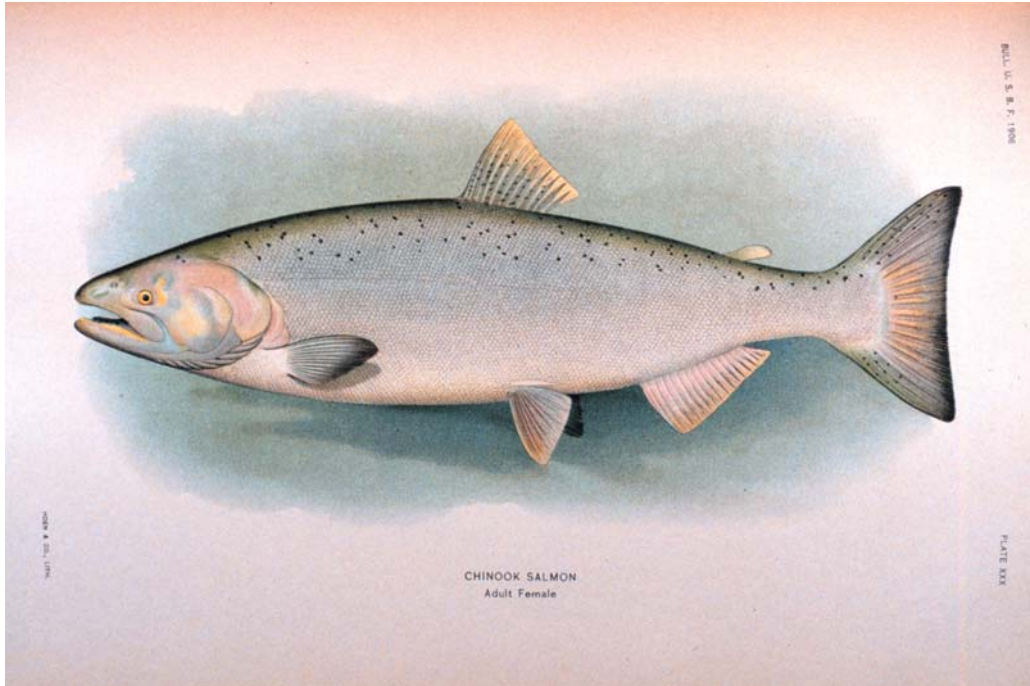


Bering Sea Chinook Salmon Bycatch Management

Volume I Final Environmental Impact Statement



North Pacific Fishery Management Council

United States Department of Commerce
National Oceanic and Atmospheric Administration
National Marine Fisheries Service, Alaska Region



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ACRONYMS & ABBREVIATIONS

%	percent
'	minutes
°	degrees
AAC	Alaska Administrative Code
ABC	acceptable biological catch
ADCCED	Alaska Department of Commerce, Community and Economic Development
ADFG (ADF&G)	Alaska Department of Fish and Game
ADOLWD	Alaska Department of Labor and Workforce Development
AEQ	adult equivalent impacts or adult equivalency
AFA	American Fisheries Act
AFSC	Alaska Fisheries Science Center (of the National Marine Fisheries Service)
AI	Aleutian Islands
AKFIN	Alaska Fisheries Information Network
ALT	Alaska Local Time
AMBCC	Alaska Migratory Bird Co-Management Council
AMEF	Alaska Marine Ecosystem Forum
ANCSA	Alaska Native Claims Settlement Act
ANILCA	Alaska National Interest Lands Conservation Act
AP	North Pacific Fishery Management Council's Advisory Panel
APA	Administrative Procedure Act
APA	At-sea Processors' Association
APICDA	Aleutian Pribilof Island Community Development Association
AS1	Annual Scenario 1
AS2	Annual Scenario 2
AYK	Western Alaska Yukon and Kuskokwim River Systems OR Arctic-Yukon-Kuskokwim
B	biomass
BASIS	Bering-Aleutian Salmon International Survey
BBEDC	Bristol Bay Economic Development Corporation
BCC	Birds of Conservation Concern
BEG	Biological Escapement Goal
BFAL	black-footed albatross
BOF	Alaska Board of Fisheries
BS	Bering Sea
BSAI	Bering Sea and Aleutian Islands
BSIERP	Bering Sea Integrated Ecosystem Research Program
Bx%	biomass that results from a fishing mortality rate of Fx%
BY	brood year
C	celsius or centigrade
C.F.R. / CFR	Code of Federal Regulations
CAS	catch accounting system

