

What is needed	What the Federal Agencies are Doing or Planning to Do	Timeline	Plans for Coordination Outside Federal Agencies	Comments
Court ordered status reports	Provide quarterly status reports and a revised biological opinion to court.	1 st - Oct 1, 2003 2 nd - Jan 1, 2004 3 rd - Apr 1, 2004 4 th - Jun 2, 2004 final	Documents will be provided to all attorneys	POC = Disheroon
Update status information	1. Updates for >01, >02 and (to the extent possible) >03 adult returns. Three iterations, each incorporating available adult info and refinements as developed in tasks described below.	1 st - Aug >03 2 nd - Jan >04 3 rd - Apr >04	Will be presented in a variety of fora, including CBFWA and NPCC.	POC = Brown Comments welcomed. No plans for a formal collaborative team process. A new SimSalmon model developed for running CRI alternatives will be made available for general use
	2. Refinements to potential analytical tools (i.e., CRI, lambda) developed through scientific workshop.	To be scheduled in late fall	NOAA Northwest Science Center (NWC) will distribute a white paper reviewing potential tools. Co-managers will be invited to participate in the workshop as will nationally recognized experts selected by NWC.	
	3. Refinements to ESU/ population definition, recovery targets, mean generation time, and viability criteria based on TRT work	Incorporated as available	Through TRT process	
	4. Refinement to risk assessment to reflect new listing status, including any change in the relevance of hatchery fish	New proposed listing status expected by March 2004 (final action anticipated by end of 2004).	The draft Biological Review Team report has been reviewed by co-managers, who also met directly with the BRT. The final report will be released with proposed listing determinations which will then be subject to formal review and comment (up to 90 days)	

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	5. Update direct and indirect survival effects of hydro actions.	Dec >03 update in draft White Papers (see below)	NWC scientists will consult with external scientists as needed during draft development and response to comments.	
	6. Prepare ESU summaries reflecting most recent information available on current and target abundance, population growth rate, and other measures of population status and viability. This will be done by Salmon Recovery Coordinators and Domain teams.	Drafts by Jan 31.	Drafts will provided for review and comment.	
Update white papers on basic science	Update white papers on (1) Flow, (2) Project passage (incl. spill), and (3) Juvenile fish transportation (incl. Ad@). Produce new white papers on (4) Effectiveness of hatchery fish spawning in the wild, and (5) Potential for survival improvements through offsite mitigation actions in the estuary and near-shore ocean.	All papers on same schedule: Draft released for review Dec >03 30-day comment period. Final papers and response to comments released Apr >04	NWC is developing papers. NWC scientists will consult with external scientists as needed during draft development and response to comments.	POC = Brown
Refine what to count	For Federal habitat actions on Federal land: determine which ESA consultations to count. Work with federal habitat team to develop a process for collecting information. For other Federal habitat and hatchery actions (including federally licensed dams and habitat on non-Federal land): determine which projects to count.	Complete initial list by Dec >03	September 24, 2003 letter to States and Tribes requested their help develop the list of actions, starting with their designation of a point of contact. Intend to work with co-managers to identify actions that Acount.@ In keeping with the priority that the Federal agencies place on subbasin planning, we intend to work with and to minimize disruption of that process by working with the Regional Coordination Group.	POC = Walton

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	For non-Federal actions: determine what actions are reasonably certain to occur.			
Refine how to count offsite habitat mitigation	1. <u>Identify intrinsic potential</u> : Characterize <i>tributary</i> areas within a population with respect to their ability to support salmon populations based on their natural characteristics. (i.e. areas with gradient, geology, climate and other features that would inherently be areas of high, medium or low productivity)	NWC to complete work product in Jan 2004 (an accelerated effort in the Wenatchee, Yakima and Grand Ronde subbasins is expected to be available in December)	Undefined. To be developed in conjunction with the TRT and Subbasin Planning processes	POC = Kratz Process will rank candidate limiting factors on a population specific basis with respect to the potential for improving population status by changing current conditions in habitat. This is a area of scheduling concern.
	2. <u>Characterize divergence from natural conditions</u> : Determine the degree of alteration in current <i>tributary</i> habitat processes and instream conditions (candidate limiting factors), using spatially explicit analyses.	NWC to complete work product in Jan 2004	Undefined. To be developed in conjunction with the TRT and Subbasin Planning processes	
	3. <u>Describe proportion of population affected</u> : Determine the life stage and proportion of the population affected by each candidate limiting factor in the <i>tributaries</i> .	NWC to complete work product in November 2003	Undefined. To be developed in conjunction with the TRT and Subbasin Planning processes	
	4. <u>Linkage</u> : Link changes in <i>tributary</i> habitat processes/instream conditions to potential changes in population status (all four VSP parameters). NOAA is currently working with the NWC to develop a rule set for relating projects to intrinsic potential and limiting factors at the population level. This rule set will help to ensure a focus on projects with the greatest potential.	NWC to complete work product in Jan 2004	Undefined. To be developed in conjunction with the TRT and Subbasin Planning processes	

