



14<sup>th</sup> March 2016

**Alaska Responsible Fisheries Management Certification Program  
Announcement of Re-Assessment of Alaska Salmon Commercial Fisheries  
(2016)**

This notice is to announce the commencement of the 1<sup>st</sup> re-assessment of the *Alaska Salmon Commercial Fisheries to the Alaska Responsible Fisheries Management (RFM) Certification Program on behalf of Alaska Fisheries Development Foundation (AFDF)*. This announcement also includes details about the Re-assessment team and dates for the initial site visit.

The fishery was certified March 2011 against the Alaska Responsible Fisheries Management Program. As per Program procedures, the fishery will now undergo a complete re-assessment to coincide the 5<sup>th</sup> year anniversary of original certification.

The Standard is available at; <http://certification.alaskaseafood.org/version13>.

Enquiries to:

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The proposed Units of Assessment within the Unit of Certification are listed:

<b>*Unit of Certification</b>				
<b>Alaska Pacific Salmon</b>				
	<b>Fish Species (Common &amp; Scientific Name)</b>	<b>Geographical Location of Fishery</b>	<b>Gear Type</b>	<b>Principal Management Authority</b>
1.	King/Chinook ( <i>Oncorhynchus tshawytscha</i> ) Sockeye/Red ( <i>Oncorhynchus nerka</i> ) Coho/Silver ( <i>Oncorhynchus kisutch</i> ) Pink/Humpback ( <i>Oncorhynchus gorbuscha</i> ) Keta/Chum ( <i>Oncorhynchus keta</i> )	ADFG Admin Region 1: Southeast & Yakutat	Troll, Purse Seine, Drift Gillnet, Set Gillnet	Alaska Department of Fish and Game (ADFG)
2.	King/Chinook ( <i>Oncorhynchus tshawytscha</i> ) Sockeye/Red ( <i>Oncorhynchus nerka</i> ) Coho/Silver ( <i>Oncorhynchus kisutch</i> ) Pink/Humpback ( <i>Oncorhynchus gorbuscha</i> ) Keta/Chum ( <i>Oncorhynchus keta</i> )	ADFG Admin Region 2: Central	Purse Seine, Drift Gillnet, Set Gillnet	Alaska Department of Fish and Game (ADFG)
3.	King/Chinook ( <i>Oncorhynchus tshawytscha</i> ) Sockeye/Red ( <i>Oncorhynchus nerka</i> ) Coho/Silver ( <i>Oncorhynchus kisutch</i> ) Pink/Humpback ( <i>Oncorhynchus gorbuscha</i> ) Keta/Chum ( <i>Oncorhynchus keta</i> )	ADFG Admin Region 3: Arctic-Yukon-Kuskokwim	Drift Gillnet, Set Gillnet Fish wheel.	Alaska Department of Fish and Game (ADFG)
4.	King/Chinook ( <i>Oncorhynchus tshawytscha</i> ) Sockeye/Red ( <i>Oncorhynchus nerka</i> ) Coho/Silver ( <i>Oncorhynchus kisutch</i> ) Pink/Humpback ( <i>Oncorhynchus gorbuscha</i> ) Keta/Chum ( <i>Oncorhynchus keta</i> )	ADFG Admin Region 4: Kodiak, Chignik, Alaska Peninsula, Aleutian Islands	Purse Seine, Drift Gillnet, Set Gillnet	Alaska Department of Fish and Game (ADFG)

**Scope Extension** - Client fishery also advises that an extension of scope will be required for region 4 to include Kodiak beach seine net and an up-date to region 3 'Yukon net' salmon fishery which allows ADF&G to specify either beach seine or dip net.

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#### **Notice of Re-assessment Team**

Based on the technical expertise required to carry out the above fishery assessment, Global Trust Certification Ltd., is pleased to confirm the Surveillance assessment team members for the fishery as follows.

