Cape Igvak,
Mainland District, and
North Shelikof Strait Sockeye
Salmon Management Plans
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Report to the Alaska Board of Fisheries
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Oral: RC 3; Tab 5
Staff Comments: RC 2
Topics to be Covered

The Cape Igvak Salmon MP

The Mainland District Salmon MP

The North Shelikof Sockeye Salmon MP

• Area description and history of the fishery
• Current fishery and harvests
• Fisheries proposals
Cape Igvak Salmon Management Plan

• 1964: Purse seine fishery developed

• 1964–1970: Set weekly fishing periods based on Chignik forecast
  • 1969 - 80% of sockeye salmon harvested originated from the Chignik Management Area (CMA)

• 1971–1973: Fishing periods modified inseason based on perceived run strength

• 1974–1977: “Day for day” equal fishing time with the CMA

• 1978: Cape Igvak Salmon Management Plan adopted by the board
  • Initially 80% of sockeye salmon considered Chignik-bound
  • Changed to 90% in 2002
Cape Igvak Salmon Management Plan

- June 1 through July 25

**Biological and Allocative Criteria**

- Chignik River achieving interim escapement objectives
- 600,000 sockeye salmon harvest through July 25 projected in the CMA
- CMA fishes first
- Fishing disallowed or severely restricted from June 26 through July 8 (overlap period)
Cape Igvak Salmon Management Plan

• Cape Igvak sockeye salmon harvest should be as close as possible to 15% of total Chignik-bound sockeye salmon harvest

• Harvest can fluctuate above or below 15%

• 90% of fish harvested at Cape Igvak are considered Chignik-bound
Chignik-Bound Sockeye Salmon

- 100% of sockeye salmon harvested in CMA
- 90% of the sockeye salmon harvested in the Cape Igvak Section
- 80% of the sockeye salmon harvested in the Southeastern District Mainland of Area M
Cape Igvak Section harvest by species

Number of salmon

Year


Species: Chinook, Sockeye, Coho, Pink, Chum
Percent harvest of Chignik-bound sockeye salmon in the Cape Igvak Section

Year
Percent of Chignik-bound sockeye salmon
Pre-Cape Igvak Management Plan
Cape Igvak Management Plan

15%
12% average since plan inception
Percent harvest of Chignik-bound sockeye salmon in the Cape Igvak Section

Pre-Cape Igvak Management Plan

Cape Igvak Management Plan

Percent harvest of Chignik-bound sockeye salmon

Year

Percent of Chignik-bound sockeye salmon

15% average since plan inception

12%
Percent harvest of Chignik-bound sockeye salmon in the Cape Igvak Section

Pre-Cape Igvak Management Plan

Cape Igvak Management Plan

15%

12% average since plan inception
Percent harvest of Chignik-bound sockeye salmon in the Cape Igvak Section

Pre-Cape Igvak Management Plan

Cape Igvak Management Plan

15%

12% average since plan inception

Year

Percent of Chignik-bound sockeye salmon

Percent harvest of Chignik-bound sockeye salmon in the Cape Igvak Section

Pre-Cape Igvak Management Plan

Cape Igvak Management Plan

15%

12% average since plan inception

Year

Percent of Chignik-bound sockeye salmon


12
Percent harvest of Chignik-bound sockeye salmon in the Cape Igvak Section

Pre-Cape Igvak Management Plan

Cape Igvak Management Plan

15%

12% average since plan inception

Percent of Chignik-bound sockeye salmon
Cape Igvak Participation

Pre-Cape Igvak Management Plan

Cape Igvak Management Plan

Number of permits

Year


59 permit average

10-year average 55 permits
Cape Igvak Fishery Proposals

- **Proposal 58** would change the Cape Igvak Fishery allocation period to July 9–July 25. The Cape Igvak Section would remain closed from June 1–July 8.

- **Proposal 59** would change the definition of “total Chignik sockeye salmon catch” for allocations purposes to only include sockeye salmon harvested in the CMA.

- **Proposal 60** would change the harvest allocation percentage in the Cape Igvak section from 15% of the total Chignik sockeye salmon catch to not exceed 5%.

- **Proposal 61** would change the harvest assurance in Chignik prior to July 9th to 1,000,000 fish. Change the “total Chignik sockeye salmon catch” to include only fish harvested in the CMA. Would not allow a fishery in Cape Igvak until at least 72 hours after the initial CMA fishing period. Finally, the Cape Igvak Section would not be covered by a management plan from July 9–July 25 and remain closed.

