

NOAA Hydrographic Services Review Panel

Public Meeting, Oahu, HI, April 28-30, 2020

WEB AGENDA – topics, times and speakers are subject to change, please consult latest online agenda

HSRP Online Meeting Registration:

https://docs.google.com/forms/d/e/1FAIpQLSe4VObzHaljatxUPYeZp9fYLPJ0JYwBRNvgXAnRQeO6Z_xauQ/viewform?vc=0&c=0&w=1

HSRP WEBINAR: <https://attendee.gotowebinar.com/rt/6546237546550851853>

HSRP WEBSITE: <https://www.nauticalcharts.noaa.gov/hsrp/hsrp.html>

**ALL topics, times, speakers are subject to change; all times are Hawaii Daylight Time (HDT)*

Tuesday, April 28	Wednesday, April 29	Thursday, April 30
<ul style="list-style-type: none"> - 9am Opening session - NOAA and NOS leadership - Partners - Congressional, state, local - 11am Invited speakers 	<ul style="list-style-type: none"> - 8:30am Recap on prior day - Working Group updates - Stakeholder session: supply chain - <i>Public comment period</i> - 12:15 Meeting concludes 	<ul style="list-style-type: none"> - 8:30am Recap on prior day - 9:30am Special session: Addressing Flooding and SLR Challenges - <i>Public comment period</i>
<p>11:45-1:15 LUNCH on your own (HSRP members have a working lunch)</p>	<p>(HSRP members have a working lunch)</p>	<p>12-1:15 LUNCH on your own (HSRP members have a working lunch)</p>
<ul style="list-style-type: none"> - Special sessions: - President’s EEZ Mapping and Seabed 2030 Initiative - Pacific Mapping session - 3:15 Public comment period - NOS Tri-Office Director - HSRP working groups discussions and issue papers - 5:30pm Meeting concludes 		<ul style="list-style-type: none"> - 1:15-2:15 SME updates and flash briefings - 2:15 - 4pm HSRP working group discussions, issue papers, priorities: Planning and Engagement, Tech, and Arctic WG - HSRP recommendations and letter - 4:45-5pm Meeting wrap up - 5pm Meeting concludes

NOAA Hydrographic Services Review Panel

Web Agenda for Public Meeting*, Oahu, HI, April 28-30, 2020

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Tuesday, April 28 – Day One

MEETING VENUE: Hotel to be announced in April, Oahu, HI

RSVP: This is a public meeting. To help with planning, please register here:

https://docs.google.com/forms/d/e/1FAIpQLSe4VObzHaljatxUPYeZp9fYLPJ0JYwBRNvgXAnRQeO6Z_xauQ/viewform?vc=0&c=0&w=1

DRESS: Business casual, Aloha wear **NOAA Uniform:** summer white (short sleeves)

Morning

HSRP PUBLIC MEETING DAY 1 CONVENES

9:00 – 10:30

- **Opening Hawaiian cultural protocol**, Kalani Quiocho, Native Hawaiian Program Specialist, Papahānaumokuākea Marine National Monument, Office of National Marine Sanctuaries, National Ocean Service (NOS) National Oceanic and Atmospheric Administration (NOAA)
- **Ed Saade**, HSRP chair
- **Rear Admiral Shepard M. Smith**, director, Office of Coast Survey, NOS, NOAA, and HSRP designated federal official (DFO)
- **Nicole R. LeBoeuf**, acting Assistant Administrator, NOS, NOAA
- **Dr. Neil, Jacobs**, Assistant Secretary of Commerce for Environmental Observation and Prediction, performing the duties of Under Secretary of Commerce for Oceans and Atmosphere
- **Senator Brian Schatz** or representative
- **TBD**, State of Hawaii (invited)
- **Brigadier General Thomas J. Tickner**, Commander, Pacific Ocean Division, U.S. Army Corps of Engineers
- **Dr. John Randolph Wood**, Director, External (J9) Indo PACOM, U.S. NAVY
- **Rear Admiral Kevin E. Lunday**, Commander, 14th U.S. Coast Guard District
- **Justin Gruenstein**, Deputy Director, Office of Climate Change, Sustainability and Resiliency, City of Honolulu

10:45 – 11:00 Break

11:00 – 11:20 **NOAA OMAO Fleet Recapitalization Update and Implications**

- **Rear Admiral Nancy Hann**, Deputy Director for Operations, NOAA Office of Marine and Aviation Operations (OMAO), and Deputy Director, NOAA Commissioned Officer Corps

An update on the 2016 NOAA Fleet Plan.

