

Ref.	Coordination Element from 2009 Program	Objective (Why)	Deliverable (What)	Adaptive Management Step	Principle Committee	Frequency of Meetings	Alternative
1	Facilitation and participation in focus workgroups on Program issues	Provide a forum where the fish and wildlife managers can openly discuss issues and seek to find common solutions to problems facing fish and wildlife populations in the Columbia River Basin	Facilitated discussion among the fish and wildlife managers in an effort to find consensus, to improve the quality of fish and wildlife decision making, and to influence other regional decision makers (external influence)	Implementation	MAG and Committees	Monthly	Have Members meet once or twice per year to approve work plans and provide general policy guidance Defer most CBFWA actions to MAG for approval
2	Coordination of projects, programs and funding sources within subbasins	Cost effective integration of Program activities with other fish and wildlife management processes	Assure comprehensive and effective planning and implementation of fish and wildlife programs in the Columbia River Basin through collaboration and discussion within the CBFWA forum (internal influence)	Planning	MAG and Committees	Monthly	Have Members meet once or twice per year to approve work plans and provide general policy guidance Defer most CBFWA actions to MAG for approval
3	Facilitation and participation in focus workgroups on Program issues	Support and facilitate ad-hoc workgroups as necessary to implement Program objectives	Maintain flexibility within CBFWA to establish and staff ad-hoc committees to address important issues as they arise	Implementation	MAG and Committees	NPCC/BPA Schedule	Develop new proposals similar to the Monitoring Framework proposal for each new Program issue that requires Member coordination
4	Facilitation and participation in focus workgroups on Program issues	Facilitate discussions on anadromous fish reintroductions in the blocked areas of the Columbia River Basin	Consensus co-manager recommendations on studies for developing a recommended approach to assess potential for anadromous fish reintroductions across the basin				
5	Developing and tracking biological objectives	Assist the Council in developing scientifically rigorous biological objectives above the subbasin or population level	Consensus co-manager involvement in development of standard metrics for reporting biological objectives above the subbasin or population level	Planning	AFAC	Monthly	Defer to NPCC processes for developing higher level biological objectives
6	Coordination of projects, programs and funding sources within subbasins	Assist the Council in the developing of a Systemwide and Basinwide Management Plan(s)	Support/facilitate consensus co-manager input into the development of a Systemwide or Basinwide Management Plan(s)	Planning	AFAC	NPCC Schedule	No CBFWA staff involvement in development of Systemwide or Basinwide Management Plan
7	Project proposal review	Support co-manager participation in Council's ongoing project review processes	Coordinated technical and policy support for the development of project/program proposals submitted in the RM&E Categorical Review and the Artificial Production Categorical Review to verify consistency with Program measures (linkage of actions to objectives) and ensure consistency between proposals	Planning	AFAC	NPCC/BPA Schedule	CBFWA staff facilitates manager review of proposals. CBFWA staff has no role in project reviews.
8	Project proposal review	Support co-manager participation in Council's ongoing project review processes	Coordinated technical and policy reviews of project/program proposals for some or all submissions in the RM&E Categorical Review and the Artificial Production Categorical Review and verify consistency with Program measures (linkage of actions to objectives)	Planning	AFAC	NPCC/BPA Schedule	Members participate individually as projects sponsors with no consensus project review process (similar to Wildlife Categorical Review). CBFWA staff provides support for proposal writing and integration with Program objectives.
9	Review of technical documents and processes	Provide opportunity for consensus review and comment on draft Program implementation documents and processes by the fish and wildlife agencies and tribes	Consensus comments on the final anadromous fish monitoring framework, HSRG results and recommendations, and other documents related to anadromous fish issues released for public comment	Implementation	AFAC	As needed	Submit comments on BiOp and Council documents individually
10	Facilitation and participation in focus workgroups on Program issues	Support coordination of fish agencies and tribes input to FCRPS fish mitigation for resident fish impacts	Coordinate resident fish projects, programs and funding sources to ensure efficiency	Implementation	RFAC	Monthly/as needed	Rely on Council and BPA sponsored forums as resident fish issues arise and participate as interested parties
11	Project proposal review	Support co-manager participation in Council's ongoing project review processes	Coordinated technical and policy support for the development of project/program proposals submitted in the Artificial Production Categorical Review and Resident Fish - Blocked Area Review to verify consistency with Program measures (linkage of actions to objectives) and ensure consistency between proposals	Planning	RFAC	NPCC/BPA Schedule	CBFWA staff facilitates manager review of proposals. CBFWA staff has no role in project reviews.
