



# **The Commercial Salmon Fishery in the Alitak District**

Presented by

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**An oral presentation by the Alaska  
Department of Fish and Game Division of  
Commercial Fisheries to the Alaska  
Board of Fisheries January, 2008**



Oral Report: RC 2, Tab 6

Written Report : RC 2, Tab 17

Staff Comments: RC 2, Tab 25

## Topics Covered

- Geographic review of Alitak District including:
  - Management unit description
  - Location of sockeye salmon streams
  - Location of department salmon projects
- Management plan history
- Outcomes of the 2005 through 2007 fisheries
- Briefly describe the 2 proposed regulatory changes



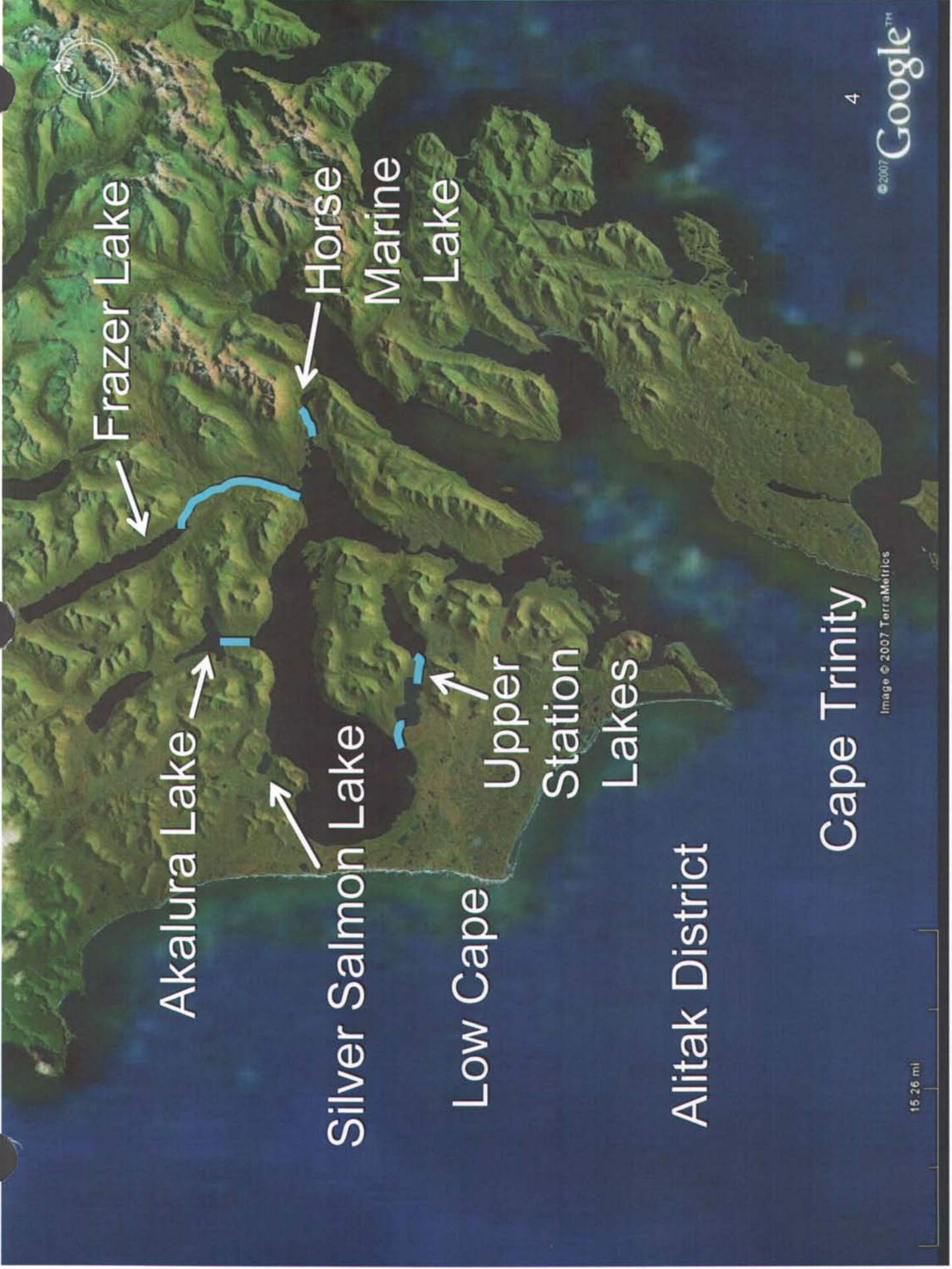
# Kodiak Island

Alitak District

69 mi

Image NASA  
Image © 2007 TerraMetrics

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Frazer Lake

Horse  
Marine  
Lake

Akalura Lake

Silver Salmon Lake

Upper  
Station  
Lakes

Low Cape

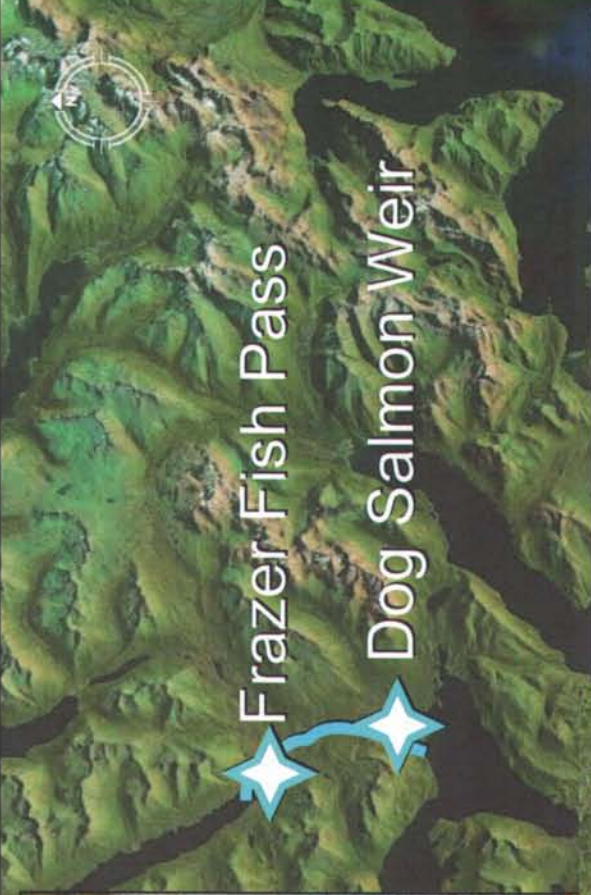
Alitak District

Cape Trinity

15.26 mi



Upper Station Weir



Frazer Fish Pass

Dog Salmon Weir



Setnet

Setnet

(normally closed)

