMARY

Hatchery Scientific Review Group (HSRG)/Co-Manager Technical Workshops

June 10, 2004, NOAA Sand Point Building 9 Auditorium, Seattle

July 20 & 21, 2004, Red Lion Hotel, Silverdale

July 28 & 29, 2004, Best Western Cottontree Inn, Mount Vernon

August 30–September 2, 2004, Sheraton Hotel, Tacoma

September 14–16, 2004, Ocean Shores Convention Center, Ocean Shores

In Attendance:

1. HSRG members John Barr (vice chair), Lee Blankenship (vice chair), Don Campton, Trevor Evelyn, Connie Mahnken, Lars Mobernd (chair), Lisa Seeb, Paul Seidel, Bill Smoker and alternate Tom Flagg.
2. Facilitation team members Barbara Cairns, Betsy Daniels, Michael Kern, Bj Mirk, Michael Schmidt, Jim Waldo and Josh Weiss.
3. Tribal participants Larry Ward, Elwha Klallam Tribe; Scott Chitwood, Jamestown S'Klallam Tribe; Alan Chapman, Bob Hall and Ernie Jeffers and Ike Jefferson, Lummi Tribe; Joe Hinton and Caroline Peterschmidt, Makah Indian Nation; Richard Johnson, Paul Hage, Gail Larsen, Mike Mahovlich and Dennis Moore, Muckleshoot Indian Tribe; Shane Bryant, Jeanette Dorner, Mary Evans, Bill St. Jean, David Troutt and Kirsten Workman, Nisqually Tribe; Ned Currence, Nooksack Tribe; Marianna Alexandersdottir, Jim Anderson, Jim Bertolini, Kyle Brakensiek Ken Currens, Marcia House, Bruce Stewart and Terry Wright, NWIFC; Nick Lampsakis and Chris Weller, Point No Point Treaty Council; Cindy Gray, Port Gamble S'Klallam Tribe; Blake Smith, Puyallup Tribe; Danni Buesch, Roger Lien and Kris Northcutt, Quileute Tribe; Larry Gilbertson, Quinault Indian Nation; Rebecca Bernard, Bob Hayman, Skagit River System Cooperative; Dave Herrera, Skokomish Indian Tribe; Kip Killebrew, Stillaguamish Tribe; Paul Dorn, Mike Huff and Jay Zischke, Suquamish Tribe; Michelle Myers, Upper Skagit Tribe; Mike Crewson and Kit Rawson, The Tulalip Tribes.
4. State participants Dan Adkins, Randy Aho, Rob Allan, Jim Ames, Brodie Antipa, Andy Appleby, Ed Argenio, Jim Bauer, Anne Blakely, Gary Bell, Keith Burns, Craig Busack, Bill Campbell, Martin Chen, Darin Combs, Tom Cropp, Kent Dimmitt, Rich Eltrich, Rick Ereth, Manuel Fariñas, Steve Foley, Bill Freymond, Bob Gibbons, Mike Gross, Doug Hatfield, Jeff Haymes, Curt Holt, Kirt Hughes, Ken Isaksson, Jim Jenkins, Chuck Johnson, Thom Johnson, Ed Jouper, Keith Keown, John Kerwin, Dave Kloempken, Jeff Koenings, Curt Kraemer, Kirk Lakey, Anne Marshall, Hal Michael, Michael Muller, Larry Peck, Chuck Phillips, Denis Popochock, Jill Rossman, Bruce Sanford, Steve Seymour, Steve Stout, Joan Thomas, Ted Thygesen, Jack Tipping, Jed Varney, Ron Warren and Kevin Young, WDFW.
5. Federal participants Patty Crandell, Douglas DeHart, Chuck Dunn, Paul Hayduk, Tom Kane, Sonia Mumford, Randy Rickert, Larry Telles, Ron Wong, Bob Wunderlich and Dave Zajac, USFWS.

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Discussion:

On June 10, 80 people attended the HSRG/Co-Manager Technical “Kick-Off” meeting at NOAA Sand Point in Seattle. Terry Wright, Larry Peck and Lars Moberg introduced the technical workshops and regional co-management meetings to be held this summer and fall, respectively. Connie Mahnken reviewed the HSRG’s principles and system-wide recommendations. Craig Busack, Andy Appleby and Connie Mahnken presented different aspects of the integrated/segregated hatchery programs concept. Michael Kern facilitated a Q&A session.

From July 20–September 16, 2004, co-manager representatives from each of ten regions within Puget Sound and the Washington coast participated in one-day technical workshops with the HSRG. The purpose of the workshop series was to review the HSRG’s guidelines for integrated and segregated hatchery programs,¹ apply them to regional case studies, and prepare for regional, co-manager decision-making meetings to follow. The HSRG’s role is a technical and scientific one. The co-managers have the policy responsibility to define goals for each stock, prioritize those goals, and make decisions about acceptable levels of risk. Hence, the HSRG will not participate in the decision-making meetings, unless requested to do so by the co-managers.

The HSRG discussed its responsibility to provide Congress with a report on how implementation of hatchery reform is going. The HSRG requested information for this report from the co-managers. The HSRG said it hoped to be able to report that: 1) stock goals are explicit and clearly stated; 2) a process/strategy is in place to make progress toward achieving those goals (one that is consistent with the HSRG’s principles and system-wide recommendations); and 3) initial steps have been taken to operationalize that plan. As part of the preparation for this report, the HSRG asked the co-managers to review and update regional stock structure and management premises for biological significance, population viability, habitat and harvest; and hatchery program purpose (harvest, conservation, both, etc.) and type (integrated or segregated).

Throughout the meeting, participants kept track of key regional issues that may be part of the conversation at the regional, co-manager decision-making. These meetings began as the workshop series was nearing completion and will continue through the fall. They will allow the co-managers to identify and address key issues that need to be resolved in each region. They will lead to updates in Hatchery and Genetic Management Plans (HGMPs), Resource Management Plans (RMPs) and other salmon management documents and processes.

Most of the time at each workshop was devoted to one or more case studies in which regional, hatchery programs were evaluated via a model created by HSRG, WDFW and NWIFC scientists during the spring of 2004. The model (currently referred to as the “All H Analyzer” or AHA) allows the user to input data reflecting current habitat productivity/capacity, harvest rates, and hatchery operations. The model then predicts what should result from that set of factors, both in terms of fish returning to the habitat, harvest and hatchery and the amount of influence the natural environment will have on the composite hatchery/natural population. The model also allows the user to see how these results will change in the short- and long-terms if the habitat,

¹ See *Hatchery Reform: Principles and Recommendations of the Hatchery Scientific Review Group*, April 2004, for more information on integrated and segregated hatchery programs. Available electronically at www.hatcheryreform.org.

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harvest and/or hatchery parameters are changed. The following programs were the subject of these case studies:

- Dungeness Chinook
- Dungeness Coho
- Hood Canal Chinook
- Hood Canal Coho
- Skagit Summer Chinook
- Skagit Hatchery Coho
- Skykomish Summer Chinook
- North Fork Stillaguamish Chinook
- North Fork Nooksack Spring Chinook
- Nooksack Coho
- Nisqually Fall Chinook
- Nisqually Coho
- Puyallup Fall Chinook
- Puyallup Coho
- White River Spring Chinook
- Green River Fall Chinook
- Lake Washington Fall Chinook
- Naselle River Fall Chinook
- Naselle River Coho
- Humptulips River Fall Chinook
- Humptulips River Coho
- Satsop River Coho
- Queets River Fall Chinook
- Quillayute Summer Chinook
- Hoko River Fall Chinook