Chinook Salmon Management Challenges in the Yukon River

> Alaska Chinook Salmon Symposium October 22-23, 2012 Anchorage, Alaska

John Linderman AYK Regional Supervisor Division of Commercial Fisheries





Tour Sele

Yukon River Watershed The United States and Canada Yukon River Joint Technical Committe Descionants Two



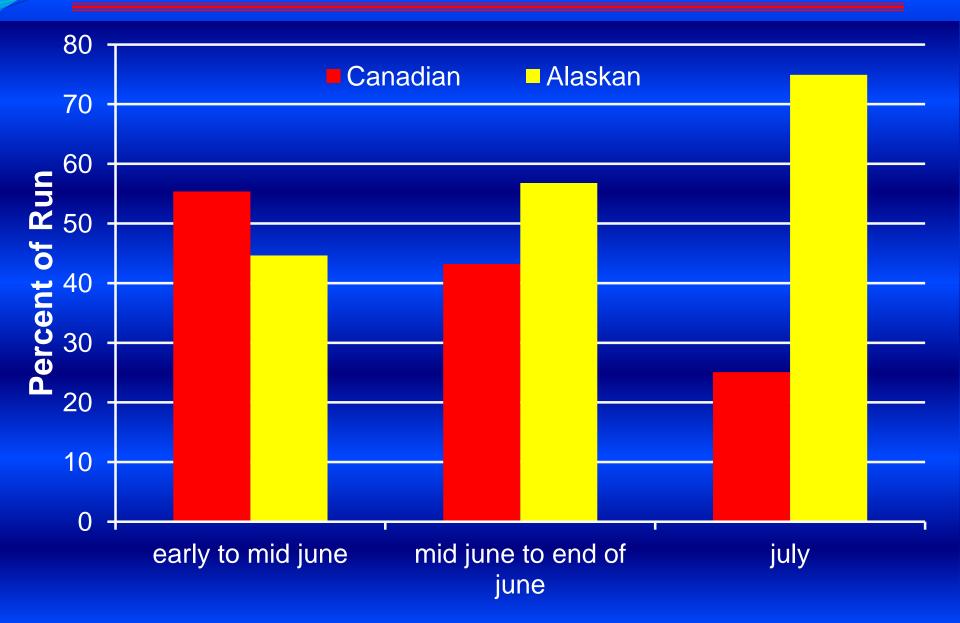
Canadian

Sauch R.

Alaskan/U.S.

Trends observed since 2005

3





Tentifort Sele

Yukon River Watershed The United States and Canada Yukon River Joint Technical Committee

Sauch R.