**The re-assessment will be undertaken by the following assessors:**

#### **Dr. Ivan Mateo, Lead Assessor**

Dr. Ivan Mateo has over 15 years' experience working with natural resources population dynamic modeling. His specialization is in fish and crustacean population dynamics, stock assessment, evaluation of management strategies for exploited populations, bioenergetics, ecosystem-based assessment, and ecological statistical analysis. Dr. Mateo received a Ph.D. in Environmental Sciences with Fisheries specialization from the University of Rhode Island. He has studied population dynamics of economically important species as well as candidate species for endangered species listing from many different regions of the world such as the Caribbean, the Northeast US Coast, Gulf of California and Alaska. He has done research with NMFS Northeast Fisheries Science Center Ecosystem Based Fishery Management on bio-energetic modeling for Atlantic cod. He also has been working as environmental consultant in the Caribbean doing field work and looking at the effects of industrialization on essential fish habitats and for the Environmental Defence Fund developing population dynamics models for data poor stocks in the Gulf of California. Recently Dr. Mateo worked as National Research Council postdoc research associate at the NOAA National Marine Fisheries Services Ted Stevens Marine Research Institute on population dynamic modeling of Alaska sablefish.

#### **Brian Allee, Ph.D. (Assessor)**

Dr. Brian Allee attended the University of California Berkeley majoring in zoology. He received his Ph.D. from the University of Washington in fisheries. Dr. Allee has worked extensively with salmonid fish specializing in salmon research, restoration and enhancement of salmon and steelhead in freshwater, estuarine, and marine ecosystems in Alaska, Washington and Oregon. After working in Washington and Oregon as a fisheries biologist, he first came to Alaska in 1982 and worked for



Prince William Sound Aquaculture Association as operations manager and later as president. He subsequently served as Director of the Fisheries Rehabilitation and Enhancement, Development Division (FRED) of the Alaska Department of Fish and Game. His responsibilities included the statewide public hatchery program, the private non-profit permitting and planning program, and oversaw the genetic, pathology, limnology, and coded wire tagging laboratories, fisheries engineering and regional and area FRED staff. While serving as Director he was appointed by the Governor to the Alaska Science and Engineering Commission and the Alaska Science and Technology Foundation. Dr. Allee returned to Alaska in 2003 to be the Alaska Sea Grant Director at the University of Alaska Fairbanks where he was active in funding fisheries research, education and extension for coastal Alaska. He more recently worked for the National Marine Fisheries Service in Portland on Mitchel Act hatchery funding in the Columbia River and participated on hatchery reform efforts. In addition, he was past President of the Fish Culture Section of the American Fisheries Society and a member of the Scientific and Statistical Committee of the Pacific Fisheries Management Council. During Dr. Allee's 44 year career as a fisheries scientist and administrator he had broad management experience at the policy and technical level, supervising large and small organizations in public (state, federal and tribal), private and private non-profit sectors.

#### **Scott Marshall (Assessor)**

Scott studied at Fisheries Science Oregon State University, M.S. Fisheries Science University of Washington 1974 - 1980 Fisheries Scientist and Project Leader at the Fisheries Research Institute, University of Washington.

Scott's primary emphasis was on researching sockeye salmon productivity in the Chignik Lakes, Alaska, on determining the origins of Chinook salmon harvested by foreign vessels operating in the the North Pacific Ocean, and on the population dynamics of sockeye salmon in the Lake Washington watershed of Washington. 1980 - 2001. Alaska Dept. Fish and Game: He served in three primary capacities, Research Project Leader, Principal Fishery Scientist for Pacific Salmon Commission Affairs and Regional Supervisor. As a Project Leader he lead research teams in the study of population structure and dynamics of the state's Pacific Salmon and Pacific herring stocks. As a Principal Scientist he served as a Co-Chairman or as Alaska's senior representative on several international technical teams established by the the Pacific Salmon Treaty (e.g Chinook Salmon, Transboundary Rivers, Canadian/Alaska Boundary Area Fisheries, Interceptions Accounting Committee, Data Sharing Committee, Editorial board). Scott served on Scientific and Statistical Committee of the North Pacific Management Council. As the Division of Commercial Fisheries Regional Supervisor for Southeast Alaska, he represented the Department at Alaska Board of Fisheries meetings, reviewed and/or critiqued numerous regulatory proposals for the fisheries of Southeast Alaska. He oversaw the daily research and management of the Southeast Region's commercial, personal use and subsistence



fisheries. Scott served as Co-Chairman of the Transboundary Rivers Panel of the Pacific Salmon Commission. Idaho Department of Fish and Game he served as the Fisheries Bureau's Staff Biologist for Endangered Species Act Affairs. This included developing Biological Assessments, Applications for ESA Section 7 & 10 permits, and writing reports for incidental take of endangered Pacific salmon that occurred during the conduct of research activities, recreational fisheries and hatchery operations.

