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## Tuesday, February 28 – Day One

**MEETING ROOM:** Embassy Suites by Hilton San Juan Hotel & Casino, Tropicos ballroom

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### HSRP PUBLIC MEETING DAY 1 CONVENES

*\*All times are Atlantic Standard Time (AST).*

#### 9:00 – 10:05 Opening and welcome

- **Julie Thomas**, Chair, NOAA HSRP Federal Advisory Committee
- **Representative Stacey Plaskett**, U.S. Congress, U.S. Virgin Islands (video)
- **Rear Admiral Benjamin Evans**, Director, Office of Coast Survey (OCS), National Ocean Service (NOS), NOAA, and HSRP Designated Federal Officer (DFO)
- **Nicole LeBoeuf**, Assistant Administrator for Ocean Services and Coastal Zone Management, NOS, NOAA

#### 10:05 – 10:15 Break

#### 10:15 - 10:50 An Update on NOAA's Fleet and Aircraft Modernization and Recapitalization and Uncrewed Systems

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

An update to the NOAA Fleet and Aircraft Modernization and Recapitalization and uncrewed systems.

#### 10:50 – 11:40 Partnerships, Priorities and Collaborations for the U.S. Caribbean - Local, Commonwealth and Federal Perspectives, part 1

**Moderators:** Julie Thomas and Nicole LeBoeuf, NOS Assistant Administrator

- **Captain José E. Díaz**, Commander, Sector San Juan, Captain of the Port PR/USVI, U.S. Coast Guard
- **Sharon M. Rodríguez Hernández**, Deputy, Programs and Project Management, South Atlantic Division Commander, Jacksonville District 7, U.S. Army Corps of Engineers
- **Cristina Cabrera**, Special Assistant to the Secretary and Acting Director Office of the Coastal Zone Management Program and Climate Change, Puerto Rico, for: **Alberto Mercado Vargas**, Undersecretary of the Department of Natural and Environmental Resources, Puerto Rico

#### 11:40 – 12 Overview of U.S. Caribbean Islands Perspective

- **Roy A. Watlington**, Board of Directors, Caribbean Coastal Ocean Observing System (CARICOOS)

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**12:00 – 1:30 Lunch on your own** (HSRP members have a working lunch)

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### 1:30 – 2:15 Partnerships, Priorities and Collaborations for the U.S. Caribbean - Local, Commonwealth and Federal Perspectives, part 2

**Moderators: CDR Brianna Hillstrom, NOS, and Nicole LeBoeuf, NOS Assistant Administrator**

- **Ernesto Rodriguez**, Acting Meteorologist in Charge, National Weather Service, NOAA
- **Chris Moore**, Hurricane Program Manager, Operational Planning Branch, FEMA Region 2
- **Jeremy McMaster**, Emergency Support Function #1 Representative, Regional Emergency Transportation Representative, U.S. Department of Transportation/Federal Aviation Administration

### 2:15 – 3:15 Opportunities and Challenges for the NOS's Navigation Observations and Positioning Portfolio

*National Ocean Service's office directors describe recent activities within their offices such as the update to the National Spatial Reference System (NSRS), datums, Seabed 2030, NOMECE and the Standard Ocean Mapping Protocol, surveying, charting, uncrewed systems, remote sensing and lidar, photogrammetry, positioning, sea level rise and water levels in support of "seamless data."*

- **Juliana Blackwell**, Director, National Geodetic Survey (NGS) (remotely)  
*"NGS Program Updates and Outlook."* A review of recent NGS accomplishments and a look at what lies ahead. (Presenting remotely)
- **Rear Admiral Benjamin Evans**, Director, OCS and HSRP DFO  
*"OCS Strategic Planning, Updates and Outlook."* Coast Survey's vision and initiatives for developing data based products and services.
- **Marian Westley**, Deputy Director, Center for Operational Oceanographic Products and Services (CO-OPS)  
*"CO-OPS Program Updates and Outlook."* A review of recent CO-OPS accomplishments and a look ahead to FY24.
- **Dr. Larry Mayer and Capt. Andy Armstrong**, Co-Directors, NOAA-University of New Hampshire Joint Hydrographic Center  
*"Joint Hydrographic Center Research Projects."* An overview of recent progress on select research tasks and a preview of 2023 research priorities for the NOAA/University of New Hampshire Joint Hydrographic Center.

### 3:15 – 3:30 Break

### 3:30 – 4:30 HSRP members/directors discussion

- **Ed Saade, HSRP member** The operational sustainability of the fleet, contracts, and carbon topics.

### 4:30 – 5:00 Request for HSRP comments on "NOMECE Standard Ocean Mapping Protocol (SOMP)"

- **Ashley Chappell**, Team Lead, NOAA Integrated Ocean and Coastal Mapping program, NOS  
*"NOMECE Standard Ocean Mapping Protocol (SOMP)".* An update on NOMECE mapping standards.

