

Alitak District Salmon Management Plan

by
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Report to the Alaska Board of Fisheries
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Oral Report: RC 3; Tab 4

Written Report: RC 3; Tab 9

Staff Comments: RC 2; Tab 10

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Alitak District Salmon Management Plan

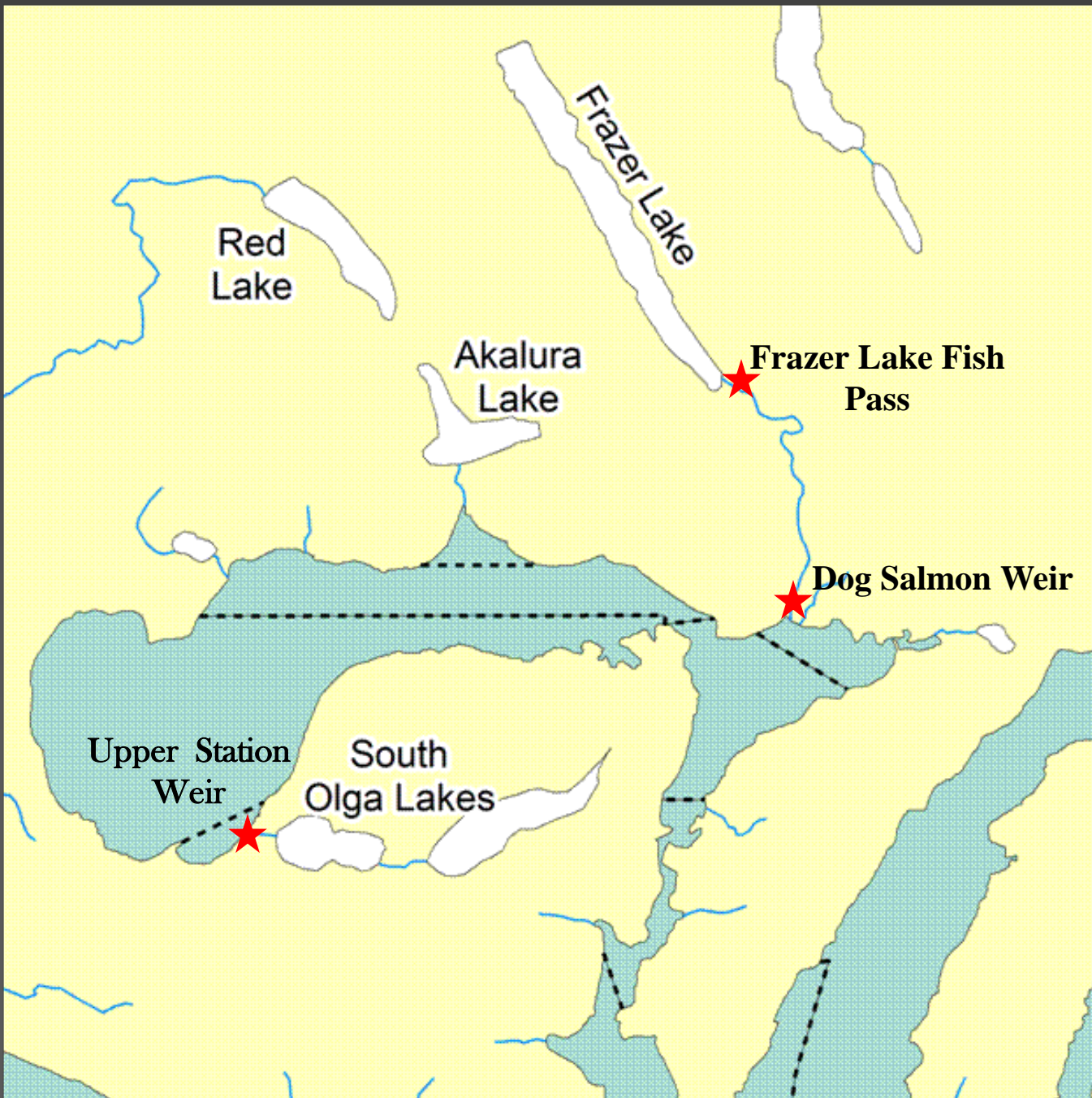
Topics to be covered:

1. Fishery Location
2. Management Plan History
3. Management Plan
4. Historical Escapement Information
5. Historical Harvest Information
6. Alitak District Proposals

Alitak District

District







Alitak District Management Plan History

1962

- Frazer Lake fish pass installed to build June sockeye salmon fishery

1971–1978

- Kodiak Management Area (KMA) closed during June to build Kodiak sockeye salmon stocks

1978–1987

- Alitak managed for Frazer sockeye salmon in June

1983

- Equal fishing time for set gillnet and seine gear targeting Frazer sockeye
- Possibility of set gillnet only openings in Upper Olga Bay
- Dog Salmon weir established for more timely monitoring

1984

- More aggressive management approach to June fishery

1988

- Management plan adopted into regulation
- Prior to July 16, fishery managed for Frazer sockeye

Alitak District Management Plan History (cont.)

1999

- Blended management approach for targeted stocks with overlap run timing
- Optimal Escapement Goal (OEG) of 25,000 fish set into place for early-run sockeye salmon to Upper Station
- 69-hour closures during every 10-day period

2002

- Restructuring of set gillnet only sections
- Complex differential opening times for fishing periods

2003

- Reinstated equal fishing time between sections
- Cape Alitak seine fisheries equal opening times as Alitak Bay set gillnet fisheries

