



2021 Yukon River Mainstem Chum Salmon Preliminary Canadian Management Strategies

Presented to:

Yukon River Panel

Agenda Item #9.c.

Fisheries and Oceans Canada
Yukon River Treaties and Fisheries
Jesse Trerice, Fishery Manager

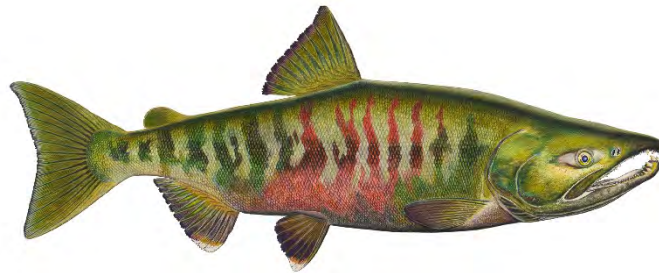
April 13, 2021



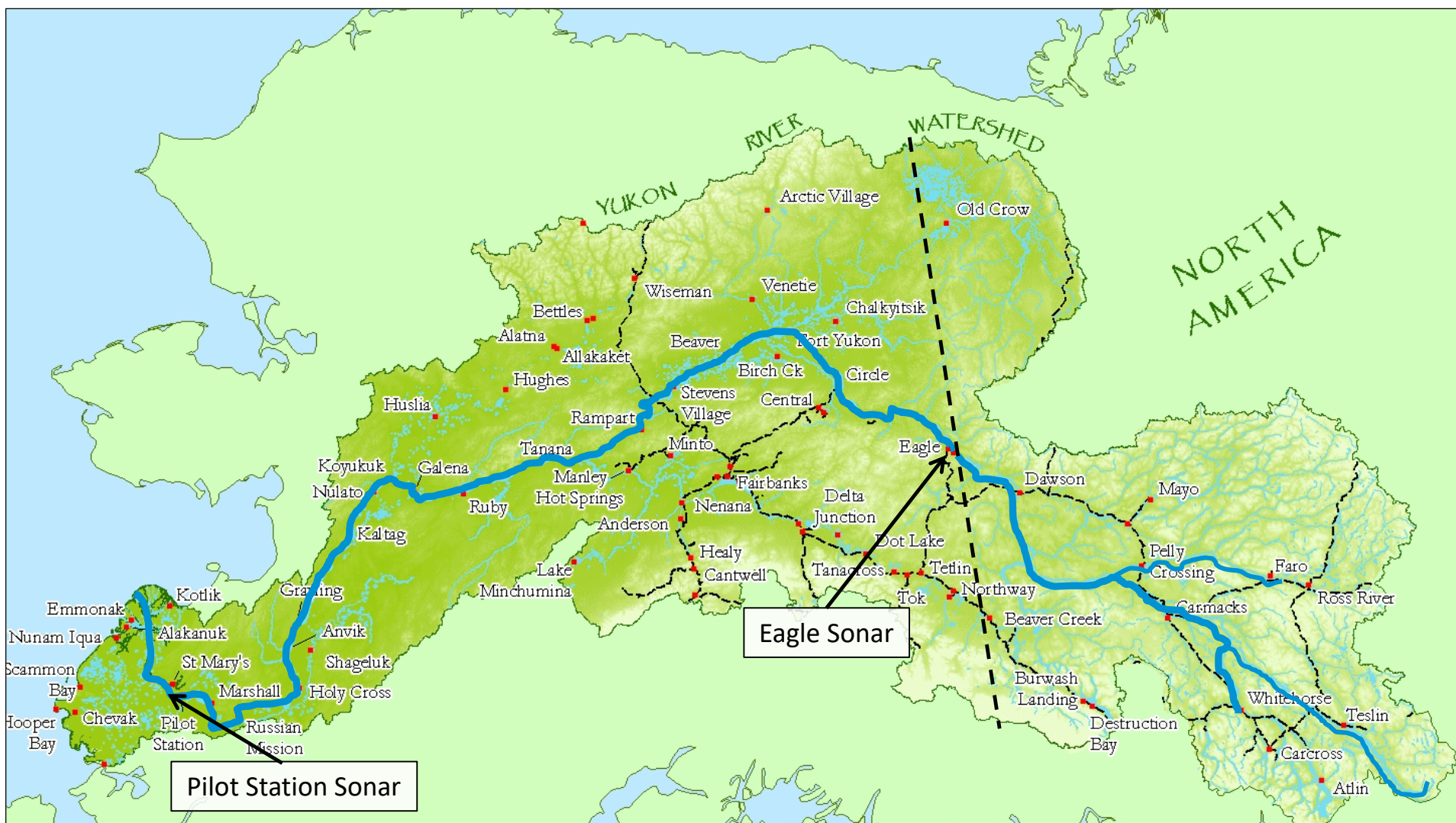
2021 Canadian-Origin Chum Salmon Yukon River Mainstem

