

Speaker biographies, HSRP public meeting, Juneau, AK, Aug 28-30, 2018

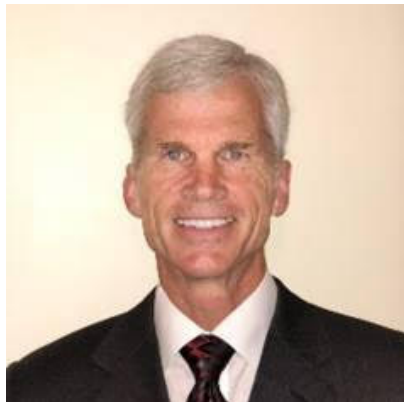
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Captain Hans H. Antonsen

Southeast Alaska Pilots' Association, Trustee for Alaska with the American Pilots Association, and Vice-President for the Marine Exchange of Alaska



Captain Hans H. Antonsen is a third-generation resident of Ketchikan who has worked on the waters of Alaska for nearly 45 years. He began working on family-owned tugs at the age of 15, got his first captain's license at 21 and began piloting at age 29. He has been a Marine Pilot in Southeast Alaska for over 30 years. Hans has served as president, vice president and training chair of the Southeast Alaska Pilots' Association, on the Alaska Board of Marine pilots and as the Chair of the Marine Safety Task Force. Captain Antonsen is an active marine pilot who is currently the Trustee for Alaska with the American Pilots Association and Vice-President for the Marine

Exchange of Alaska. Hans is also a founding Trustee of the William A. Lund Memorial Scholarship Fund which awards up to \$120,000 per year to candidates pursuing careers in the maritime industry. When he is not working on the water, he and his wife Laura enjoy fishing on Her Boat, a 28' Kingfisher.

Capt. (NOAA, ret.) Andrew A. Armstrong III

Co-Director, NOAA/University of New Hampshire Joint Hydrographic Center



Andrew Armstrong is Co-Director of the NOAA/University of New Hampshire Joint Hydrographic Center where leads NOAA's role in the research, mapping, and educational programs of the Center. He is the Bathymetric Data Acquisition team leader for the U.S. Interagency Extended Continental Shelf Task Project where he has been responsible for mapping nearly 875,000 square nautical miles of the seafloor in the Arctic Ocean, the U.S. Pacific Islands, and along the U.S. Atlantic and Pacific margins. Andy joined the NOAA Commissioned Officer Corps in 1974, following 4 years of commissioned service in the U.S. Navy. He retired from the NOAA Corps in 2001, continuing with NOAA as Co-Director of the Joint Hydrographic Center in a civil service capacity. Throughout his NOAA career, he has specialized in hydrographic surveying and seafloor

mapping. He has served on several NOAA hydrographic ships and field parties, conducting hydrographic and bathymetric surveys in Alaska and Hawaii, along the Pacific, Atlantic, Gulf of Mexico coasts, and in the Great Lakes. He served as commanding officer of *NOAA Ship Peirce* and *NOAA Ship Whiting*, and as chief of NOAA's Hydrographic Surveys Division. He has a B.S. in geology from Tulane University and an M.S. in technical management from The Johns Hopkins University.

RDML Matthew Bell

Commander, USCG 17th District (D17)



Rear Admiral Matthew T. Bell Jr. assumed the duties as Commander, 17th Coast Guard District, Juneau, Alaska, in May 2018. He is responsible for the Coast Guard's operations throughout Alaska, the North Pacific Ocean, Arctic Ocean and Bering Sea, which includes protecting life and property, enforcing federal laws and treaties, preserving living marine resources and promoting national security. The Coast Guard's forces in Alaska total more than 2,500 active duty, reserve, civilian and auxiliary personnel, who employ 15 cutters, 52 boats, and 17 aircraft. The District Commander provides operationally ready maritime forces to Coast Guard and Department of Defense Commanders for Coast Guard, joint, and interagency operations both domestically and internationally. Previously, Rear Adm. Bell served as Commander, Personnel Service Center in Washington, D.C. and was responsible for the execution of the Coast Guard's human resource policies for the nearly 45,000 members of the active duty and reserve workforce. He was Chief of Staff, U.S. Coast Guard Pacific Area in

