



# COLUMBIA BASIN FISH AND WILDLIFE AUTHORITY

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**DATE:** April 17, 2012  
**TO:** Fish Screening Oversight Committee-Juvenile Jump Height Criteria Subgroup  
**FROM:** Neil Ward (CBFWA)  
**SUBJECT:** April 16, 2012 FSOC Subgroup Teleconference – Action Notes

Coordinating and promoting effective protection and restoration of fish, wildlife, and their habitat in the Columbia River Basin.

The Authority is comprised of the following tribes and government agencies:

Burns Paiute Tribe

Confederated Tribes of the Umatilla Indian Reservation

Confederated Tribes of the Warm Springs Reservation

Confederated Tribes and Bands of the Yakama Nation

Fort McDermitt Tribes

Kootenai Tribe of Idaho

National Marine Fisheries Service

Shoshone-Bannock Tribes of Fort Hall

Shoshone-Paiute Tribes of Duck Valley

U.S. Fish & Wildlife Service

**Coordinating Agencies**

Columbia River Inter-Tribal Fish Commission

Compact of the Upper Snake River Tribes

Upper Columbia United Tribes

## FSOC Subgroup Teleconference

April 16, 2012  
 2:00 – 4:00 p.m. (Pacific)  
 Portland, Oregon

### Draft Action Notes

<b>Attendees:</b>	Neil Ward (CBFWA)	
<b>By Phone:</b>	Jody Brostrom (USFWS), Bryan Nordlund (NMFS), Ken Loffink (ODFW), Brian Zimmerman (CTUIR)	
<b>Time Allocation:</b>	Objective 1. Committee Participation Objective 2. Technical Review Objective 3. Presentation	100% 0% 0%
<b>ITEM 1:</b>	<b>Introductions</b>	
<b>ITEM 2:</b>	<b>Review Decision-tree Notes, Species Matrix, and Fishway Documents</b>	
	<p>The FSOC agreed in October 2011 that recommending a specific criterion (number) for juvenile passage is not appropriate, but developing a consistent process to follow is. Ken Loffink volunteered to take the lead on drafting the framework for a process.</p> <p>In January 2012, Ken provided a template for a decision-tree regarding juvenile jump criteria and also summarized the template for the FSOC members. Comments on the draft template were generally favorable; however, most recognized it as only the beginning of this process. The FSOC agreed to assign further development of the template to a subgroup.</p> <p>During the March 20, 2012 subgroup meeting, the group reviewed a revised template and discussed the original purpose for developing the process. It was reiterated that the focus of the effort is for tributary structures, not mainstem dams. Participants agreed to complete the following assignments:</p> <ul style="list-style-type: none"> <li>• Bryan Nordlund will compile his notes and thoughts on the draft decision-tree template.</li> <li>• Jody Brostrom will develop the framework for a species matrix and populate a few cells for examples.</li> <li>• Ken Loffink will provide Jody with a summary description of the types of fishways in use.</li> </ul> <p>Taking into consideration hydraulic and biological “filters”, participants will</p>	

	review and discuss the materials with a goal of developing an updated framework that can be submitted to the full committee on April 26.
<b>Discussion:</b>	<p>Participants continued to discuss a potential decision process that managers could use to identify appropriate upstream passage systems for juveniles (not limited to salmonids) and adult anadromous salmonids. During the last two meetings, participants have suggested that the lack of a specific process to identify priority species/life stages and subsequently appropriate fishways leads to indecisiveness, on the part of the managers, when meeting with agencies to discuss fishways for passage.</p> <p>During previous FSOC and FSOC subgroup meetings, participants emphasized that the first step in the process must be the identification of species and life history stages that are in need of upstream passage. This point was again emphasized as well as the need to characterize specific areas (i.e., rearing, migratory corridor, rearing for outmigration) in a basin, swim speed data, run timing, and behavioral passage traits.</p> <p>In past discussions, participants suggested that geomorphic constraints should also be taken into account. The group discussed the need to identify biological limiting factors that could be influencing presence/absence and behavior, as well as potential sources from which the information could be obtained. The NPCC's subbasin plans, which were developed collaboratively among state, federal, tribal entities, include a comprehensive list of limiting factors for subbasins throughout the Columbia River Basin. Subsequently, the participants agreed the subbasin plans would be a good source for identifying biological limiting factors.</p> <p>Participants reviewed Ken Loffink's "FSOC Fishway Description and Fish Use" matrix and "Fish Life Cycle and Temporal" matrices and suggested the following changes:</p> <p><u>FSOC Fishway Description and Fish Use</u></p> <ul style="list-style-type: none"> <li>• Reorganize the matrix so that the first column is dedicated to species or species groupings.</li> <li>• Fishways that are suitable for the identified species/groupings be listed accordingly</li> </ul> <p><u>Fish Life Cycle and Temporal</u></p> <ul style="list-style-type: none"> <li>• Add a column for biological limiting factors</li> </ul> <p>Subgroup members volunteered to take on the following assignments:</p> <ul style="list-style-type: none"> <li>• Ken will update the Fishway Description and Fish Use matrix to include culvert passage fishways. In addition, Ken will reorganize the matrix so that the first column is dedicated to species or groupings. Once having done that, it was recommended that the fishways that are suitable for the identified species/groupings be listed accordingly.</li> <li>• Brian will develop a step-down set of questions using the Fish Life Cycle and Temporal Matrices and "ODFW Jump Height Criteria Decision Process Tree" that Ken provided. It was also recommended that a limiting factors column should be added to the Fish Life Cycle</li> </ul>

	matrix.
<b>ITEM 3:</b>	<b>Progress Report for FSOC (April 26, 2012)</b>
<b>Discussion:</b>	Although a process has not been finalized, the subgroup will provide an update on their progress and potentially present the updated matrices as support material.
<b>ITEM 4:</b>	<b>Next Meeting</b>
	<p>FSOC Subgroup Teleconference Meeting  Wednesday, May 30, 2012  1:00 - 3:00 p.m. (Pacific)  @ CBFWA Office - Portland, Oregon</p> <p>Teleconference (503) 229-0449 Id: 390621</p> <p>WebEx has been arranged for this meeting:  Select: <a href="#">FSOC WebEx Logon</a>  Log in first: Enter your name and email address.  Meeting password: fsoc (lower case)  Click "Join Now"</p>