Hydrographic Services Review Panel and the IOOS Federal Advisory Committee

Presented by
Bill Hanson, Co-Chair
Susan Shingledecker, Member

April 30, 2015
Statutory Committee

- Established by the Secretary of Commerce as directed by
  - Public Law 107-372, Hydrographic Services Improvement Act Amendments of 2002 (HSIA), and subsequent amendments.

- Charged with advising the NOAA Administrator on matters related to the responsibilities and authorities set forth in
  - Section 303 of the HSIA, as amended
  - Other appropriate matters as the NOAA Administrator refers to the HSRP for review and advice
Areas of Responsibility

- Hydrographic surveying
- Shoreline mapping
- Nautical charting
- Water level and current measurements
- Geodetic, geospatial and geomagnetic measurements
- Conservation and management of coastal and ocean resources
- Other appropriate matters the NOAA Administrator refers to the HSRP for review
Membership

- 15 voting and 4 non-voting members
- Terms of office – 4 years, except to fill vacancies
- Member areas of expertise include:
  - hydrographic services
  - marine transportation
  - port administration
  - vessel pilotage
  - geospatial or geodetic surveying
  - tide, current and water levels
  - recreational boating
  - oceanography
  - coastal or fishery management
- Meetings are held biannually
Recommendations to Improve Navigation Services

- Robust funding for charting, navigation and positioning information
- Strengthened mechanisms for effective interagency collaboration and funding
- Support for navigation services as a key component of our port and waterway infrastructure investment
- Improved shallow water bathymetry
- Ability to capture crowdsourced data for emerging areas.
- Efficient use of NOAA fleet and maintaining fleet capabilities
Strategic Requests of HSRP from NOAA Administrator

• Prioritizing traditional navigation and emerging resilience-oriented needs
  – What criteria NOAA should consider when determining surveying priorities?
• Prioritizing U.S. Arctic charting and balancing those needs with other national charting needs, particularly given fiscal constraints.
  – What criteria should NOAA consider to prioritize its national mission between US Arctic and rest of the U.S.?
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<tr>
<th>HSRP Priorities</th>
<th>IOOS Priorities</th>
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<tbody>
<tr>
<td>Engage stakeholders</td>
<td>Raise visibility and support for IOOS.</td>
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<td>Make coastal resilience better through coastal intelligence</td>
<td>Have IOOS support resilient solutions</td>
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<td>Leverage NOS foundational data</td>
<td>Facilitate ICOOS reauthorization</td>
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<td>Prioritize charting between navigation and resilience needs</td>
<td>Provide quality management indicators</td>
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<td>Select ports for precise navigation</td>
<td>Meet post certification challenges</td>
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<td>Determine charting priorities between existing and emerging navigation areas</td>
<td>Integrate industry</td>
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HSRP

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