



THE STATE
of **ALASKA**
GOVERNOR BILL WALKER

B1 Mike Byerly Scallop Plan Team, June 2017

Department of Fish and Game

OFFICE OF THE COMMISSIONER
Headquarters Office

1255 West 8th Street
P.O. Box 115526
Juneau, Alaska 99811-5526
Main: 907.465.4100
Fax: 907.465.2332

May 19, 2017

Mr. Dan Hull, Chair
North Pacific Fishery Management Council
605 West 4th Avenue, Suite 306
Anchorage, Alaska 99501

Dear Chairman Hull:

I would like to nominate Mr. Mike Byerly for appointment to the Council's Scallop Plan Team to replace Ken Goldman. Mike is currently a fishery biologist in the Division of Commercial Fisheries, and he is responsible for coordinating, overseeing, and participating in numerous groundfish and invertebrate surveys in Cook Inlet, Prince William Sound, and Kodiak management areas. Mike has extensive background in survey methods and population assessments, and assisted in developing the current statewide scallop survey and regularly participates in those surveys. He has also recently been attending Scallop Plan Team meetings and understands the role and responsibilities of a plan team member. With his current involvement, participation, and understanding of the scallop assessment process, Mike will be a valuable addition to the Scallop Plan Team.

Thank you for considering his appointment at the upcoming June 2017 Council meeting, attached is his curriculum vitae for your review.

Sincerely,

A handwritten signature in blue ink that reads "Sam Cotten".

Sam Cotten
Commissioner

Curriculum vitae
Mike Byerly



Alaska Department of Fish and Game
Division of Commercial Fisheries
3298 Douglas Place, Homer, Alaska 99603
Phone (907) 235-8191
mike.byerly@alaska.gov

Education

B.S. Fisheries, School of Agriculture and Life Sciences, North Carolina State University, Raleigh, NC, 1987

M.S. Fisheries Science, School of Fisheries and Ocean Sciences, University of Alaska, Fairbanks, AK, 2001

Previous Positions

Alaska Department of Fish and Game, Central Region, Division of Commercial Fisheries , Biologist:
Soldotna, AK. June 1996 – Aug. 1999 (seasonal)

Florida Institute of Marine Research, Research Scientist: St. Petersburg, FL. Sept. 1989 – Jan. 1995.

Current Position and Recent Projects:

Alaska Department of Fish and Game, Central Region, Division of Commercial Fisheries, Groundfish Research Biologist: Responsible for conducting research project to develop survey methods and population assessments for rockfish and lingcod. Assists regional groundfish project leader with projects for monitoring groundfish and shellfish populations and for developing new studies to address data gaps.

1. Southeast Region Demersal Shelf Rockfish Assessment. 2012 – present. This video assessment is conducted using a remotely operated underwater vehicle (ROV) to estimate density and abundance of demersal shelf rockfish (DSR) to set annual fishing quotas. Funded by NOAA FMP Extended Jurisdiction grants and State of Alaska general funds.
2. Central Region Lingcod and Demersal Shelf Rockfish Assessment. 2005 – present. This video assessment was conducted with an ROV to estimate density and abundance of lingcod and DSR at index sites throughout the region to monitor population trends. Funded by NOAA Nearshore Marine Research grants, NOAA FMP Extended Jurisdiction grants, and State of Alaska general funds.
3. North Gulf Coast and Cape Claire seafloor mapping. 2011 – 2014. During these projects multibeam mapping was conducted to produce high-resolution digital elevation models and layers of classified substrates. Funded by a NOAA FMP Extended Jurisdiction grant and State of Alaska general funds.
4. Nuka Bank and Pye Island habitat mapping. 2008 – 2011. During these projects multibeam mapping was conducted to produce high-resolution digital elevation models and layers of

classified substrates. Funded by a NOAA Nearshore Marine Research grant and State of Alaska General Funds.

5. Validation of ROV Strip Transect Assumptions. 2006 – 2009. This study tested two assumption of strip transect sampling methodology for lingcod and yelloweye rockfish in an experimental field setting. This project was a necessary component of developing a population assessment program for these species. Funded by a NOAA Nearshore Marine Research grant.

