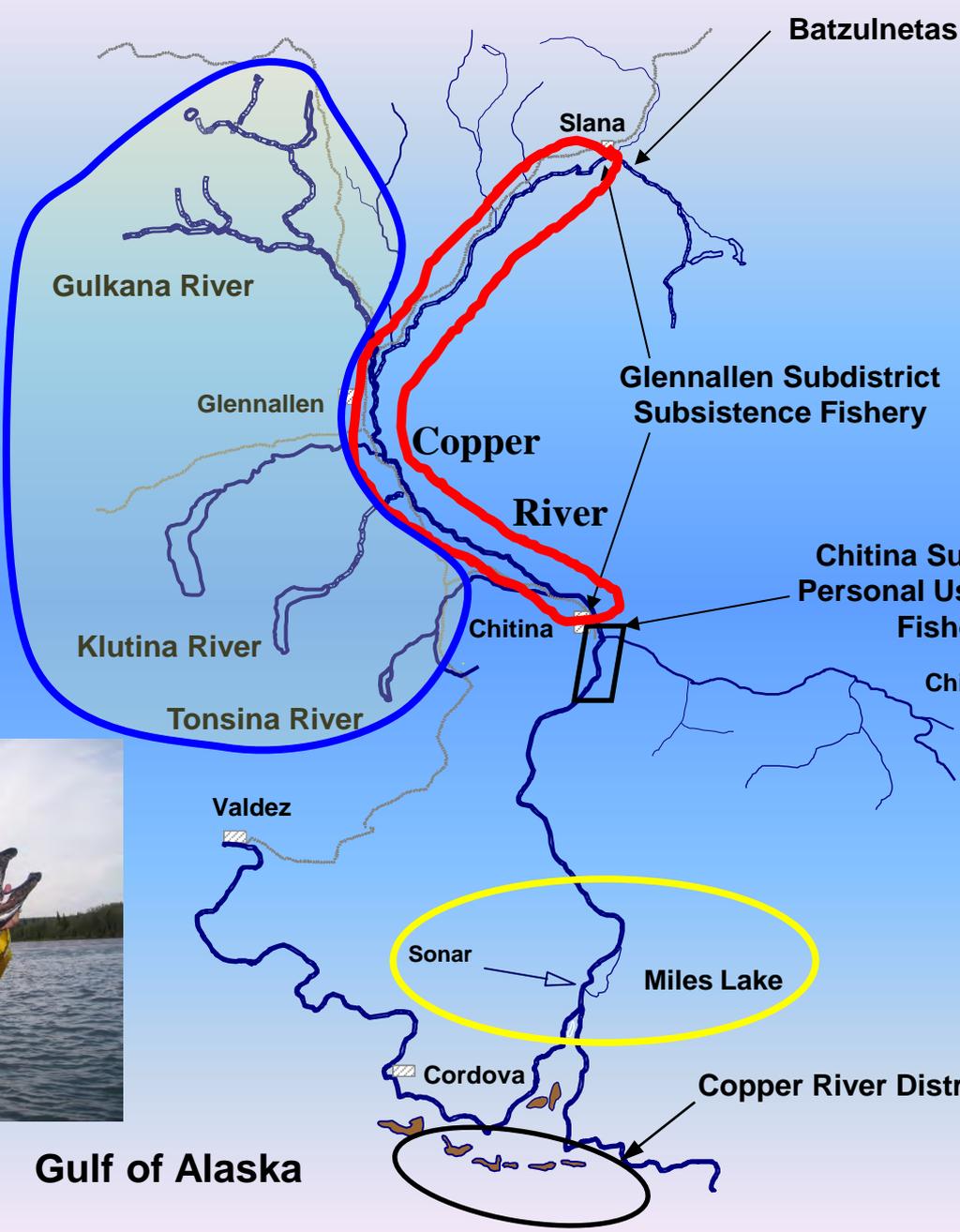


Management of the Chitina Subdistrict Personal Use Fishery

Mark A. Somerville
Division of Sport Fish
Upper Copper/Upper Susitna Management Area
RC3; Oral reports Tab 5