12	Project proposal review	Support co-manager participation in Council's ongoing project review processes	Coordinated technical and policy reviews of project/program proposals for some or all submissions in the Artificial Production Categorical Review and Resident Fish - Blocked Area Reviews and verify consistency with Program measures (linkage of actions to objectives)	Planning	RFAC	NPCC/BPA Schedule	Members participate individually as projects sponsors with no consensus project review process (similar to Wildlife Categorical Review). CBFWA staff provides support for proposal writing and integration with Program objectives.
13	Coordination of projects, programs and funding sources within subbasins	Assist the Council in the developing of a Systemwide and Basinwide Management Plan(s)	Support/facilitate consensus co-manager input into the development of a Systemwide or Basinwide Management Plan(s)	Planning	RFAC	NPCC Schedule	No CBFWA staff involvement in development of Systemwide or Basinwide Management Plan
14	Facilitation and participation in focus workgroups on Program issues	Support coordination of fish agencies and tribes input to FCRPS fish mitigation for resident fish impacts	Consensus comments on resident fish specific issues related to implementation of the Fish and Wildlife Program	Implementation	RFAC	Monthly/as needed	Rely on Council and BPA sponsored forums as resident fish issues arise and participate as interested parties
15	Facilitation and participation in focus workgroups on Program issues	Support coordination of fish agencies and tribes input to FCRPS fish mitigation for resident fish impacts	Implementation of resident fish loss assessments consistently across Columbia River Basin	Implementation	RFAC	Monthly/as needed	Rely on Council and BPA sponsored forums as resident fish issues arise and participate as interested parties
16	Facilitation and participation in focus workgroups on Program issues	Develop recommendations for protocols for defining wildlife operational losses and resident fish losses	Consensus recommendations for protocols for evaluating and defining operation losses for resident fish caused by operation of the FCRPS	Planning	RFAC	Monthly	Defer to Council process to eventually develop resident fish and wildlife loss assessment protocols
17	Facilitation and participation in focus workgroups on Program issues	Discuss and provide consensus comment on issues related to wildlife mitigation in the Columbia River Basin	Coordinate wildlife projects, programs and funding sources to ensure efficiency	Implementation	WAC	Monthly	Rely on Council and BPA sponsored forums as wildlife issues arise and participate as interested parties

18	Facilitation and participation in focus workgroups on Program issues	Support agencies and tribes participation in the Council's Wildlife Crediting Forum	Facilitate agencies and tribes development of consensus policy and technical recommendations to the Council's Wildlife Crediting Forum	Implementation	WAC	Monthly	Agencies and tribes participate individually on WCF
19	Review of technical documents and processes	Achieve regional support for a common outline or framework for wildlife area management plans	Collaborative development and agreement on a template for wildlife area management plans to support Program objectives	Planning	WAC	As needed	Council or BPA will facilitate development of template for wildlife area management plans
20	Review of technical documents and processes	Achieve agreement on common guidelines for developing wildlife mitigation agreements between BPA and the wildlife agencies and tribes	Consensus agreement on a framework or guidelines for developing wildlife mitigation agreements between BPA and the fish and wildlife agencies and tribes	Planning	WAC	As needed	Continue to rely on individual negotiations with BPA
21	Monitoring and Evaluation (framework and approach)	Develop a monitoring framework for reporting against wildlife objectives within the Program	Consensus recommendations on how to track and monitor effectiveness towards meeting wildlife objectives	Planning	WAC	As needed	Rely on NPCC and BPA to develop wildlife M&E framework
22	Facilitation and participation in focus workgroups on Program issues	Develop recommendations for protocols for defining wildlife operational losses and resident fish losses	Consensus recommendations for protocols for evaluating and defining operation losses for wildlife populations caused by operation of the FCRPS	Planning	WAC	Monthly	Defer to Council process to eventually develop resident fish and wildlife loss assessment protocols
23	Facilitation and participation in focus workgroups on Program issues	Support coordination of issues related to river operations in the Columbia River Basin	Provide policy direction for Fish Passage Center	Implementation	FPAC	Monthly/weekly	Operate FPAC for benefit of salmon managers only
24	Facilitation and participation in focus workgroups on Program issues	Support coordination of issues related to river operations in the Columbia River Basin	Coordinate fish operations analysis and requests balancing resident fish and anadromous fish requirements when requested	Implementation	FPAC	Monthly/weekly	Operate FPAC for benefit of salmon managers only