He also served as the Department's representative on the Habitat Committee of the Pacific Fishery Management Council. 2005 - 2013 U.S Fish and Wildlife . Scott was a Fisheries Administrator in charge of the Lower Snake River Compensation Plan ( a hatchery mitigation program to compensate for construction and operation of four hydroelectric dams on the Lower Snake River in Washington Oregon and Idaho). Scott developed, presented and negotiated budgets for the program to the Bonneville Power Administration (roughly \$30 million annually). He reviewed and negotiated annual budgets, contracts, annual spending and scientific reports developed by our fish and wildlife agency cooperators who implemented the program (3 state, 3 tribal agencies and several U.S Fish and Wildlife Service field offices). Scott developed a series of three Programmatic Reviews (one for each of the primary species raised in our hatcheries) as required by the Northwest Power Planning Council's implementation legislation.

### **Marc Johnson PhD (Assessor)**

Marc's studied at Oregon Department of Fish and Wildlife Corvallis Research Laboratory, Oregon State University Department of Fisheries and Wildlife. Scott gained a PhD in Fisheries Science Oregon State University Corvallis, Oregon Completed June of 2009 MSc in Ecology University of Brasilia Brasilia, Federal District (Brazil) Completed June of 1999. BSc in Zoology Oregon State University Corvallis, Oregon Completed June of 1996

Experience in fisheries science includes; Oregon Department of Fish and Wildlife (Period: 2/2010 – present) Location: Corvallis, Oregon Position: Technical Analyst Research with an objective of Developing research and provide technical advice for studies of spring Chinook salmon (*Oncorhynchus tshawytscha*) and winter steelhead (*O. mykiss*) in support of the 2008 (NMFS) Willamette Valley Project Biological Opinion Cooperative Institute for Marine Resources Studies (Period: 7/2009 – 8/2009) Location: Newport, Oregon / Seattle, Washington Position: Academic Wage Researcher Research Objective: Design and use novel qPCR assays to investigate the influence of acclimation site exposure on olfactory receptor gene expression in juvenile spring Chinook salmon.



Oregon State University (Period: 9/2003 – 6/2009) Location: Newport, Oregon Position: Doctoral Student and Graduate Research Assistant Research Objective: Use existing and develop new genetic markers to investigate the genetic structure of Oregon coastal coho salmon (*O. kisutch*); infer demographic and evolutionary processes. Marc has a number of publication in this field including:

Sard, N. M., K. G. O'Malley, D. P. Jacobson, M. J. Hogansen, M. A. Johnson and M. A. Banks (2015) Factors influencing spawner success in a spring Chinook salmon (*Oncorhynchus tshawytscha*) reintroduction program. Canadian Journal of Fisheries and Aquatic Sciences Van Doornik,

D. M., M. A. Hess, M. A. Johnson, D. J. Teel, T.A. Friesen and J. M. Myers (2015) Genetic population structure of Willamette River steelhead and the influence of introduced stocks. Transactions of the American Fisheries Society 144(1): 150-162

Johnson M. A. and T.A. Friesen. (2014) Genetic diversity and population structure of Chinook salmon from the upper Willamette River, Oregon. North American Journal of Fisheries Management 34:853-862

Johnson M. A. and T.A. Friesen. (2013) Age at maturity, fork length and sex ratio of upper Willamette River hatchery spring Chinook salmon. North American Journal of Fisheries Management 33:318-328

Johnson M. A. and M. A. Banks (2011). Sequence conservation among orthologous vomeronasal type 1 receptor-like (*ora*) genes does not support the differential tuning hypothesis in Salmonidae. Gene 485(1):16-21.

Johnson, M. A. and M A. Banks, (2009) Interlocus variance of *Fst* provides evidence for selection over an olfactory receptor gene in coho salmon (*Oncorhynchus kisutch*) populations. Marine Genomics 2:127-131



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**Announcement of Site Visit**

This notice is to announce the dates of the site visit for the re-assessment of *Alaska Salmon Commercial Fisheries to the Alaska Responsible Fisheries Management (RFM) Certification Program on behalf of Alaska Fisheries Development Foundation (AFDF)*.

***The re-assessment will be in accordance with Alaska RFM Standard version 1.3 available at:***

The Standard is available at; <http://certification.alaskaseafood.org/version13>.

The site visit by the assessment team will take place at various locations in Alaska commencing on the **11<sup>th</sup> April 2016**.

A further announcement with specific dates will be published nearer to the date.

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