

2022 Chignik King Salmon Stock of Concern Draft Action Plan



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Oral: RC 3, Tab 13
Draft Action Plan: RC 5

Synopsis

- King salmon adopted as SOC at October work session.
- Criteria – Failure to meet the BEG 5 of 6 years, despite management action.
- Department tasked with developing an action plan.



Definitions

Stock of Management Concern

“means a concern arising from a chronic inability, despite the use of specific management measures, to maintain escapements for a salmon stock within the bounds of the SEG, BEG, OEG, or other specified management objectives for the fishery.”



Definitions

Chronic Inability

“chronic inability means the continuing or anticipated inability to meet escapement thresholds over a four to five year period, which is approximately the generation time of most salmon species.”



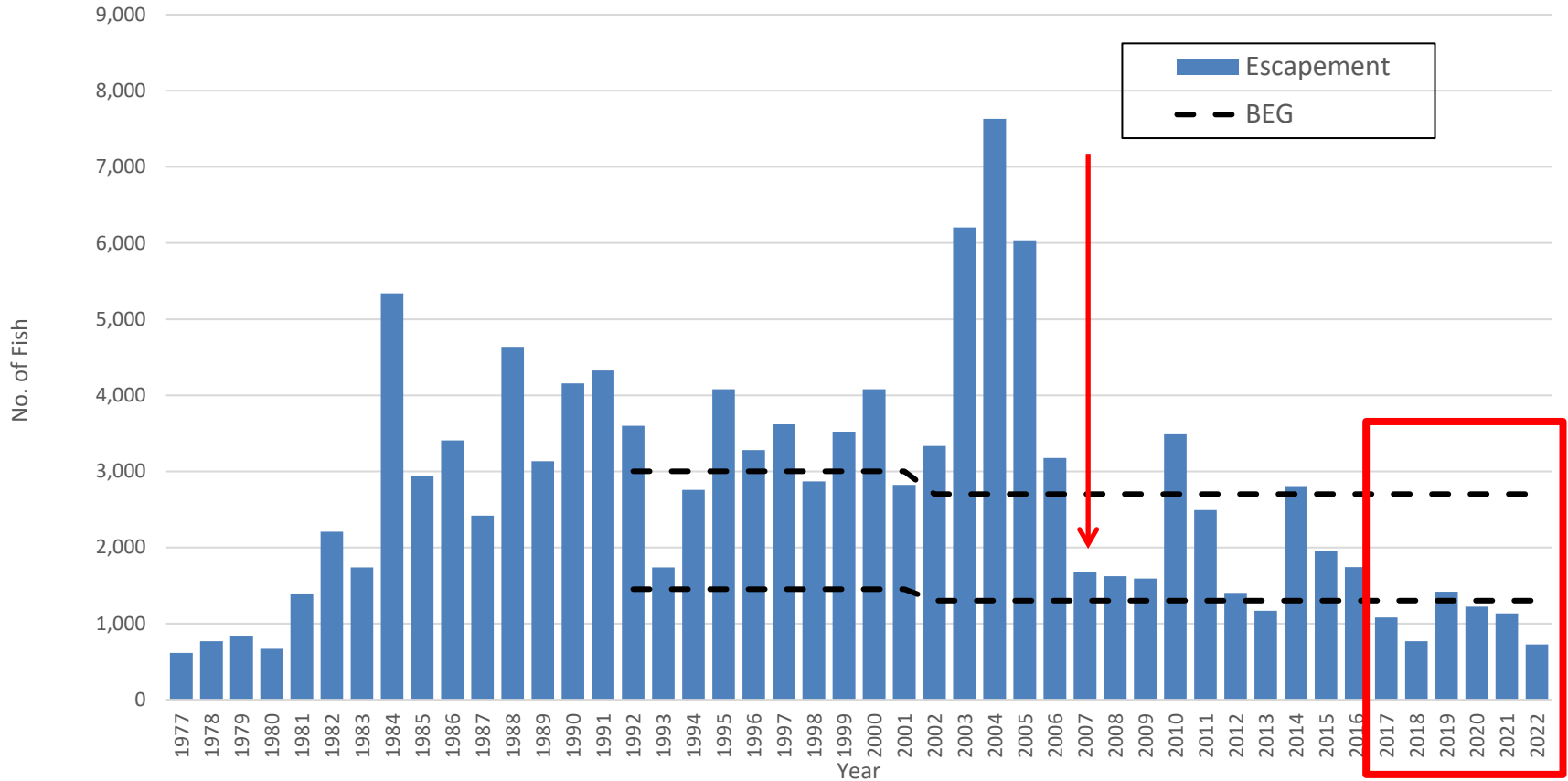
Chignik King Salmon Action Plan

Outline

- Chignik king salmon escapement
- Historical management action
- Harvest
- Options for the board to consider
- Research plan
- Conditions for delisting