Seine

Inner & Outer Akalura Section

Inner & Outer Upper Station Section

Dog Salmon Flats Section

Moser Bay Section

Alitak Bay Section

Humpy-Deadman Section

Cape Alitak Section



12.47 mi

Image © 2007 TerraMetrics

## **Alitak District Management Plan History**

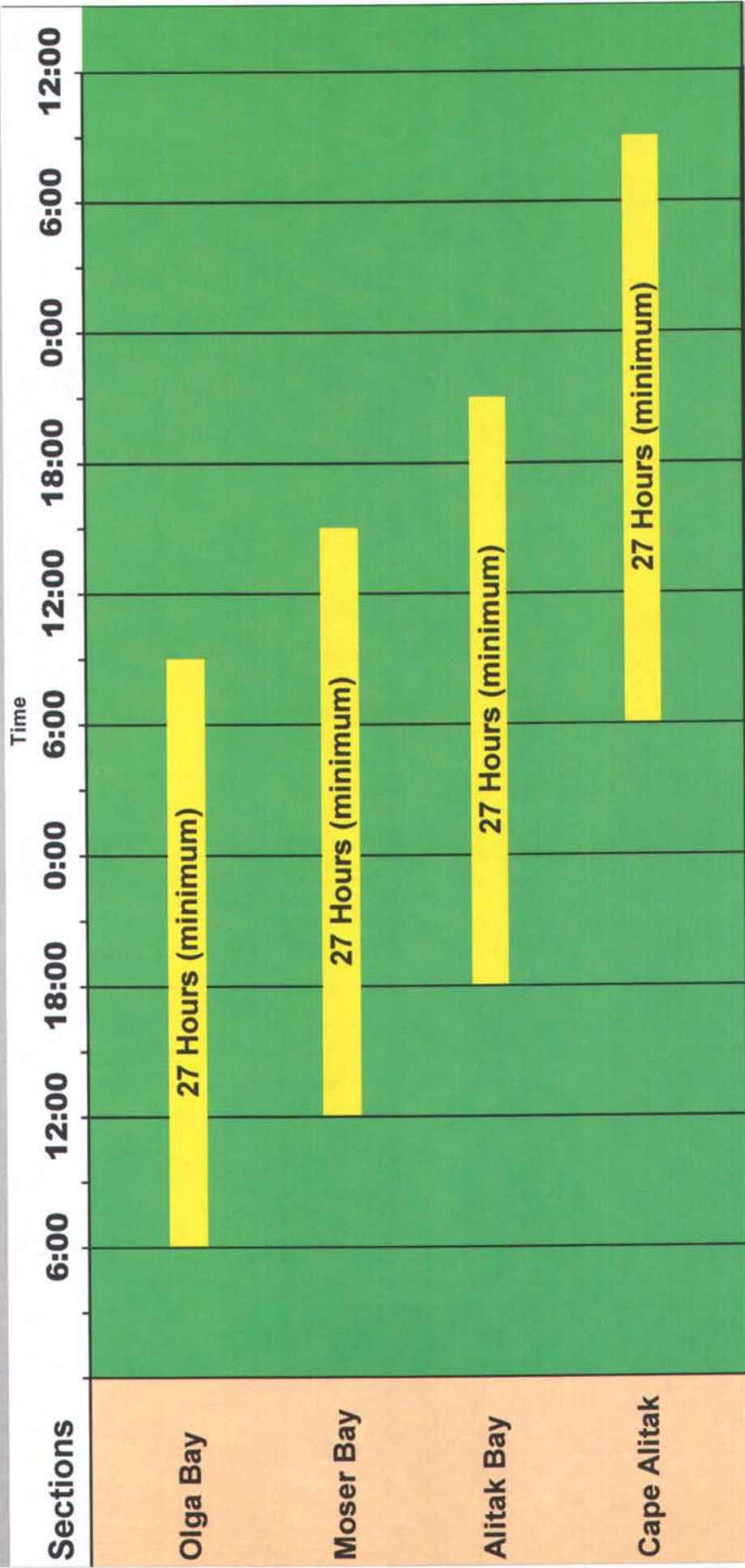
- 1988 - Adopted into regulation
- 1999 - Pulse style fishery
  - 2.6 day closure in every 10 day period
  - Prior to July 16, extensions may occur with over escapement concerns
- 2002 - Staggered openings (increased fishing time for inner sections)
  - Established harvest percentage guidelines
  - Divided the Moser-Olga Bay section into 3 new sections
- 2003 - Modified staggered schedule
  - Reduced additional fishing time in Olga Bay and Moser Bay sections
  - Provided same opening time in Cape Alitak and Alitak Bay sections



# **Alitak District Management Plan History, 2005 to Present**

- 2005 changes
  - Rescinded allocative objectives
  - Established equality in fishing time between sections
  - Minimum closed periods increased from 2.6 to 2.9 days/10-day period

# Current Alitak District Openings (in effect since 2005)

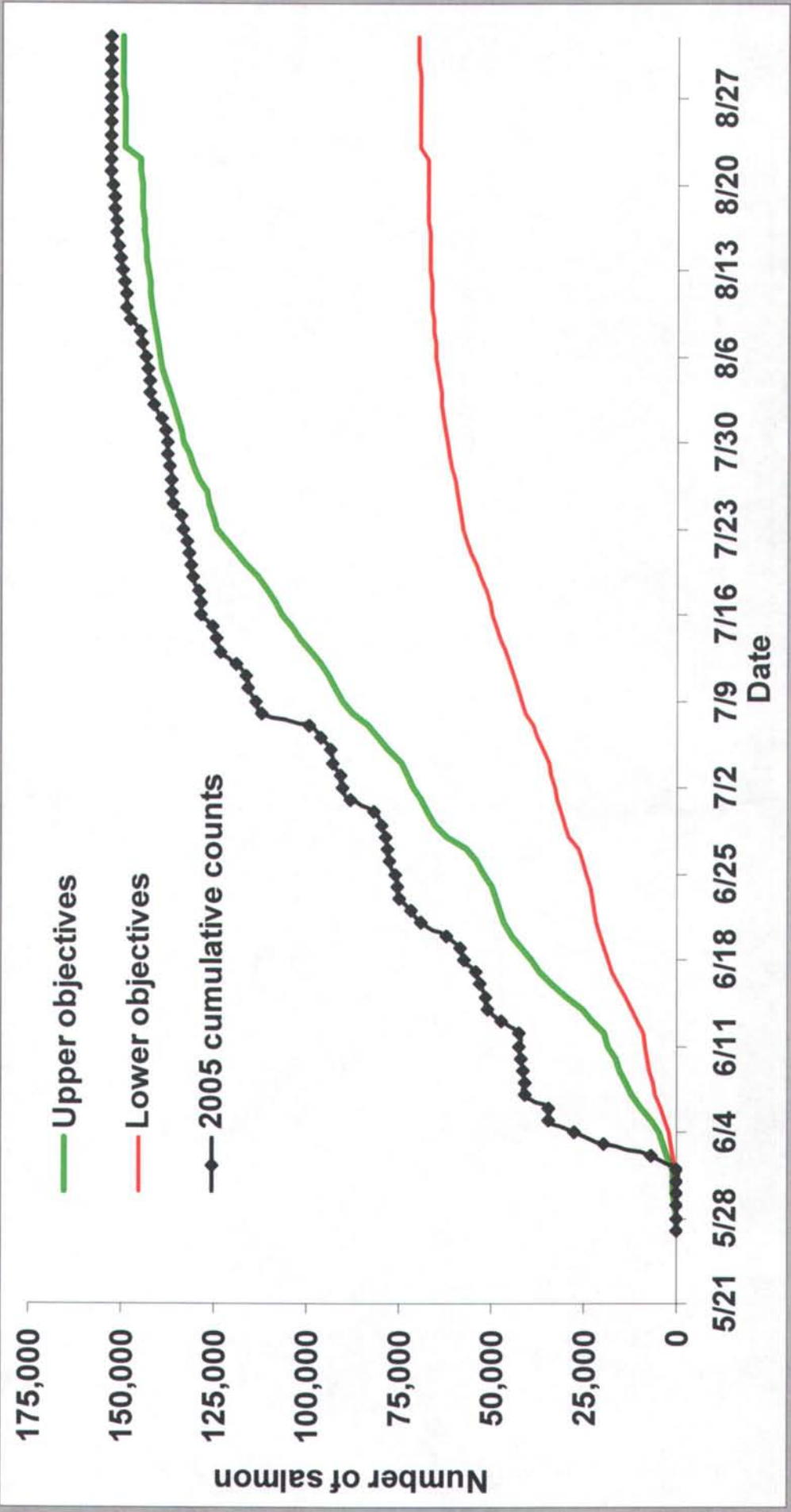


<sup>a</sup> In effect after the test fishing period in early June through September 4.