11:20 – 11:40 **Speaker - To Be Announced (TBA)**

11:45 – 1:15 **Lunch on your own** (HSRP members have a working lunch)

1:15 – 2:00 ***An Ocean Mapping Moment of Big Ideas: Seabed 2030 and The Presidential Memo on Ocean Mapping of the U.S. EEZ***

Moderator and introduction: Rear Admiral Shepard M. Smith

Big ocean mapping ideas are afoot such as the SeaBed 2030 mapping initiative and The President’s Memo on Ocean Mapping and others. Presidential Memorandum, “Ocean Mapping of the United States Exclusive Economic Zone and the Shoreline and Nearshore of Alaska”

<https://www.whitehouse.gov/presidential-actions/memorandum-ocean-mapping-united-states-exclusive-economic-zone-shoreline-nearshore-alaska/>

- **Ashley Chappell**, Integrated Ocean and Coastal Management and CMTS Arctic lead, OCS/NOS/NOAA
- **Dr. Larry Mayer**, HSRP member and co-Director, University of New Hampshire, Center for Coastal Ocean Mapping and NOAA-UNH Joint Hydrographic Center
- **Speaker TBA**

2:00 – 3:15 ***Partnerships and Priorities: Collaboration for Mapping in the Pacific Region***

Moderators and introduction:

Joyce Miller, former HSRP member; **Captain Rick Brennan**, Chief, Hydrographic Surveys Division, OCS, NOS, NOAA;

Across the U.S. Pacific, much of the EEZ is still unmapped. NOAA, federal, academic, commercial partners, and users and stakeholders discuss current and future projects, gaps, and priorities for mapping, data and services. Speakers offer suggestions for how NOAA can direct its finite resources to enhance sound, efficient, and environmentally sound maritime operations.

- **Dr. Jennifer Samson**, ESD, Pacific Islands Fisheries Science Center, National Marine Fisheries Service
- **Dr. Tina Neal**, Scientist-in-Charge, U.S. Geological Survey Volcano Observatory
- **Dr. Carlie Wiener**, Director, Marine Communications, Schmidt Ocean Institute
- **Speaker TBA**

3:15 – 3:30 **Public comment period – in room; written comments via webinar/email**

3:30 – 3:45 **Break**

3:45 – 4:30 **HSRP discussion – Presidential ocean mapping memo and other priorities
Planning and Engagement working group (P&E WG)**

Julie Thomas and Dave Maune, chairs, P&E WG

4:30 – 5:15 ***Opportunities and Challenges for the Navigation Services Portfolio***

National Ocean Service’s office directors address navigation services such as the 2022 updates to the National Spatial Reference System (NSRS), datums, the ocean mapping plan, surveying, charting, remote sensing, photogrammetry, positioning, and water levels in support of “seamless data.”

- **Juliana Blackwell**, director, National Geodetic Survey (NGS)
- **Richard Edwing**, director, Center for Operational Oceanographic Products and Services (CO-OPS)
- **Rear Admiral Shepard M. Smith**, director, Office of Coast Survey (OCS)

5:15 – 5:30 **Recap and day 1 wrap up**

HSRP PUBLIC MEETING DAY 1 ADJOURNS

Wednesday, April 29 – Day Two

Morning **HSRP PUBLIC MEETING DAY 2 CONVENES**

8:30 – 9:30

- **Ed Saade**, HSRP chair and **Rear Admiral Shepard M. Smith**, DFO, OCS, NOS, NOAA
Day 2 recap and discussion

9:30 – 10:30 **HSRP working group discussions – priorities, issue papers, next steps**

- **Planning and Engagement working group (P&E WG) discussion**
Julie Thomas and **Dave Maune**, chairs
HSRP matrix of topics, planning for future meetings
Issue papers and proposals: emergency response / AI, Alaska mapping
- **Arctic Priorities Working Group, Captain Ed Page**, chair
Presidential Memorandum, “Ocean Mapping of the United States Exclusive Economic Zone and the Shoreline and Nearshore of Alaska”
- **Technology Working Group, Lindsay Gee, Deanne Hargrave**, co-chairs

10:30 – 10:45 **Break**

10:45 – 11:45 **Stakeholder Perspectives: Sustaining a Vulnerable Supply Chain in Hawaii**

Moderator and introduction: Capt. Anne McIntyre, HSRP member, **Captain Tom Heberle**, president, Hawaii Pilots Association, and **Captain Chris VanWestendorp**, Chief, Navigation Services Division, OCS/NOS/NOAA

Hawaii relies almost entirely on the marine transportation system for delivery of day to day goods. Stakeholders discuss the vulnerabilities within this supply chain and how they rely on NOAA’s navigation products, data and services to sustain it.