Reports and Publications

- Byerly, M., M. Spahn, K. J. Goldman, and S.T. Sigurdsson. *in press*. Nuka Bank lingcod and demersal shelf rockfish ROV survey, 2009. Alaska Department of Fish and Game, Fishery Data Series No. YY-XX, Anchorage.
- Byerly, M., M. Spahn, and K. J. Goldman. *in press*. An assessment of transect sampling assumptions for remotely operated vehicle groundfish surveys. Alaska Department of Fish and Game, Fishery Data Series No. YY-XX, Anchorage.
- Goldman, K.J., M. Byerly, J. Mumm, J. Rumble, J. Zheng. *in press*. Bottom Trawl Surveys for Tanner Crab in Lower Cook Inlet and Prince William Sound 1990–2015. Alaska Department of Fish and Game, Fishery Data Series No. YY-XX, Anchorage.
- Byerly, M., M. Spahn, and K. J. Goldman. 2015. Chiswell Ridge lingcod ROV survey with ancillary population estimates of demersal shelf rockfish, 2005. Alaska Department of Fish and Game, Fishery Data Series No. 15-26, Anchorage.
- Byerly, M.M. 2015. Central Region Seafloor Mapping. *In: FMP Extended Jurisdiction: Final Comprehensive Performance Report*. Alaska Department of Fish and Game, Juneau. 71 p.
- Goldman, K.G, M.M. Byerly, M. Spahn. 2011. Nuka Island Habitat Mapping. *In: Nearshore Marine Research in Alaska (IX): Final Comprehensive Progress Report*. Alaska Department of Fish and Game, Juneau. 91 p.
- Goldman, K.G, M.M. Byerly, M. Spahn. 2011. Prince William Sound Spot Shrimp Habitat Investigation. *In: Nearshore Marine Research in Alaska (IX): Final Comprehensive Progress Report*. Alaska Department of Fish and Game, Juneau. 91 p.
- Byerly, M.B., K.G., Goldman. 2011. Resurrection Bay ROV Lingcod Assessment. *In: Nearshore Marine Research in Alaska (IX): Final Comprehensive Progress Report*. Alaska Department of Fish and Game, Juneau. 91 p.
- Byerly, M.B., R.G. Gustafson. 2009. Trawl Catchability Investigations. *In: Nearshore Marine Research in Alaska (VIII): Final Comprehensive Progress Report*. Alaska Department of Fish and Game, Juneau. 117 p.
- Trowbridge, C. E., W. R. Dunne, M. A. Lambdin, M. M. Byerly, and K. J. Goldman. 2008. Cook Inlet area groundfish management report 1996–2004. Alaska Department of Fish and Game, Fishery Management Report No. 08-06, Anchorage.
- Byerly, M.B. 2006. Lingcod Population Parameters in the Northern Gulf of Alaska. *In: Nearshore Marine Research in Alaska (V): Final Comprehensive Progress Report*. Alaska Department of Fish and Game, Juneau. 137 p.
- Byerly, M, B. Bechtol. 2005. Evaluation of Scuba Assessment Methods for Shallow-Water, Nearshore Black Rockfish, *Sebastes melanops*. *In: 2003 Lowell Wake Symposium Proceedings: Assessment and Management of New and Developing Fisheries in Data Limited Situations*. Anchorage, Alaska, Alaska Sea Grant. AK-SG-05-02.

Byerly, M. M. 2004. Development of a black rockfish population index, operational plan for year 2004 in-the-water rockfish assessment. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 2A04-19, Anchorage.

Collaborations in the Past Four Years

Kristen Green, Southeast Region, Groundfish Project Leader. Alaska Department of Fish and Game, 304 Lake St, Sitka, AK 99835

Dr. Kris Holderied, Director of NOAA, Kasitsna Bay Laboratory, Drawer G, Seldovia, AK 99663

Dr. Scott Pegau, Research Program Director, Oil Spill Recovery Institute, Prince William Sound Science Center, 300 Breakwater Ave., P.O. Box 705, Cordova, AK 99574