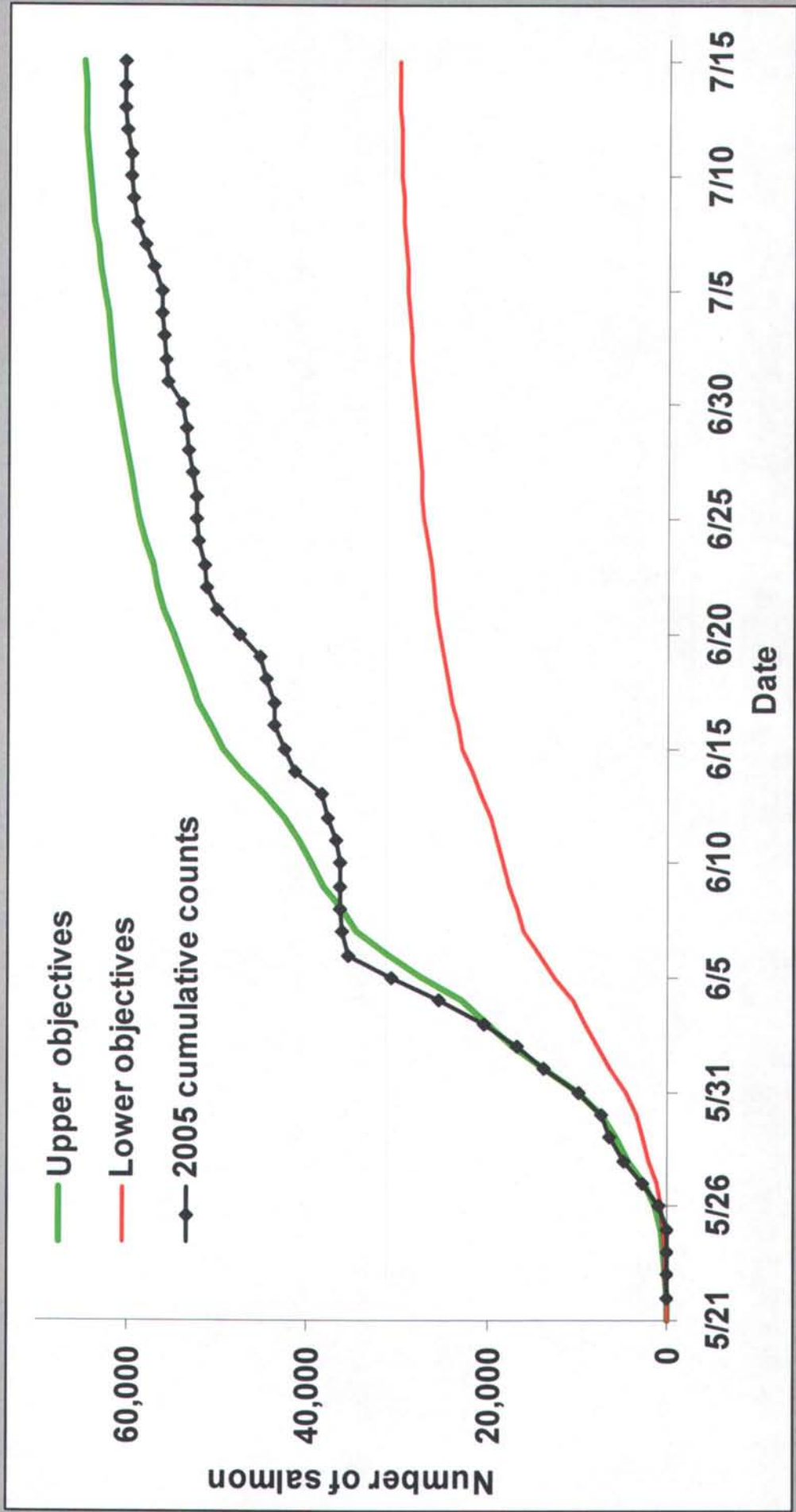
# Alitak District Commercial Sockeye Salmon Fishery, 2005



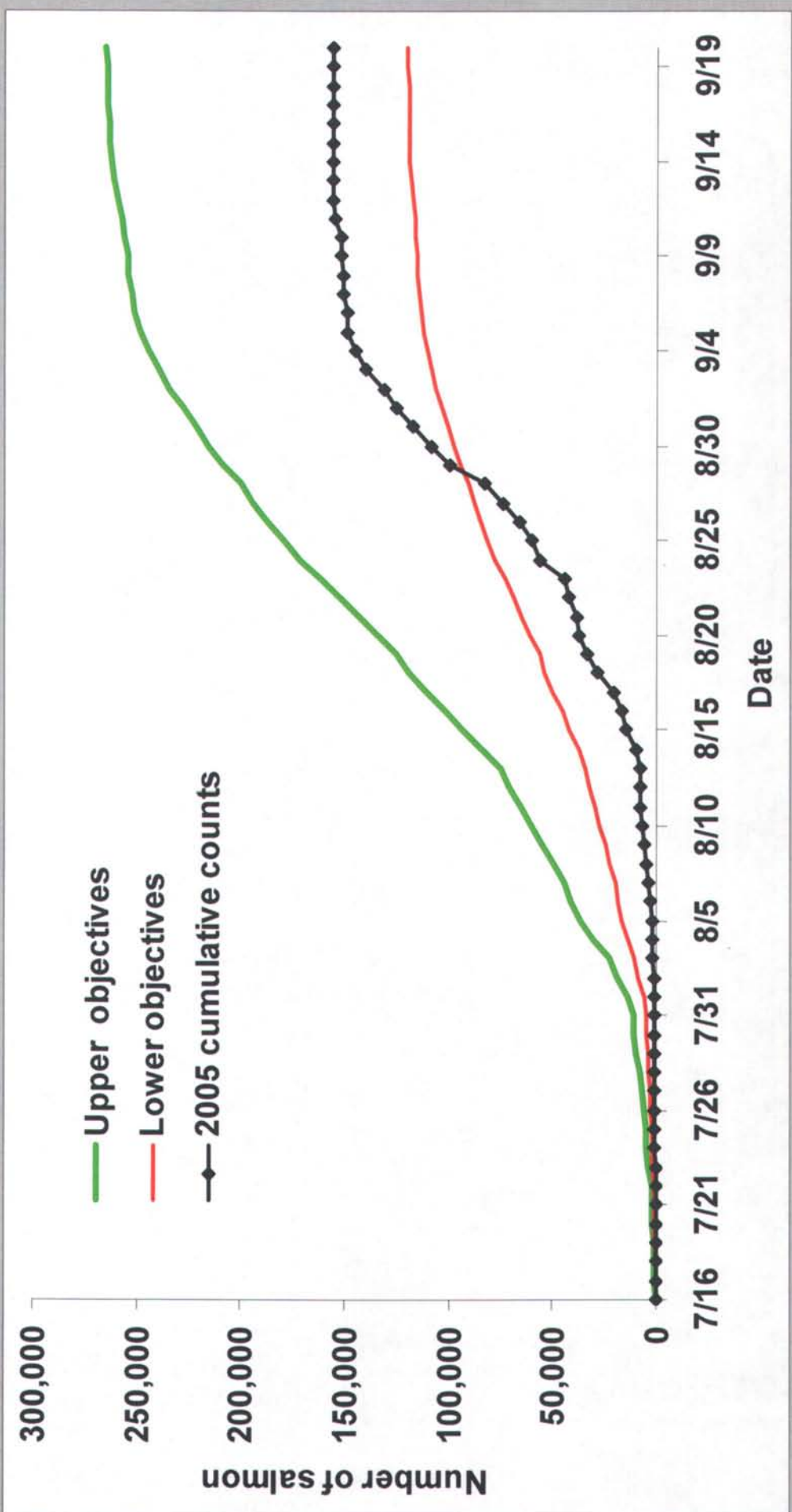
# Dog Salmon Weir Sockeye Salmon Escapement, 2005