25	Facilitation and participation in focus workgroups on Program issues	Support coordination of issues related to river operations in the Columbia River Basin	Develop a basin-wide water routing model to optimize system benefits	Planning	FPAC	Monthly/weekly	Defer to BPA and Council efforts
26	Facilitation and participation in focus workgroups on Program issues	Support coordination of issues related to fish screens in the Columbia River Basin	Organize and host the Annual Northwest Fish Screening and Passage Workshop	Implementation	FSOC	Quarterly	Develop new proposals for each new issue that requires Member coordination to address
27	Facilitation and participation in focus workgroups on Program issues	Support coordination of issues related to fish screens in the Columbia River Basin	Seek and implement full Mitchell Act and FRIMA funding for fish screens in the Columbia River Basin	Implementation	FSOC	Quarterly	Develop new proposals for each new issue that requires Member coordination to address
28	Facilitation and participation in focus workgroups on Program issues	Support coordination of issues related to fish screens in the Columbia River Basin	Ensure fish screen criteria are adequate for lamprey as well as juvenile salmonids	Implementation	FSOC	Quarterly	Develop new proposals for each new issue that requires Member coordination to address
29	Facilitation and participation in focus workgroups on Program issues	Inform interested parties and stakeholders of current lamprey issues.	Organize and host a lamprey workshop	Evaluation	LTWG	As needed	Contract directly with BPA to facilitate lamprey workshop
30	Coordination of projects, programs and funding sources within subbasins	Integrate lamprey passage requirements with other mitigation responsibilities	Work with USCOE and other interested parties to develop lamprey passage objectives and related performance standards and measures	Planning	LTWG	As needed	Rely on AFEP or SCT forums for discussion of lamprey passage objectives
31	Review of technical documents and processes	Review documents related to lamprey mitigation	Literature review paper including information on risks and benefits of, and alternatives to, trans-locating adult lamprey	Planning	LTWG	Monthly	Members may choose to participate individually in Council established processes
32	Monitoring and Evaluation (framework and approach)	Implement a regional anadromous fish monitoring framework	31. Support/facilitate co-manager implementation and reporting of anadromous fish monitoring programs across basin	Implementation	M&EAC	Monthly	Co-managers coordinate M&E implementation through RIOG, PNAMP, StreamNet, or other for a
33	Monitoring and Evaluation (framework and approach)	Support the continued development of a regional anadromous fish monitoring framework	Review, comment on, and implement a basinwide tagging strategy	Planning	M&EAC	NPCC Schedule	Co-managers engage individually in providing input on these products
34	Monitoring and Evaluation (framework and approach)	Support the continued development of a regional anadromous fish monitoring framework	Review, comment on, and implement basinwide habitat monitoring priorities	Planning	M&EAC	NPCC Schedule	Co-managers engage individually in providing input on these products
35	Information dissemination (technical, policy, and outreach)	Provide web services to support Fish and Wildlife Program implementation	Maintain CBFWA website (directory, calendar, databases, job list, etc.)	Foundation	CBFWA Staff	Ongoing	Discontinue public web site
36	Data management (storage, management, and reporting)	Provide access to records associated with agencies and tribes deliberations on Fish and Wildlife Program issues	Maintain CBFWA committee web pages and data management to support CBFWA activities	Foundation	CBFWA Staff	Ongoing	Discontinue public web site
37	Facilitation and participation in focus workgroups on Program issues	Support a forum for information exchange between fish and wildlife agencies and tribes, inter-agency collaboration on shared priorities, and an ability to speak with one voice on fish and wildlife related matters	Provide CBFWA meeting facilities and administrative support	Foundation	CBFWA Staff	Ongoing	Discontinue online document management for CBFWA committees
38	Not a specific element of coordination in 2009 Program	Provide fish and wildlife manager administrative support	Manage contracts to provide coordination support to fish and wildlife managers for participation in Fish and Wildlife Program activities (CBFWF)	Foundation	CBFWA Staff	Ongoing	BPA contracts directly with individual agencies and tribes for coordination support
39	Information dissemination (technical, policy, and outreach)	Inform CBFWA membership of Fish and Wildlife Program activities Public disclosure through meeting agendas and action notes	Provide information updates to the co-managers on issues related to fish and wildlife activities occurring within the Columbia River Basin	Implementation	CBFWA Staff	Monthly	Have Members meet once or twice per year to approve work plans and provide general policy guidance Defer most CBFWA actions to MAG for approval
