

Issue: Coastal Intelligence Breakout Session Tasks and Outcomes

Assigned To: Coastal Intelligence Breakout Panel Members

Background: Decision makers in coastal communities need actionable information to make informed choices for the safety of coastal residents, environmental protection, and economic decisions. Coastal Intelligence (CI) is the source for this information. Coastal Intelligence includes observations (physical, chemical and biological), measurements, models, monitoring, assessment, analysis, and the forecasts, tools, products, and services that derive from these valuable foundational geospatial data. Coastal Intelligence provides timely, actionable information, developed from reliable and authoritative science to provide insight into present and future conditions in the coastal zone.

Tasks:

- 1) The Coastal Intelligence Breakout Session is asked to consider all information presented to date regarding Coastal Intelligence with emphasis on the [NOS Roadmap](#) and provide views on:
 - a. The roles that are emphasized within the [NOS Roadmap](#) for NOAA's hydrography and charting capabilities to support Coastal intelligence.
 - i. Do you agree with what is identified?
 - ii. Are there additional roles not identified?
 - iii. Are there gaps that need to be filled?
 - iv. What would be your prioritized list of CI efforts for OCS, COOPS, and NGS?
 - v. Would these efforts be better focused elsewhere?
- 2) Precision navigation is the specialized case of CI where navigating larger vessels in limited sea room can benefit from better observations, forecasts, and high resolution bathymetry products.
 - a. What criteria can be considered/used to prioritize ports, harbors or other confined waterways for focused efforts to deliver precise navigation products and services?

- 3) Views from the panel members on the interdependencies between Coastal Intelligence and Coastal Resilience.
 - a. Are the interdependencies evident or correctly identified in the [NOS Roadmap](#)?
 - i. What should be emphasized?
 - ii. What is missing?
 - b. Based on your response of what is missing what should NOAA consider prioritizing hydrography and charting capabilities in the future?
- 4) Please generate an outline document of your answers to the above as well as other items you feel important to serve as a basis for development of HSRP letters and reports.