# Upper Station Early-Run Sockeye Salmon Escapement, 2005

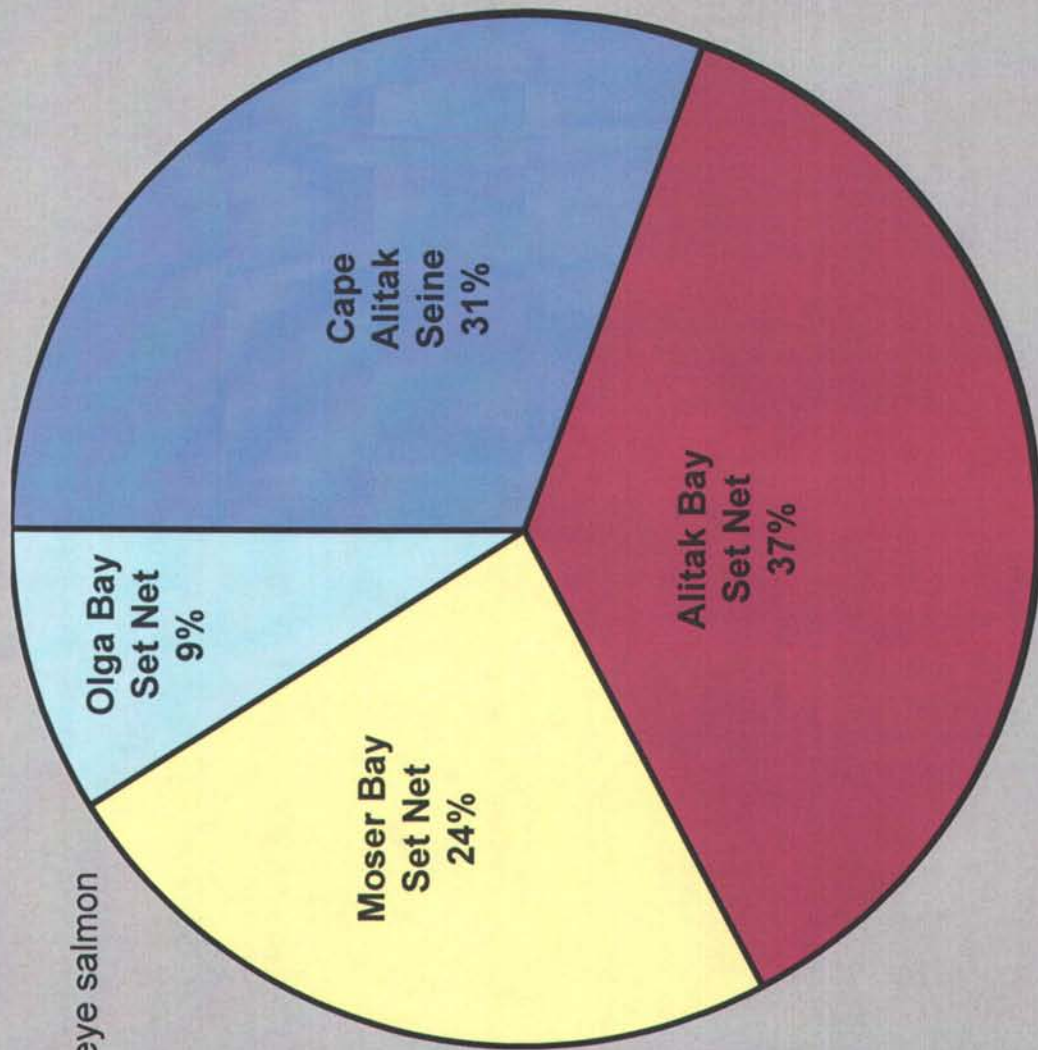


# Upper Station Late-Run Sockeye Salmon Escapement, 2005

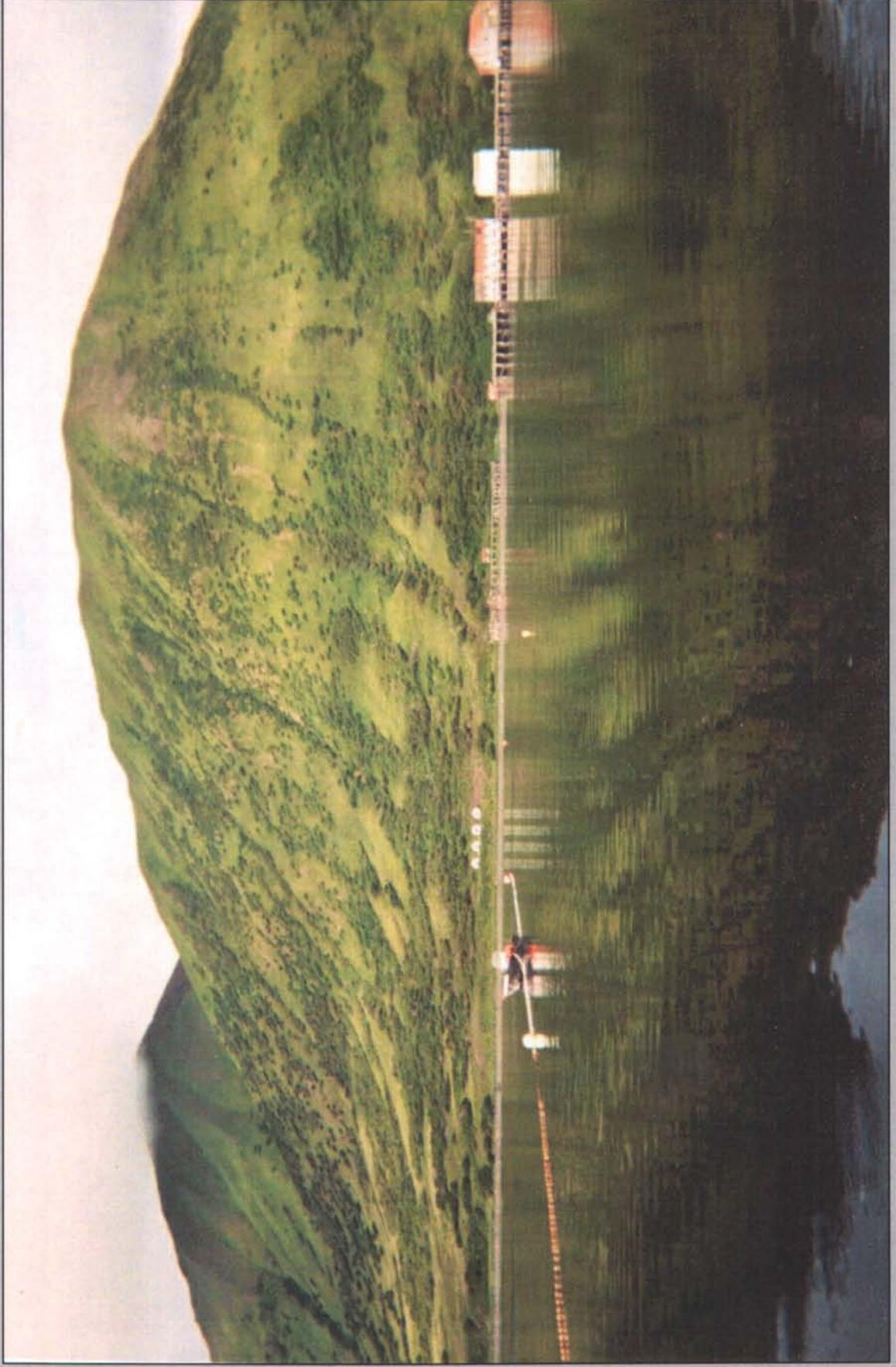


# Annual Sockeye Salmon Harvest of the Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay Sections, in Percentage of Total, 2005