**Abundance-Based
Management
Determining Fishing Time
in the
Chitina Subdistrict
Personal Use Fishery
in 2014**

Inriver goal determination 2014

<u>Inriver goal component</u>	<u>Wild</u>	<u>Enhanced</u>	<u>Total</u>
Sockeye salmon lower bound SEG	360,000		360,000 sockeye salmon
Other salmon escapement	17,500		17,500 salmon
Chitina Subdistrict personal use	94,197	38,674	132,871 salmon
Glennallen Subdistrict subsistence	82,500		82,500 salmon
Sport fish allocation	15,000		15,000 salmon
Gulkana Hatchery broodstock		20,000	20,000 sockeye salmon
Hatchery excess (unharvested escapement)		120,370	120,370 sockeye salmon
<u>Total 2014 inriver goal (total salmon)</u>			748,241 salmon

Preseason projected daily sonar passage June 2 – 22

Inriver Goal = **748,241**

<u>Date</u>	<u>Daily Proportion</u>	<u>Daily passage</u>	<u>Weekly total</u>
June 2	0.028	16,407	
June 3	0.028	16,431	
June 4	0.026	15,265	
June 5	0.028	16,531	
June 6	0.024	14,301	
June 7	0.026	15,697	
<u>June 8</u>	<u>0.027</u>	<u>16,388</u>	<u>111,020</u>
June 9	0.024	14,087	
June 10	0.021	12,859	
June 11	0.019	11,687	
June 12	0.017	10,340	
June 13	0.015	9,054	
June 14	0.014	8,760	
<u>June 15</u>	<u>0.015</u>	<u>9,148</u>	<u>75,935</u>
June 16	0.015	8,718	
June 17	0.014	8,719	
June 18	0.014	8,412	
June 19	0.014	8,620	
June 20	0.014	8,201	
June 21	0.013	8,105	
<u>June 22</u>	<u>0.013</u>	<u>7,758</u>	<u>58,533</u>

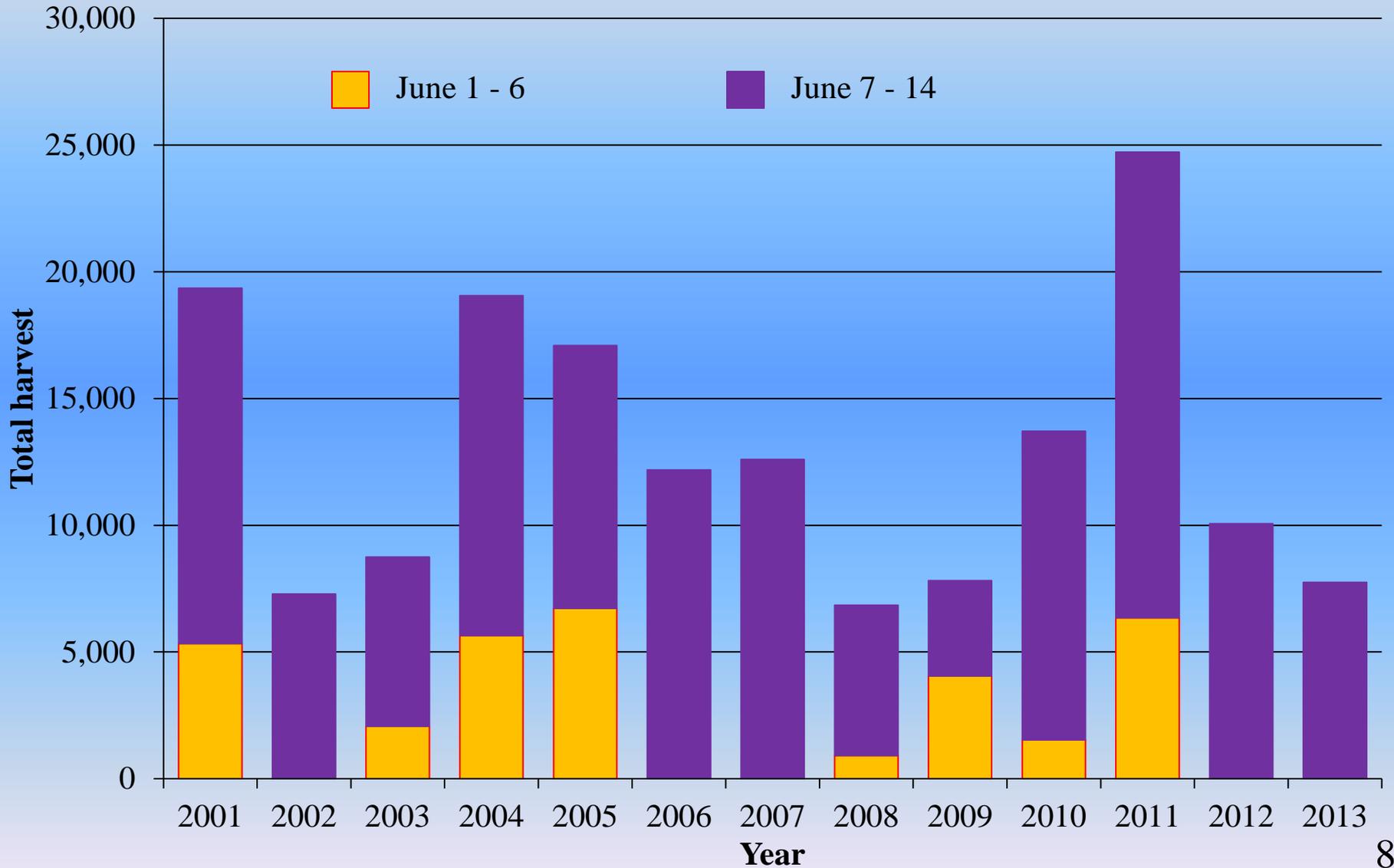
Fishing time calculated from fish passage during 3rd week of June, 2014

