



January 2013 Forum on Conservation & Harvest Planning

FRAFS JTWG UPDATE

JANUARY 23, 2013

Today's Update

- TOR Update
- 2012 Discussion Issues
- 2012-2013 Strategic Work Priorities



JTWG Terms of Reference

- Updated August 2012
- Purpose:
 1. Review on a species and/or stock specific basis data, assumptions, and theories that were used or will be used to assess existing or proposed fishery plans and management decisions
 2. Provide the assessment of the plans and management actions as they relate to DFO and First Nations objectives



TOR: JTWG Purpose

- Both the human and financial resources are limited for First Nations' technical staff
- Often, the limits of time and capacity do not permit a complete or thorough examination of all the technical aspects of the more complicated technical and management issues
- Therefore, the Joint Technical Working Group can support the exchange and initial discussion of information, but cannot fulfill requirements for deep and meaningful understanding on all issues

TOR: Structure and Process

- The JTWG receives guidance from the FRAFS Executive Committee
- The JTWG is a multilateral working group made up of DFO and First Nation participants with a technical focus





2012 Discussions

- January
 - South Coast Chum Management Review
 - Review Sport Fishery DNA information
 - DNA Backgrounder
 - CWT Updates
 - Albion Model
 - Fishshape Model



2012 Discussions

- February
 - FRSSI Model
 - Fraser 52 Chinook Management Zones
 - Utility of Scale Sample Data Collected in NBC fisheries
 - Fishshape Model
- March
 - DFO Estimates of Chinook of Recent Chinook Impacts

2012 Discussions

- April
 - Fraser Sockeye TAM Curves and TAC Calculations
 - 2011 CWT Mortality Distribution and Methods
 - DFO Spring and Summer Zone 1 Impact Assessment Model
 - Draft IFMP Review



2012 Discussions

- May
 - Aligning Stocks Within Management Groups
 - Introduction to the Albion In-season Model
 - Chinook In-river Fishery Planning Model (2010 data)
 - Alternate Chinook In-River Impact Model (MStaley)

2012 Discussions

- June
 - DFO Chinook Impact Assessment Models
 - Alternate Model Approach



2012 Key Outcomes

- Better understanding of technical/management issues
- Inclusion of chum discussion/issues
- Working Jointly and recommending alternatives
- Ability to run the DFO Albion model
 - Weekly updates from Albion



2012 Key Outcomes

- Annual Process to review CWT on a timely basis
- Capability to Produce In-season Albion Estimates and a Review Process
- Production/Input of Technical Documents for Distribution
 - 2009-2010 Rec DNA Analysis
 - DNA Backgrounder
 - Spring and Summer 52 Zone Analysis
 - Management Tool for Pre-season Planning Using Northern Troll Fishery Data
- Fishshape Tool
- Better Understanding of Key Management Models and DFO tools used to Manage Fisheries

2013 Priorities

- Priorities with flexibility...
- CWT analysis discussions
 - continues to be a key piece of the post-season analysis and pre-season discussions for Fraser Chinook
- Albion Chinook Test Fishery
- Albion In-season Estimates (Zoned Management Approach)
 - Possible changes to reference points
- Run-Reconstruction
 - Model Updates, set up a process similar to CWT and Albion



2013 Priorities

- Review NBC Paper
- Fraser Spring/Summer Chinook impact accounting/estimation
- Cohen Commission Report
 - Key information resource