2005

- Cape Alitak to open 24 hours after the Olga Bay Section

2006–Present

- Management plan relatively unchanged

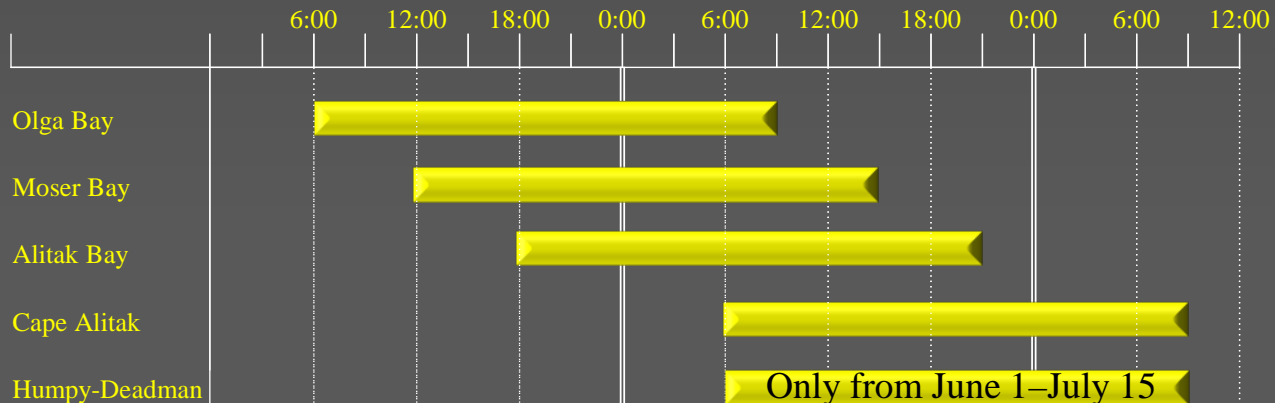
Alitak District Salmon Management Plan

Traditional Fishing Sections in Olga Bay, Moser Bay, Alitak Bay, and Cape Alitak:

- Fishing periods begin at different times but are of equal length of time
- Extensions of equal time for all sections

Humpy-Deadman Section:

- Fishing periods concurrent with Cape Alitak Section from June 1–July 15
- After July 15, based on salmon returning to local Humpy-Deadman systems



Alitak District Salmon Management Plan (cont.)

Olga Bay, Moser Bay, Alitak Bay, and Cape Alitak sections:

June 1 through July 15:

- Based on Frazer and early Upper Station sockeye salmon runs

July 16 through August 9:

- Odd-numbered years; Frazer sockeye salmon or pink salmon
- Even-numbered years; sockeye salmon to Frazer or Upper Station.

August 10 through August 25:

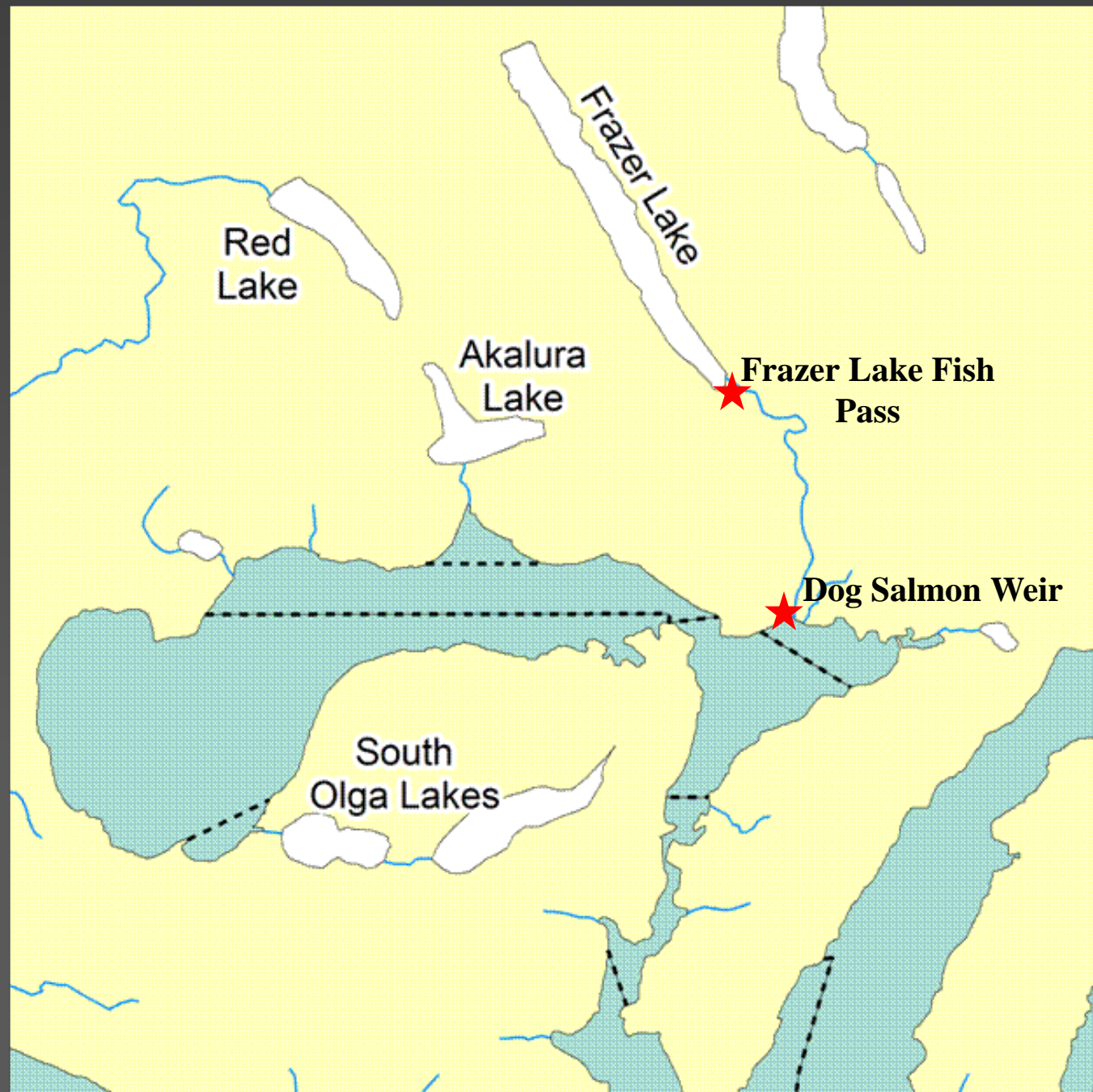
- Odd-numbered years; sockeye salmon returning to Upper Station
- Even-numbered years; pink salmon returning to Frazer or sockeye salmon returning to Upper Station

After August 25:

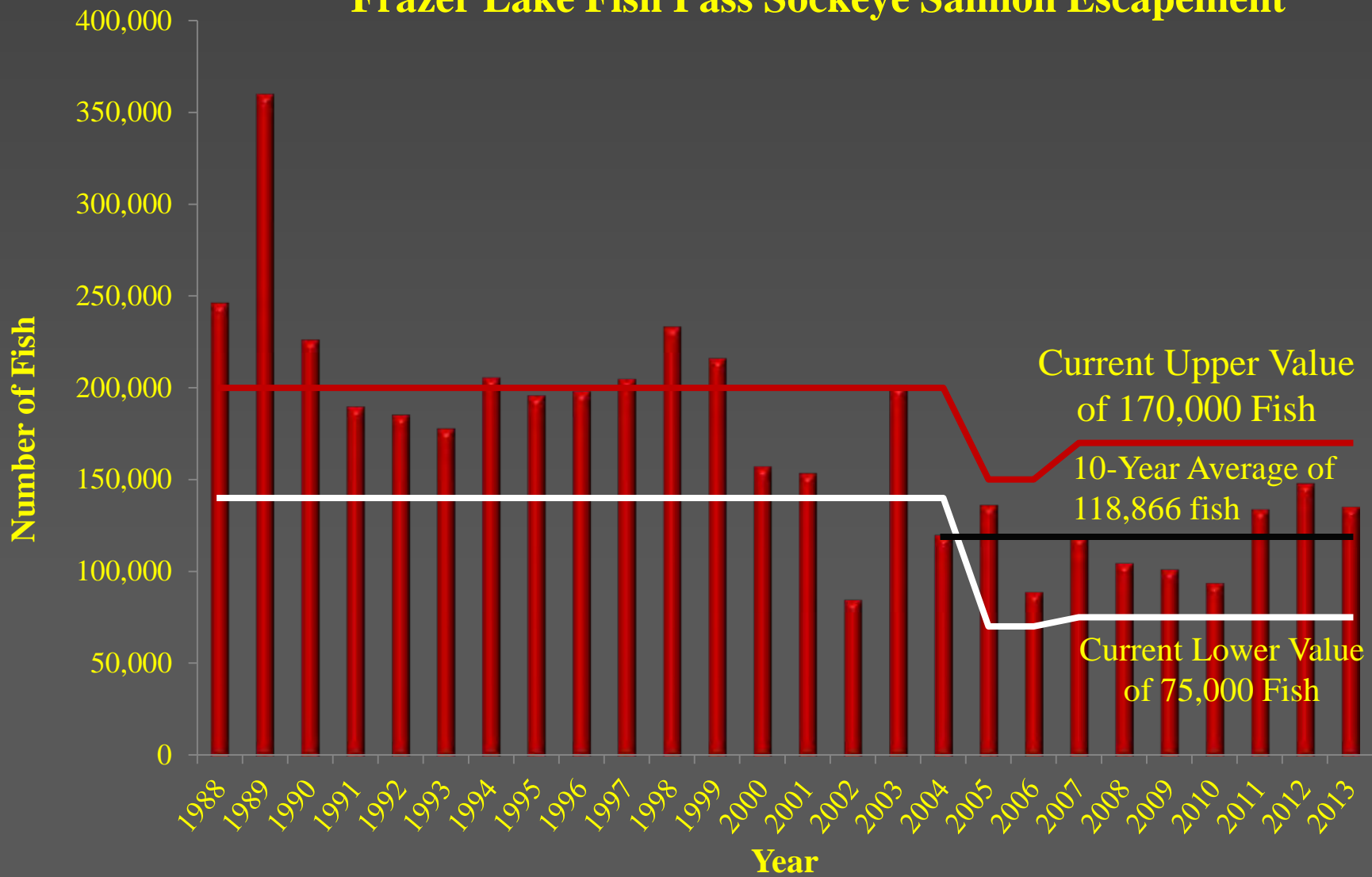
- Coho and late sockeye salmon returns to all Olga Bay systems

Dog Salmon Weir and Frazer Lake Fish Pass

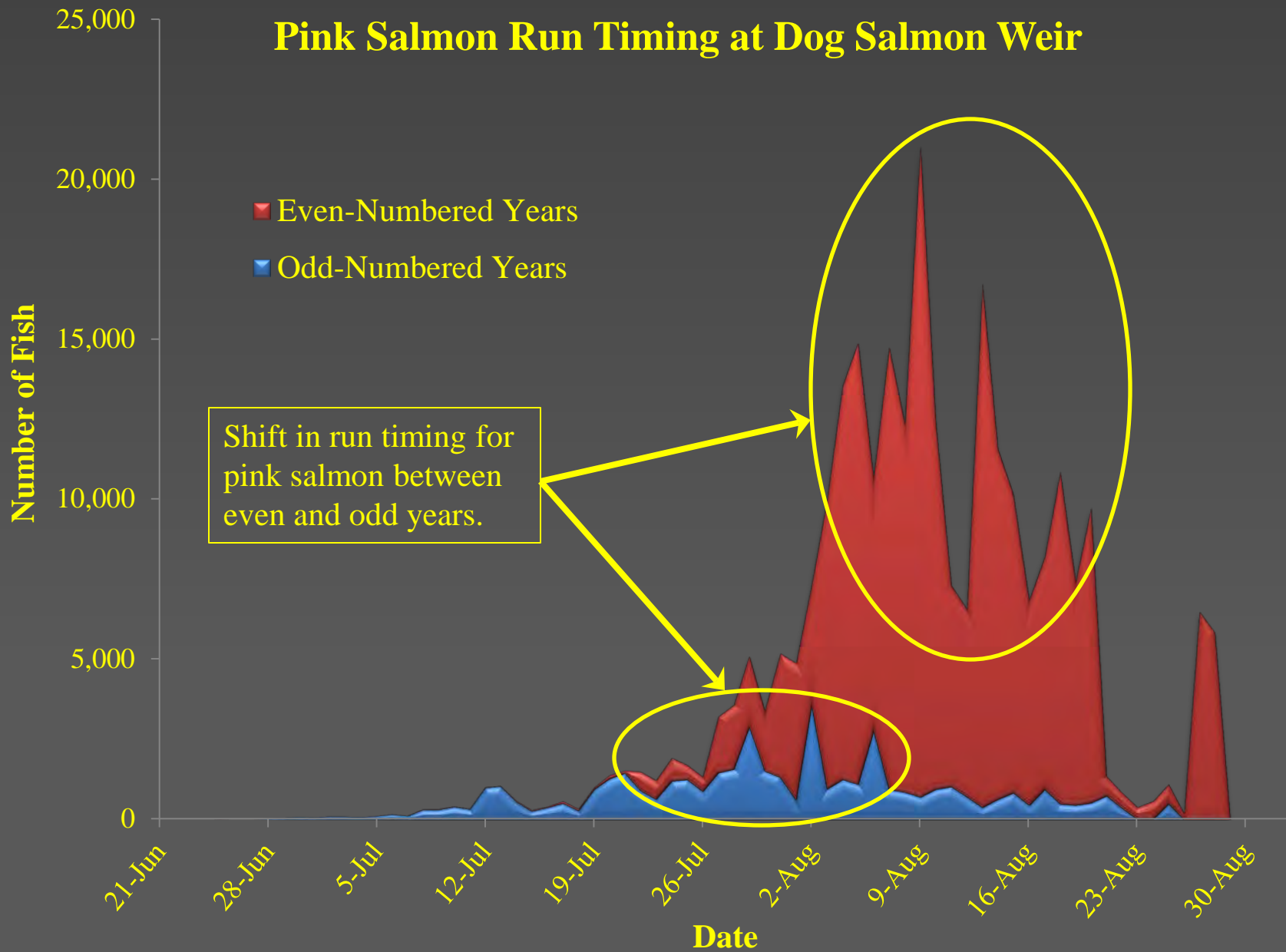
- Dog Salmon weir located near the outlet of Dog Salmon Creek
- Frazer Lake Fish Pass located near the outlet of Frazer Lake
- Sockeye salmon BEG of 75,000–170,000 fish.