Presentation Outline

1. ORIENTATION (MAP)
2. RUN OUTLOOK
3. PROCESS and CONSIDERATIONS
4. ANTICIPATED FISHERY ALLOCATIONS



Yukon River Mainstem Chum Salmon Assessment Sites



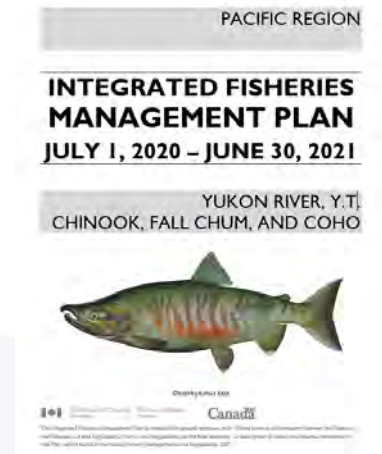
2021 Chum Salmon Preliminary Outlook and Harvest Shares: Yukon River Mainstem as per the *YRSA

Category	Value/Estimate
Canadian-Origin Outlook	136,000 to 191,000
Interim Management Escapement Goal (IMEG)	70,000 to 104,000
Total Allowable Catch (TAC) (136,000 – 104,000) to (191,000 – 70,000) (Lower outlook – Upper IMEG) to (Upper outlook – Lower IMEG)	32,000 to 121,000
Canadian Harvest Share /Allowable Catch (32% x 32,000) to ((32% x 120,000) + (50% x 1,000)) (29% to 35% of TAC less than 120,000) <u>plus</u> (50% of TAC greater than 120,000)	10,200 to 38,900

* Yukon River Salmon Agreement is Chapter 8 of the *Pacific Salmon Treaty* ; Harvest Sharing provisions are identified in Appendix I to the YRSA.

2021 Canadian-Origin Chum Salmon: Annual Management Planning Process

- Pre-season planning involves international and domestic obligations.
- Engagement with Yukon First Nation Governments, Stakeholders and Public.
- Yukon Salmon Sub-Committee management recommendation(s).
- Develop strategies and implement Yukon River Salmon Integrated Fisheries Management Plan



2021 Canadian-Origin Chinook Salmon: Canadian Priority of Allocation

1. Conservation / Spawning Escapement
2. First Nation / FSC Fishery Harvest
3. Other* {
 - Licensed Public Angling Harvest
 - Commercial Fishery Harvest
 - Domestic Fishery Harvest

**Allocation (harvest opportunity) provided to "other" fisheries only if full First Nation Fishery allocation available / provided.*

2021 Mainstem Yukon River Canadian-Origin Chum Salmon: Outlook and Canadian Fishery Harvest Share

Preliminary* Pre-season Outlook: 136,000 to 191,000	
Canadian Allowable Catch 10,200 to 38,900	
First Nation	Full Allocation
Licensed Public Angling	Allocation varies with run size
Commercial / Domestic	Allocation varies with run size

2021 Canadian-Origin Chum Salmon: Canadian Management Approach

Considerations:

- Preliminary forecasts will be revised in-season based on summer chum abundance estimate and the summer / fall chum relationship.
- In-season management based on estimated in-season run abundance (at Pilot Station and (later) Eagle sonar sites).
- Specific measures will be based on Yukon River Panel recommendations and domestic (Canadian) consultations.

Questions or Comments