California, where he supported multi-mission interagency operations throughout the 74 million square mile area. He developed and executed a strategic framework to prioritize mission requirements and allocate forces that deployed to the Arctic in response to increased human activity, to the Eastern Pacific to stem the flow of illicit narcotics and to the Western Pacific to bolster multi-lateral partnerships in Southeast and Northeast Asia. Rear Admiral Bell is a Permanent Cutterman with twelve years of service afloat including command tours of CGC POINT DIVIDE in Newport Beach, California, CGC ALEX HALEY and CGC MUNRO both in Kodiak, Alaska. He patrolled the Pacific and Bering Sea executing missions such as drug and fisheries law enforcement, search and rescue, ports and waterways security and military defense operations. He has experience in training and education as a Leadership Instructor at Officer Candidate School, Yorktown, VA, Internist for the Space Life Sciences Training Program at Kennedy Space Center, and Chemistry Instructor, Aide to the Superintendent, and Section Chief of Nautical Science all at the Coast Guard Academy. He entered the Coast Guard in 1985 and received his commission in 1986 upon graduation from Officer Candidate School in Yorktown, Virginia. He holds a Bachelor of Science in Chemistry 1984 and Masters of Science in Chemistry 1993 both from Northern Arizona University.

Ms. Juliana P. Blackwell

Director, National Geodetic Survey, National Ocean Service, NOAA

Ms. Juliana P. Blackwell is the Director of NOAA's National Geodetic Survey (NGS). As Director, she is responsible for the financial, administrative and programmatic performance of NGS, the lead federal agency for positioning activities in the Nation. She oversees the management and delivery of the National Spatial Reference System (NSRS), the nation's consistent coordinate system for latitude, longitude, height, shoreline, gravity measurements and shoreline information throughout the United

States. The NSRS supports a wide range of important activities including mapping and charting, navigation, flood risk determination, transportation, land use and ecosystem management. Ms. Blackwell serves as Chair of the Federal Geodetic Control Subcommittee of the Federal Geographic Data Committee, exercising government-wide leadership in the development and improvement of geodetic surveying specifications, methods, instrumentation, and data transfers. She is a member of NOAA's Hydrographic Services Review Panel, a federal advisory committee providing advice to the NOAA Administrator on matters related to hydrographic services. She represents NOAA on the interagency Alaska Mapping Executive Committee and the 3D Elevation Program Executive Forum. A graduate of Tufts University, Ms. Blackwell earned a Bachelor of Science degree in mathematics. She received a master's in business administration from the University of Maryland's Robert H. Smith School of Business.



LT Bart Buessler

Navigation Manager for Alaska, Office of Coast Survey, NOS, NOAA



LT Bart Buessler holds a B.S. in Mechanical Engineering from Kettering University in Flint, Michigan and started his NOAA Corps career following graduation. He has spent five years sailing and surveying Alaskan waters on both NOAA Ships Rainier and Fairweather as Junior Officer and Operations Officer, respectively. He has also spent time as the Officer in Charge of R/V Bay Hydro II, a Research & Development platform for the Office of Coast Survey operating in the Chesapeake Bay. He reported to his current assignment as Navigation Manager for Alaska in August of 2017.

Ms. Ashley Chappell

Integrated Ocean and Coastal Mapping Coordinator (IOCM), Office of Coast Survey, NOS, NOAA



Ashley Chappell earned a B.A. in Geography from the University of North Carolina at Chapel Hill in 1991, and a Master's degree in Geography and Cartographic Sciences from George Mason University in 1997. After an exciting stint at National Geographic, she joined the National Oceanic and Atmospheric Administration as an aeronautical chart cartographer in 1992. Her childhood summers spent at Virginia Beach and a love of the sea soon necessitated a move to nautical charting for NOAA's Office of Coast Survey in 1995, where she produced charts of Alaska, the Pacific and Great Lakes waters. In 2000, she moved to policy, strategic planning, and budget

formulation to support the worthy mission of safe and efficient marine transportation. Since then, Ashley has focused in large part on the emerging threats and opportunities from a warming Arctic, and the national need for better marine transportation system infrastructure and foundational geospatial data to support good decision-making in the coastal zone. She currently serves as NOAA's Integrated Ocean and Coastal Mapping Coordinator. Ashley lives in Alexandria, Virginia with her husband and three children, where she advocates for elementary STEM education in her spare time.