Canadian

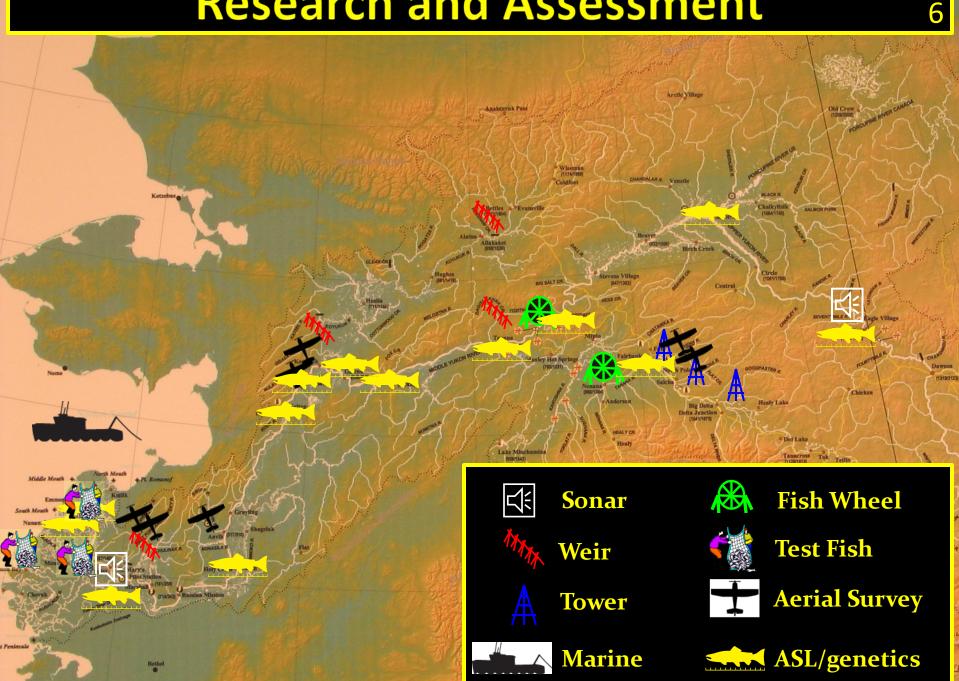


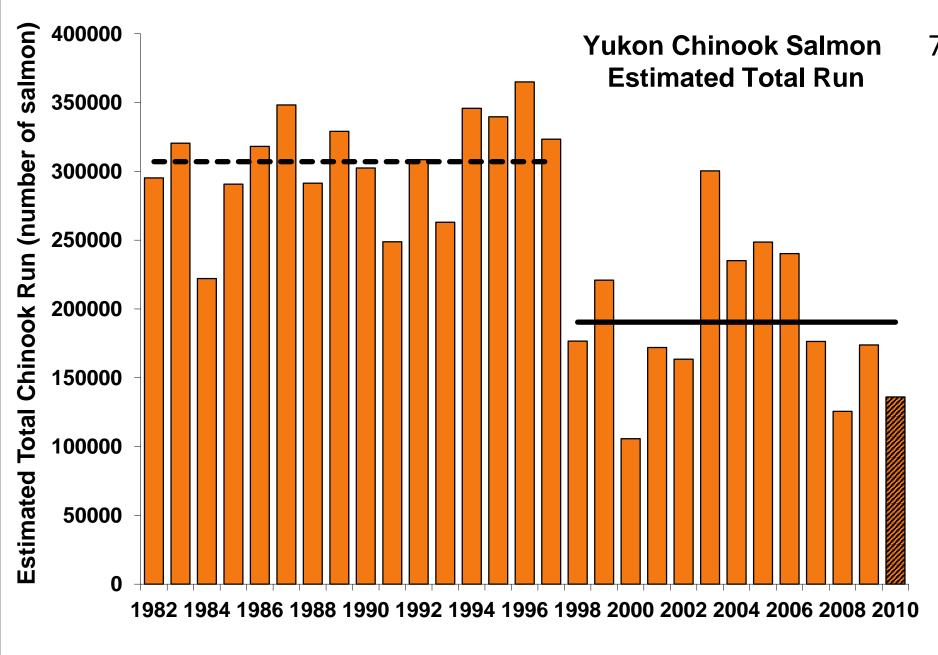
Alaskan/U.S.

Goals of Yukon Chinook Management

- 1. Ensure escapements are adequate to sustain future runs and provide for harvest through sustained yield principle.
- 2. Endeavor to meet escapement and harvest sharing objectives under agreement between U.S. and Canada.
- 3. Provide for subsistence harvest as priority use consistent with sustained yield principle.
- 4. Provide for healthy and sustainable commercial and recreational fisheries on surplus fish in excess of escapement and subsistence needs.

Research and Assessment

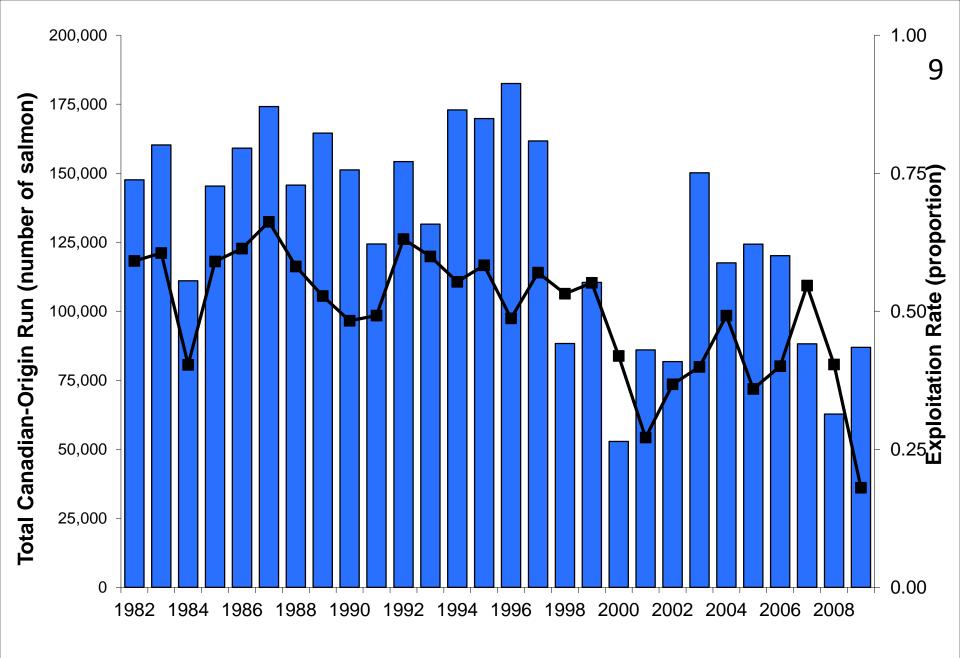




--Historical Average (1982-1997)