40	Coordination of projects, programs and funding sources within subbasins	Support NPCC process for updating Subbasin Management Plans	Support/facilitate co-manager input into the development of NPCC's multi-year action plans and updating subbasin management plans	Planning	CBFWA Staff	NPCC Schedule	No CBFWA staff involvement in development of Multi-year Action Plans
41	Information dissemination (technical, policy, and outreach)	Support Tribal coordination and outreach on specific issues (Provide technical and policy analysis by experienced and knowledgeable staff shared by fish and wildlife management agencies and tribes)	Share information updates with USRT, UCUT, and CRITFC as requested and attend 13 Tribes meetings as needed on issues related to FCRPS	Implementation	CBFWA Staff	As needed	CBFWA staff does not provide support to other tribal coordination forums or support 13 Tribes meetings and actions, NPCC and BPA staff provide information updates to the tribal organizations
42	Facilitation and participation in focus workgroups on Program issues	Support Tribal coordination and outreach on specific issues (Provide technical and policy analysis by experienced and knowledgeable staff shared by fish and wildlife management agencies and tribes)	Provide policy and technical assistance on tribal specific issues, provide support USRT, UCUT, and CRITFC as requested, provide support 13 Tribes meetings as needed (i.e., facilities, agendas, meeting notes, facilitation, etc.) on issues related to FCRPS	Implementation	CBFWA Staff	As needed	CBFWA staff does not provide support to other tribal coordination forums or support 13 Tribes meetings and actions

43	Information dissemination (technical, policy, and outreach)	Support State, Federal, and Tribal co-manager interaction on issues important to the Tribes	Report activities occurring within tribal forums back to CBFWA membership	Foundation	CBFWA Staff	Ongoing	Individual membership organizations could provide the updates of their activities
44	Review of technical documents and processes	Participate in Budget Oversight Group meetings and discussions	Track program spending (planned versus actuals) and report to CBFWA members	Implementation	CBFWA Staff	Monthly	Have Council or BPA staff provide monthly updates at MAG meetings
45	Review of technical documents and processes	Participate in Budget Oversight Group meetings and discussions	Provide spending updates and summaries of project review processes to CBFWA members	Implementation	CBFWA Staff	Monthly	Have Council or BPA staff provide monthly updates at MAG meetings
46	Facilitation and participation in focus workgroups on Program issues	Support Tribal involvement in Columbia River Treaty discussions	Provide support for the 13 Tribes involvement in Columbia River Treaty discussions	Planning	CBFWA Staff	As needed	CBFWA staff does not provide support to the tribes for Columbia River Treaty discussions
47	Data management (storage, management, and reporting)	Provide public access to interactive website and report on status of fish and wildlife populations in the Columbia River Basin to support Program reporting and outreach	Maintain Status of the Resource Report and Website	Evaluation	SOTR	Ongoing	Defer to Council M&E report, discontinue SOTR effort BPA could contract SOTR effort with private contractor or produce the report themselves in conjunction with their BiOp check-in reports
48	Information dissemination (technical, policy, and outreach)	Inform public of successful implementation of elements of the Fish and Wildlife Program	Public outreach on success stories transmitted through SOTR website and report	Evaluation	SOTR	Ongoing	Defer to BPA and Council efforts to demonstrate success stories
49	Facilitate reporting results of habitat status and trend program's information in a common manner through SOTR	Coordinate habitat monitoring activities among Members and land and water agencies	47. Report habitat status and trend information at the relevant population scale in the SOTR, consistent with the needs of the collecting agencies (USFS, BLM, WDOE, CRITFC, ODFW) to inform the Washington State of the Salmon Report, OWEB, BiOp and Accord reports, recovery plan monitoring	Evaluation	SOTR	Ongoing	Defer to Council M&E report, Members and other entities may need to go to multiple reports that may not report consistent derived metrics to assess habitat status and trends
50	Information dissemination (technical, policy, and outreach)	Integrate SOTR with other regional reports including Council's report to the Governors, BPA's BiOp implementation report, Washington State of the Salmon report, OWEB bi-annual report, and NOAA PCSRF report	Collaborate with NPCC, BPA, NOAAF, and states to ensure SOTR supports regional information needs	Evaluation	SOTR	Ongoing	Defer to Council M&E report, keep SOTR effort separate BPA can produce BiOp report independent of SOTR Reporting entities will need to work individually with management agencies