Chitina Subdistrict personal use (PU) fishery allocation	132,871 salmon
Inriver goal	748,241 salmon
Chitina Subdistrict Allocation proportion (132,871 / 748,241)	0.18

	<u>Projected preseason</u>	<u>Actual inseason</u>
Weekly cumulative sonar count	58,533 salmon	105,666 salmon
Allocation proportion	x 0.18	x 0.18
PU fishery weekly allocation	10,408 salmon	18,788 salmon
5-year average harvest/hour	÷ 68 fish/hour	÷ 68 fish/hour
Final fishing time	153 hours	276 calculated hours 168 actual hours

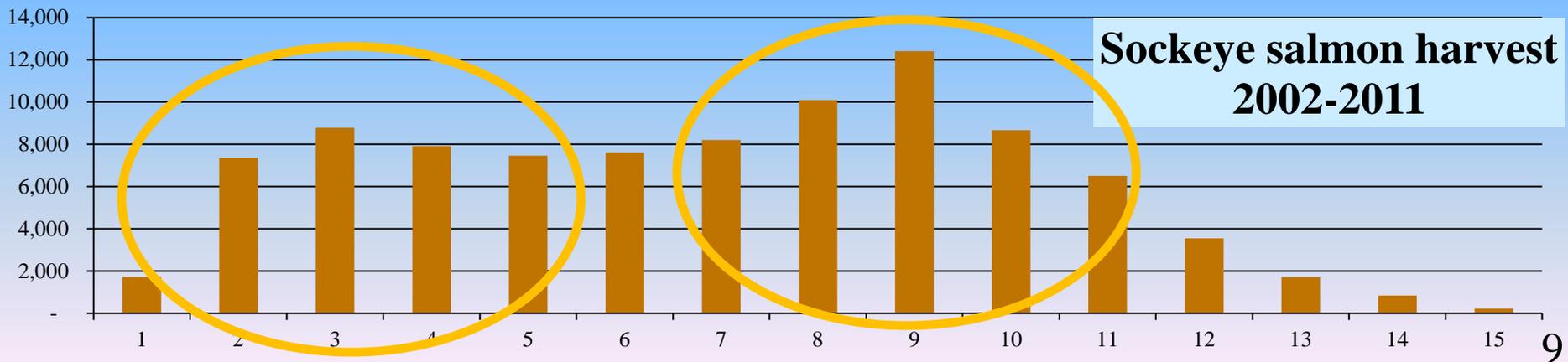
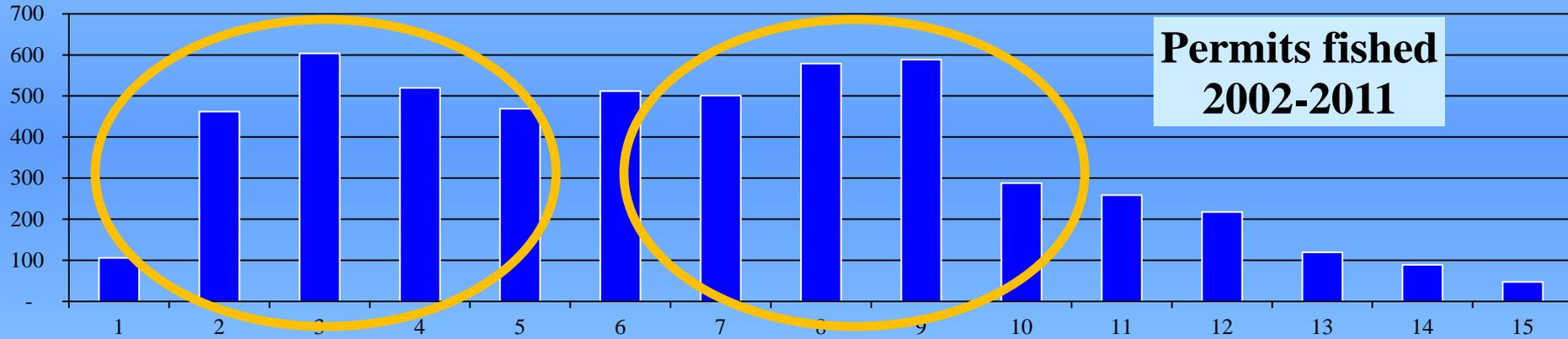
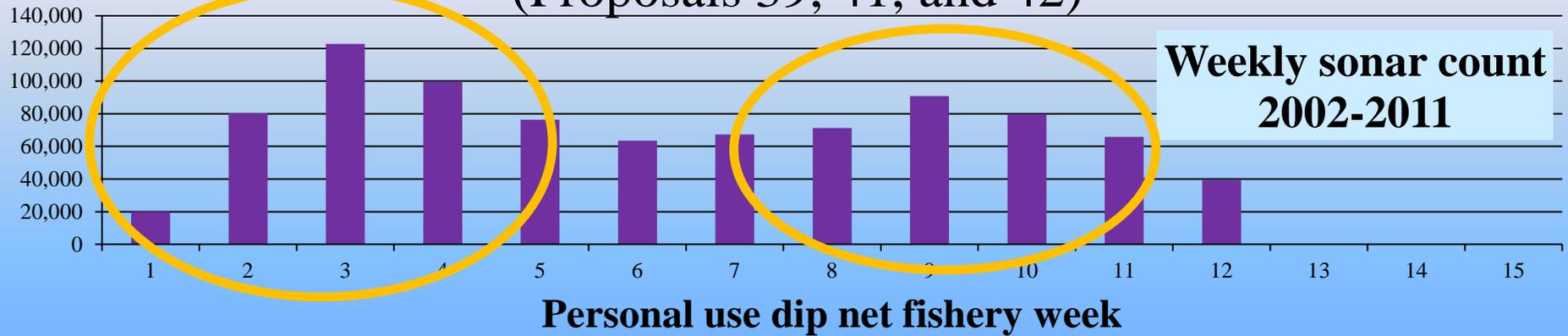
Chitina Subdistrict
Personal Use Fishery
Harvest Statistics

Chitina Subdistrict Harvest through June 14 (Proposal 38)