Total = 677,658 sockeye salmon

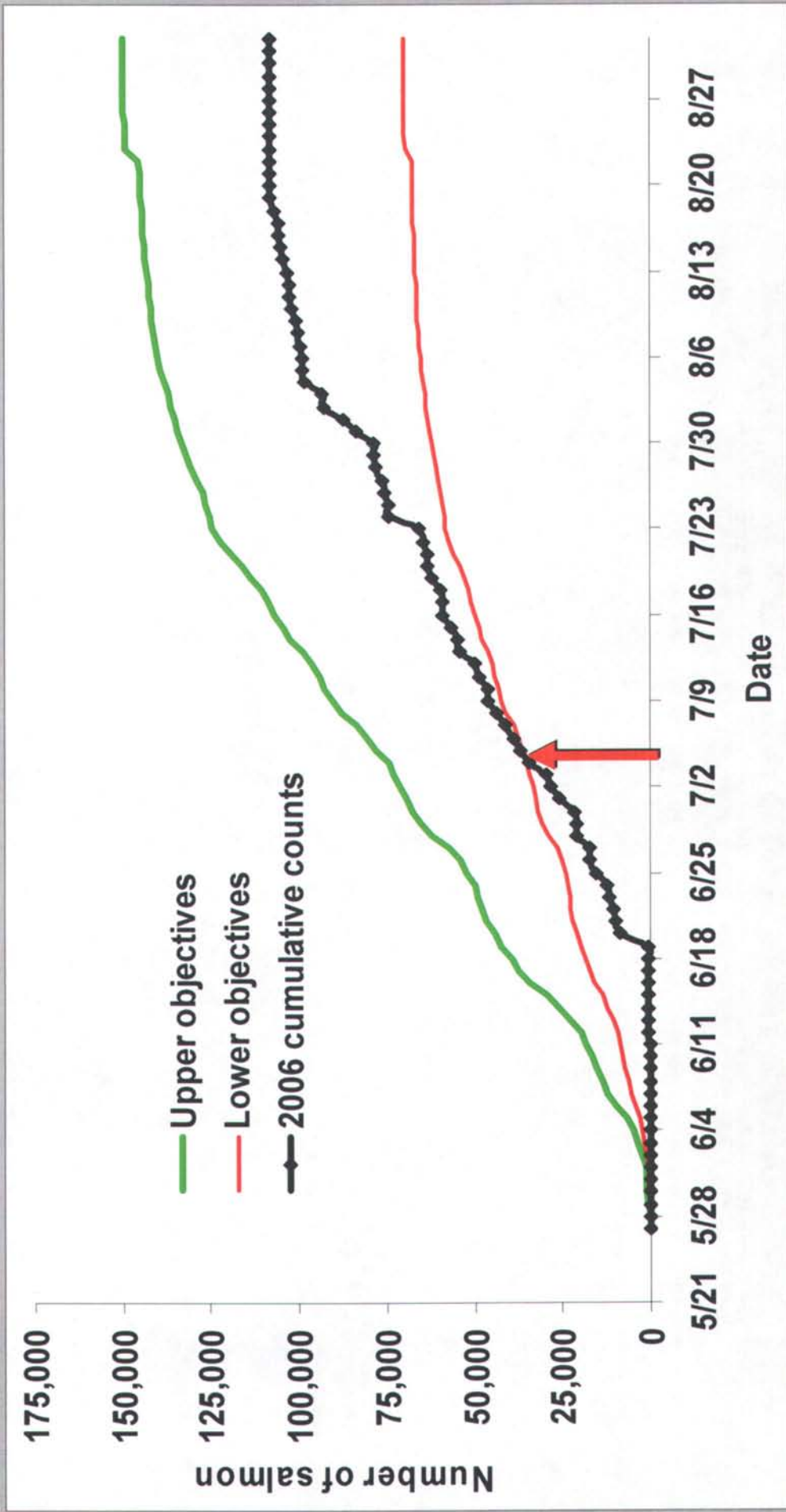


# Alitak District Commercial Sockeye Salmon Fishery, 2006

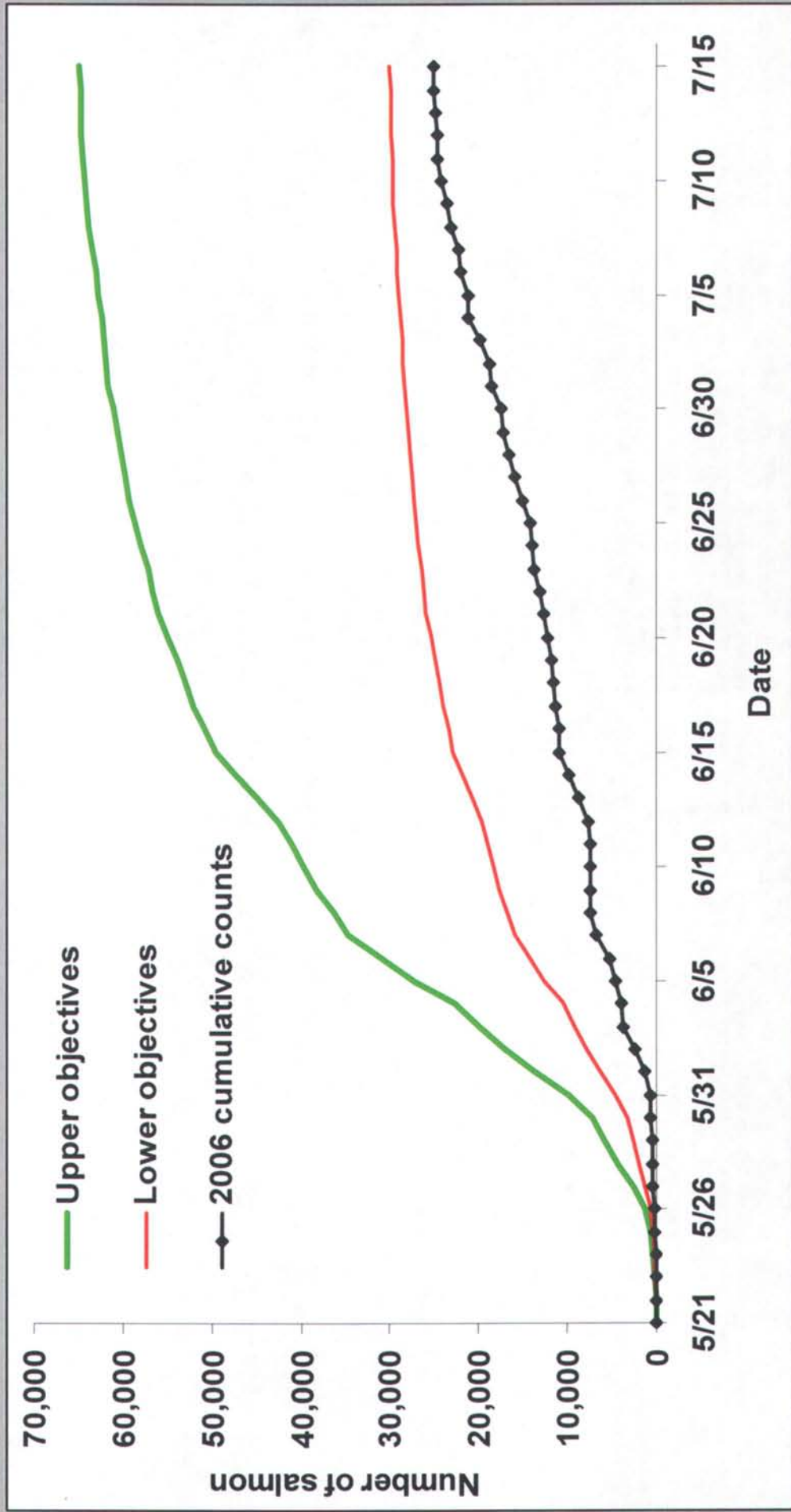




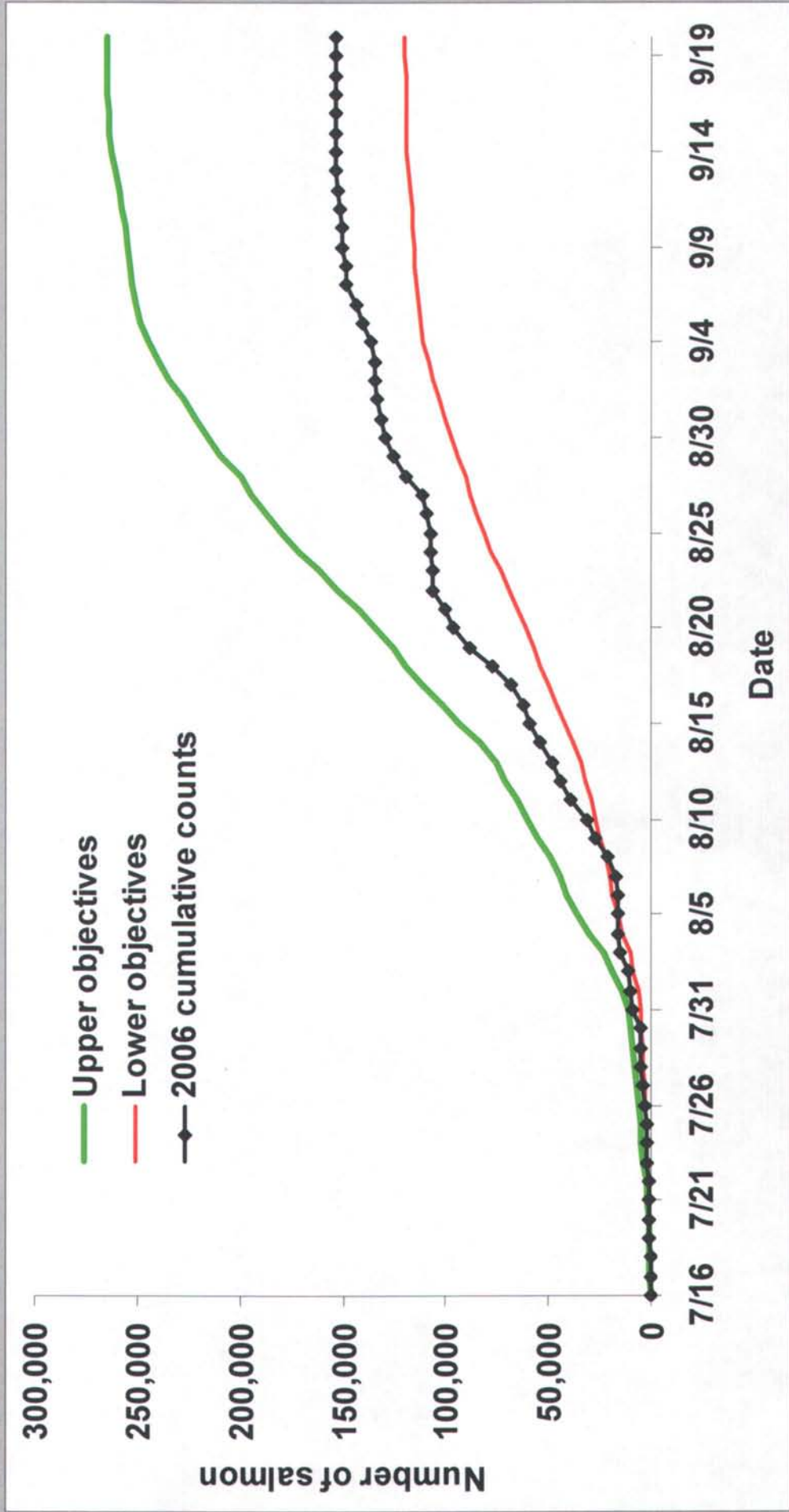
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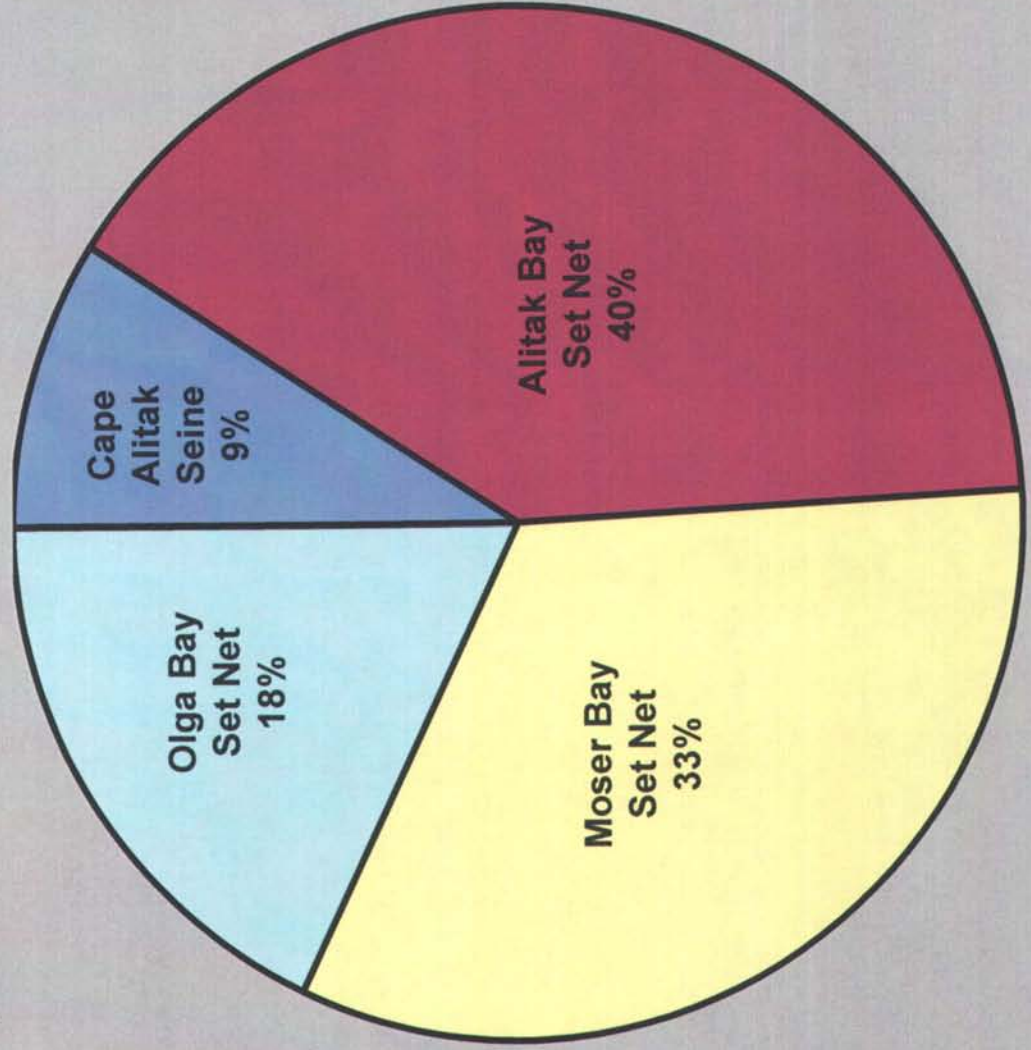


