



# 2022 Canadian Yukon River Chinook Salmon Management Outlook

Presented to:

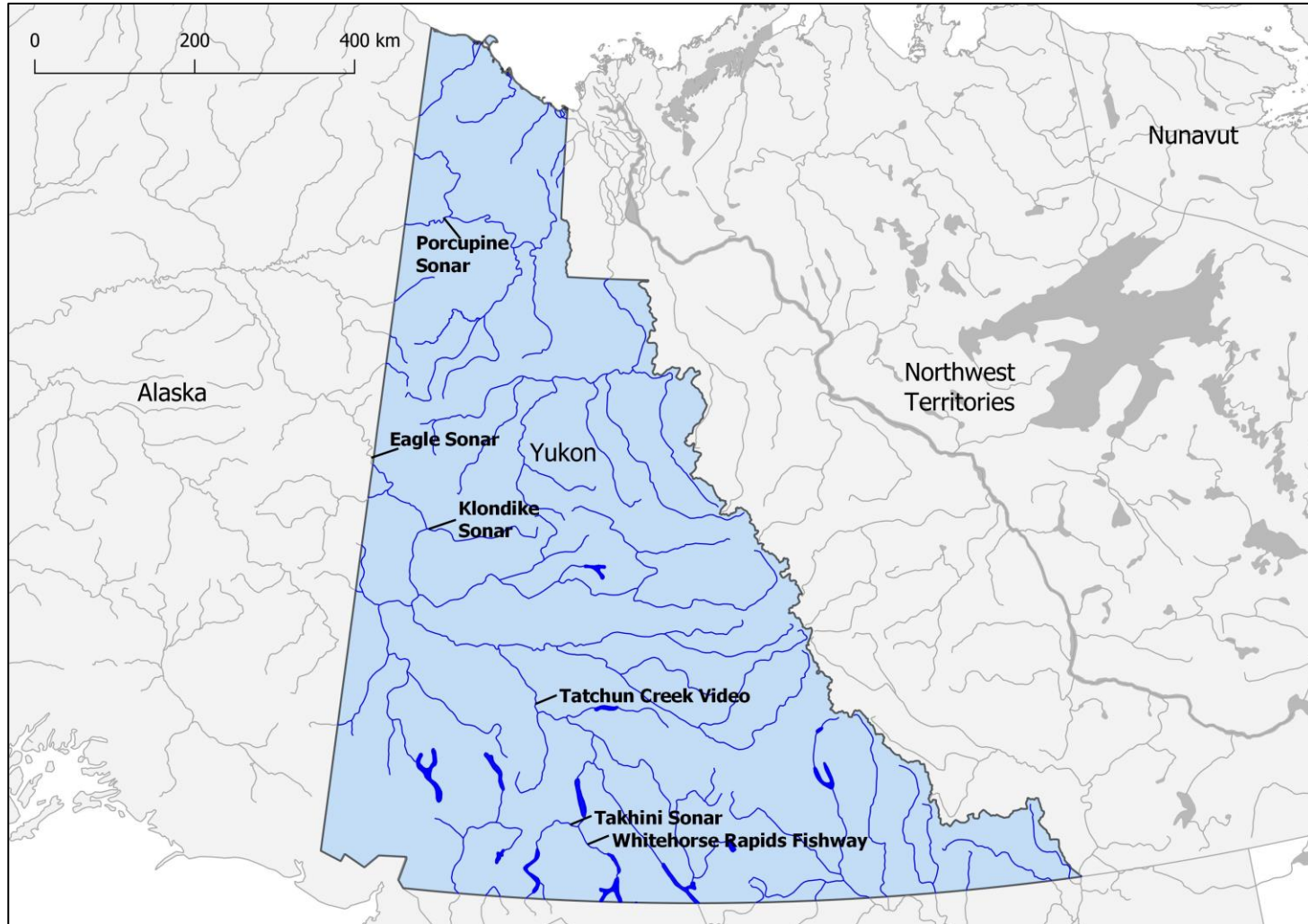
Yukon River Panel

April 6, 2022



Yukon Archives/Canada B. Todd Collection

# 2022 Anticipated Canadian Chinook Assessment Sites



# 2022 Mainstem Chinook Salmon Outlook and Harvest Shares: as per YRSA\*

Category	Value/Estimate
Total Yukon River Drainage U.S. and Canadian-origin Outlooks	99,000 to 150,000
Canadian-origin Outlook (80% credible interval)	41,000 to 62,000
Interim Management Escapement Goal (IMEG)	42,500 to 55,000
Total Allowable Catch (TAC): U.S. and Canada	0 to 19,500
U.S. Harvest Share / Allowable Catch (77%)	0 to 15,000
Canadian Harvest Share / Allowable Catch (23%)	0 to 4,500

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

# 2022 Canadian-Origin Chinook Salmon: Canadian (Domestic) 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.*

# 2022 Canadian-Origin Chinook 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 recommendations.
- Develop strategies and implement Integrated Fisheries Management Plan.



