

NOAA Hydrographic Services Review Panel

Public Meeting, Juneau, Alaska, August 28-30, 2018

HSRP Agenda - 3 day meeting cheat sheet: *FINAL updated 24Aug2018*

Meeting: *Elizabeth Peratrovich conference hall, 320 W. Willoughby Ave., Juneau*

Dress and uniform: Tuesday – business; Wed/Thurs: casual; **NOAA Uniform:** service khaki

Guide to Juneau from MXAK: <https://mxakguidetojuneau.wordpress.com/>

Juneau WEBINAR: <https://attendee.gotowebinar.com/register/3898703691780313857>

Juneau WEBSITE: <https://www.nauticalcharts.noaa.gov/hsrp/hsrp.htm>

HSRP Issue Papers and recommendations:

<https://www.nauticalcharts.noaa.gov/hsrp/recommendations.htm>

Tuesday, Aug 28	Wednesday, Aug 29	Thursday, Aug 30
<ul style="list-style-type: none"> - Joint morning session with U.S. IOOS Advisory Committee - Executive addresses, opening - Intro to Alaska / U.S. Arctic - Special session: Water Level Partnerships - State of AK, AOOS, NWS, & Data Gaps 	<ul style="list-style-type: none"> - Recap on prior day - RDML Tim Gallaudet, NOAA Administrator - Alaska Mapping Executive Committee (AMEC) - NOS Tri-Office & UNH/JHC presentations - public comment period 	<ul style="list-style-type: none"> - Recap on prior day - Special session: Addressing Arctic Challenges - public comment period - HSRP Emerging Arctic Priorities working group discussion
LUNCH on your own	LUNCH on your own	LUNCH on your own
<ul style="list-style-type: none"> - Special sessions: Stakeholder Perspectives of NOAA Navigation Services - part 1 & 2 - public comment period - Review/discuss CO-OPS Strategic Plan comments 	<p><i>Free afternoon for meetings on your own.</i></p>	<ul style="list-style-type: none"> - NOS updates; - HSRP meeting recap, draft recommendation letter, comments / discussion, next steps

NOAA Hydrographic Services Review Panel

Public Meeting, Juneau, Alaska, August 28-30, 2018

Tuesday, August 28 – Day One

**meeting times, topics, and speakers subject to change. All times are in Alaska Daylight Time.*

Morning

HSRP and IOOS Advisory Committee joint half day meeting
HSRP/IOOS PUBLIC MEETING DAY 1 CONVENES, Peratrovich Hall

9:00– 10:30 PUBLIC MEETING: welcome, introductions, goals, deliverables

- Joyce Miller, HSRP chair
- Rear Admiral Shepard M. Smith, Director, Office of Coast Survey (OCS), National Ocean Service (NOS), National Oceanic and Atmospheric Administration (NOAA), and HSRP designated federal official
- Vice Admiral Conrad C. Lautenbacher, Jr., Ph.D., (Navy ret.), Chair, U.S. Integrated Ocean Observing System Advisory Committee (U.S. IOOS AC)
- Carl Gouldman, Director, Integrated Ocean Observing System, NOS/NOAA
- Nicole LeBoeuf, Deputy Assistant Administrator, National Ocean Service
- RDML Matthew T. Bell, Commander, 17th Coast Guard District, U.S. Coast Guard

Alaska Navigation Services and Observations

The significance of navigation services and ocean observation products in Alaska and how that shapes and enables the state's economy.

- Senator Lisa Murkowski and Senator Dan Sullivan – by video
- Lieutenant Governor Byron Mallott
- Heidi Hansen, Deputy Commissioner, Department of Natural Resources, Alaska

10:30 – 10:45 Break

10:45 – 12:15 HSRP special session: Alaska Water Level Partnerships

This session will focus on programs collecting and disseminating tides and water level data in data-sparse Alaska for a range of purposes using the NOAA National Water Level Observation Network as an authoritative backbone. The panelists will discuss their collaborative approaches to handling this information to expand ready access to water level data required for decision-making across multiple societal needs.

Introduction: Rich Edwing, Director, Center for Operational Oceanographic Products and Services (CO-OPS), NOS/NOAA

Moderator: Julie Thomas, HSRP member

- **Carven Scott**, Director, National Weather Service Alaska

“Rivers to Oceans: NWS Reliance on Alaska Water Level Observations”

Discussion of coastal observation gaps and areas for model improvements necessary for NWS Alaska products and forecasts. Highlights the reasons for NWS investments in and use of water level observations in Alaska.

