



**NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY**  
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# **S-127 Test Data Set Expansion “The Way Forward”**

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## “How We Got Here”

- Canadian Hydrographic Service (CHS) requested the S-127 (Marine Traffic Management) Test Data Set be expanded to include bridges, canals, and locks.
- NIPWG Chair delegated NGA to research the request and provide further information to NIPWG.
- Paper submitted (NIPWG 8-22.1)/presentation made at NIPWG 8 VTC (23-25 March 2021) for inclusion of Bridges and Locks into an expanded S-127 Test Data Set.



## “The Way Forward”

- Add the new Bridges and Locks information into the expanded S-127 Test Data Set.
- Integrate Bridges and Locks into the S-127 Product Specifications/UML diagrams/Digital Capture and Encoding Guide:
  - ❖ What new Features and Attributes would need to be developed for the updated Product Specification, if any?
  - ❖ Looking for help to complete this development.
- In accordance with M-3 IHO Resolution 2/2007 as amended, submit the updated S-127 Product Specifications as a Revision (amended to Version 1.1.0) to HSSC 14.



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# Questions?

# Comments?