Mr. Richard Edwing

Director, Center for Operational Oceanographic Products and Services, National Ocean Service, NOAA



Richard Edwing is the director of [NOAA's Center for Operational Oceanographic Products and Services](#) (CO-OPS), the nation's authoritative source for accurate, reliable and timely water-level and current measurements. In his role, he oversees and continues to improve this 24-hour a day operation to provide mariners, coastal managers, and many other users with real-time data on ocean conditions along America's 95,000-mile coastline. Edwing's career with NOAA spans three decades with much of that time spent advancing NOAA's navigation services mission to provide the nation with up-to-date ocean, weather, mapping and positioning data and tools for safe transits to and from U.S. ports. He started with NOAA in 1976 in the Marine Boundary Program, a partnership between NOAA and coastal states to establish tidal

data such as base elevations in sensitive wetland areas vulnerable to urban growth. He was the division chief of the National Ocean Service's policy, planning and analysis division, where he shaped NOAA's priorities for ocean issues, as well as identified budget needs to advance and modernize ocean science. He graduated in 1976 from George Washington University with a Bachelor of Science degree in oceanography, and completed graduate level work in civil engineering at the University of Maryland. For two hundred years, CO-OPS and its predecessor agencies have provided the critical oceanographic data needed to protect life, property, and the marine environment. Today, the Center manages NOAA's Physical Oceanographic Real-Time System, the National Water Level Program, and National Current Observation Program—major national systems critical to keeping America's oceans, coasts, and Great Lakes safe, healthy and productive.

Mr. Michael Emerson

Director, Marine Transportation Systems Management, U.S. Coast Guard

Mike Emerson is the Director for Marine Transportation Systems and Senior Arctic Policy Advisor at Coast Guard Headquarters. He manages a portfolio of marine navigation, waterway, and bridge programs, and is responsible for a wide variety of Polar and Arctic safety and security initiatives. Emerson returned to Coast Guard Headquarters in August 2015, following a three year assignment in

the Office of Operations at the Department of Homeland Security Headquarters. He retired from the



Coast Guard in 2014, after 30 years of service. His tours of duty included Senior Fellow for the CNO Strategic Studies Group in Newport, Rhode Island; Chief of Aviation Forces at Coast Guard Headquarters; Commanding Officer of Coast Guard Air Station Clearwater, Florida; Chief of Drug Interdiction at Coast Guard Headquarters; four tours in aviation as a C-130 pilot, and two tours at sea. Emerson graduated from the Coast Guard Academy in 1984 with a Bachelor of Science in Government and received a Masters Degree in Military Studies from the Marine Corps University, and a Masters Degree in Business Administration from American Military University.

Mr. Paul Fuhs

President, Board of Directors, the Marine Exchange of Alaska



Paul Fuhs is the former mayor of Dutch Harbor, Alaska. During his time in the Aleutians he was the owner of the company Aleutian Explosives and a commercial diver specializing in port construction, emergency response and the use of explosives underwater. He served as Alaska's commissioner of commerce and economic development for Wally Hickel. He is currently president of the board of the Marine Exchange of Alaska which provides vessel tracking services for the Coast of Alaska, executive director of the North Slope Port Authority and also works as a maritime consultant specializing in Arctic port development, emergency

response, and Northern Sea Route development.

Mr. Kevin Gallagher

Associate Director, U.S. Geological Survey, U.S. Department of the Interior



Mr. Gallagher oversees the USGS Geologic and Topographic Mapping, Geological and Geophysical Data Preservation, Biological Information, and Science Informatics Programs, as well as the world's largest Earth Science Library.