# Upper Station Late-Run Sockeye Salmon Escapement, 2006



# Annual Sockeye Salmon Harvest of the Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay Sections, in Percentage of Total, 2006

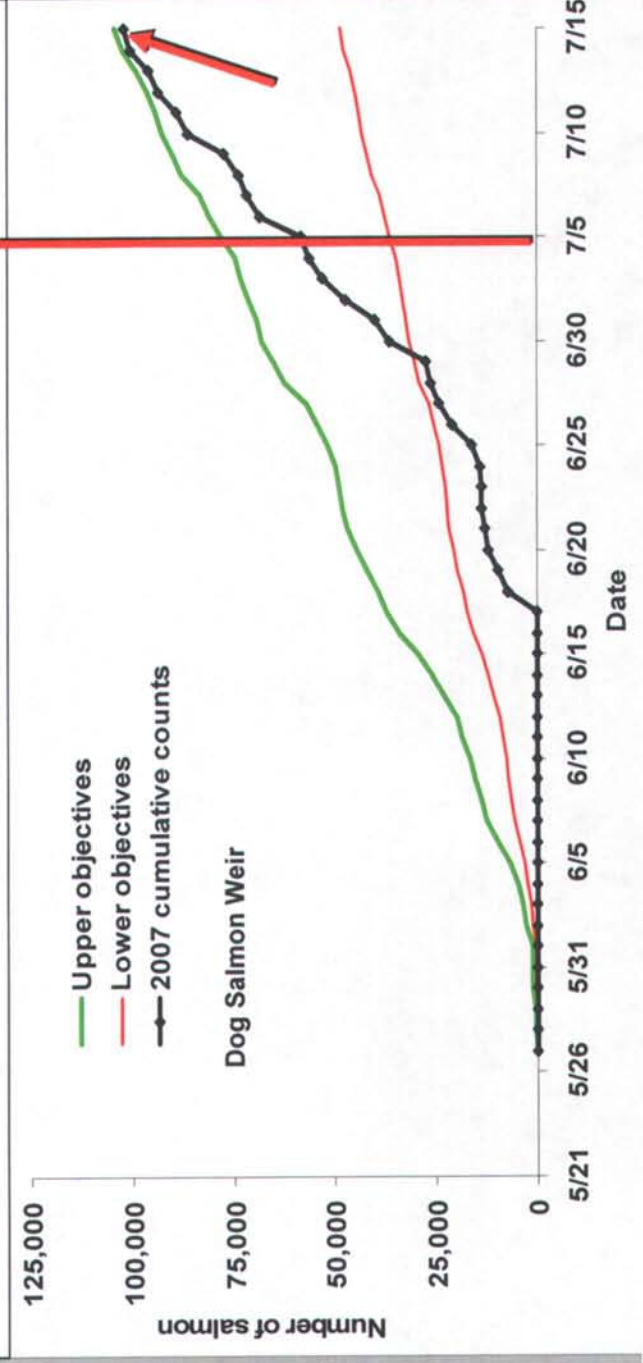
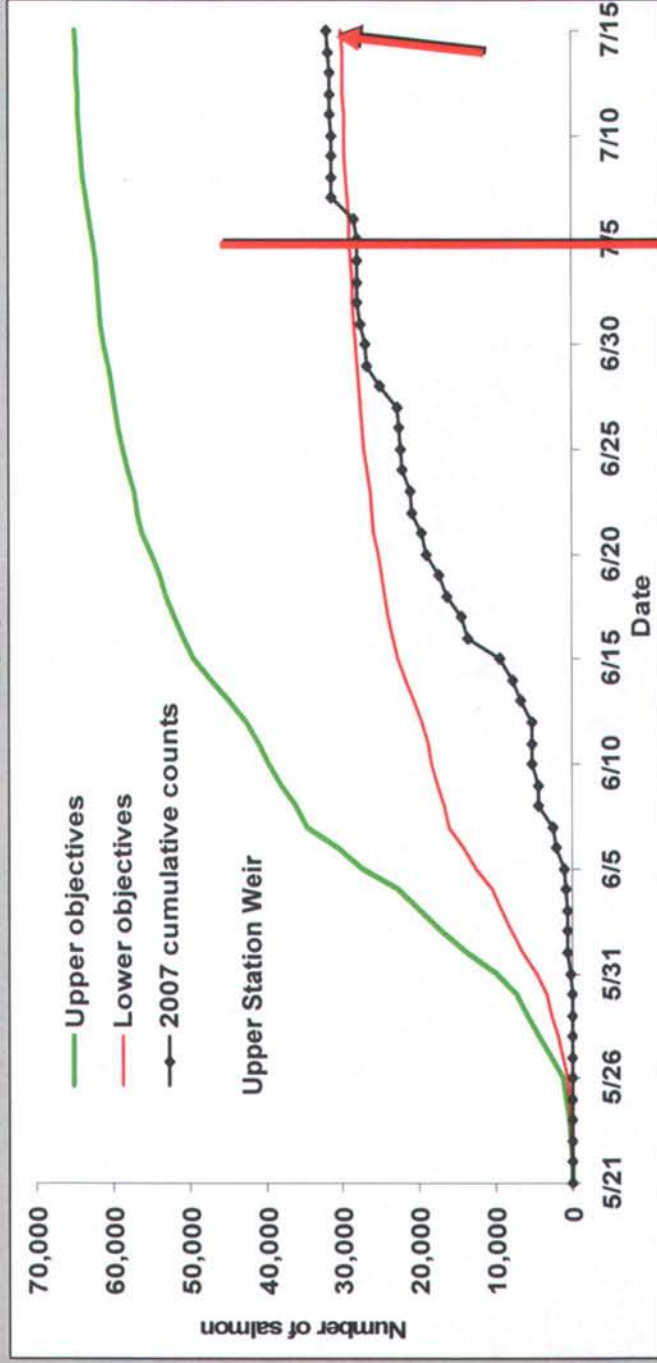
Total = 71,905 sockeye salmon