- **Proposal 62** Prior to July 9, Cape Igvak Section fisherman would be required to check in and check out of the Cape Igvak Section by contacting department staff.
Mainland District Management Plan

The goal of the management plan is to achieve escapement and harvest objectives for sockeye, pink, coho, and chum salmon returning to streams in the Mainland District.
Mainland District Management Plan

June 1–Oct. 31
Cape Douglas to Kilokak Rocks

- 9 Sections
- 19 Statistical Areas
Mainland District Management Plan

June 1 - July 25 overlap with two other management plans

- **The Cape Igvak Salmon Management Plan**
  June 1-July 25
June 1- July 25 overlap with two other management plans

- **The Cape Igvak Salmon Management Plan**
  - June 1-July 25
- **The North Shelikof Strait Sockeye Salmon Management Plan**
  - July 6-July 25
Mainland District Management Plan

June 1 - July 5
Big River and Outer Kukak Sections

• Open for not more than two 33-hour fishing periods targeting Swikshak and Kaflia Lakes sockeye salmon
Mainland District Management Plan

July 6 - July 25
From Big River Section to Alinchkak Bay Section

- Weekly fishing periods may not exceed 57-hours
- Targeting local and mixed Kodiak pink and chum salmon
Mainland District Management Plan

July 26 – Oct 31
Cape Douglas to Kilokak Rocks

- Local and mixed pink and chum salmon
- Late-run chum salmon
- Coho salmon
Mainland District Salmon Harvests

June 1–July 5
Big River and Outer Kukak Sections

- Open for not more than two 33-hour fishing periods targeting Swikshak and Kaflia Lakes sockeye salmon

Harvests are confidential due to less than three permits fishing.
Mainland District Salmon Harvest

July 6–July 25
From Big River Section to Alinchkak Bay Section

- Weekly fishing periods may not exceed 57-hours
- Targeting local and mixed Kodiak pink and chum salmon
Mainland District Salmon Harvest

July 26–Oct 31
Cape Douglas to Kilokak Rocks

- Local and mixed pink and chum salmon
- Late-run chum salmon
- Coho salmon
Proposals

• **Proposal 63** would create seaward and shoreward zones allowing a maximum of two 12-hour fishing periods per week from *June 1-July 25* in the seaward zone to protect non-local king salmon.

• **Proposal 64** would create seaward and shoreward zones allowing a maximum of two 12-hour fishing periods per week from *June 28-July 25* in the seaward zones to protect non-local sockeye salmon.

• **Proposal 65** would close the Katmai, Alinchak, and Cape Igvak sections from June 28–July 25.
Proposal 65
Restrict the harvest of UCI sockeye.

June 28–July 25
Katmai, Alinchak, Cape Igvak sections

- These sections would remain closed
- Overlaps with Cape Igvak Management Plan
The goal of this plan is to allow traditional fisheries on Kodiak salmon stocks while minimizing the directed harvest on Cook Inlet sockeye salmon by preventing the non-traditional harvest pattern that occurred in 1988.
History of *North Shelikof MP*

- 1988 significant harvest of sockeye salmon
- Harvest occurred in the northern portion of Shelikof Strait (even outside of 3-mile limit)
- Average weight, age composition, and past tagging studies indicated sockeye destined for Cook Inlet
- 1990 board adopts *North Shelikof MP*
North Shelikof MP

July 6 – July 25

- Covers 8 Sections of the North Shelikof Strait.
- Two specific Management Units each with own sockeye salmon harvest limit “trigger”
North Shelikof MP

July 6 – July 25
North Shelikof Management Unit

- Dakavak Bay Section to the Big River Section on the Mainland District
- Shuyak Island and Northwest Afognak Sections of the Afognak District
- Harvest trigger 15,000 sockeye salmon
North Shelikof MP

July 6 – July 25
North Shelikof Management Unit

- Dakavak Bay Section to the Big River Section on the Mainland District
- Shuyak Island and Northwest Afognak Sections of the Afognak District
- Harvest trigger 15,000 sockeye salmon
North Shelikof MP

July 6 – July 25
Southwest Afognak Management Unit

- The Southwest Afognak Section of the Afognak District
- Harvest trigger 50,000 sockeye salmon
North Shelikof MP

July 6 – July 25
Southwest Afognak Management Unit

- The Southwest Afognak Section of the Afognak District
- Harvest trigger 50,000 sockeye salmon
July 6 – July 25
N Shelikof and SW Afognak Units
1985 – 2019

- 1988 over 479,00 sockeye salmon harvested
- Non-traditional harvest of sockeye salmon has not repeated
# Proposals

- **Proposal 63** would create seaward and shoreward zones allowing a maximum of two 12-hour fishing periods per week from June 1–July 25 in the seaward zone to protect non-local king salmon.

- **Proposal 64** would create seaward and shoreward zones allowing a maximum of two 12-hour fishing periods per week from June 28–July 25 in the seaward zones to protect non-local sockeye salmon.

- **Proposal 65** would close the Katmai, Alinchak, and Cape Igyak sections from June 28–July 25.
Proposal 63
Additional protection for Chinook

- Supersedes the current Cape Igvak, Mainland District, and North Shelikof management plans
- Creates seaward zones for the entire the Mainland District
- A maximum of two 12-hour fishing periods per week in seaward zones
Proposal 63
Additional protection for Chinook

June 1 – July 25
Mainland District

- Supersedes the current Cape Igvak, Mainland District, and North Shelikof management plans
- Creates seaward zones for the entire the Mainland District
- A maximum of two 12-hour fishing periods per week in seaward zones
Proposal 64
Protect non-local salmon stocks

June 28 – July 25
Mainland District

- Supersedes the current Cape Igvak, Mainland District, and North Shelikof management plans
- Creates seaward zones for the entire the Mainland District
- A maximum of two 12-hour fishing periods per week in seaward zones
Questions?