From 2002-2010, Mr. Gallagher served as the USGS Chief Information officer and Chief Technology Officer where he oversaw the operation of information technology systems and networks supporting bureau wide computing and telecommunications. Before joining the USGS, Mr. Gallagher held a number of information technology and management positions at various Federal agencies,

including Chief of the Operations Division of the U.S. Coast Guard Operations Systems Center, and Software Developer with the Department of the Navy and Naval Research Laboratory. Mr. Gallagher holds a master's degree in information systems from Syracuse University, a Chief Information Officer Certificate from the National Defense University, and a Bachelor of Science degree in Management Information Systems from James Madison University. He has also completed the Harvard Senior Executive Fellows Program at Harvard University.

Rear Admiral Tim Gallaudet, PhD., USN Ret.

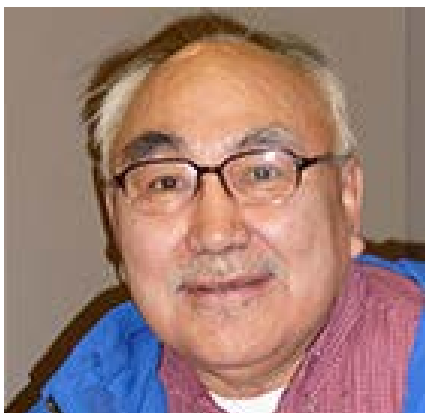
Assistant Secretary of Commerce for Oceans and Atmosphere, and Acting Undersecretary of Commerce for Oceans and Atmosphere, NOAA



Timothy Gallaudet, PhD., was confirmed by the U.S. Senate on October 5, 2017, as the assistant secretary of commerce for oceans and atmosphere for the Department of Commerce in the National Oceanic and Atmospheric Administration. Dr. Gallaudet was previously a rear admiral in the U.S. Navy, where his most recent assignment was Oceanographer of the Navy and Commander of the Navy Meteorology and Oceanography Command. During his 32 years of military service, Dr. Gallaudet has had experience in weather and ocean forecasting, hydrographic surveying, developing policy and plans to counter illegal, unregulated and unreported fishing, and assessing the national security impacts of climate change. He has led teams of Navy

sailors and civilians performing such diverse functions as overseeing aircraft carrier combat operations, planning and conducting humanitarian assistance and disaster response efforts, assisting Navy SEAL Teams during high visibility counter-terrorism operations, and developing the Navy's annual \$52 billion information technology, cyber security and intelligence budget. Dr. Gallaudet holds a bachelor's degree from the U.S. Naval Academy and master's and doctoral degrees from Scripps Institution of Oceanography, all in oceanography.

Mr. Willie Goodwin Jr.



Chair, Arctic Waterways Safety Committee, Kotzebue, AK

Mr. Willie Goodwin, Jr. is an Iñupiaq elder from Kotzebue, Alaska. He serves on the Inuit Circumpolar Council Alaska board of directors as an Alaska Elders Representative. He was born in 1944 and graduated from Mt. Edgecumbe high school in Sitka, Alaska and went on to receive electronic training in Los Angeles and New York. He worked at Cape Kennedy and then at the Ballistic Missile Early Warning Site at Clear, Alaska. After returning home to Kotzebue, Willie worked for RurAL CAP, the Northwest Native Association, in the lands department at NANA regional corporation, an Alaskan

Native Corporation whose people have inhabited the coastal areas of northwest Alaska for thousands of years. He was mayor of the City of Kotzebue and served as Director of Planning for the Northwest Arctic Borough. He was part of creating the Rosetta Stone Iñupiaq language learning materials. He grew up hunting and fishing and learning traditional subsistence skills from his father.