- **Jacquelyn R. Overbeck**, Coastal Hazards Geologist, State of Alaska, Department of Natural Resources, Division of Geological & Geophysical Surveys
“Coordination of integrated and inter-agency coastal water level observations for Alaska”

A summary of progress-to-date on coordinating coastal water level observing in conjunction with partners through the Alaska Water Level Watch program, which evolved from Alaska Water Level Workshops in 2015 and 2018 that enabled a broad stakeholder group to identify challenges, assets, gaps, and next steps for a collaborative water level network.

- **Molly McCammon**, Executive Director, Alaska Ocean Observing System (AOOS)
“Growing a Network: Data Management, Access, Innovation and Partnership Growth”

Just collecting water level data is not enough. AOOS is developing a specialized data management system and associated interface that will complement the water level products provided by NOAA Tides & Currents. AOOS is also partnering with universities and the private sector to demonstrate emerging water level observing technologies designed for Alaskan environments and to explore options for an Alaska “PORTS®-lite” system.

12:15 – 1:30 **Lunch on your own** (HSRP & IOOS members / NOS staff working lunch)

Afternoon **HSRP PUBLIC MEETING RECONVENES**

1:30 – 3:30 **HSRP special session: Stakeholder Perspectives**

Briefings by Alaskan stakeholders highlighting how NOAA’s Navigation Services portfolio and other partner data and services impact their daily operations. Presentations will focus on current products and services used as well as recommendations and requests for expanded products & services.

Co-Moderators: LT Bart Buessler, Alaska Navigation Manager, OCS/NOS/NOAA;
Dr. Nicole Kinsman, Alaska Regional Advisor, National Geodetic Survey, NOS/NOAA

- **Frances Leach**, Director, United Fishermen of Alaska (UFA)
UFA is a statewide commercial fishing umbrella association, representing 34 member organizations from fisheries throughout Alaska and its offshore waters.
- **Capt. Carl Uchytel** (USCG/Ret.), AAHPA President and Juneau Port Director
Alaska Association of Harbormasters and Port Administrators (AAHPA) represents a majority of ports throughout the state, with membership representing the full range from large commercial ports to small community facilities.
- **Capt. Carl Uchytel** (USCG/Ret.), AAHPA President and Juneau Port Director
American Society of Civil Engineers (ASCE), Alaska - ASCE prepared a National Infrastructure Report Card in 2017 and the Alaska Section canvassed its approximately 800 members in gain additional insight into areas where NOAA could improve data and services to support coastal and maritime engineering.
- **Capt. Hans Antonsen**, Southeast Pilots Association (SEPA)
SEPA ensures the safe navigation of all large commercial traffic, including cruise ships, in Southeast Alaska.
- **Brian Vreeland**, Port Captain, Allen Marine Tours
Allen Marine Tours is the largest operator of USCG certified tour boats in SE Alaska.
- **Mark L. Smith**, CEO Vitus Energy LLC
Vitus Marine is a tug and barge operator providing critical fuel and freight deliveries to remote communities along the coasts and rivers of Western Alaska.

Panel Discussion with HSRP and Stakeholders

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| 3:30 – 3:45 | Break |
| 3:45 – 4:00 | Public comment period - in room and via webinar |
| 4:00 – 4:30 | HSRP Planning and Engagement working group (P&E WG),
Julie Thomas and Dave Maune, chairs, P&E WG
- CO-OPS strategic plan discussion, Julie Thomas
Recap with round robin - all members, DFO; Wrap up - chairs and DFO |

HSRP PUBLIC MEETING DAY 1 ADJOURNS

Wednesday, August 29 – Day Two

- Morning
9:00 – 9:30 **HSRP PUBLIC MEETING DAY 2 CONVENES, Peratrovich Hall**
PUBLIC MEETING: chair, DFO and member recap on Tuesday’s meeting
- Joyce Miller, HSRP chair
 - Rear Admiral Shepard M. Smith
- Day 1 recap and discussion**
HSRP Planning and Engagement working group, Dave Maune & Julie Thomas: discussion on matrix priority for sea level rise - Ed Saade
- 9:30 – 9:55** **Rear Admiral Tim Gallaudet, Ph.D., USN Ret., Assistant Secretary of Commerce for Oceans and Atmosphere, and Acting Undersecretary of Commerce for Oceans and Atmosphere, NOAA**
- 9:55 – 10:10** **Discussion**
- 10:10 – 10:30** **Kevin Gallagher, Associate Director, Core Science, U.S. Geological Survey, U.S. Department of the Interior**
“Overview of the Alaska Mapping Executive Committee (AMEC) History and Objectives”
- Overview of the Alaska Mapping Executive Committee's origins, ifSAR mapping success and the recently revised AMEC charter with new emphasis on ocean and coastal mapping.*
- 10:30 – 10:45** **Discussion on approaches and opportunities for AMEC/NOAA ocean and coastal mapping coordination**
- 10:45 – 11:00** **Break**
- 11:00 – 12:00** **Alaska updates from the NOS Office Directors and University of New Hampshire-NOAA Joint Hydrographic Center**
National Ocean Service’s navigation services priorities with a focus on Alaska, U.S. Arctic, and gaps. This session will touch on mapping, surveying, charting, remote sensing, photogrammetry, positioning, and may touch on issues addressed during stakeholder sessions and in support of “seamless data”.
- **Dr. Larry Mayer and Capt. (ret. NOAA Corps) Andy Armstrong, co-directors, University of New Hampshire Center for Coastal and Ocean Mapping and NOAA’s Joint Hydrographic Center**
“Autonomous Surface Vessel Deployment for Arctic Hydrography”