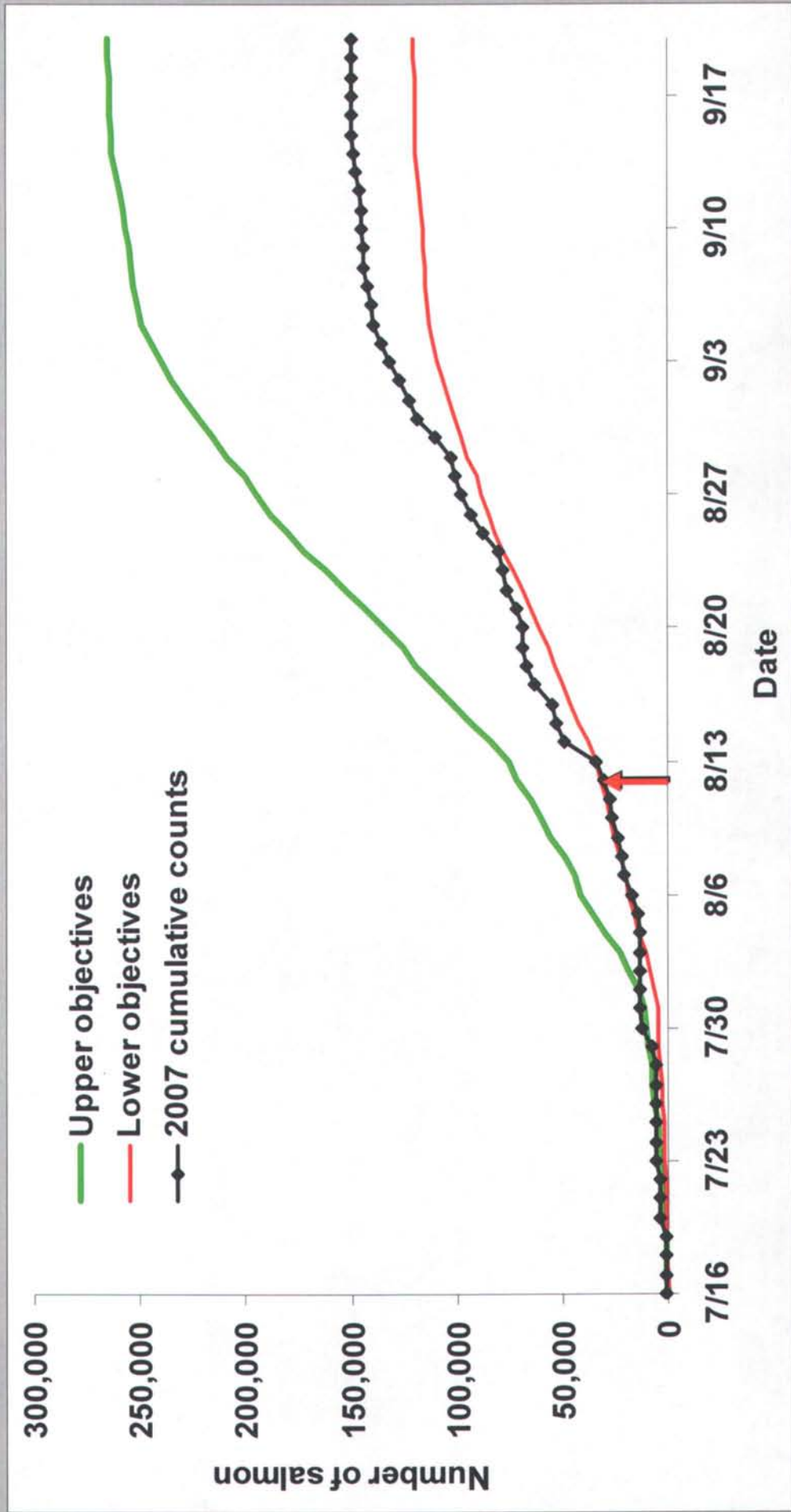
# Alitak District Commercial Sockeye Salmon Fishery, 2007



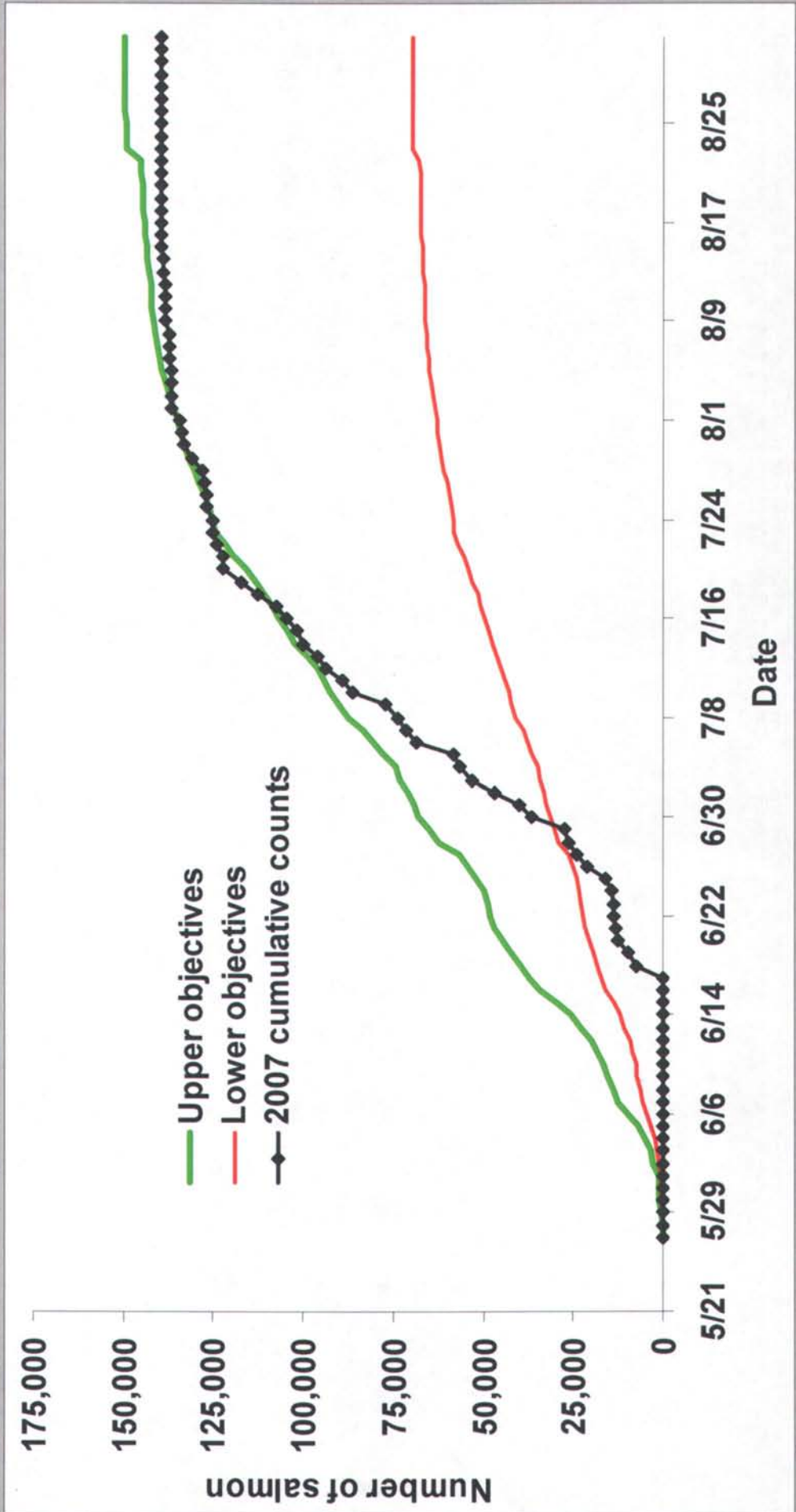
# Alitak District Sockeye Salmon weir counts prior to July 16, 2007