Mr. Dan Igotov

Alaska DOT & PF Southcoast Region Land Survey Manager



Mr. Dan Igotov is presently the Alaska DOT & PF Southcoast Region Land Survey Manager. He is responsible for all geodetic surveying and mapping for DOT along the southern coast of Alaska and Aleutians. He has 25 years of Geomatics experience in various capacities throughout the Northwestern US. He is a graduate of the Oregon Institute of Technology with a BS in Geomatics/Surveying and is a licensed professional land surveyor in Alaska, Montana, and Oregon.

Dr. Nicole Kinsman

Alaska Regional Advisor, National Geodetic Survey, NOS, NOAA



Nicole Kinsman is Alaska's Regional Geodetic Advisor at NOAA's National Geodetic Survey (NGS). Based in Anchorage, she serves as our local point of contact for NGS and is available to provide technical guidance on geospatial positioning topics in support of activities such as mapping and charting, navigation, flood risk determination, transportation, land use and ecosystem management. She managed the State of Alaska's Coastal Hazards Program for five years prior to joining NOAA in 2015. In addition to supporting geospatial positioning throughout the state, she also plays an active role in regional mapping activities as a technical advisor to the Alaska Geospatial Council and the Alaska Mapping

Executive Committee. She holds a Ph.D. in Earth Sciences from the University of California Santa Cruz, and is an affiliated faculty member in official NOAA capacity at the University of Alaska Fairbanks.

Vice Admiral Conrad C. Lautenbacher, Jr., PhD., USN Ret.

Chair, U.S. Integrated Ocean Observing System Advisory Committee (IOOS AC)

Retired U.S. Navy Vice Admiral Conrad C. Lautenbacher, Jr. is the CEO of GeoOptics Inc. and serves on several boards including AccuWeather and the Southeastern Coastal Ocean Observing Regional Association (SECOORA). Formerly he was Vice President of Scientific Support for CSC Corporation.

As Undersecretary of Commerce for Oceans and Atmosphere and Administrator of the National Oceanic and Atmospheric Administration (NOAA) (2001-2008), Lautenbacher spearheaded the first



international Earth Observation Summit in Washington in July 2003 and the subsequent activity to establish the Group on Earth Observations (GEO) and a sustained Global Earth Observation System of Systems (GEOSS). Before joining NOAA, he served as President and CEO of the Consortium for Oceanographic Research and Education (CORE). As a Navy Flag Officer he served as Commander, U.S. Third Fleet, Director of Force Structure, Resources, and Assessments (J-8) on the Joint Staff, Commander of U.S. Naval Forces, Riyadh during Operations Desert Shield and Desert Storm, and Deputy Chief of Naval Operations (N-8) responsible for developing the Navy Future (five) Years Program and annual budget.

He is a graduate of the U.S. Naval Academy ('64) and holds M.S. and Ph.D. degrees from Harvard University in applied mathematics.

Ms. Frances Leach

Executive Director, United Fishermen of Alaska (UFA), Commercial Fisherman



Frances Leach brings extensive experience with several sectors in Alaska and a deep knowledge of fisheries issues. She began commercial fishing with her father out of Ketchikan at an early age and, after graduating from Oregon State University with a B.S. and The George Washington University with a M.A., Leach has held a range of positions working for the State of Alaska and in the non-profit sector. Leach has been in her current role as Executive Director of United Fishermen of Alaska in Juneau since November 2017. She worked for the State of Alaska in the Department of Fish & Game and the Division of Libraries, Archives, and Museums. She led the Juneau Lyric Opera

for several years as Executive Director, served as Executive Director for the Southeast Alaska State Fair in Haines, worked as a museum technician with the Smithsonian Institution's National Museum of the American Indian, and early on in her career served as Collections Management Intern for Senator Ted Stevens in Washington, DC.

