



# Draft IFMP – Key Changes - Chinook Management Measures -

First Nations Forum: March 27-29, 2018

Kamloops



## Outline:

Objective: Follow-up on questions related to key proposed changes to fishery management actions outlined in the draft salmon IFMP

1. Fraser Chinook
2. Southern Resident Killer Whale Update
3. Southern BC coho



# BC Chinook – Conservation Measures

To address conservation concerns for the 2018 season, DFO is proposing a precautionary reduction in exploitation rates (in the range of 25% to 35%) for specific chinook stocks of concern to align exploitation rates with current stock productivity, support conservation and promote rebuilding.

- Conservation concerns for many (not all) chinook populations:
- Specific chinook stocks of conservation concern include:
  - Fraser River chinook populations (including Spring 4<sub>2</sub>, Spring 5<sub>2</sub>, Summer 5<sub>2</sub>, Summer 4<sub>1</sub> and Fall 4<sub>1</sub>) in Southern BC; and
  - Nass River, Skeena River and many small wild chinook pop'ns in Northern BC,



# Management Considerations

- Input will be sought from First Nations and stakeholders on how to design specific fishery management measures to achieve the required reductions.
- Actual reductions in specific fisheries will depend on relative impacts on stocks of concern and allocation priorities.
- Proposed measures will need to consider:
  - achievement of fishery reductions for identified chinook stocks of concern to greatest extent possible.
  - consideration of differential impacts on chinook stocks in different fisheries and areas due to stock composition;
  - design of fishery measures that foster compliance and support effective implementation.
  - existing fishery measures for stocks of concern;
  - In cases where fisheries have direct and significant effect on stocks of concern, more significant fishery-specific reductions may be required.



# Fraser Chinook Management

## Fraser Spring 4<sub>2</sub>, Spring 5<sub>2</sub> and Summer 5<sub>2</sub>

- Fishery reductions implemented in previous years expected to remain in place
- However, management actions to date have not rebuilt populations; additional fishery management actions proposed to rebuild stocks.
- Fraser River Chinook '5 year' Review *in progress*; results will not be available to inform discussion on the draft IFMP

**Given poor prospects for Spring and Summer 5<sub>2</sub> chinook and the proposed reductions for the 2018 season, the Department is proposing that a zone 1 management approach remain in place for the season. Do you support his approach?**

## Summer 4<sub>1</sub> chinook (South Thompson)

- Concerns due to declines in fecundity and spawner abundance; 2018 outlook is low; proposed additional actions to reduce exploitation rates

## Fall 4<sub>1</sub> chinook (Harrison)

- Spawner abundance below lower end of PST escapement goal range (75.1K to 98.5K) in 5 of last 6 years.
- Proposed additional fishery management actions to increase terminal returns



# Chinook Fishery Measures

With respect to 2018 fishery planning, the Department will be consulting on additional fishery measures to address conservation concerns for specified chinook populations.

Separate documents to support discussions include:

1. Science response summarizing data on conservation concerns
2. Technical information to support fishery planning

Input will be sought from First Nations and stakeholders on how to design specific fishery management measures to achieve the required reductions.

- Is there additional technical information required to support discussions?
- Do you have suggestions on potential chinook management actions that should be considered?



# Southern Resident Killer Whale Discussion Document Feedback

The Department is in the process of summarizing the highlights of the feedback (i.e. what we heard) received on the discussion document.

Feedback will be reviewed with First Nations groups/organizations and official advisory bodies as part of the process to develop salmon Integrated Fisheries Management Plans.

Department also forming a working group with First Nations and advisory body representatives for further discussion on feedback received.

- Terms of reference not defined;
- opportunity for First Nations and stakeholders to discuss feedback received and share perspectives on areas where the Department should consider revising the proposed approach and consider future planning.

