

Overview of the Bristol Bay Commercial Salmon Fishery



Report to the Alaska Board of Fisheries

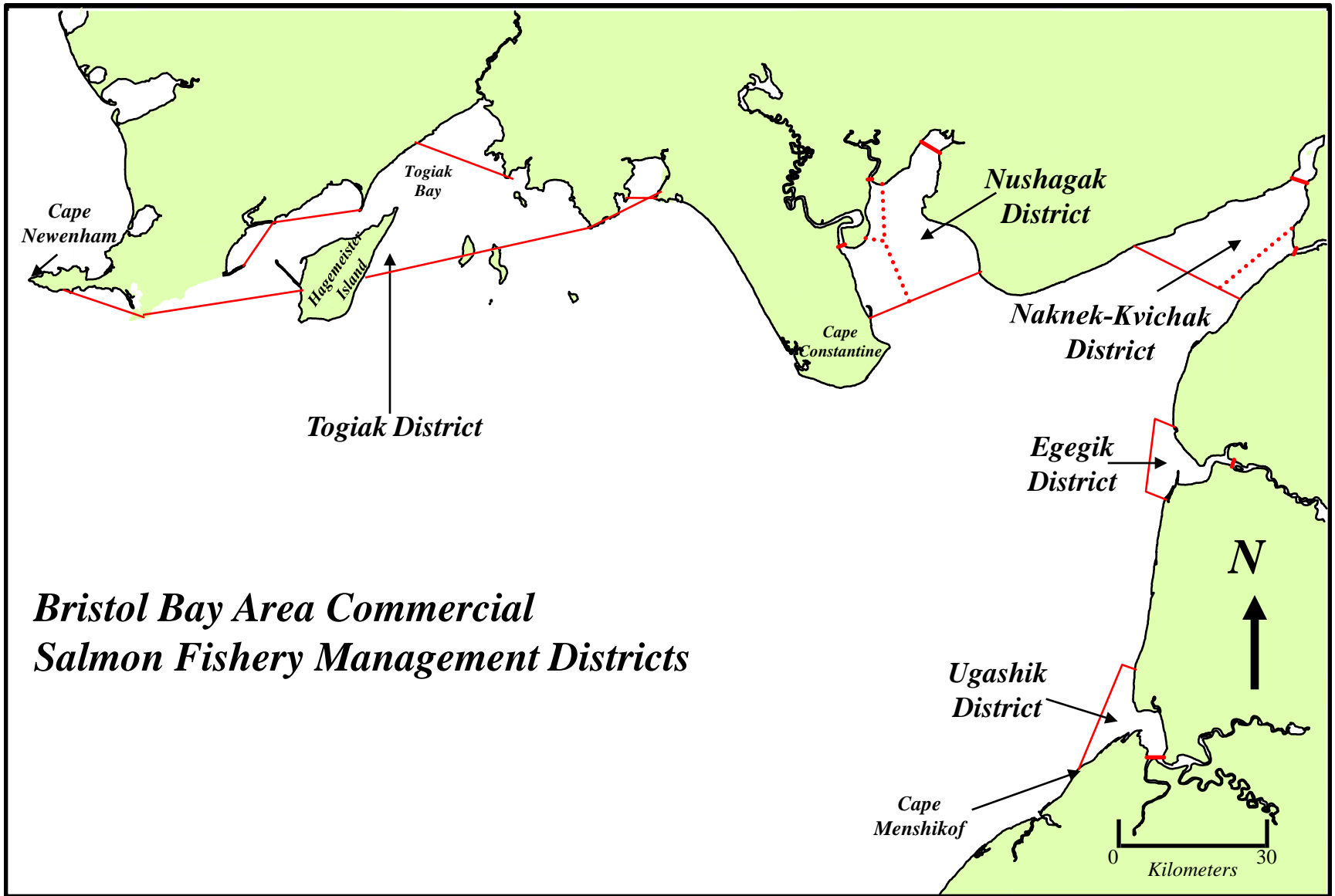
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Written: RC 3 tab 2



Synopsis

- Overview of districts
- Historical information on price and harvest
- Management in Bristol Bay
- Unique aspects of Bristol Bay





Bristol Bay Salmon Fishery

- Sockeye salmon: 95% of annual harvest; 26 million avg. harvest
- Chum salmon: 4% of annual harvest; 1.1 million avg. harvest
- King and coho salmon: <1% annual harvest; 40,000 king and 92,000 coho salmon avg. harvest
- Pink salmon in even years: 460,000 avg. harvest



Sockeye Salmon Trends

Years	Esc. (millions)	Harvest (millions)	\$/lb.	Value (millions)	Registered drift permits
2016- 2018	16.9	39	\$1.17	\$246	1,725
2013- 2015	12.0	27	\$1.08	\$152	1,735
2010- 2012	8.8	24	\$0.98	\$134	1,739
2007- 2009	10.5	29	\$0.66	\$115	1,633
2004- 2006	11.7	26	\$0.54	\$90	1,506
2001- 2003	7.2	13	\$0.45	\$38	1,379