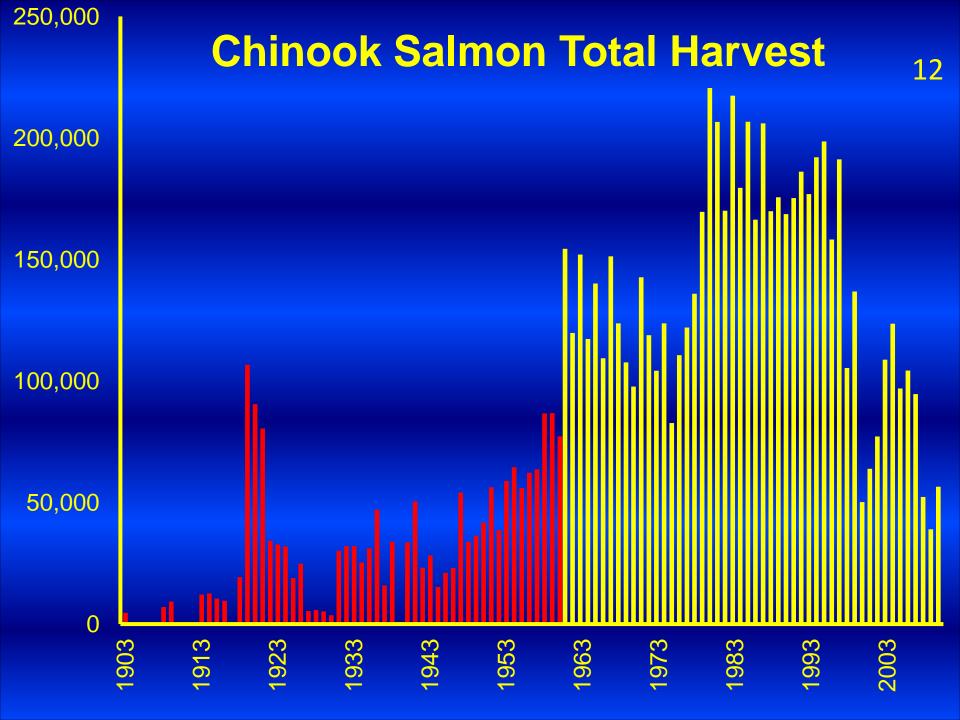
-Contemporary Average (1998-2010)

• Reduce exploitation



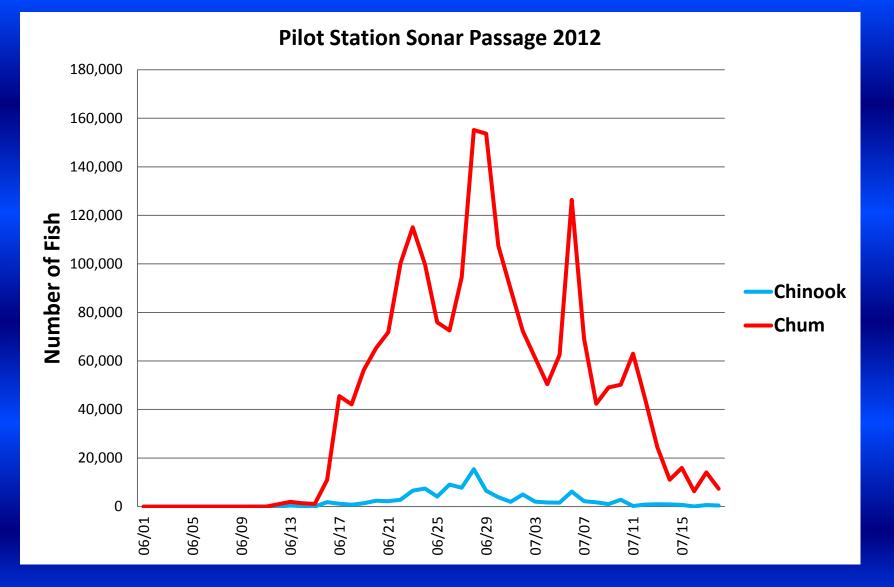
- Reduce exploitation
 - Cost to Users

- Reduce exploitation
 - Cost to Users
- Data Limitations
 - Accuracy & Precision
 - Time Series



- Reduce exploitation
 - Cost to Users
- Data Limitations
 - Accuracy & Precision
 - Time Series
- Conservation and Other Fisheries
 Chinook & Summer Chum

Chinook and Chum Overlap



14

- Reduce exploitation
 - Cost to Users
- Data Limitations
 - Accuracy & Precision
 - Time Series
- Conservation and Other Fisheries
 - Chinook & Summer Chum
 - Focused Management, Gear Type

Questions?