King Salmon Escapement



- Downturn in productivity in 2007



Historical Management Actions, 2012–2022

Commercial fishery management actions, 2012–2022

Year	Action	Effective date
2013	Nonretention of king salmon (over 28") in Chignik Bay District	20 July
	Nonretention of king salmon (over 28") in the Central District	21 July
2017	Nonretention of king salmon (over 28") in Chignik Bay District	15 July
	Nonretention of king salmon (over 28") in Central District	2 August
2021	Nonretention of king salmon (over 28") in Chignik Bay District	5 August
2022	Nonretention of king salmon (over 28") in Chignik Bay District	12 Jul

Sport fishery management actions, 2012–2022

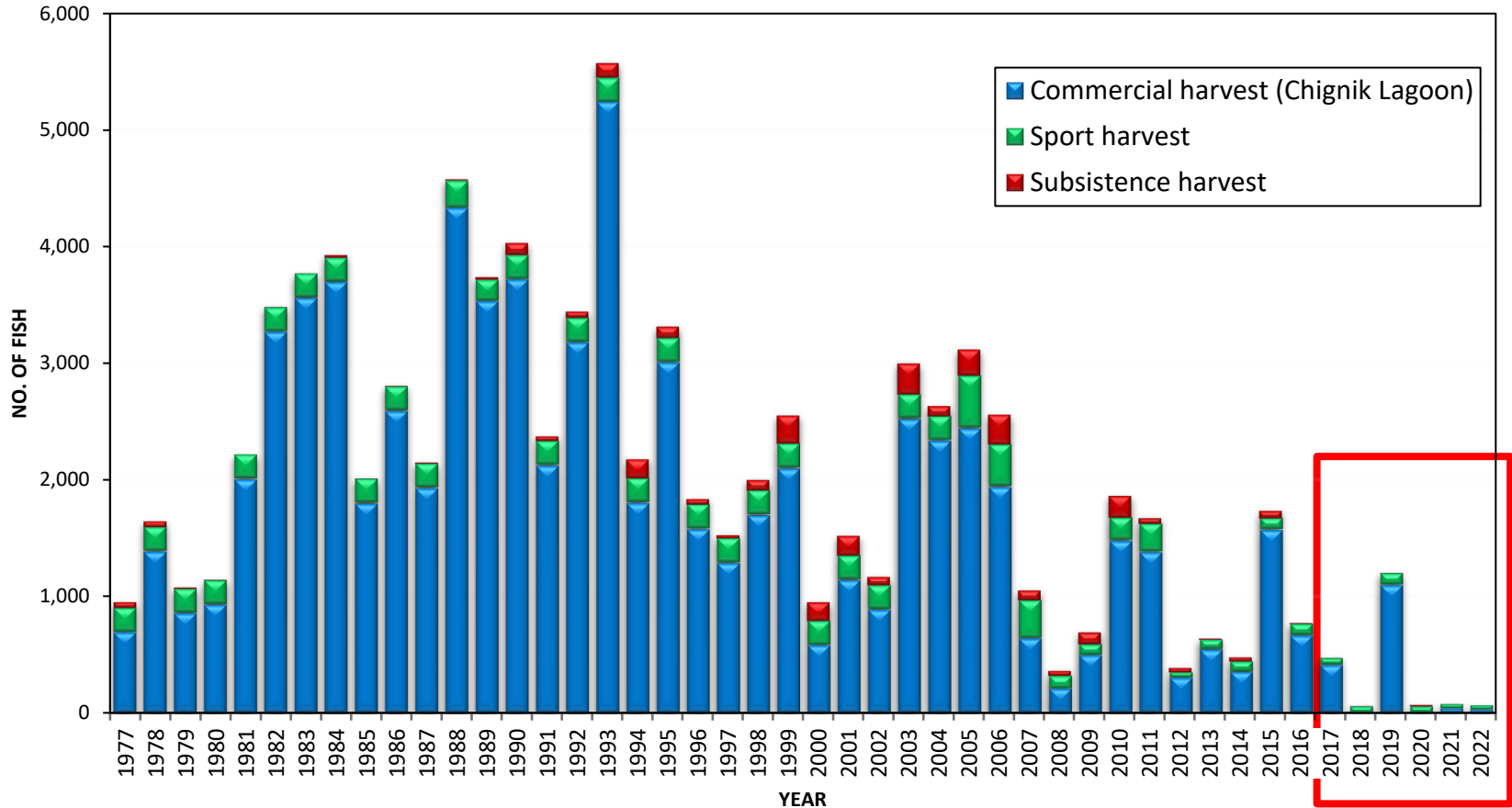
Year	Action	Effective date
2012	Nonretention, bait and treble hooks prohibited	15 July
2013	Nonretention, bait and treble hooks prohibited	20 July
	Closed, bait and treble hooks prohibited	26 July
2017	Nonretention, bait and treble hooks prohibited	14 July
	Closed, bait and treble hooks prohibited	23 July
2018	Closed, bait and treble hooks prohibited	13 July
2020	Closed, bait and treble hooks prohibited	18 July
2021	Closed, bait and treble hooks prohibited	14 July
2022	Closed, bait and treble hooks prohibited	13 July