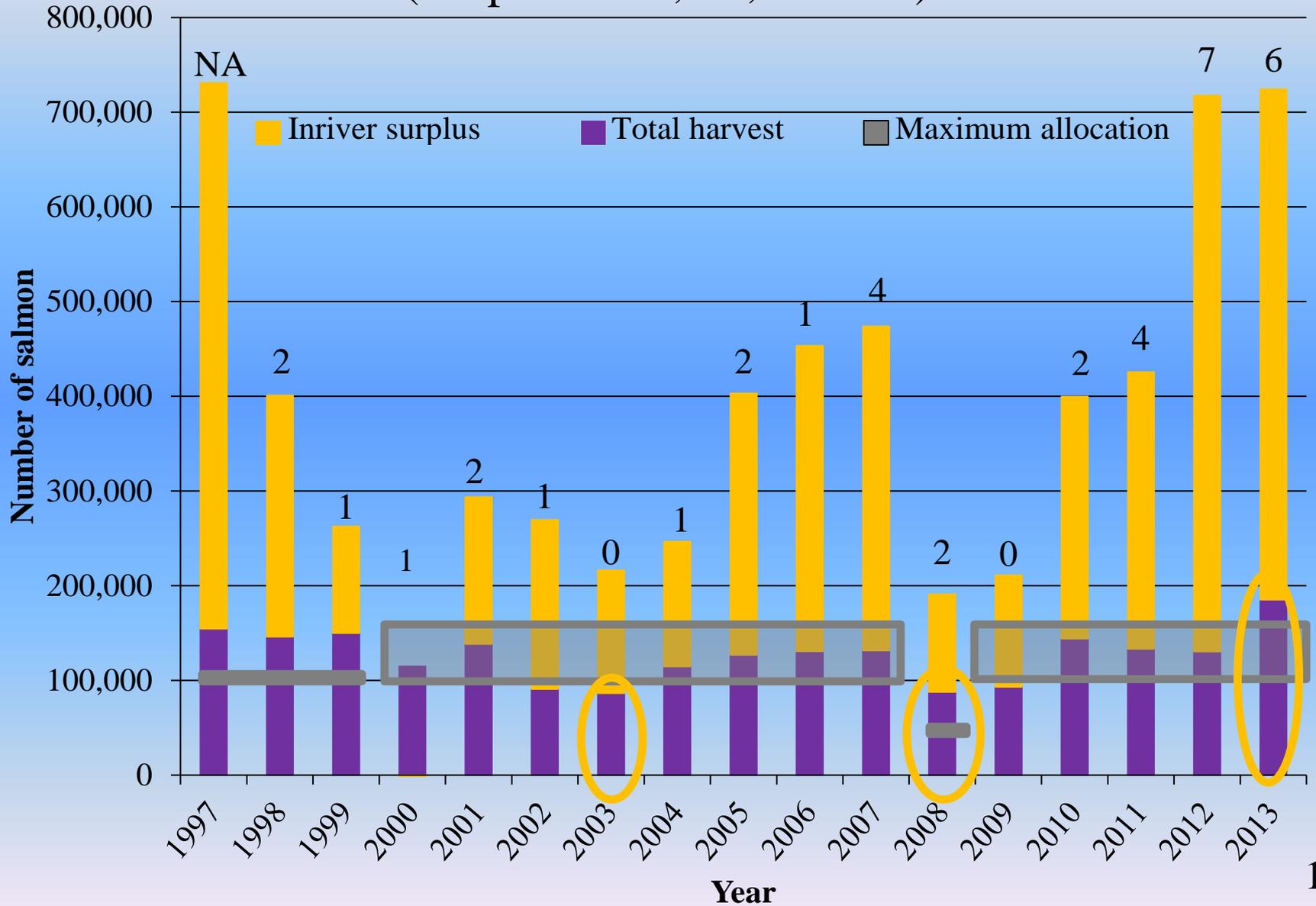


Sonar counts and Chitina Subdistrict effort and harvest

(Proposals 39, 41, and 42)



Chitina Subdistrict personal use salmon harvest (Proposals 39, 41, and 42)



Chitina Subdistrict King Salmon Harvest (Proposal 43)

