

W. Bill Booth
Chair
Idaho

James A. Yost
Idaho

Tom Karier
Washington

Dick Wallace
Washington



Bruce A. Measure
Vice-Chair
Montana

Rhonda Whiting
Montana

Melinda S. Eden
Oregon

Joan M. Dukes
Oregon

October 1, 2008

MEMORANDUM

TO: Council Members

FROM: Jim Ruff, Manager, Mainstem Passage and River Operations

SUBJECT: Overview of the 2008 Adult Fish Runs

At the October 16, 2008, Council meeting in Missoula, Montana, either Bill Tweit or Cindy LeFleur from the Washington Department of Fish and Wildlife will provide a review of the 2008 salmon and steelhead returns to the Columbia River, the results of non-Indian and treaty Indian fisheries, and compliance of the fisheries with Endangered Species Act guidelines.

Attached for your review are the slides that will be presented at the Council meeting.

Anadromous Fish Update

- ❑ Spring Season Wrap-up
- ❑ Summer Season Wrap-up
- ❑ Fall Season Preliminary
- ❑ Impact Rates

*Presented by:
Washington Department of Fish and Wildlife*

Spring Season Wrap-up

- ❑ Run Size – Spring Chinook
 - ❑ Preseason – 269,300 upriver fish
 - ❑ In-season – about 178,800 upriver fish
- ❑ Bonneville Dam passage (January through June 16)
 - ❑ 151,900 adults, late run, 50% complete on May 10
 - ❑ 22,400 jacks, highest since the 2000 passage of 24,400
- ❑ Fisheries
 - ❑ LCR recreational – 19,250 upriver Chinook kept
 - ❑ Commercial – 5,900 upriver Chinook kept
 - ❑ Treaty – 23,700 upriver Chinook kept (includes commercial, C & S and tributary harvest)



Summer Season Wrap-up: Summer Chinook

- ❑ Upper Columbia Summer Chinook Run Size
 - ❑ Preseason – 52,000
 - ❑ In-season – 54,000
- ❑ Priest Rapids Dam
 - ❑ Escapement goal 20,000
 - ❑ Actual escapement 39,300
- ❑ Fisheries
 - ❑ LCR recreational – 2,000 harvest
 - ❑ Commercial – 1,400 harvest
 - ❑ Treaty – 9,100 harvest



Summer Season Wrap-up: Sockeye

- ❑ Run Size
 - ❑ Preseason – 75,600
 - ❑ In-season – about 215,000
- ❑ Escapement
 - ❑ Priest Rapids Dam – 192,200 (Goal – 65,000)
 - ❑ Lower Granite Dam – 900
- ❑ Fisheries
 - ❑ LCR recreational – 450
 - ❑ Commercial – 300
 - ❑ Treaty – 9,000 harvest



Upriver Summer Steelhead

- ❑ Skamania stock (April through June)
 - ❑ Forecast: 10,400 fish (2,200 wild)
 - ❑ BONN passage: 15,800 fish (4,500 wild)
- ❑ Group A and Group B Index (July- October)
 - ❑ Preseason: Group A – 266,300 fish (69,400 wild)
Group B – 49,700 fish (8,500 wild)
 - ❑ In season: Group A – 246,700 fish (75,000 wild)
Group B – 90,000 fish (13,000 wild)



Fall Chinook Stocks

- Five major management stocks
 - LRH, LRW, BPH, MCB and URB stocks.

- The upriver run consists of Upriver Bright (URB), Bonneville Pool Hatchery (BPH) and Mid-Columbia Bright (MCB) stocks.



URB stock components

- ❑ URB fall Chinook
 - ❑ Hanford Reach
 - ❑ Comprises the majority of the URB return
 - ❑ Priest Rapids Hatchery
 - ❑ Deschutes and Yakima rivers
 - ❑ Snake River
 - ❑ ESA-listed Snake River Wild component



Bonneville Dam Viewing Window

Bright stock

Tule stock



1. 3. 2000

Fall Season Forecasts

- ❑ 376,700 total fall Chinook to Columbia River (219,600 in 2007)
- ❑ 74% destined for above Bonneville
 - ❑ URB forecast – 164,400 adults
 - ❑ Inseason estimate – 215,500 adults
 - ❑ BPH forecast – 86,200 adults
 - ❑ In season estimate – 96,000 adults



Fall Fisheries

- ❑ Bonneville passage (August through September)
 - ❑ 301,000 adult fall Chinook (10-yr ave 355,500)
 - ❑ 37,200 jacks (10-yr ave 41,500)
- ❑ Mainstem Fisheries
 - ❑ Recreational – 16,000 upriver Chinook
 - ❑ Commercial – 15,600 upriver Chinook
 - ❑ Treaty – 105,700 upriver Chinook



ESA Impact Rates: Non-Indians

- ❑ Upriver spring Chinook
 - ❑ 1.9% allowed – 2.1% inseason estimate
 - ❑ Reduced impact allowance compared to preseason (2%)
- ❑ Sockeye
 - ❑ 1% allowed – < 0.5% inseason estimate
- ❑ Upriver Summer Steelhead
 - ❑ 2% allowed – <1.7% estimate (fisheries on-going)
- ❑ Fall Chinook
 - ❑ 8.25% allowed preseason, 11.0% with inseason run upgrade. Estimate 10.75% for season



ESA Impact Rates: Treaty Indians

- ❑ Upriver spring Chinook
 - ❑ 9.1% allowed – 11.5% inseason estimate
 - ❑ Reduced impact allowance compared to preseason (10%)
- ❑ Sockeye
 - ❑ 7% allowed – 4% inseason estimate
- ❑ Upriver Summer Steelhead
 - ❑ 20% allowed (Group B)– 15% estimate (fisheries on-going)
- ❑ Fall Chinook
 - ❑ 23% allowed preseason, 27% with inseason run upgrade – estimate 20% for season