Ms. Nicole R. LeBeouf

Deputy Assistant Administrator, National Ocean Service, NOAA

Nicole brings nearly 20 years of scientific expertise and program management experience with emphasis on the connections between science and policy. As the deputy assistant administrator at NOAA's National Ocean Service she oversees the financial, administrative, and performance activities of an agency that includes more than 1,700 staff members located across more than 50 places around the country. She served as acting deputy director of the Office of Protected Resources in

NOAA Fisheries, where she maintained oversight of a diverse protected species conservation and management portfolio. She spent four years as the chief of the Marine Mammal and Sea Turtle Conservation Division in the Office of Protected Resources. Nicole served as the acting deputy director for the National Centers for Coastal Ocean Science in NOAA's National Ocean Service where she managed day-to-day financial and personnel operations that included five laboratories and a wide portfolio of intramural and extramural research activities. Nicole also spent time in NOAA Headquarters, both in the NOAA Budget Office and as NOAA's finance lead during the Deepwater Horizon oil spill. She completed NOAA's Leadership Competencies Development Program in 2009, and was an international fisheries biologist in the Office of International Affairs at NOAA Fisheries. Nicole completed a bachelor's in marine biology from Texas A&M University and a master's in sustainable development and conservation biology from the University of Maryland. She grew up along the Texas coast, and has a deep appreciation for coastal resources.



Dr. Larry Mayer

Director, Center for Coastal & Ocean Mapping, and Co-Director, Joint Hydrographic Center, University of New Hampshire

Larry Mayer is a Professor and the Director of the School of Marine Science and Ocean Engineering and The Center for Coastal and Ocean Mapping at the University of New Hampshire. He graduated magna cum laude with an Honors degree in Geology from the University of Rhode Island in 1973 and received a Ph.D. from the Scripps Institution of Oceanography in Marine Geophysics in 1979.



At Scripps, he worked with the Marine Physical Laboratory's Deep-Tow Geophysical package, applying this sophisticated acoustic sensor to problems of deep-sea mapping and the history of climate. After being selected as an astronaut candidate finalist for NASA's first class of mission specialists, Larry did a Post-Doc at the School of Oceanography at the University of Rhode Island and worked on the early development of the Chirp Sonar, problems of deep-sea sediment transport and paleoceanography. He was an Assistant Professor at Dalhousie University and moved to the University of New Brunswick to take up the NSERC Industrial Research Chair in Ocean Mapping. In 2000 he became the founding director of the Center for Coastal and Ocean Mapping at the University of New

Hampshire and the co-director of the NOAA/UNH Joint Hydrographic Center. Larry participated in more than 90 cruises (over 70 months at sea!) in 35 years, and has been chief or co-chief scientist of numerous expeditions, including two legs of the Ocean Drilling Program and eight mapping expeditions in the ice covered regions of the high Arctic. He was a member of the President's Panel on Ocean Exploration, National Science Foundation's Advisory Committee for the Geosciences, and chaired a National Academy of Science Committee on national needs for coastal mapping and charting as well as the National Academies report on the impact of the Deepwater Horizon Spill on ecosystem services in the Gulf of Mexico. He was the co-chair of the NOAA's Ocean Exploration Advisory Working Group, the

Vice-Chair of the Consortium of Ocean Leadership's Board of Trustees, and is the Chair of the National Academies of Science's Oceans Studies Board, a member of the State Dept.'s Extended Continental Shelf Task Force and the Navy's SCICEX Advisory Committee. In 2016 he was appointed by President Obama to the Arctic Research Commission. Larry's current research deals with sonar imaging and remote characterization of the seafloor as well as advanced applications of 3-D visualization to ocean mapping problems and applications of mapping to Law of the Sea issues, particularly in the Arctic.

Ms. Molly McCammon

Executive Director, Alaska Ocean Observing System (AOOS)

Molly McCammon is the Executive Director of the Alaska Ocean Observing System (AOOS), the Alaska regional component of the national Integrated Ocean Observing System (IOOS) based in Anchorage. She is currently treasurer of the IOOS Association, a Consortium for Ocean Leadership trustee, and member of the national Ocean Research Advisory Panel. She is a past member of the National Research Council's Polar Research Board, serving on its Committee on Designing an Arctic Observing Network. She also served on the initial Advisory Group for the National Academy of Science's Gulf Research Program. In Alaska McCammon serves as the Municipality of Anchorage representative to the Cook Inlet Citizens Advisory Council and member of the Alaska Sea Grant Advisory Committee and Alaska Center for Climate Assessment and Policy Steering Committee. Prior to her position at AOOS, she served for 10 years as the Executive Director of the Exxon Valdez Oil Spill Trustee Council, managing the restoration program following the 1989 oil spill. McCammon moved to Alaska in 1973 after graduating from the University of California Berkeley, with her early years in Alaska spent as a journalist, homesteader in the Brooks Range, and natural resource policy specialist for state government.