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	<p>5. <u>Integration</u> (compilation of steps 1-4): Develop population-specific lists of limiting factors <i>in tributaries</i>, ranked by order of potential impact on population status. (i.e. Rank of each limiting factor in a population = degree of alteration from historic conditions + intrinsic potential of affected areas + proportion of the population affected + the potential result of improving the affected area on each VSP parameter)</p>	NWC to complete work product in Feb 2004	Undefined. To be developed in conjunction with the TRT and Subbasin Planning processes	
	<p>6. <u>Estuary and Mainstem</u>: Develop population-specific lists of limiting factors in the estuary and mainstem ranked by order of potential impact on population status.</p>	to be developed	Undefined. To be developed in conjunction with the TRT and Subbasin Planning processes	
	<p>7. <u>Rank areas</u>: Determine the relative potential for changes in population status that would be expected from changes in estuary, mainstem and tributary habitat.</p>	to be developed	Undefined. To be developed in conjunction with the TRT and Subbasin Planning processes	
Refine how to count offsite hatchery mitigation	<p>NOAA Fisheries will develop and release a hatchery policy</p> <p>Depending on the policy, there may be further technical questions in need of development and staffing to incorporate this information into the analysis</p>	Will be available (though not likely final) at least by March 2004 since it will be an integral part of the listing proposals due at that time.	NOAA Fisheries has committed to provide an opportunity for another co-manager review prior to finalizing this policy.	POC = Darm
Validate or refine jeopardy standard as described in	Ensure jeopardy standard is consistent with current judicial and administrative requirements.	Jan >04	None.	POC = Eames

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2000 FCRPS BiOp				
Refine approach to use of risk metrics in jeopardy analysis	Recognizing that many analytical tools may not reflect '7(a)(2) standards regarding obligations of the FCRPS agencies, the Federal parties will step down broad analyses such as CRI in the jeopardy analysis. As before, the Federal agencies anticipate a largely qualitative decision, informed by the analysis and review of quantitative information. We anticipate a more complete display of the uncertainties surrounding the estimates of population growth rate and other indicator metrics.	Ongoing with each new iteration of the risk assessment (Aug 03, Jan 04 and Apr 04 as noted above)	Continued informal presentations and discussion with co-managers as on July 30, 2003.	POC = Toole The Federal agencies are interested in a more structured discussion with co-managers on alternative quantitative analyses that could inform the decision.
Revised BiOp	Revise BiOp to update analysis and bring it into conformance with judicial and administrative requirements.	Provide draft for comment by late March (prior to April 2 report to Court). Comments needed by May 1 to meet June 2 date for revised BiOp	Circulate draft for comment and provide written response to key comments as with July 2000 draft FCRPS BiOp.	POC = Brown/Walton

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2003 Operations	Implementing the BiOp	Spring/summer operations have concluded. Fall operations are just beginning.	IT/TMT. At the request of the Montana Governor's office, also held executive session on the potential for early termination of summer spill and reduction in the drafting of Montana reservoirs.	POC = Anderson
FY04 Budget	Each agency is working through its own process to secure funding for BiOp/All-H implementation.	Ongoing	Federal Caucus will schedule a cross-cut budget briefing in March 2004 to discuss FY04 enacted budgets and the President's proposed budget for FY05.	N/A
FY04-08 Implementation Plan (IP)	Plan currently in development	Planned for release in October	Co-manager comments were solicited by e-mail on July 2, 2003.	POC = Bodi
NOAA Findings on FY04 IP	Prepare findings report on the FY04 implementation plan	Due 45 days following finalization of the IP.	None.	<p>POC = Toole</p> <p>Since the criteria for this and the two earlier findings were the requirements of Appendix F and were largely related to the >03 check-in, there are no specifically defined expectations for many RPA actions beyond the >03 check-in. Therefore, this report will combine a review of continuing RPA action implementation with a transition to more of a focus on individual ESUs, performance standards and subbasin/recovery planning guidance in future annual findings.</p>
2003 Action Agency	Report currently in development. Report contents are explicitly	Released on 9/29/2003	None in the preparation of the report. However,	POC = Fodrea