PACIFIC REGION

**INTEGRATED FISHERIES  
MANAGEMENT PLAN**  
JULY 1, 2020 – JUNE 30, 2021

YUKON RIVER, Y.T.  
CHINOOK, FALL CHUM, AND COHO



*Oncorhynchus tshawytscha*

 Fisheries and Oceans Canada / Pêches et Océans Canada

 Canada

This Integrated Fisheries Management Plan is intended for general purposes only. Where there is a discrepancy between the Plan and the Fisheries Act and Regulations, the Act and Regulations are the final authority. A description of Areas and Subareas referenced in this Plan can be found in the Pacific Fishery Management Area Regulations, 2007.

# 2022 Canadian-Origin Chinook Salmon: Anticipated Management Strategy

- Rely on in-season estimates from Pilot sonar for the majority of Canadian fishing season.
- Mid-point of Pilot sonar passage used for first in-season estimate of 2022 abundance.
- Specific management measures will be based on Yukon River Panel recommendations and Canadian consultations.

# 2022 Canadian-Origin Chinook Salmon: Anticipated Fishery Opportunities

- Probable Canadian harvest share will be less than 4,500.
  - Recent performance of in-season estimates.
  - “Missing” fish between Pilot and Eagle.
  - Lower end of IMEG not met in 2019-2021.
- Very limited (if any) First Nation Allocation.
- Closure of Commercial, Domestic and Public Angling Fisheries.

# Comments/Questions?

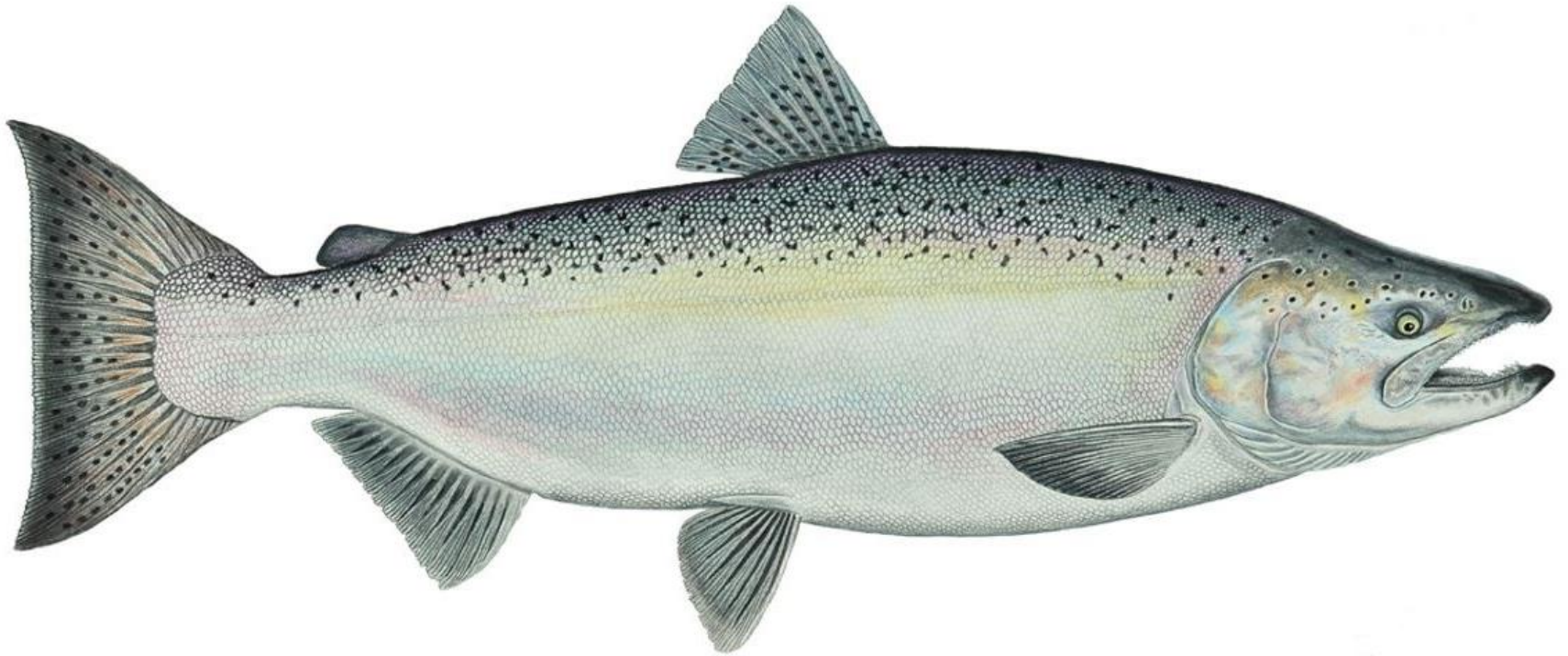


Illustration: Dr. Paul Vecsei