CBD	Center for Biological Diversity
CBSFA	Central Bering Sea Fishermen's Association
CCAMLR	Commission for the Conservation of Antarctic Marine Living Resources
CDP	community development plan
CDQ	community development quota
CEQ	council for environmental quality
CEY	constant exploitation yield
CGOA	Central Gulf of Alaska
CI	confidence interval
cm	centimeter(s)
CMCP	catch monitoring and control plan
COBLZ	<i>C. opilio</i> bycatch limitation zone
Council	North Pacific Fishery Management Council
CP	catcher processor
CPUE	catch per unit effort
CRITFC	Columbia River Inter-Tribal Fisheries Commission
CTD	conductivity-temperature-depth
CV	catcher vessel
CVM	contingent value method
CVOA	catcher vessel operational area
CVRF	Coastal Villages Region Fund
CWT	coded wire tag
CZMA	Coastal Zone Management Act
DAH	domestic annual harvest
DAP	domestic annual processed catch
DFO	Canadian Department of Fisheries and Oceans
DPS	distinct population segment
DSR	demersal shelf rockfish
E.	east
EBS	eastern Bering Sea
EEZ	exclusive economic zone
EFH	essential fish habitat
EFP	exempted fishing permit
EIS	environmental impact statement
EPIRB	emergency position indicating radio beacon
ELT	emergency locator beacon
EM	electronic monitoring
EO	Executive Order
ESA	Endangered Species Act
ESU	evolutionary significant units
F	fishing mortality rate
FMP	fishery management plan
FOCI	Fisheries-Oceanography Coordinated Investigations
FRFA	Final Regulatory Flexibility Analysis
ft	foot/feet
FIS	Fisheries Information Services
FIT	Fishery Interaction Team (of AFSC)
$F_x\%$	fishing mortality rate at which the SPR level would be reduced to X% of the SPR level in the absence of fishing

GC	General Counsel (of NOAA)
GDP	Gross domestic product
GHL	guideline harvest level
GOA	Gulf of Alaska
GPS	global positioning system
GSI	genetic stock identification
HAPC	habitat area of particular concern
HAPC	Habitat Areas of Particular Concern
HSCC	High Seas Catchers' Cooperative
IAD	initial administrative determination
ICA	inter-cooperative agreement
IFQ	individual fishing quota
IMEG	interim management escapement goal
IPHC	International Pacific Halibut Commission
IQA	Information Quality Act
IQF	Individually Quick Frozen (fillets)
IR/IU	Improved Retention/Improved Utilization Program
IRFA	Initial Regulatory Flexibility Analysis
ITAC	initial total allowable catch
ITS	incidental take statement
IUCN	World Conservation Union
JTC	Joint Technical Committee
JEA	joint enforcement agreements
kg	kilogram(s)
km	kilometer(s)
LAPP	limited access privilege program
lb	pound(s)
LCFRB	Lower Columbia Fish Recovery Board
LCI	Lower Cook Inlet
LCR	Lower Columbia River
LLP	license limitation program
LKMA	Lower Kuskokwim Management Area
LOA	length overall
LOF	List of Fisheries
LYTF	Lower Yukon Test Fishery
m	meter(s)
M	mothership
M	natural mortality rate
Magnuson-Stevens Act or MSA	Magnuson-Stevens Fishery Conservation and Management Act
MHz	megahertz
MLE	maximum likelihood estimates
mm	millimeter(s)
MMPA	Marine Mammal Protection Act
MMS	Minerals Management Service
MRA	maximum retainable amount
MSC	Marine Stewardship Council
MSE	management strategy evaluations
MSM	multispecies statistical model