Frazer Lake Fish Pass Sockeye Salmon Escapement

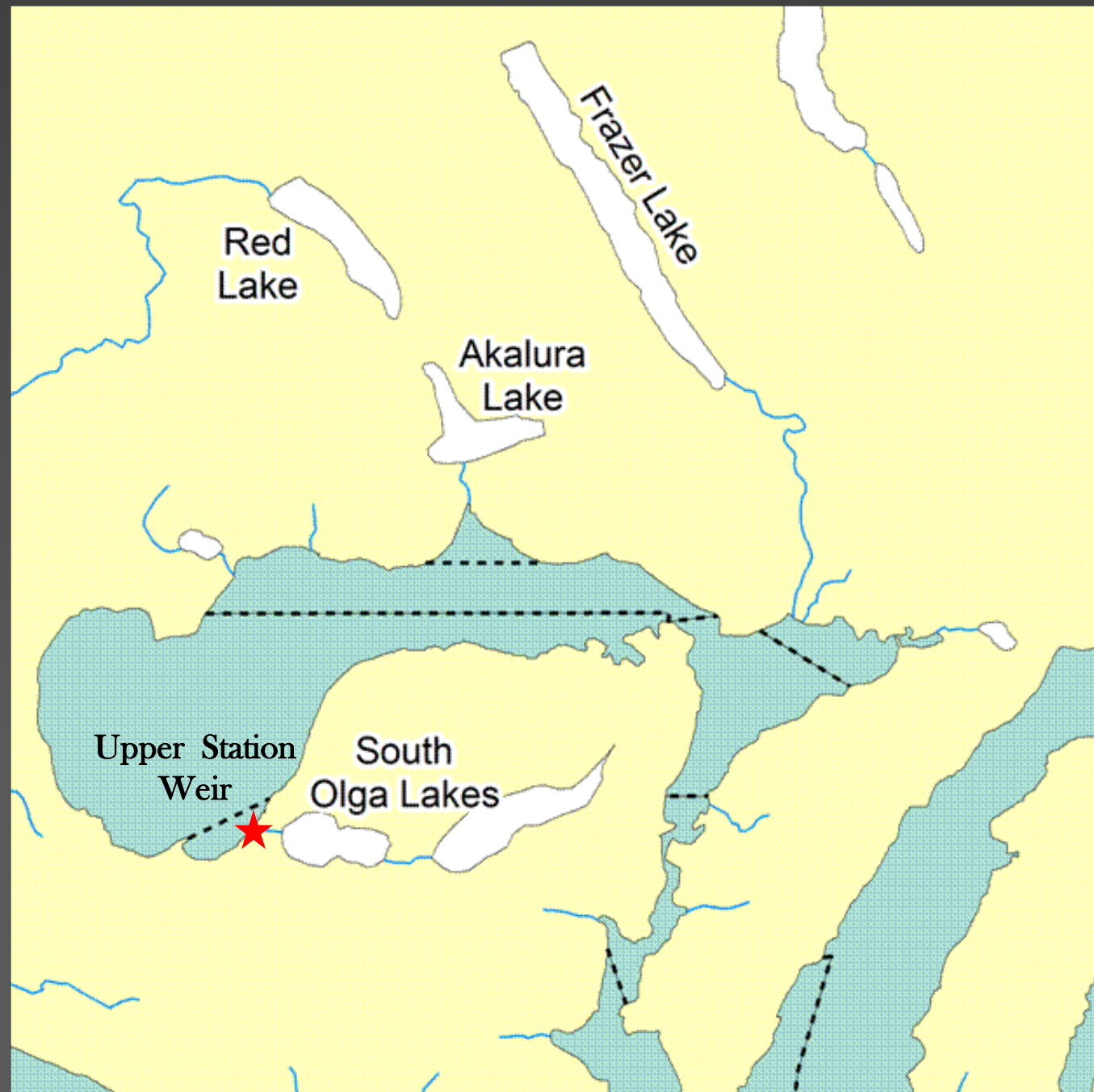


Pink Salmon Run Timing at Dog Salmon Weir

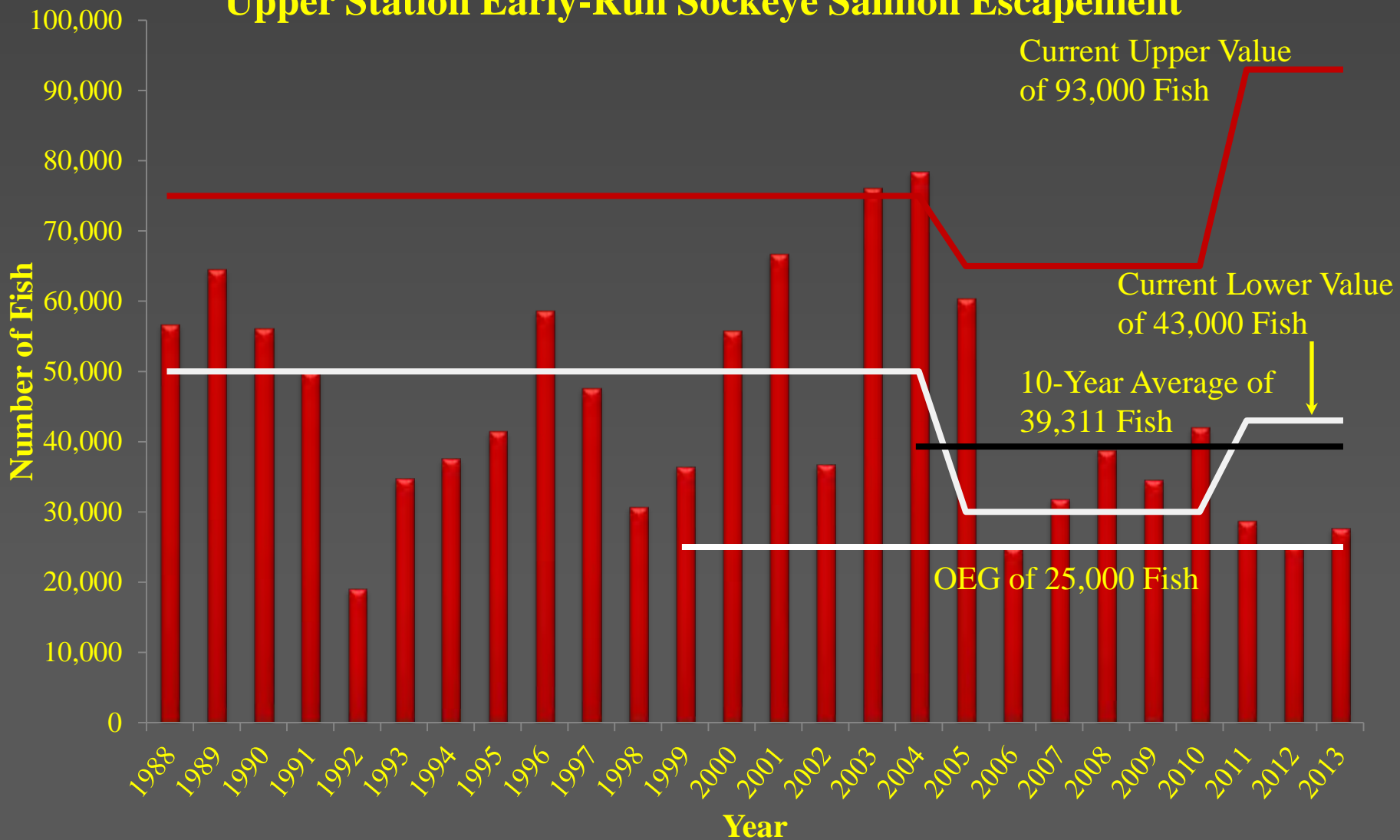


Upper Station Weir

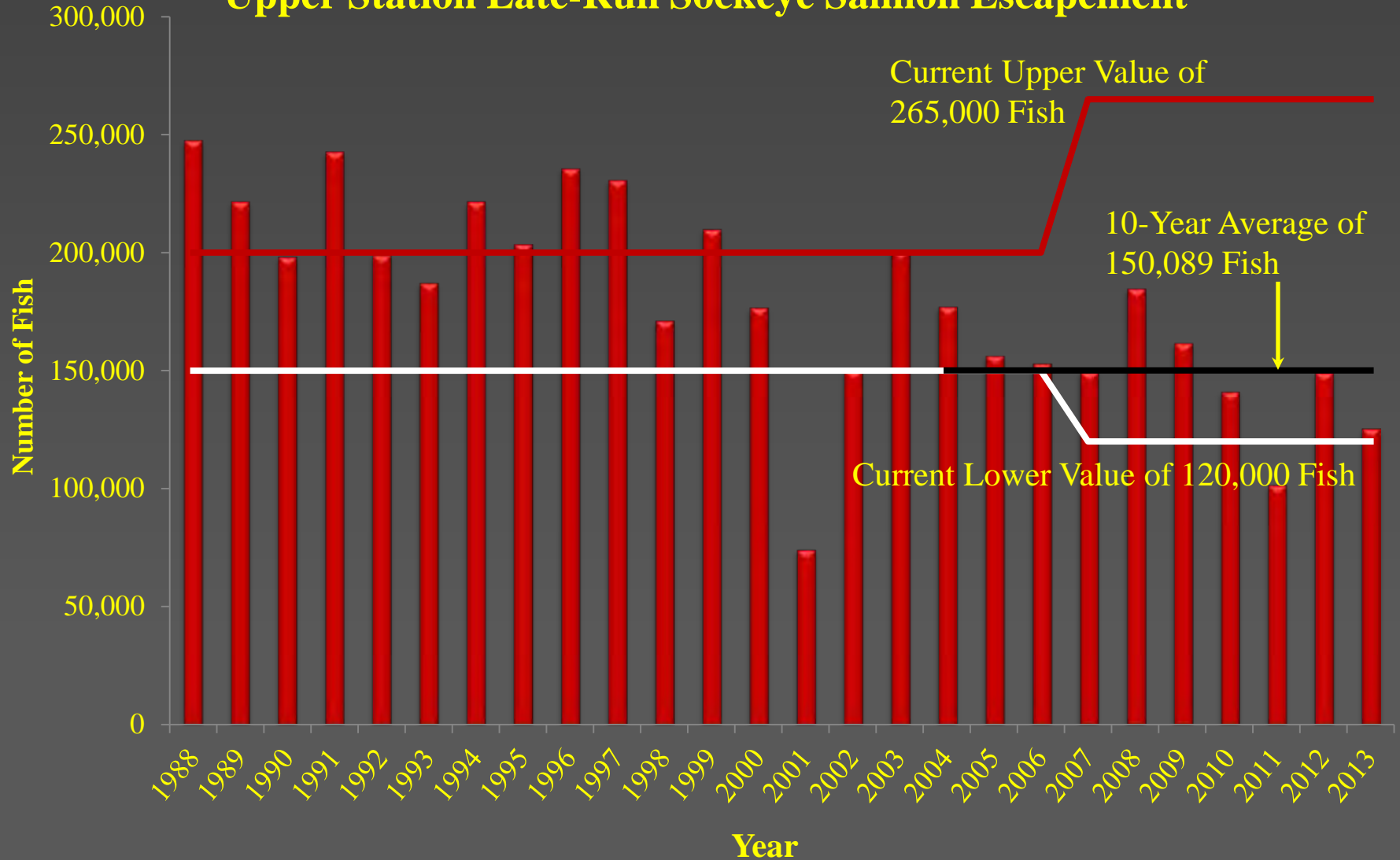
- Located near the outlet of Olga Creek
- Monitors early and late sockeye salmon runs
- Early-run BEG of 43,000–93,000 sockeye salmon (OEG of 25,000 fish)
- Late-run BEG of 120,000–265,000 sockeye salmon



