

May 2013 Forum on Conservation & Harvest Planning

# FRAFS JTWG UPDATE

MAY 8, 2013



# Today's Update

- Sockeye
  - Pre-season planning
- Interior Fraser Coho
  - IFMP Draft #2 addition
- Chinook
  - Albion in-season updates
  - Nicola CWT info update
  - Spring/Summer 52 Alternative modeling
  - Marine DNA Sampling

# Sockeye

- Pre-season planning
- Coarse model assessments have been completed
- Main points to consider from model runs
  - Pre-season Planning: constraints on Early Summers and Lates
    - P50 forecast model runs: FSC and limited commercial opportunities
    - P25 forecast model runs: fisheries constrained due to E Summs and Lates
    - Fisheries may need to be shaped to avoid constraints

# Sockeye

Model runs conducted to highlight potential constraints:

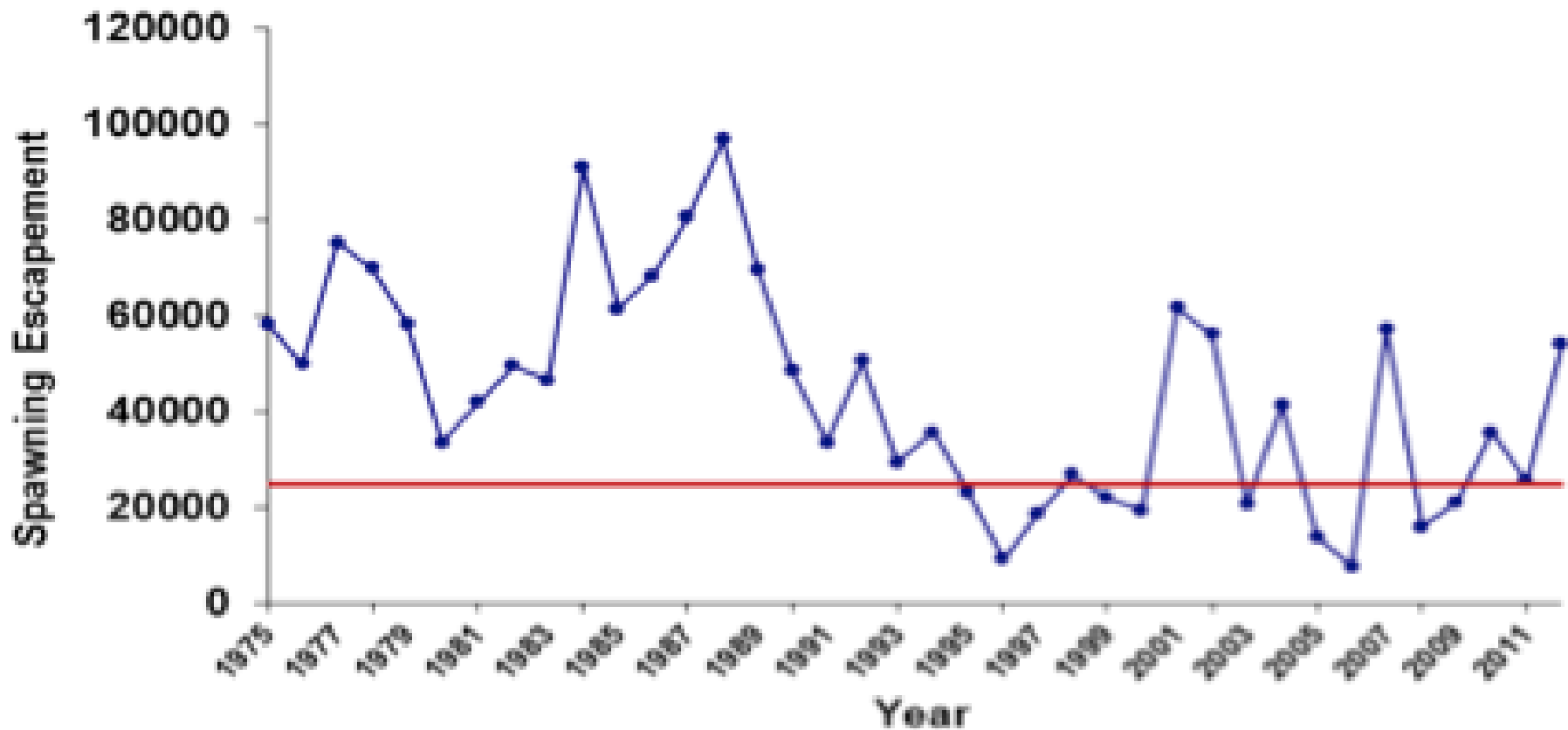
- Early Stuart modeled at 108,000 lower reference point
- Summers modeled at 1.2M and 640K lower reference points
- Discussed:
  - Early Stuart potential sharing
  - Sharing potential related to E Summ and Late constraints
  - Dependent on updated in-season information...

# Interior Fraser Coho

- Recognition of significant addition to Draft #2 IFMP for IFC
- IFMP proposed increase to 3-4% Cdn exploitation
  - Rationale discussed: 3 consecutive years escapement above 20K – 25K (2010-2012)
  - Meets Recovery Objective 1 from Coho recovery plan (2006)

# IFC Escapements

## Escapement- Interior Fraser River Coho



# Chinook

- Albion Chinook Test Fishery
  - Started April 21<sup>st</sup>
  - Thus far: 1 chinook caught (May 5)
  - Weekly in-season updates provided beginning May 21<sup>st</sup>
  - Final in-season update by June 17<sup>th</sup>
  - JTWG participants will have info/update package to replicate in-season assessments

# Chinook

- Nicola Coded Wire Tag (CWT) Total Mortality Distribution Table: Updates for some years
- Background:
  - Indicator for Fraser Spring 42 chinook
  - CWT table: key info for management discussions (but not the only info): brood year escapements are also considered
  - Updates to some years results including Terminal Commercial and Terminal Native Net: Haven't completed the discussions yet
  - Will meet in mid-late June to discuss method for changes



# Chinook

- Nicola Coded Wire Tag (CWT) Total Mortality Distribution Table: Updates for some years
  - Karl English has been working to replicate the table updates: requires more info to continue...key DFO personnel not avail until beginning June
  - Intent is to see about applying the update method to Dome CWT info (Spring 52)
  - Will be discussed mid June: delay analysis to look at application to Spring 52s: alternative model discussions...

# Chinook

- Nicola CWT Total Mortality Table
  - 2012 results not completed yet: JTWG not able to discuss until mid-Late June
  - However, 2012 table will be distributed as soon as available
- 2012 CWT results may be informative for Summer 41 planning
- Area F DNA: samples taken: will likely have funding to process the samples
  - Data requested to be provided to JTWG: may supplement work completed by Rishi Sharma (early assessment system)

Thank you

Questions?