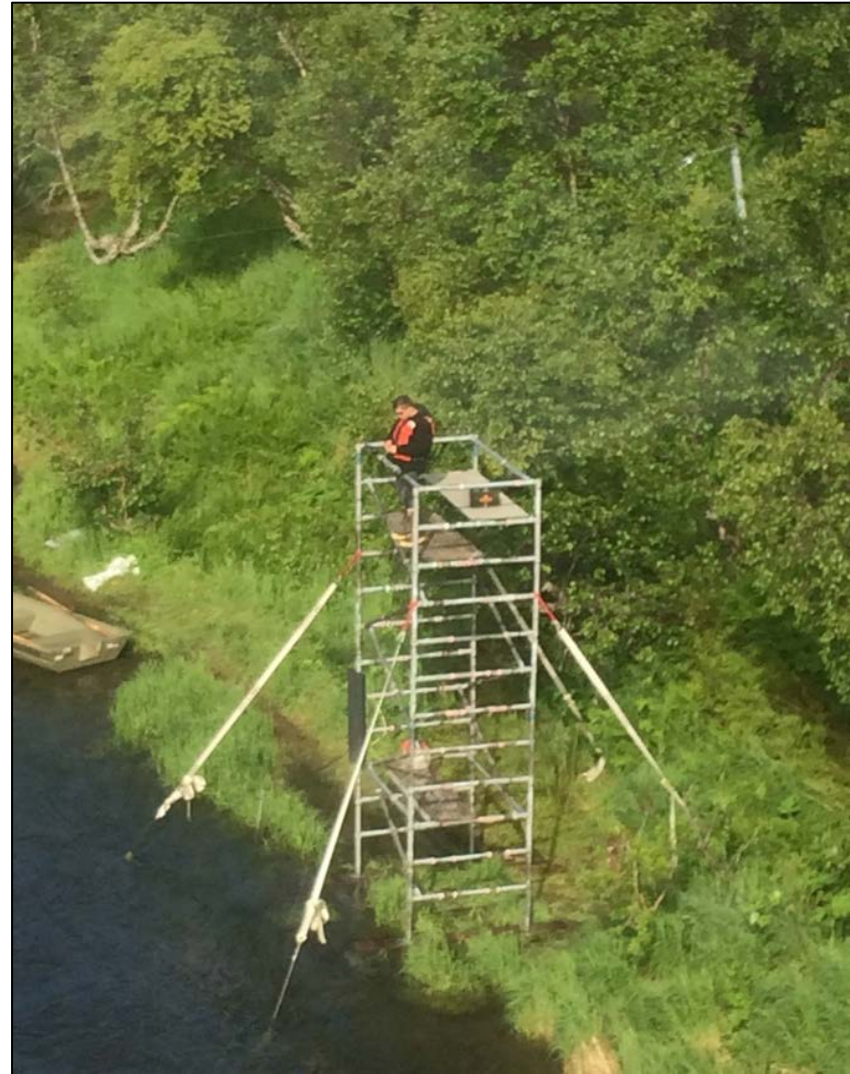
Bristol Bay Regulations

- Drift and set gillnet gear types:
 - Drift: 150 fathoms; additional gear allowed for two drift permits
 - Set: 50 fathoms
- Drift vessels register and 48-hour transfer wait period
- Setnets register in Nushagak District
- 32 foot limit for drift vessels (proposal 30)



Management Objectives

- Escapement Goals
- Harvest surplus fish
- Allocations
- One million fish in 24 hours
- Tide by tide management



Management Tools

- Preseason Forecasts
- Port Moller Test Fishery
- Genetic Stock Analysis
- District Test Fisheries
- Commercial Catch
- Age-sex-length Data
- Inriver Test Fisheries
- Aerial Surveys
- Tower Count Data



Allocation

- Allocation plans for all districts except Togiak
- June 1 to July 17 allocation period
- Separate gear openings and differential timing are main tools for achieving allocations
- Escapement is highest priority
- Naknek, Alagnak, and Wood special harvest areas are separate from district allocation plans

Permit Stacking

- Drift permits only, all districts except Togiak
- Two permit holders must register as dual operation
 - Allowed a total of 200 fathoms of gear (proposals 23-26)
- Dual permits are not allowed when Naknek River Special Harvest Area is in use
- Set net permit stacking was allowed 2010–2012 (proposals 24 and 27)



Special Harvest Areas



Naknek-Kvichak District

Levelock Village

Alagnak River

ARSHA

Kvichak River

Graveyard Point

Kvichak Section

Naknek Section

NRSA

Naknek River

King Salmon





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