NHC Input to the IHO Strategic Plan review

General comments

- Maintain the three main goals in its general understanding but update and refine targets to better align with strategic objectives.
- Review and update targets under each goal to ensure they are specific, measurable, and aligned with broader strategic aims and specific goals.
- SPI's should be objectively reviewable, applicable across all member states, and ideally - based on data collected by the IHO Secretariat. Principles should allow for the use of data to assess SPI's, possibly through tools like IntoGIS. Draw inspiration from previous successful frameworks and adapt to national or regional needs.
- Clearly identify targets and assign review responsibilities, ensuring the strategy's objectives and progress are transparent and measurable.
- More precise targets on of the development of standards, specifications and services.
- SPIs reflecting the development status of S-100 standards, specifications and guidance based on Phase 1, Phase 2, etc. and measure success against planned timelines.
- S-100 implementation (production and dissemination) success should be measured by Member States. The coverage % is the most reliable SPI for most S-100.

Goal 1:

- Be clear that hydrography is more than bathymetry
- Better interdependency between e-navigation and S-100 implementation
- Focus and priority for S-100 products that are needed on ECDIS mandated vessels for route monitoring (Phase 1) and planning (Phase 2).
- Emphasis safety of navigation
- Recognize the importance of robust IHO S-100 Infrastructure suggesting its inclusion as specific target under goal 1
- It is obvious that we need to add a new object for the next Strategic Plan "To ensure operability and sustainability of the S-100 framework".
- Integrate capacity-building targets related to charting, digitization, satellite processing, and digital twins within each goal to foster global hydrographic competency
- Competency and Learning Exchange: facilitate mutual learning and skill development among member states
- More comprehensive guidance and requirements for S-100 product dissemination (S-100 services). Needs to be done in cooperation with other international organizations (IMO, IALA, IEC).
- We should define what to include in S-100 Phase 3.

Goal 2:

- Delete target 1, IHO will not build a MSDI portal but improve IHO GIS tools
- Expand the scope of depth data collection and use beyond traditional methods, promoting societal benefits and climate change mitigation.
- Promote innovative depth data collection (including satellite mapping) and modeling to support both navigation safety and broader societal needs
- Consider focusing Goal 2 primarily on depth data, leveraging advancements in new technology for charting. Making depth data available for society in the best way possible.

- Using hydrographic data, and the IHOs data competencies to play a role in mitigating and modelling climate change-related changes.

Goal 3

- More clear connection to eco-system based Marine Spatial Planning and support of blue economy.
- Link to UN SDG's and UN Decade Ocean Research for Sustainable Development
- Strengthen IHO's role as a global player by integrating navigational safety, depth data, and other marine data, emphasizing collaboration, data alignment, and a broader narrative on the benefit of hydrography
- Enhance partnerships with IMO, IALA, IOC, WMO and other relevant organizations to bolster IHO's global presence and effectiveness.
- Enhancing IHO's Visibility and International Positioning: Implement strategies to make IHO more known and better positioned within the international governmental landscape
- Maritime data at large: hydrography as support for initiatives such as the Digital Twin and general knowledge on our oceans: this may also include initiatives such as promoting Marine Protected Areas.
- Using the IHO competencies to both serve the broader society, but also as a tool to position the IHO and hydrography more broadly in the world.
- Closer cooperation between IHO, IALA, WMO, IEC, CIRM, and IMO in order to avoid overlaps with conflicts or gaps.