

Forum on Conservation & Harvest Planning

JTWG UPDATE

APRIL 13, 2015

Today

- Two meetings: March 27th Goto Meeting and April 10th In-person Meeting
- Today's presentation: Discuss briefly the distribution of materials provided by DFO and consultants since the last Forum:
 - Run reconstruction
 - CWT mortality distribution tables
 - Juan de Fuca Sport Proposal
 - Fraser River Coho encounter memo
 - Marine coho DNA analysis
 - Sockeye Timing Information

Technical Update- Chinook

Chinook Run Reconstruction

- Data Updates
 - Added 14 new stocks and updated historical escapements
- Preliminary Results
 - Overall harvest rates declined by a small amount
 - Terminal Run Size: 2013 ~41k (38k), 2014 ~93k (48k)
- Expected Completion and Future Use
 - Preliminary results now expect further updates
 - Changes to Base Period in 2012 Mngt Letter?

Technical Update- Chinook

CWT Mortality Tables

- CTC Updates
 - Major changes in US and CA; impacts generated at a finer scale in tables
 - Better representation of catch at maturity (important for Fraser), incidental mortality and cwt recovery at a finer scale
- Preliminary Results
 - Spring 42: Base period exploitation rate ~33%, 2012 ~28%, 2013 and 2014 ~15%
- Expected Completion and Future Use
 - DFO review in a couple of weeks, JTWG distribution
 - Changes to Base Period in 2012 Mngt Letter?

Technical Update- Chinook

Juan de Fuca Sport Proposal

- Discussed the Model and Proposal
- The model has been distributed to the JTWG co-chairs for comment
- Current: Zone 1 ~ 1.9% , Zone 2 ~3.4%, 2015 proposal for blended Zone 1 and 2 ~2.8%
- Planning tool vs Assessment

Technical Update

2014 Fraser Coho Encounter Memo

- Detailed look at LFA Gillnet fisheries and some BCI fisheries where additional information on encounter rates was available
- JTWG recommended some changes to the memo for clarity
- LFA rec and beach seine fisheries were not in the memo
- All IFC impacts are included in the Coho Discussion Document
- More discussion on catch and release estimates will be considered during the Fraser Decay model CSAS review in the Fall

Technical Update- Coho

2014 Coho DNA Analysis Memo

- ~5500 samples collected and ~3800 analyzed
- Independent estimate total IFC mortalities in marine area
- Of the ~110k unmarked coho ~1.4k were estimated to be IFC
- Results: Marine Planning Tool- 6.04%, DNA- 5.56%
- Risk and level of fishery impact was considered a driver for sampling

Technical Update- Coho

2014 Coho DNA Analysis Memo

- Some concern about releases in the recreational fisheries being fisher reported
- Sampling rates varied and were low in many cases
- In many cases the number of samples taken in a particular strata were low enough that detection was a concern
- The JTWG made some recommendations to improve the analysis and changes have been made
- Likely two additional years of similar work expected in future

Technical Update- Sockeye

Timing window considerations

In-season information requirements

Thank you!