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cumulative progress report for check-in	defined in the BiOp and include evaluation of funding and authorizations, initiation of pilot studies, research and monitoring, status of subbasin assessments and hatchery genetic management plans, adoption of biological performance standards, adoption of site-specific offsite mitigation plans, establishment of objective physical standards, and progress of the non-FCRPS agencies= implementation of All-H commitments that are not part of the RPA.		comments on the final report that are received by October 31, 2003 will be considered by NMFS in its response.	See BiOp Section 9.5.2.2 for a more complete description.
NOAA Findings on 2003 check-in report	Prepare findings as described in the BiOp	Complete Findings by December 15.	Comments on the Action Agency report that are received by the end of October will be considered in the NOAA findings. There are no plans to provide a draft of the NOAA findings for review.	POC = Brown/Walton See BiOp Section 9.5.2.3 for a more complete description.
FY03 Action Agency Detailed Progress Report	Detailed reporting of FY03 operations and funding activities.	Release by May 2004	None	POC = Bodi
2004 Operations	Implementing the BiOp. The Water Management Plan will be developed with full consideration of the Northwest Power and Conservation Council=s mainstem amendment and may	Ongoing Overall WMP due in Oct. Fall/Winter update due Dec.	IT/TMT will continue to be the focus on Federal operational decisions. The Federal agencies are currently working with both CFWA and the NPCC to	POC = Anderson

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	result in additional research on spill or reservoir operations	Spring/Summer update due Apr. Next CBFWA meeting 10/3/03 Next NPCC meeting 10/10/03	refine and further develop the research objectives included in the mainstem amendment for inclusion in the Water Management Plan	

FCRPS Remand Timeline
Sept. 30, 2003

September 2003

Request Point of Contacts for remand updates (9/10/03)
Request co-manager Point of Contacts for non-federal actions (9/24/03)
Action Agency cumulative progress report for 2003 Check In (9/29/03)
Remand website on line (9/30/03)

October 2003

First Quarterly Status report due (10/01/03)
Action Agency 2004-2008 Implementation Plan
2004 Water Management Plan adopted

November 2003

Determination of the proportion of each population affected by key tributary habitat limiting factor

December 2003

NOAA Fisheries Findings Letter on 2003 Check In report and 2004-2008 Implementation Plan (12/15/03)
Interior Technical Recovery Team Draft ESU/population Viability Report Fall/Winter Water Management Plan update
Initial Awhat to count@ list
Draft Science Center white papers completed (12/15/03)

January 2004

Second Quarterly Status report due (01/2/04)
Validate or refine jeopardy standard
Second CRI analysis completed
Draft ESU summaries distributed for comment
Assessment of the divergence between current and historic habitat conditions (by population)
Characterization of intrinsic potential productivity of habitat areas within population boundaries to support salmonid populations
Linkage of changes in tributary habitat processes to potential changes in status (by population)

February 2004

Integration of tributary habitat components into estimate of potential for population change

March 2004

New proposed listing status released (3/31/04)

New hatchery policy released
Draft BiOp circulated for review and comment (3/24/04)

April 2004

Third Quarterly Status report due (4/1/04)
Spring/Summer Water Management Plan update
Final CRI analysis completed
Final Science Center white papers due

May 2004

Draft BiOp review comments due (5/1/04)
Action Agency FY03 detailed Progress Report
Subbasin Plans due

June 2004

Final BiOp completed (6/2/04)

Unscheduled Items

- < Science Center workshop on analytical tools
- < Integration of results for estuary habitat to estimate potential for population change
- < Characterization of relative potential for change in population status due to changes in estuary, mainstem and tributary habitats