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CIRCULAR LETTER N° 26  
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## SURVEY ON THE USE OF AI-ENABLED SOLUTIONS IN HYDROGRAPHY AND CARTOGRAPHY

Dear Hydrographer,

1. Artificial Intelligence (AI) is rapidly advancing across many sectors and is increasingly influencing the way we work. In recognition of this development, the IHO-Singapore Innovation and Technology Laboratory (IHO-Singapore Lab) is exploring the potential application of AI technology within the hydrographic and cartographic domain, with the ambition to supporting Member States in embracing this emerging technology.
2. While the use of AI in the field of hydrography is still at a relatively early stage, its potential is significant. Member States may currently be at varying levels of awareness, exploration, or adoption of AI technologies. The IHO-Singapore Lab is committed to supporting all Member States — regardless of their current level of engagement — in identifying practical opportunities for the application of AI in their operations.
3. Prior to developing a detailed proposal or programme of work in this area, the IHO-Singapore Lab considers it essential to first establish a clear understanding of the current landscape. Specifically, it is important to assess the existing levels of AI technology knowledge and adoption across Member States, in order to ensure that any future activities are appropriately targeted and relevant.
4. The findings of this survey will serve to:
  - (a) Identify gaps in AI technology knowledge and capacity among Member States;
  - (b) Highlight best practices and innovative use cases already in operation; and
  - (c) Inform the development of targeted support, resources, and initiatives to facilitate wider AI tools adoption across the hydrographic community.
5. In this regard, the IHO-Singapore Lab cordially invites Member States to participate in a questionnaire on the current and potential use of Artificial Intelligence in hydrographic and cartographic operations and workflows. The questionnaire is open to all Member States, including those that have not yet begun to explore the use of AI in their work. Participation will take approximately 10 minutes.

The questionnaire is accessible via the following link: [\[Survey Link\]](#)

6. The results of this survey will be compiled and shared with all Member States to facilitate knowledge sharing and to support the broader adoption of AI technologies within the IHO

community. It is hoped that the collective insights gathered will help accelerate learning, reduce duplication of effort, and foster collaboration across Member States.

7. Member States are kindly requested to complete the questionnaire **no later than 12 June 2026**. Should you have any questions or require further information, please do not hesitate to contact the IHO-Singapore Lab at [Eric\\_FOO@mpa.gov.sg](mailto:Eric_FOO@mpa.gov.sg).

Yours sincerely,

A handwritten signature in black ink, appearing to read 'J. Nyberg', written in a cursive style.

Dr John Nyberg  
IHO Director