# Upper Station Late-Run Sockeye Salmon Escapement, 2007



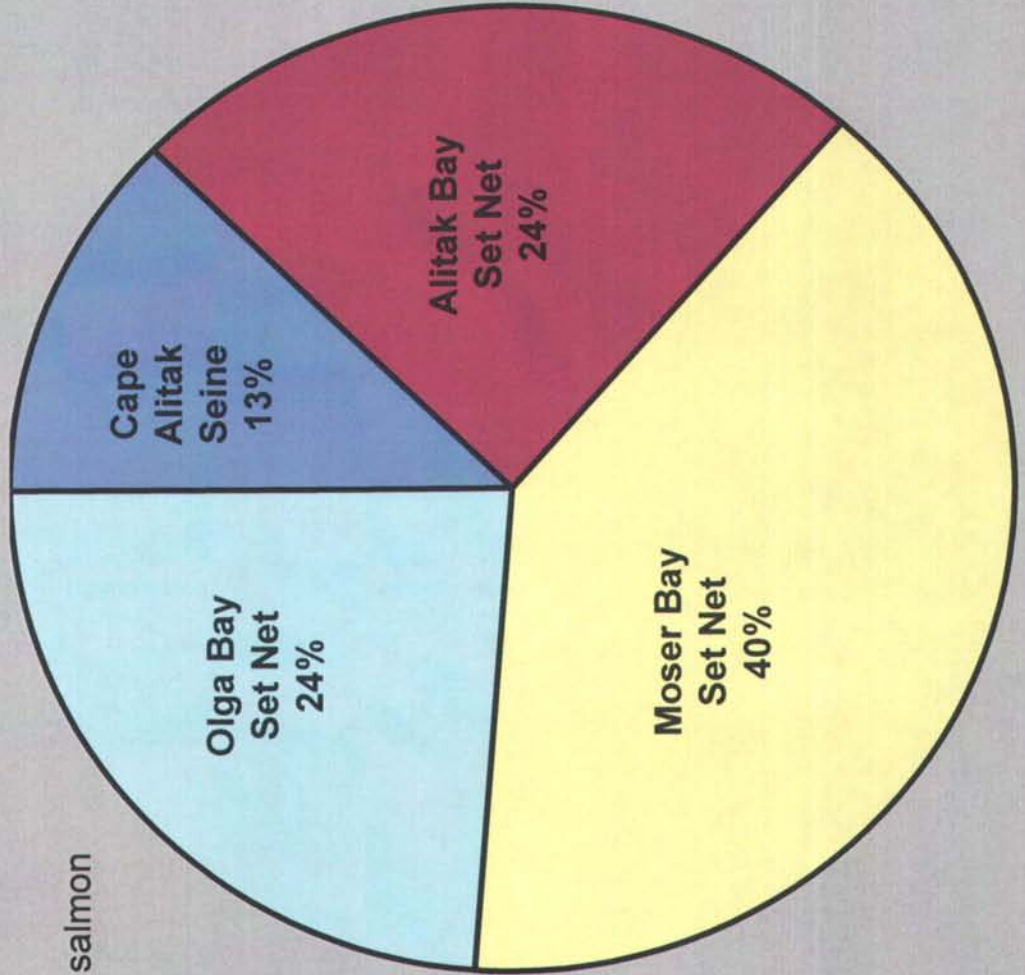
# Dog Salmon Weir Sockeye Salmon Escapement, 2007





# Annual Sockeye Salmon Harvest of the Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay Sections, in Percentage of Total, 2007

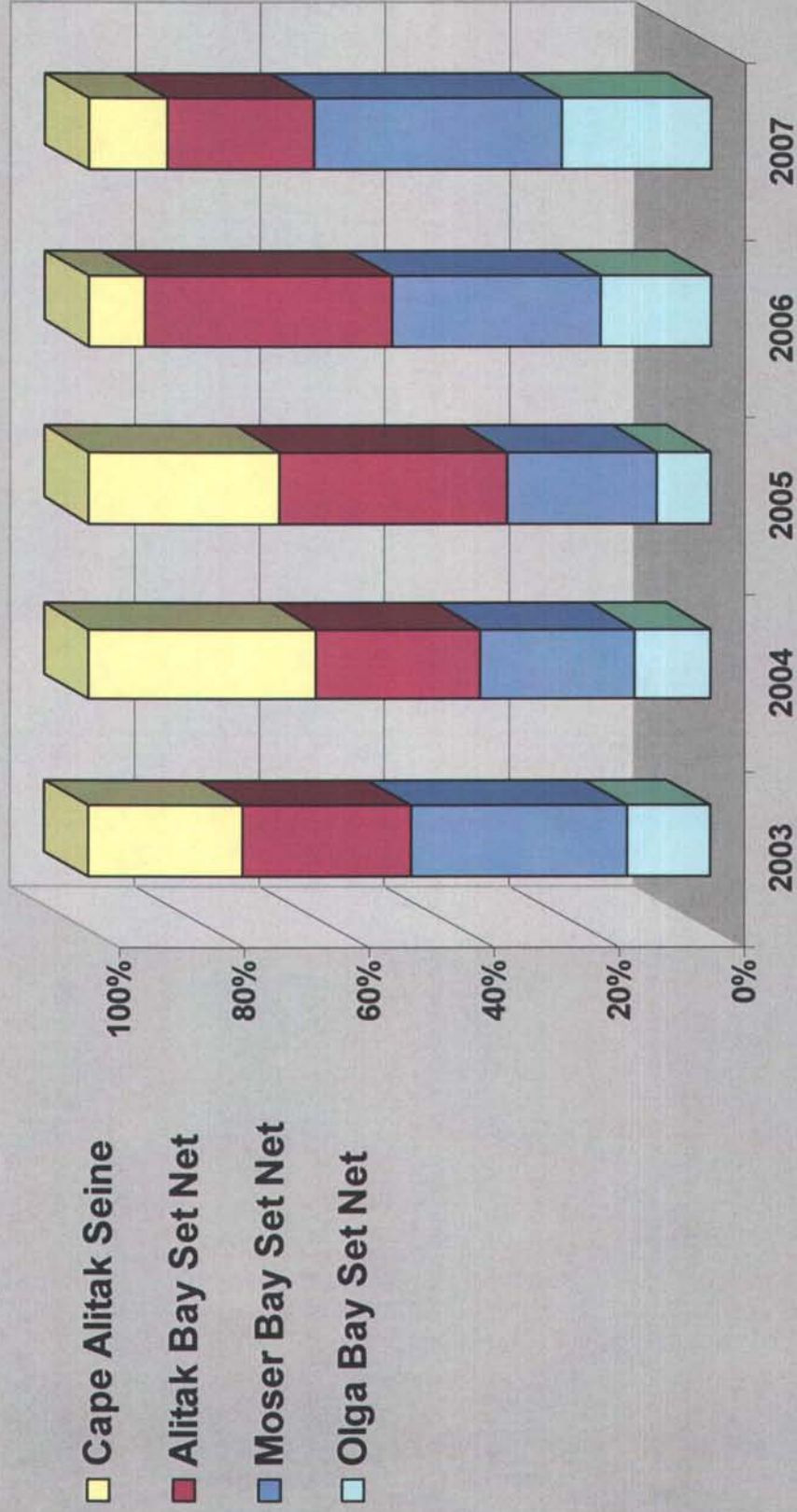
Total = 78,508 sockeye salmon



# Background to Regulatory Proposals



# Annual Percentage of Sockeye Salmon Harvest of the Cape Alitak, Alitak Bay, Moser Bay, and Olga Bay Sections Combined, 2003-2007



## Description of Proposals

- Proposal #56
  - Eliminate staggered openings
  - Retain equal fishing time between sections
  - Shorten minimum closure time
  - Department position: neutral
- Proposal #57
  - Retain staggered openings
  - Vary fishing time to achieve equality in average harvest
  - Change minimum closure time
  - Department position: neutral/opposed

# The End