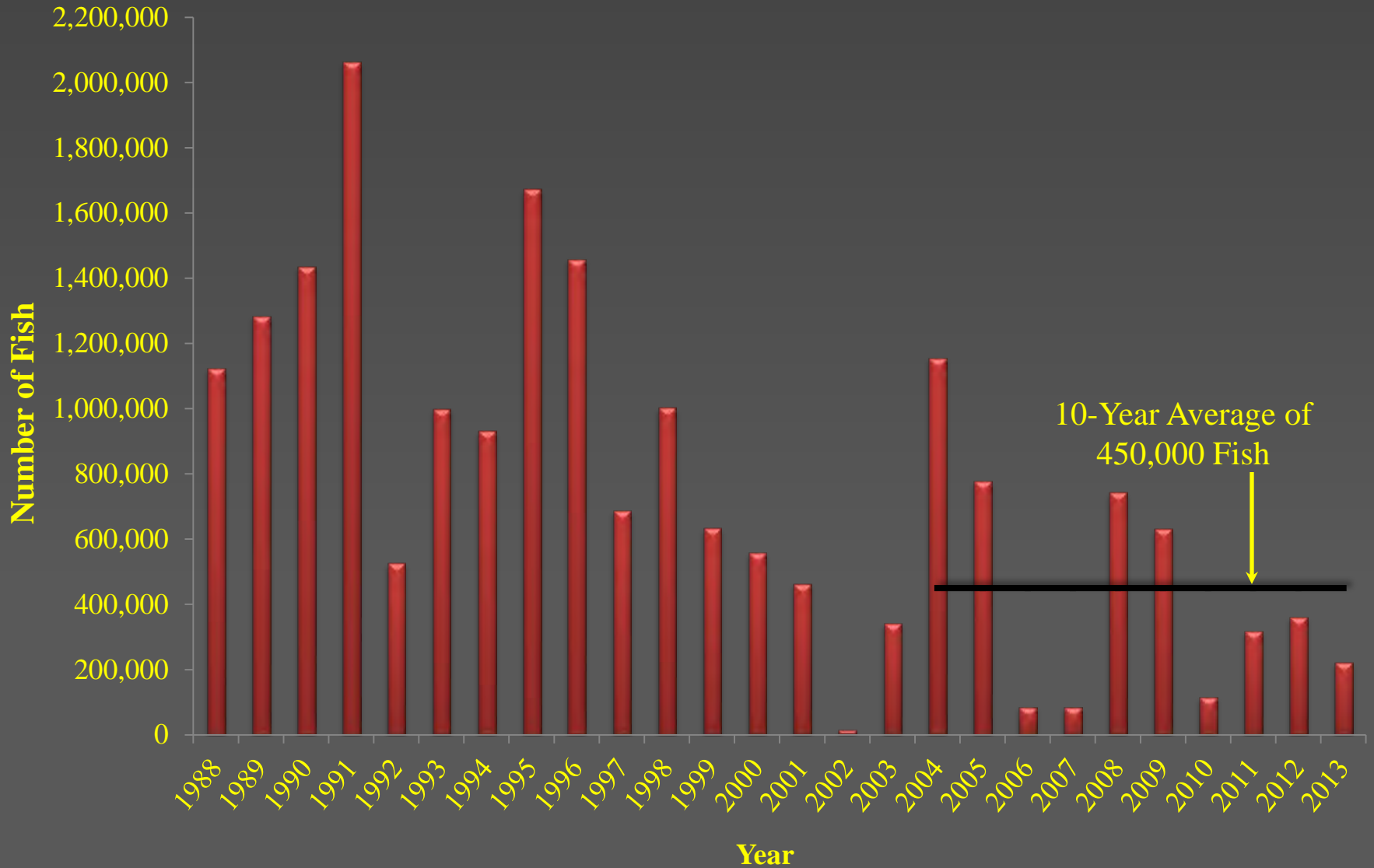
Upper Station Early-Run Sockeye Salmon Escapement