- **Juliana Blackwell**, director, National Geodetic Survey
“Enhancing Access to GPS-based Heights in Alaska”
- **Rear Admiral Shepard M. Smith**, director, Office of Coast Survey
“Improving Charting Services in Alaska”

12:00 **Public comment period - in room and via webinar**

HSRP PUBLIC MEETING DAY 2 ADJOURNS

Thursday, August 30 – Day Three

Morning

HSRP PUBLIC MEETING DAY 3 CONVENES

9:00 Public meeting reconvenes:

- Joyce Miller, HSRP chair
- Rear Admiral Shepard M. Smith, NOAA

9:00 – 9:30 Day 2 recap - member round robin and discussion - AMEC, Marine Exchange; HSRP Technology working group discussion, Ed Saade & Lindsay Gee, chairs:
NOAA Science Advisory Board workplan and HSRP update / discussion

9:30 – 11:00 HSRP Special Session: Addressing Arctic Challenges

This session will cover the current status of U.S./international Arctic policy, and the constraints of the Alaskan Arctic marine transportation system. Speakers will cover gaps and suggestions for how finite NOAA resources can be directed to enhance safe, efficient and environmentally sound maritime operations.

Introduction: Capt. (ret. USCG) Ed Page, Director, Marine Exchange of Alaska

Moderator: Ashley Chappell, Integrated Ocean and Coastal Management and CMTS Arctic lead, OCS/NOS/NOAA

- **Michael Emerson**, Director, Marine Transportation Systems Management, U.S. Coast Guard
"USCG Perspective on a Changing Arctic"

Mr. Emerson will provide his perspective on overarching U.S. Arctic policy and how the Coast Guard is approaching its Arctic mandates in a challenging environment.

- **Willie Goodwin, Jr.**, Chair, Arctic Waterways Safety Committee, Kotzebue, AK
"Alaska Native Perspectives on the Arctic Yesterday and Today"

Mr. Goodwin will discuss the changes in the U.S. Arctic in recent years. He will highlight impacts on his community, their dependence on the coasts and oceans for transit and livelihoods, and the navigation services improvements that would help fill gaps in their maritime infrastructure.

- **Paul Fuhs**, President, Board of Directors, Marine Exchange of Alaska
"The Alaska Maritime Community and a Changing Arctic"

Mr. Fuhs will provide history on marine transportation and commerce in the Alaskan Arctic. He will juxtapose with the issues that commercial and local mariners are dealing with today in a changing Arctic and the need for an improved U.S. Arctic Marine Transportation System.

- **Jay Stern**, President, Windward Strategies LLC

“The Need to Develop Maritime Infrastructure in the U.S. Arctic”

Mr. Sterne will address the significant needs and challenges associated with developing maritime infrastructure in the U.S. Arctic.

11:00 – 11:15	Break
11:15	Public comment period - in room and via webinar
11:30	HSRP Emerging Arctic Priorities Working Group - discussion
12:00 – 1:00	Lunch on your own (HSRP members / NOAA HSRP staff working lunch)

Afternoon **HSRP PUBLIC MEETING RECONVENES**

1:00 – 2:00 **Planning & Engagement WG: NOS 5 minute updates**

Five minute updates on ongoing topics of interest.

Moderator: Capt. Jim Crocker, OCS/NOS/NOAA

- Dr. Nicole Kinsman, NGS, NSRS Modernization Preparedness
- Laura Rear McLaughlin, CO-OPS, Currents Surveys in Alaska
- Capt. Richard Brennan, OCS, OCS Ocean Mapping plan
- Capt. Elizabeth Kretovic, OCS, Precision Navigation
- Neeraj Saraf, OCS CSDL, Autonomous and Unmanned Vessels
- Colby Harmon, OCS MCD, Rescheming ENC Coverage in Alaska
- Ashley Chappell, OCS, 3D National Elevation Requirements and Benefits Study

2:00 – 2:15 **Break**

2:15 – 4:00 **HSRP member discussion and recap: review of meeting, recommendation letter, final comments to public documents, priorities, next steps**

HSRP DAY 3 and PUBLIC MEETING CONCLUDES