She is currently treasurer of the IOOS Association, a Consortium for Ocean Leadership trustee, and member of the national Ocean Research Advisory Panel. She is a past member of the National Research Council's Polar Research Board, serving on its Committee on Designing an Arctic Observing Network. She also served on the initial Advisory Group for the National Academy of Science's Gulf Research Program. In Alaska McCammon serves as the Municipality of Anchorage representative to the Cook Inlet Citizens Advisory Council and member of the Alaska Sea Grant Advisory Committee and Alaska Center for Climate Assessment and Policy Steering Committee. Prior to her position at

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Ms. Jacquelyn Overbeck

Coastal Hazards Geologist, State of Alaska, Department of Natural Resources, Division of Geological & Geophysical Surveys



Jacquelyn Overbeck manages the State of Alaska Division of Geological & Geophysical Surveys Coastal Hazards Program responsible for coastal mapping and data collection along Alaska's 34,000 miles of coastline. Jacquelyn conducts investigations of coastal hazards at Alaska's northern and western coastal communities, coordinates coastal mapping priorities and projects for the state, creates online tools to communicate coastal vulnerability, and provides scientific guidance to federal and state agencies, non-profits, Native corporations to inform hazard mitigation, community planning, and relocation strategies.

Jacquelyn uses a variety of tools including remote sensing, GNSS surveying, and community-based monitoring to improve the State's understanding of coastal hazards while facing reductions in sea ice cover and concentration during fall storms and thawing permafrost of ice rich coastlines.

Mr. Carven Scott

Regional Director, National Weather Service Anchorage, AK

Carven Scott is Director of the NWS Alaska Region in Anchorage, Alaska. The Alaska Region provides weather, water, aviation and climate services to the nation's largest and most geographically complex



area. Mr. Scott earned a Bachelor of Science in Meteorology with a minor in Computer Science in 1975 from Texas A&M University, where he earned a Master of Science in Meteorology in 1977. Mr. Scott oversees three Weather Forecast Offices, the National Tsunami Warning Center, the Alaska Pacific River Forecast Center, the Alaska Aviation Weather Unit, the Anchorage Center Weather Service Unit and 11 Weather Service Offices. The Alaska Aviation Weather Unit manages the Anchorage Volcanic Ash Advisory Center (VAAC), one of only nine such centers worldwide. The National Tsunami Warning Center is responsible for warning the Pacific and Atlantic coasts of the continental United States and

Canada. Alaska Region's marine forecast and warning area is expansive, from the Canadian Border to the Russian Border, including the Gulf of Alaska, the Bering Sea and the Arctic Coast. Mr. Scott served in the military for more than 30 years, retiring as a Captain in the Navy Reserve. During his last tour he served as the Commanding Officer of the Naval Meteorology and Oceanography (METOC) Reserve Headquarters Unit. Mr. Scott was awarded the Navy Meritorious Service Medal in 2014.

Mr. Mark Smith

CEO, Vitus Energy LLC



Mr. Smith is an arctic entrepreneur with family roots in Alaska from the early 1900's. He began work in the Bering Sea in 1973, participating in commercial fishing and commercial towing. Through various career stages Mr. Smith has progressed from a tow boat captain to owning and operating several maritime companies. He also has held senior management positions at Yukon Fuel Company, Crowley Petroleum Distribution, and Vitus Energy. The Vitus Energy group of companies includes Vitus Marine, Central Alaska Energy, Pacific Fishing Assets, and Vitus Terminals. The core service offering of Vitus companies is related to distribution of refined petroleum products. Customer sectors include the fishing industry, dry cargo transporters, electric utilities, local governments, commercial aircraft, and shore based fuel distributors. Mr. Smith received an Executive Masters in Business Administration from the University of Washington Foster School of Business.