## Discussion:

- Can First Nations identify participants for the committee? (Suggestion for 6 FN participants: 2 each from WCVI, South Coast/ECVI, and Fraser)



# Southern BC Coho

- Survival rates remain variable and are well below historic highs in most areas; still in *low productivity regime* requiring lower exploitation rates.
- Interior Fraser Coho are key constraint on management of Southern BC fisheries; proposed continuation of precautionary management approach similar to pre-2014 for southern BC fisheries.
- *The objective for Interior Fraser River coho (including Thompson River coho) is to manage Canadian fisheries in a highly precautionary manner with fisheries management measures similar to those in place prior to 2014. This approach is expected to achieve an overall exploitation rate in Canadian waters within the 3 – 5 % range.*

## Questions to Consider:

- Do you support the proposed management approach (i.e. same as 2017)?
- Are there any modifications you would suggest to current management actions?





# Additional Background Materials



# 2018 IFMP Timelines:

Activity	2017/2018 Proposed Timeline
DFO letter identifying potential changes under consideration for 2018/2019 IFMPs to inform subsequent IFMP planning meetings.	First week of January, 2018
Deadline for written submissions from First Nations and advisory groups on issues identified by the Department. Proposals for demonstration fisheries and any additional discussion items for the 2017/2018 Salmon IFMPs are also requested.	<b>February 5, 2018</b>
<p>Integrated Harvest Planning Committee Meetings to review and discuss potential changes to IFMPs and opportunity for focussed discussion on key IFMP issues.</p> <p>Additional meetings with First Nations organizations and advisory groups are also identified in the attached calendar.</p>	<p>Northern - Prince Rupert (February 7, 2018)</p> <p>Southern IHPC – Vancouver (February 8, 2018) meetings</p>
Release draft IFMPs for public review & comment	<b>Last week February</b>
IHPC meetings to review draft IFMP	<p>Northern IHPC – Prince Rupert (March 7, 2018); and,</p> <p>Southern IHPC – Vancouver (March 8, 2018)</p>
Deadline to submit comments on draft IFMP (30 day public comment period).	<b>April 6, 2018</b>
Final IHPC Meeting – Opportunity for final discussion on IFMP feedback.	April 25-26, 2018 Vancouver
Target for public release of 2018/19 salmon IFMP	<b>10</b> June 2018



# 2018 CSAF Proposals

Year	Salmon Coordinating Committee	Commercial Salmon Advisory Board
	<b><u>Northern B.C.</u></b>	<b><u>Northern B.C.</u></b>
2016	Central Coast hatchery chum (Heiltsuk/Kitasoo)	Central Coast coho (Area F)
2017	Central Coast chum (Nuxalk)	
<b>2018</b>	<b>Central Coast chinook (Nuxalk)</b>	
2016	Nass River sockeye (2 proposals from Nisga'a Lisims Government and Gitanyow)	
2016	Skeena sockeye - Area 4 (NCSFNSS)	
<b>2018</b>	<b>Skeena pink – Area 3 / 4 (NCSFNSS)</b>	<b>Area 5 coastal sockeye fishery (Area C)</b>
2017	Haida chinook mosquito fleet	
<b>2018</b>	<b>Coho bycatch within existing Pink ESSR (Wet'suwet'en)</b>	<b>Haida Gwaii chum -1,2E, and 2W (Area C)</b>
	<b><u>Southern B.C.</u></b>	<b><u>Southern B.C.</u></b>
2016	Cowichan chum (Cowichan Tribes)	Fraser River sockeye, pink, chum - alternate gear (Area E)
2017	Goldstream chum (Saanich Tribes)	Quilicum/Puntledge (chum Area D)
2017		Area 12 – 9 Encounter study (Area D)
2017		Mainland/Inlet pink and chum (Area H)
<b>2018</b>	<b>Bute Inlet chum (Homalco)</b>	<b>Bute Inlet, Cape Lazo, Area 14,17,18 and Broughton Archipelago Pink and Chum (Area H)</b>
<b>2018</b>		<b>Bute Inlet chum (Area D)</b>