



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Alaska Fisheries Science Center
7600 Sand Point Way N.E.
Seattle, Washington 98115-6349

November 23, 2018

North Pacific Fishery Management Council
Mr. Simon Kinneen, Chair

NPFMC Bering Sea Plan Team
Dr. Grant Thompson, Co-Chair
605 West 4th, Suite 306
Anchorage, AK 99501-2252

Dear Mr. Hull and Dr. Thompson:

The Alaska Fisheries Science Center (AFSC) fully supports and endorses the nomination of Mr. Andrew Kingham to the Bering Sea Aleutian Islands Groundfish Plan Team of the North Pacific Fisheries Management Council.

Mr. Kingham brings an in-depth knowledge of the data collections administered by the AFSC's Fishery Monitoring and Analysis Division, including those of the North Pacific Observer Program and emerging Electronic Monitoring programs. Mr. Kingham not only has first-hand experience as a fishery observer, but also has specialized experience in the quality assurance/quality control systems, database services, and data products of the Division.

With this experience, Mr. Kingham will assist the BSAI Plan Team and Council in providing effective science-based management of Alaska's marine resources for the benefit of our stakeholders and the nation.

Sincerely,

Jeremy Rusin

A handwritten signature in black ink, appearing to read "JR2", with a horizontal line extending to the right.

Deputy Director for Science and Research
Alaska Fisheries Science Center



Andrew Kingham

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Summary of Qualifications

B.S. in Fisheries. 8 years of experience managing, analyzing, and structuring North Pacific fishery-dependent data and building associated information systems. 13 years of combined experience in fisheries biology including complex data analytics, freshwater salmonid research, and North Pacific Groundfish Observing. 7 years combined experience in environmental restoration and landscape construction/design. Fluent in R, ARC-GIS, SQL and PL/SQL, Oracle APEX, Oracle Forms and Reports, InfoMaker, LINUX, MS Office. Field research experience includes electrofishing, snorkel surveys, radio-telemetry, PIT-tagging, habitat assessment, and random sampling. Level 2 lead observer certified in the North Pacific groundfish and the Pacific hake fisheries with nearly 500 total sea-days. Marine fish, salmonid, and freshwater fish ID. Strongly connected with AK fisheries management strategies and issues through the North Pacific Observer Program.

Education

B.S. in Aquatic and Fisheries Sciences, focus area Freshwater Aquatic Ecology; 2005, Seattle, WA

University of Washington

A.A.S. in Environmental Studies, 2003, Seattle, WA

Shoreline Community College

Relevant Work Experience

Research Fishery Analyst, 2017-Present, Seattle, WA

NOAA-NMFS, Alaska Fisheries Science Center, Fisheries Monitoring and Analysis Division

- Designed, developed, and adapted analytics for fisheries-dependent data using data management software.
- Analyzed and reported on an array of divisional data types including observer logistics, debriefing metrics, training metrics, and fisheries catch and species composition information.
- Provided clear, concise recommendations to divisional management based on these analyses.
- Wrote professional proposals and RFP grant requests.

Fisheries Biologist, 2010-2017, Seattle, WA

NOAA-NMFS, Alaska Fisheries Science Center, Fisheries Monitoring and Analysis Division

- Developed, tested, and rolled out secure Oracle database applications that are widely used by FMA staff and observers.
- Wrote executable, legibly formatted data query reports using database programming languages (SQL, PL/SQL).
- Maintained the daily flow of observer and EM data into the Catch Accounting System. Performed daily analytical evaluations on these data using robust quality control metrics I designed and maintained.
- Consulted with customers to refine database and application functional requirements. Translated those functional requirements into technical specifications. Ultimately wrote the code and/or tested the systems that implemented the agreed-upon solutions. Communicated technical database knowledge to end data-users. Sent via email, written reports, and team meetings. Served on technical committees and advisory panels.
- FIS ERPSG chair, 2015-present. Acted as Team Lead to facilitate conference calls, organize group travel meetings, write and proof documents, review funding proposals, and direct the overall activities of a diverse, influential, intra-agency body of technical experts.
- Trained and debriefed NPOP observers.
- Conducted observer sample station inspections on fishing vessels.

Fisheries Observer, 2008-2010; all over AK

NWO, Inc

- While working and living aboard commercial groundfish vessels, I sampled catches for species composition, and for the incidence of salmon, halibut, and crab
- Made estimates of total catch and collected biological data from target species and species of concern, including lengths, weights, otoliths, and tissue samples
- Compiled, recorded, and transmitted data into an electronic database in an organized fashion
- Contributed to in-season management of the fisheries by collecting bycatch data
- Level 2 certification in the North Pacific groundfish fleet; also Pacific hake certified

Field Research Technician in Cedar River Watershed, 2004-2005, Seattle, WA

University of Washington

- Designed and conducted field research of a colonizing salmon population using telemetry, mark-recapture, electrofishing, snorkel surveys, and quantitative habitat measurements
- Generated detailed maps and analyses of juvenile and adult salmon habitat usage
- Analyzed data using statistics and produced technical reports and presentations

Relevant Certifications/Trainings

Oracle Database/SQL Fundamentals (9/10), Business Writing (9/10), Value Stream Mapping (10/11), NPGOP Groundfish Observer (1/08), Reid Technique of Interviewing and Interrogation (7/10), Beyond Excel (8/2011), Oracle Developer Tools User Group (6/2015), Oracle Developer Tools User Group (6/2016), The R Programming Environment (11/2017).

References

- **Jennifer Ferdinand**, Division Director, Fisheries Monitoring and Analysis Division, Alaska Fisheries Science Center. Email Jennifer.Ferdinand@noaa.gov, office 206-526-4076.
- **Julie Blair**, Program Manager, Information and Technologies Program, Fisheries Monitoring and Analysis Division, Alaska Fisheries Science Center. Email julie.blair@noaa.gov, office 206-526-4053.
- **Glenn Campbell**, Computer Specialist, Information and Technologies Program, Fisheries Monitoring and Analysis Division, Alaska Fisheries Science Center. Email glenn.campbell@noaa.gov, office 206-526-5240.
- **Brian Mason**, Fisheries Biologist, Fisheries Monitoring and Analysis Division, Alaska Fisheries Science Center. Email brian.mason@noaa.gov, office 206-526-4227.
- **Craig Faunce**, Research Fisheries Analyst, Fisheries Monitoring and Analysis Division, Alaska Fisheries Science Center. Email craig.faunce@noaa.gov, office 206-526-4182.
- **Marlon Concepcion**, Supervisory Fisheries Biologist, Fisheries Monitoring and Analysis Division, Alaska Fisheries Science Center. Email Marlon.Concepcion@noaa.gov, office 206-526-4007.