Rear Admiral Shepard M. Smith

Designated Federal Officer, HSRP; and Director, Office of Coast Survey, NOS, NOAA



Rear Admiral Shepard M. Smith became the director of the Office of Coast Survey (OCS) on August 26, 2016. Hallmarks of his career have been his leadership in the modernization of NOAA's charting systems and transformation of NOAA's hydrographic technologies. That leadership and experience are now be applied to expanding Coast Survey's data capabilities and supporting a data-enabled maritime economy. Smith returns to Coast Survey as commanding officer of NOAA Ship *Thomas Jefferson*, on which he served three tours during his NOAA career. Smith became NOAA's first commanding officer to operationalize unmanned surface vehicles for mapping shallow areas previously inaccessible and uncharted. He served as the chief of Coast Survey's Marine Chart Division where he changed the nation's

charting tradition by restructuring chart production and distribution. That modernization made U.S. navigational data more accessible to the public through a wider range of electronic formats, faster and more accurately. During ship assignments, he surveyed Alaska on NOAA Ship *Rainier*, was on the interagency response teams for the search and recovery of TWA flight 800, Egypt Air flight 990, the private plane piloted by John F. Kennedy, Jr., and commanded *Thomas Jefferson*, under his command, was awarded a Commerce Gold Medal for heroism and lead the six-week response to the Deepwater Horizon oil spill. He has a bachelor of science in mechanical engineering from Cornell University. He has a master of science in ocean engineering in 2003, and completed the IHO Category "A" program, both at the University of New Hampshire.

Ms. Jessica Snowden

Designated Federal Officer and Physical Scientist, U.S. Integrated Ocean Observing System (IOOS), NOS, NOAA



Jessica Snowden is a physical scientist with the U.S. Integrated Ocean Observing System (IOOS) office in the National Ocean Service (NOS). In addition to her nine years with IOOS, she has had the opportunity to act as NOS Chief of Staff, complete a detail with NOAA's Workforce Management Office focusing on FEVS results for the agency, and spent the summer of 2017 in Ottawa, Ontario working with Fisheries and Oceans Canada to establish a Canadian national integrated ocean observing system. Jessica is the Designated Federal Official for the U.S. Integrated Ocean Observing System Advisory Committee. She holds a Bachelor of Science degree in biology from the University of Delaware and a Master of Science degree in marine biology from the University of Maine.

Capt. (ret. USCG) Carl Uchytel

President, Alaska Association of Harbormasters and Port Administrators (AAHPA), and Juneau Harbormaster



Carl Uchtyl, P.E. has served since 2011 as Port Director for the City and Borough of Juneau and oversees four municipal harbors and the infrastructure supporting 1.2 million cruise ship passengers visiting Juneau each year. Originally from Iowa, he graduated from the US Coast Guard Academy with BS in Marine Science. After serving on three cutters, Carl went on to receive his Master’s Degree in Ocean Engineering from the University of Rhode Island. He served in various capacities within the Coast Guard until his retirement in 2011 including engineering, planning, program management and four tours aboard Coast Guard Polar icebreakers. He was the commanding officer of the USCGC POLAR SEA from 2007-09. Carl is President of the Alaska Section of American Society of Civil Engineers and President of the Alaska Association of Harbormasters & Port Administrators (AAHPA).

He was recognized as the 2017 ASCE Juneau Branch Engineer-of-the-Year.

Mr. Brian Vreeland

Port Captain, Allen Marine Tours



Allen Marine Tours is the largest operator of USCG certified tour boats in SE Alaska. Allen Marine Tours is a family-owned company based in Sitka. They have a fleet of over 25 vessels – and operations based in Juneau, Ketchikan and Sitka – and are the largest and most experienced day-cruise company in Alaska. All of the vessels they operate were built in their Sitka shipyard.