Subsistence fishery management actions, 2012–2022

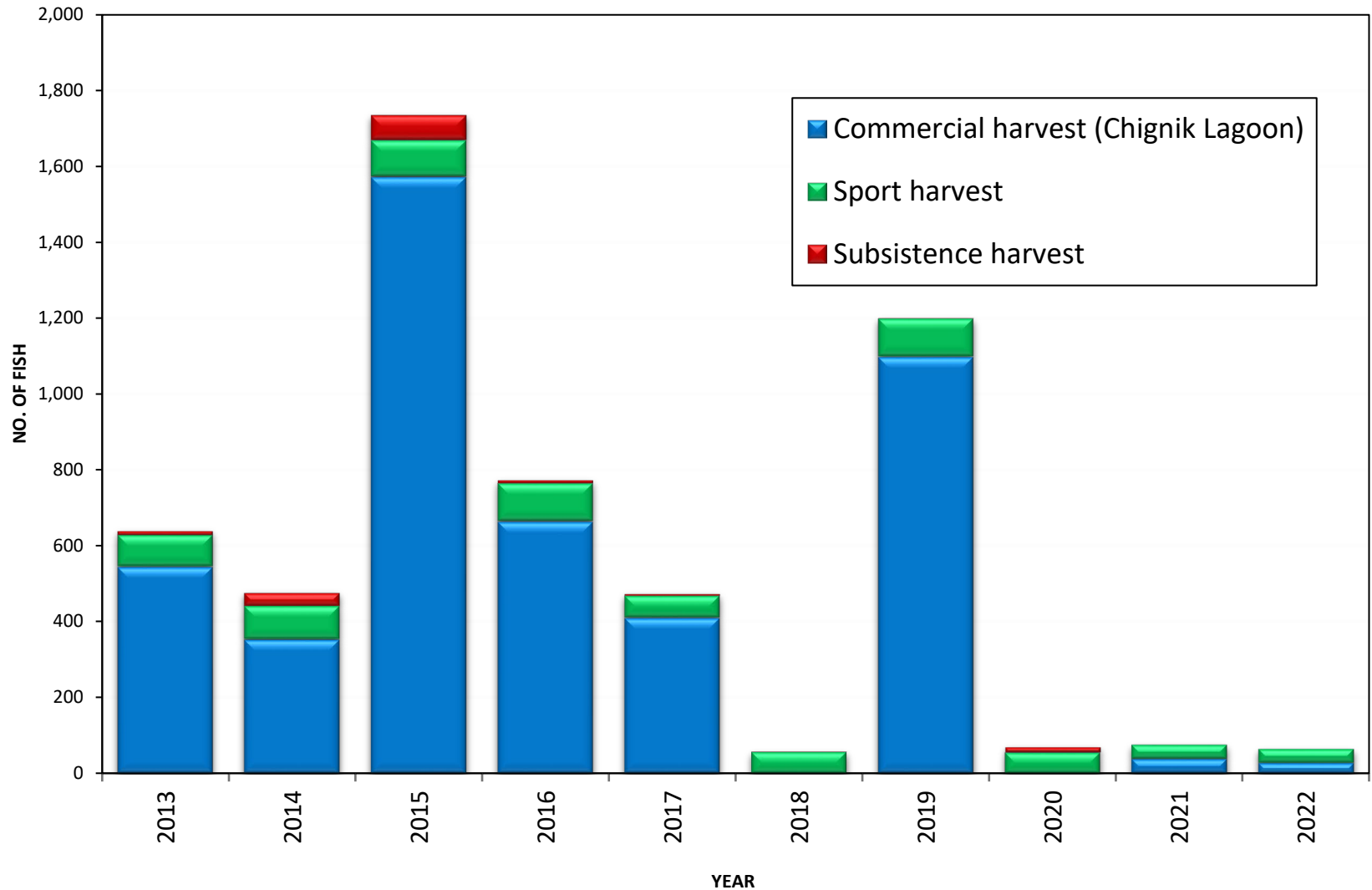
Year	Action	Effective date
2018	Nonretention in the subsistence fishery	12 July
2020	Nonretention in the subsistence fishery	16 July
2021	Nonretention in the subsistence fishery	14 July
2022	Nonretention in the subsistence fishery	11 July




