



Canadian Yukon River Chinook Salmon 2018 Management Outlook

Presented to:
Yukon River Panel
Anchorage, Alaska

Fisheries and Oceans
Canada

April 17, 2018





Canadian Salmon Management Process

Domestic prioritization

1. Conservation / Escapement
2. First Nation Subsistence Harvest
3. Recreational / Sport Harvest
4. Domestic Harvest
5. Commercial Harvest

Canadian Salmon Management Process



- Pre-season planning involves international (Yukon River Salmon Agreement) and domestic engagement.
- Domestic engagement with Yukon First Nations, Fishery Stakeholders and Public.
- Develop and implement management strategies (Canadian Integrated Fishery Management Plan).
- Post-season review.



Canadian Salmon Management Process

Yukon Salmon Sub-Committee

- Is the primary instrument of salmon management in the Yukon.
- Provides annual recommendations on management of Yukon River salmon and allocation.
- Engages in First Nation and public consultation processes to develop allocation and management recommendations.

Canadian Salmon Management Process

Yukon First Nation Governments (11)

- Develop local management strategies for subsistence harvest of salmon.
- Implement in-season management measures to reduce harvest (if required) and meet conservation targets .
- Monitor local fisheries, report on harvest, participate in coordinated compliance and enforcement.
- Engage directly in development of annual Canadian salmon management plan through YSSC and DFO.

2018 Potential Allowable Catch of Canadian-origin Chinook Salmon (YRSA)

(Based on 2018 YRP Joint Technical Committee Forecast of 71,000 - 103,000)

	from	to
Total Allowable Catch (US and Canada)	16,000	60,500
Canadian Allowable Catch (23% Harvest Share)	3,700	13,900
US Allowable Catch (77% Harvest Share)	12,300	46,600

Escapement Goal (IMEG) 42,500 – 55,000

Chinook Salmon Canadian Harvest Share & Corresponding Potential Fishery Allocations (Based on 2018 Pre-Season Outlook Range)

Outlook (Run size)	Potential Canadian Harvest Share *	Canadian Fisheries			
		First Nation	Recreational	Commercial	Domestic
71,000	5,100	5,100	Non-retention	Closed	Closed
87,000	8,800	8,000	Retention Considered	Closed	Closed
103,000	12,500	8,000	Retention Permitted	Opening Considered	Opening Considered

*Assumes a spawning target of 48,750 (the Canadian Management Target) and a 23% (mid-point) of the Canadian harvest share range.

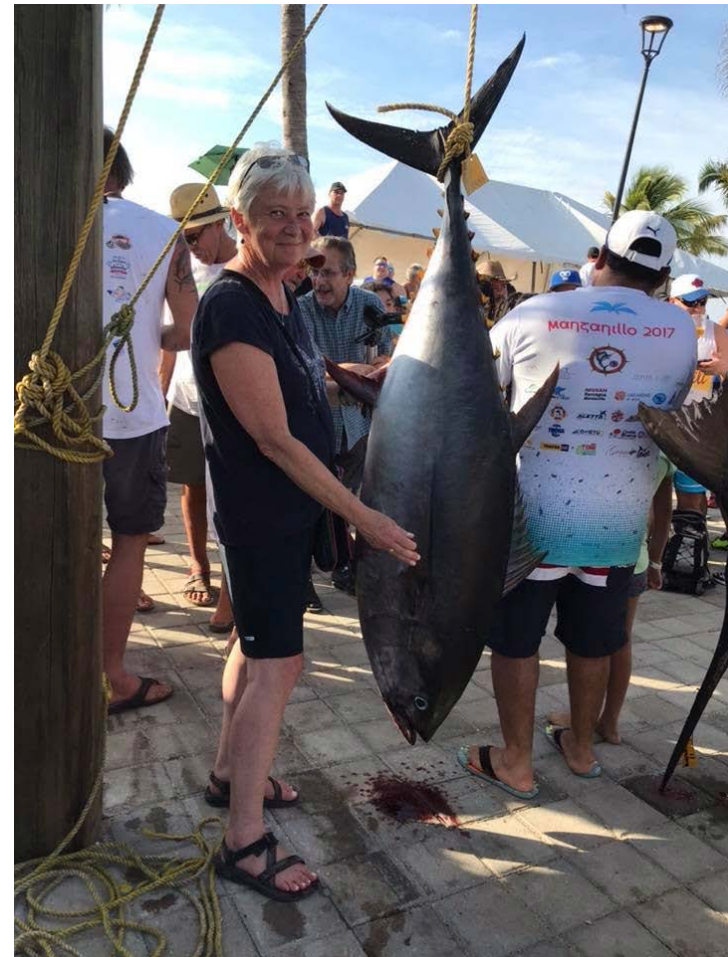
Summary of 2017 Canadian Fishery Management Approach

- Spawning escapement of 42,500-55,000 in agreement with the Yukon River Panel objective.
- Target escapement of 48,750 (mid-point of range) to account for uncertainty in in-season forecasts.
- Quality of escapement considered in decision making (sex ratio).
- Conservative harvest opportunity early in the season (First Nation fishery only) until in-season estimates can be determined.
- Use of smaller mesh gillnets and release of females where possible.

Comments/Questions?



Hasta Luego!



What I will be doing for the next Yukon Panel meeting!