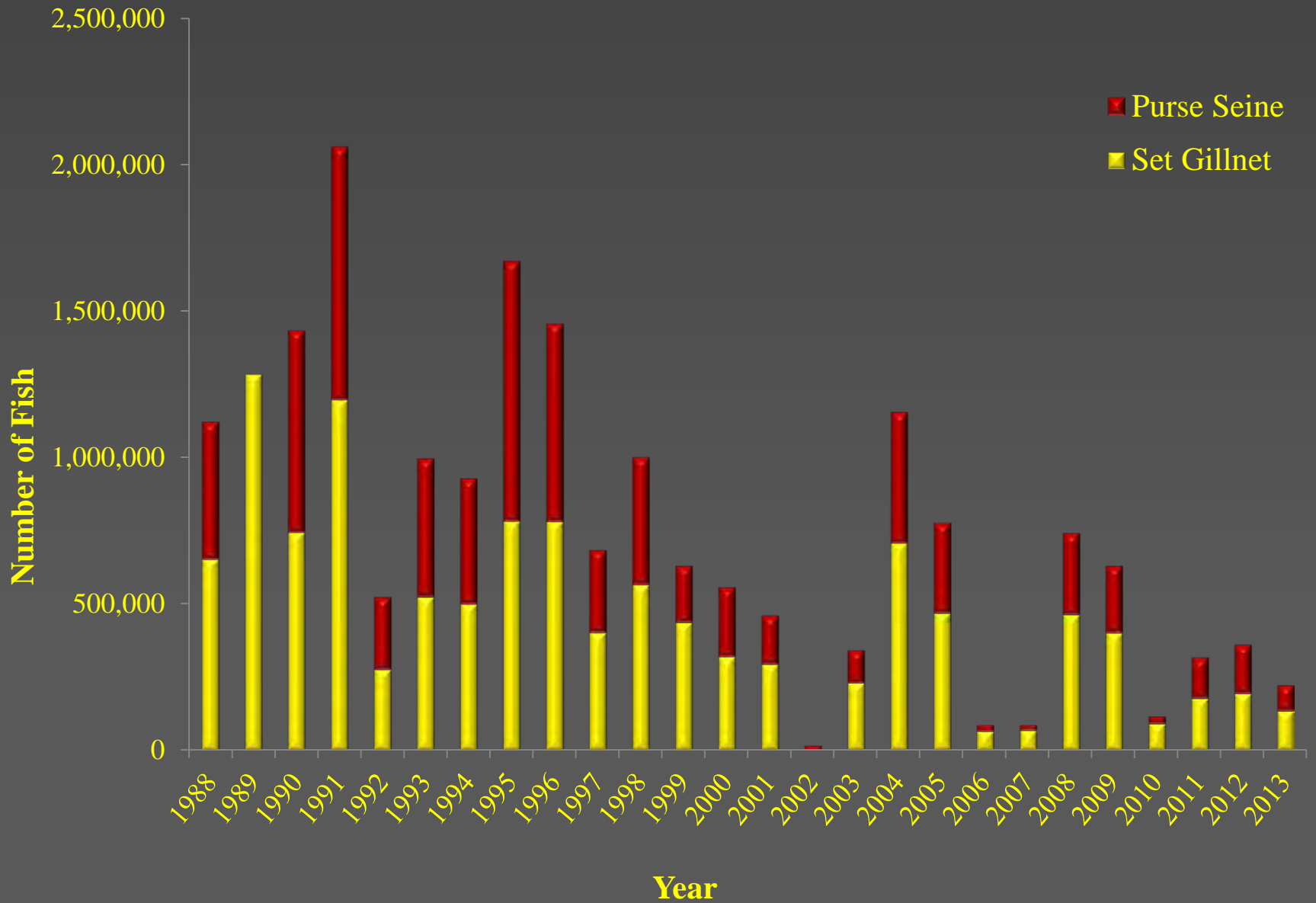
Upper Station Late-Run Sockeye Salmon Escapement