King Salmon Harvest



King Salmon Harvest



Draft Action Plan Development



Fishery/Action #	Summary	Specific Action
Option 1	Summary of action	Specifics
Option 2	Summary of action	Specifics
Option 3	Summary of action	Specifics

- Suite of management options for each fishery
- Increasingly restrictive
- Conditions for delisting



Commercial Fisheries Options

Action Plan Pages 4 - 7

Summary Table of Commercial Fishery Actions (Page 12 of Action Plan)

Fishery/Action #	Summary	Specific Action
CF/#1	Status quo. Maintain current E.O. management to apply nonretention of commercially-caught king salmon 28 inches or greater when the Chignik River king run is determined to be weak.	Continue using EO authority when necessary
CF/#2	Restrict the Chignik Bay and Central Districts, as well as the Castle Cape section of the Western District, to nonretention of king salmon 28 inches or greater until the department determines the BEG of the Chignik River king run will be achieved.	Board action needed.
CF/#3	Restrict the CMA to nonretention of king salmon 28 inches or greater until August 6.	Board action needed.
CF/#4	Limit fishing time in the Chignik Bay, Central, and Western Districts in July.	Board action needed.



Sport Fisheries Options

Action Plan Pages 8 - 11

Summary Table of Sport Fishery Actions (Page 12-13 of Action Plan)

Fishery/Action #	Summary	Specific Action
SF/#1	Status quo. Continue to use EO authority to manage the Chignik River king salmon stock to achieve the escapement goal and rebuild from the recent period of low productivity.	No board action. Use EO authority to restrict the Chignik River king salmon sport fishery with additional restrictions or closures inseason as needed.
SF/#2	Reduce bag, possession, and annual limit.	Board action needed.
SF/#3	Create a nonretention fishery for king salmon and restrict the use of bait and treble hooks.	Board action needed.
SF/#4	Close the king salmon fishery and prohibit bait and treble hooks	Board action needed.



Subsistence Fisheries Options

Summary Table of Subsistence Fishery Actions *(Page 11-12 of Action Plan)*

Fishery/Action #1	Summary	Specific Action
Subsistence #1	Status quo. Maintain current EO management for subsistence harvest.	Continue using EO authority as needed.



Research Plan

- Current weir assessment will continue
- Incorporation of video technology to count king salmon is currently underway.



Conditions for Delisting

Action Plan pages 20 - 21

Delisting — If the lower bound of the BEG range is met or exceeded in three consecutive years or four out of six consecutive years and the department is expecting to meet the goal in future years, the department will recommend removing Chignik River king salmon as a stock of management concern at the first Chignik board meeting after this condition is met.

Management measures could be relaxed in specific areas —

- If updated data indicates areas where restrictions are no longer needed to ensure the escapement goal is met.
- In the event that 2 consecutive years of escapements are near the upper bound or above the BEG range, management restrictions may be relaxed or set aside using EO authority.



Questions

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