### 5:00 – 5:15 Public comment period – comments directed to the HSRP members

### 5:15 – 5:30 Wrap up

- **Julie Thomas**, HSRP chair and **Rear Admiral Benjamin Evans**, OCS, NOS, NOAA and HSRP DFO

### 5:30 HSRP PUBLIC MEETING DAY 1 ADJOURNS

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## Wednesday, March 1 – Day Two

**MEETING ROOM:** Embassy Suites by Hilton San Juan Hotel & Casino, Tropicos Ballroom

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### HSRP PUBLIC MEETING DAY 2 CONVENES

*\*All times are Atlantic Standard Time (AST).*

**8:30 – 9:15**

**Recap and discussion of day 1 and round robin with all members**

- **Julie Thomas**, HSRP chair and **Rear Admiral Benjamin Evans**, OCS, NOS, NOAA and HSRP DFO

**9:15 – 10:45 Stakeholder Perspectives on Maritime Transportation and Navigation: Opportunities and Vulnerabilities**

*How do stakeholders rely on NOAA's navigation products, data and services that will enable further economic growth and the shipping industry.*

**Moderator and introduction: Captain Alex Cruz**, HSRP member, and **Dr. Nicolás Alvarado**, Navigation Manager Navigation Services Division, OCS/NOS/NOAA

- **Captain Javier Figueroa**, General Manager, Moran Towing
- **Clarivette Díaz Sosa**, President, Puerto Rico Shipping Association and General Manager, Tropical Shipping
- **Bren Wade**, Marine Compliance Manager, Crowley Puerto Rico
- **Captain Nicolette Vaughan**, Chief, Office of Prevention 7th Coast Guard District
- **Captain Tomas Busto**, San Juan Bay Pilot

**10:45 – 11:00 Public comment period - comments directed to the HSRP members**

**11:00 – 11:15 Break**

**11:15 – 11:45 HSRP working group discussion – priorities, issue papers, comments**

- **HSRP Planning and Engagement working group (P&E WG) discussion, Julie Thomas, chairs;** HSRP discussion and comments on topics such as the HSRP issue papers, follow up on geodesy crisis, Public Private Partnerships, and other topics

**11:45 – 12:00 HSRP Day 2 wrap up**

**HSRP DAY 2 ADJOURNS**

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## Thursday, March 2 – Day Three

**MEETING ROOM:** Embassy Suites by Hilton San Juan Hotel & Casino, Tropicos ballroom

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### HSRP PUBLIC MEETING DAY 3 CONVENES

*\*All times are Atlantic Standard Time (AST).*

**8:30 – 9:45 Public meeting reconvenes and day 2 recap:**

**Julie Thomas**, HSRP chair and **Rear Admiral Benjamin Evans**, OCS, NOS, NOAA and HSRP DFO

**9:45 – 11:00 Coastal Resilience Planning in the U.S. Caribbean Using NOAA’s Flooding, Inundation, Sea Level Data, Products and Services**

*Measuring, monitoring, and mitigating flooding and sea level change in Federal, Commonwealth, regional and local projects in the U.S. Caribbean 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.*

**Introductions and Moderators:** **Dr. Nicole Elko**, HSRP member and **Ernesto Diaz**, Caribbean Regional Manager - Lead Climate and Coastal Scientist, Nature-based Solutions Designer, Tetra Tech Architects and Engineers

- **Dr. Maritza Barreto-Orta**, Principal Investigator and geological oceanographer, University of Puerto Rico
- **Dr. Legna M. Torres-García**, Research Oceanographer, Coastal and Marine Science Center, U.S. Geological Survey
- **Fernando Pagés Rangel**, PE, Director, Tetra Tech

**11:00 Public meeting reconvenes**

- **Representative Jenniffer González-Colón**, U.S. Congress, Resident Commissioner, PR

**11:15 – 11:25 Break**

**11:25 – 12:15 CARICOOS: Observing Assets and Products in Support of the Maritime Sector**

**Moderator:** **Julio Morell**, Principal Investigator and Executive Director, CARICOOS

- **CARICOOS: Our Journey** (video)
- **Patricia Chardón-Maldonado**, Deputy and Technical Director, CARICOOS

**“CARICOOS: A Responsive Stakeholder-Driven Observing System Addressing Regional and National Needs in the U.S. Caribbean for Decision Support”**

- **Miguel Canals**, founder, Professor and Co-Director of the UPRM Center for Applied Ocean Science and Engineering and CARICOOS

**“High-resolution Numerical Modeling for the Development of Decision Support Tools”**

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**12:15 – 1:30 Lunch on your own** (HSRP members have a working lunch)

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**Afternoon**                    **HSRP PUBLIC MEETING RECONVENES**

**1:30 – 1:45 Public comment period** – targeted to the HSRP members

**1:45 – 3:15 HSRP discussion**

- **Standard Ocean Mapping Protocol (SOMP)**, Ashley Chappell
- **Technology Working Group**, Dr. Qassim Abdullah, Capt. Anuj Chopra, chairs
- **Arctic Working Group**, Nathan Wardwell, chair
- **Planning and Engagement Working Group**, Julie Thomas and Nathan Wardwell  
Priorities, recommendations, ongoing interests, issue papers, priority matrix, future meetings
- **Free discussion**, Julie Thomas and Nathan Wardwell

**3:15 – 3:30 Break**

**3:30 – 4:30 HSRP member discussion on recommendation letter and HSRP round robin recap and closing comments** – Julie Thomas and RDML Ben Evans

**4:30 Meeting concludes**

**HSRP DAY 3 and PUBLIC MEETING CONCLUDES**

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