- **Derek Chow**, Deputy Director, Hawaii DOT-Harbors Division
- **Blaine Gemeno**, Sause Brothers (invited)
- **Whit Olson**, Foss Maritime (invited)
- **Ethan Creps**, Matson Navigation (invited)

11:45 – 12noon **Public comment period**

12:00 – 12:15 **HSRP Day 2 wrap up**

HSRP DAY 2 ADJOURNS

Thursday, April 30 – Day Three

Morning **HSRP PUBLIC MEETING DAY 3 CONVENES**

8:30 – 9:30 **Public meeting reconvenes and day 2 recap:**

Ed Saade, HSRP chair and **Rear Admiral Shepard M. Smith**, DFO, OCS, NOS, NOAA

9:30 – 11:45 **The Role of the Pacific ‘Ohana in Keeping Your Feet Dry on the Shoreline: NOS and NOAA’s Flooding, Inundation, Sea Level Data, Products and Services**

Measuring, monitoring, and mitigating flooding and sea level change in Federal, State, regional and local projects in Hawaii and the Pacific Islands and the contribution of NOAA’s critical foundational data. Feedback from science, service, and stewardship stakeholders on the ability of current NGS, CO-OPS, and OCS resources to address sea-level rise questions and needs.

Moderators: **Julie Thomas**, HSRP member, and **Melissa Iwamoto**, Director, PacIOOS

Overview: **Nicole LeBoeuf**, acting assistant administrator, NOS, NOAA

- **Dr. Charles “Chip” Fletcher**, Associate Dean for Academic Affairs, Professor, Department of Earth Sciences, School of Ocean and Earth Science and Technology, University of Hawai’i at Mānoa, and Vice-Chair of the Honolulu Climate Change Commission
- **Jessica Podoski**, PE, Coastal Engineer, U.S. Army Corps of Engineers, Honolulu District
- **John Marra**, Director, NOAA Regional Climate Services

10:45 – 11:00 **Break**

- **Edwin Sniffen**, Deputy Director, Hawaii DOT-Highways Division
- **Ray Tanabe**, Director, Pacific Region, NOAA’s National Weather Service
- **Tara Owens**, Coastal Processes and Hazards Specialist, University of Hawaii Sea Grant Program, Science and Technical Advisor to Country of Maui

“Bridging the Gap Between Science and Coastal Management in Hawaii”

A look at some of the ways that sea level rise is already affecting Maui communities and provide some examples of how Maui is adapting by using science-based coastal management approaches.

- **Edward Carlson**, Pacific Region Geodetic Advisor, National Geodetic Survey, NOS, NOAA

11:45 **Public comment period**

12:00 – 1:15 **Lunch on your own** (HSRP members have a working lunch)

Afternoon **HSRP PUBLIC MEETING RECONVENES**

1:15 – 2:15 **Expert updates and flash presentations, Laura Rear McLaughlin**, moderator

- **Mike Aslaksen**, Chief, Remote Sensing Division, NGS; topic: lidar and hydrographic surveys, unmanned aerial systems and hydrographic operations/training
- **Galen Scott**, NGS; topic: TBD
- **Lucy Hick**, Customer Affairs Branch, NSD, OCS; topic: Raster Chart Sunset Plan
- **Laura Rear-McLaughlin**, CO-OPS; topic: National Tidal Datum Epoch update
- Other speakers / topics TBA

2:15 – 3:30 **HSRP working groups follow-up: priorities, issue papers, recommendations**

3:30 – 3:45 **Break**

3:45 – 4:45 **HSRP member discussion on recommendations and HSRP round robin**

4:45 – 5:00

HSRP meeting recap and closing comments

5:00

Closing Hawaiian cultural protocol, Kalani Quiocho

HSRP DAY 3 and PUBLIC MEETING CONCLUDES

ADMINISTRATIVELY CONFIDENTIAL