MSRA	Magnuson-Stevens Reauthorization Act
MSY	maximum sustainable yield
mt	metric ton(s)
N.	north
NAB	North Aleutian Basin (aka Bristol Bay)
NAK Penin	Northern Alaska Peninsula
NEPA	National Environmental Policy Act
nm	nautical mile
NMFS	National Marine Fisheries Service
NMML	National Marine Mammal Laboratory
NMCSMP	Nushagak-Mulchatna Chinook Salmon Management Plan
NOAA	National Oceanic and Atmospheric Administration
NPAFC	North Pacific Anadromous Fish Commission
NPFMC	North Pacific Fishery Management Council
NPGOP	North Pacific Groundfish Observer Program
NPPSD	North Pacific Pelagic Seabird Database
NPRB	North Pacific Research Board
NPS	National Park Service
NRSHA	Naknek River Special Harvest Area
NSEDC	Norton Sound Economic Development Corporation
NSF	National Science Foundation
NW	northwest
OCC	ocean carrying capacity program
OCS	outer continental shelf
OEG	optimal escapement goal
OFL	overfishing level
OLE	Office of Law Enforcement (of NOAA-NMFS)
OMB	Office of Management and Budget (of NOAA-NMFS)
OSP	optimal sustainable population
OSM	Office of Surface Mining, Reclamation and Enforcement, Department of the Interior
OSU	Oregon State University
OTF	ADF&G offshore test fishery
OY	optimum yield
P	offshore catcher processor
PBR	potential biological removals
PCC	Pollock Conservation Cooperative
pdf	probability density function
PFMC	Pacific Fishery Management Council
PNW	Pacific Northwest
POP	Pacific ocean perch
PPA	Preliminary Preferred Alternative
ppm	part(s) per million
ppt	part(s) per thousand
PRD	Protected Resources Division (of the National Marine Fisheries Service)
PSC	prohibited species catch
PSD	Prohibited Species Donation Program
PSEIS	Preliminary Supplemental Environmental Impact Statement
R/S	returning adults per spawner

REFM	Resource Ecology and Fisheries Management Division, Alaska Fisheries Science Center, National Marine Fisheries Service
RFA	Regulatory Flexibility Analysis
RIR	Regulatory Impact Review
RM	river mile
RO	regional office
RSW	Recirculating Seawater
S	shoreside (inshore catcher vessel)
S.	south
SAFE	Stock Assessment and Fishery Evaluation
SAR	stock assessment report
SBW	Salmon Bycatch Workgroup
SCS	Scientific Certification Systems, Inc
SE	southeast
SEG	sustainable escapement goal
SET	sustained escapement threshold
SSA	salmon savings area
SSC	Scientific and Statistical Committee
SSFP	Sustainable Salmon Fisheries Policy
STAL	short-tailed albatross
TAC	total allowable catch
TBR	transboundary river systems
TINRO	Pacific Scientific Research Fisheries Centre, North Pacific Anadromous Fish Commission
USDA Forest Service	U.S. Dept of Agriculture Forest Service
U.S.	United States
USC (U.S.C.)	United States Code
UCI	Upper Cook Inlet
UKMA	Upper Kuskokwim Management Area
USCG	United States Coast Guard
USFWS	United States Fish and Wildlife Service
USSR	United Soviet Socialist Republics
UWR	Upper Willamette River
VMS	vessel monitoring system
VRHS	voluntary rolling hotspot system
W.	west
W/LC TRT	Willamette/Lower Columbia Technical Recovery Team
WAK	western Alaska
WDF	Washington Department of Fisheries
YDFDA	Yukon Delta Fisheries Development Association
YRA	Yukon River Agreement
YRJTC	Yukon River Joint Technical Committee (OR U.S./Canada Joint Technical Committee)