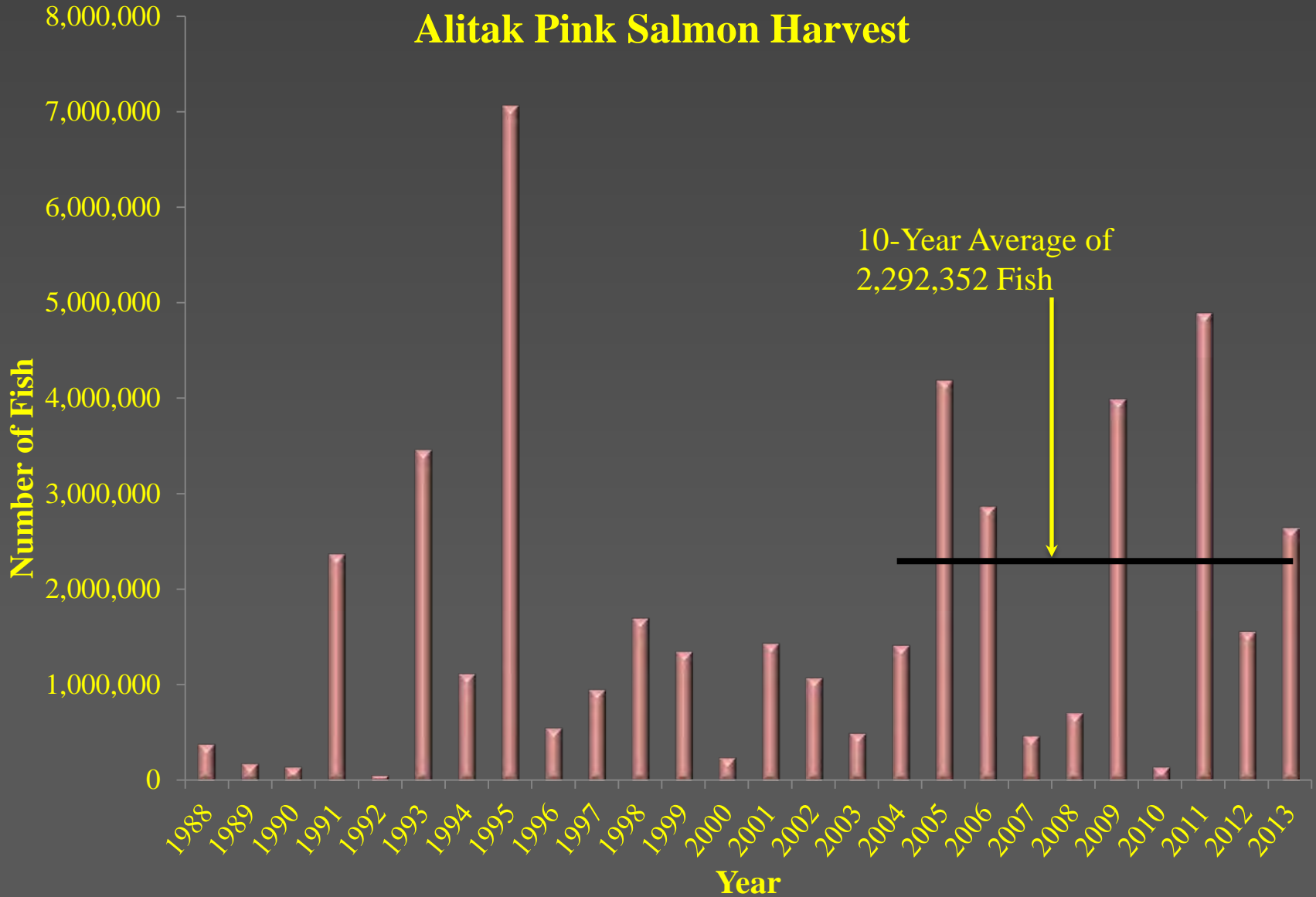
Alitak District Sockeye Salmon Harvest



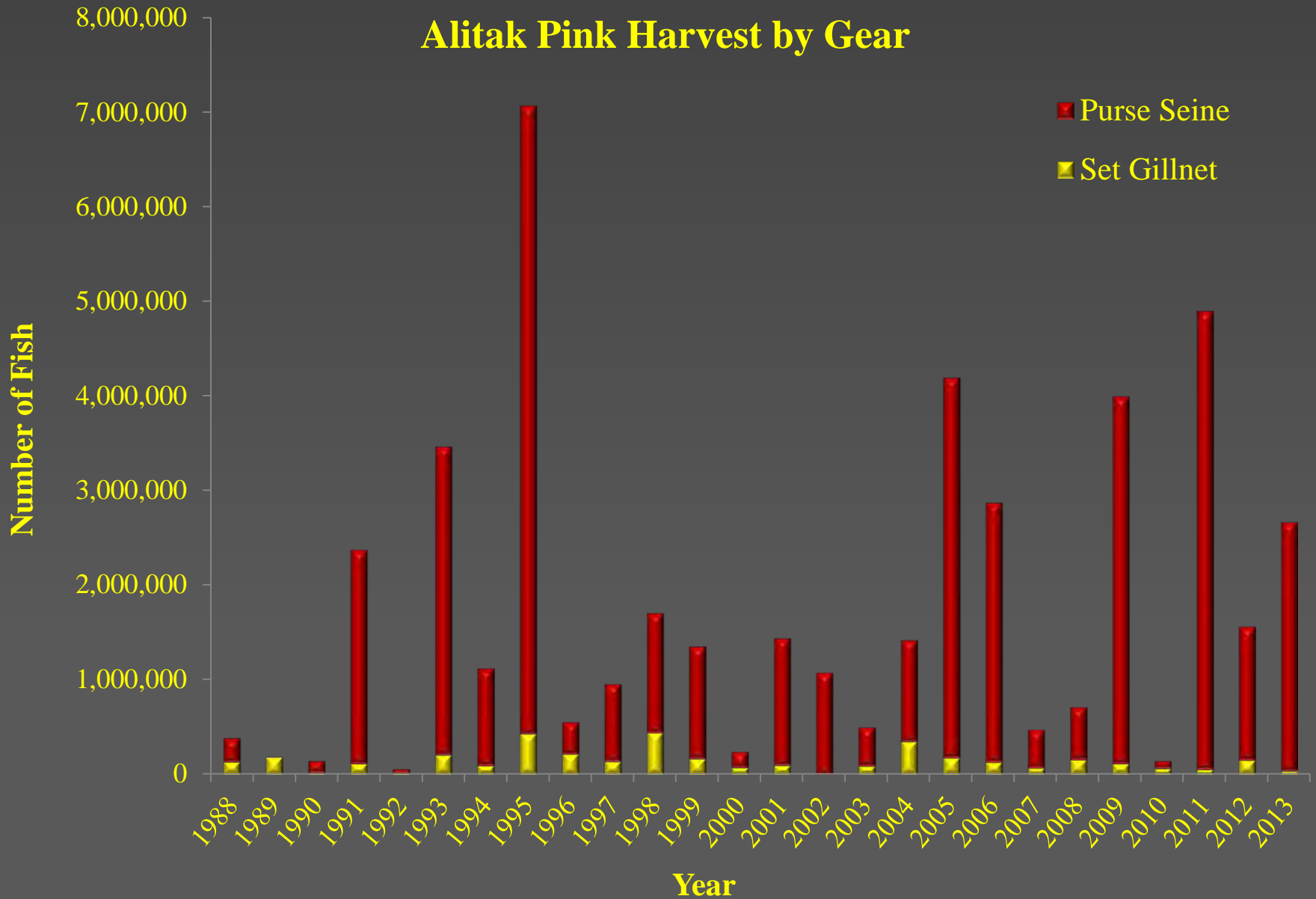
Alitak Sockeye Salmon Harvest by Gear



Alitak Pink Salmon Harvest



Alitak Pink Harvest by Gear



Alitak District Proposal Summary

- Proposal 88 changes the staggered fishing periods in Olga Bay, Moser Bay, Alitak Bay, and Cape Alitak sections.
- Proposal 89 changes management periods in July and August for the Olga Bay, Moser Bay, Alitak Bay, Cape Alitak Bay sections.
- Proposal 90 bases management of the Humpy-Deadman Section on the strength of Upper Station late-run sockeye salmon escapement.
- Proposal 91 eliminates the Upper Station early-run sockeye salmon OEG of 25,000 fish.

A dark, low-key photograph of a fish, possibly a salmon, with the word "QUESTIONS?" overlaid in bright yellow text. The fish is the central focus, with its head and eye visible. The background is dark and textured, suggesting a wooden surface or a similar material. The lighting is dramatic, highlighting the fish's features against the dark background.

QUESTIONS?