Members, Associate Members and Observer States

**Coastal State:**

| **GOAL** | **Target** | **Current State** | **Gap** | **Actions** |
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| **Goal 1: Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation** | * Deliver standards for hydrographic data and specifications of hydrographic products; support their regular production; and coordinate regional and global services for their provision * Develop standards, specifications and guidelines in the areas of data assurance, including cyber security and data quality assessment * Use capacity building and training to develop and increase the ability of Member States to support safety and efficiency of maritime navigation | e.g.   * refer to Strategic Performance Indicators (SPI) * IHO Universal Hydrographic Data Model (S-100) not implemented * engagement in IHO and SWPHC WGs * refer to current state of SWP PICTs IHO Capacity Building Strategy -SWPHC17 Feb 2020 | e.g.   * no operationalised production and distribution of S-100 data products and services * limited capability and resources to meet the requirements and delivery of the S-100 implementation plan * lack of support from Government institutions for maritime navigation * lack of understanding of maritime navigation transformation | e.g.   * participation of Coastal State at the IHO and SWPHC WGs and Committee levels * assistance sought from IHO, Primary Charting Authority, SWPHC, SPC, IALA, IMO * ensure adequate institutional arrangements in place for Hydrographic Governance * capacity building activities through IHO capacity building strategy or other donor organisations * engage with relevant Government departments and the Maritime Safety Authority to increase aware and support for e-Navigation * prepare business case for e-Navigation strategy |

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| **GOAL** | **Target** | **Current State** | **Gap** | **Actions** |
| **Goal 2: Increasing the use of hydrographic data for the benefit of society** | * Build a portal to support and promote regional and international cooperation in marine spatial data infrastructures (MSDI) * Promote new tools and methods to accelerate and increase coverage, consistency, quality of surveys in poorly surveyed areas * Apply [UN shared guiding principles for geospatial information management](http://ggim.un.org/meetings/GGIM-committee/documents/GGIM5/statement%20of%20shared%20guiding%20principles%20flyer.pdf) in order to ensure interoperability and extended use of hydrographic data in combination with other marine-related data | e.g.   * refer to Strategic Performance Indicators (SPI) * FAIR data principles (Findable Accessible Interoperable and Reusable) accepted and implemented * UN-GGIM Integrated Geospatial Information Framework (IGIF) action plans developed * refer to IHO Publication C-55 Status of Hydrographic Surveying and Nautical Charting Worldwide * use of IHO S-44 | e.g.   * multiple areas inadequately surveyed * data is poorly managed, unavailable and not shared i.e. open, free and unrestricted | e.g.   * engage with PCA to prepare hydrographic survey programme * prepare survey specifications using IHO S-44 * Implement FAIR data principles * Implement UN-GGIM IGIF * Provide data to existing portals, such as IHO DCDB * assistance sought from IHO, Primary Charting Authority, SWPHC, SPC, IALA, IMO |

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| **GOAL** | **Target** | **Current State** | **Gap** | **Actions** |
| **Goal 3: Participating actively in international initiatives related to the knowledge and the sustainable use of the Ocean** | * Collaborate with other bodies who deliver capacity-building and training to improve effectiveness of capacity-building activities and programmes * Improve knowledge of the world's seafloors * Implement a comprehensive IHO digital communication strategy in order to enhance its visibility and accessibility to its work | e.g.   * refer to Strategic Performance Indicators (SPI) * no MSI capability * engage with SWPHC CB activities * lack of knowledge and awareness of UN Decade of Ocean Science or Seabed 2030 Project * data contributed to IHO Data Centre for Digital Bathymetry (DCDB) and Seabed 2030 * CSB initiatives supported * no digital communications strategy for hydrography | e.g.   * need to achieve IHO CB Strategy Phase 1 * increase Government knowledge and support for UN Decade of Ocean Science * seafloor data is poorly managed, unavailable and not shared i.e. open, free and unrestricted * no support for hydrography comms | e.g.   * engage with regional CB activities i.e. SWPHC, SPC, IALA, IMO and bilateral development programmes * engage with Government institutions to gain support for international ocean initiatives * prepare policy paper to release seafloor data to the IHO DCDB and Seabed 2030 * engage with Seabed 2030 Project to install bathymetric data loggers for CSB initiatives * seek support to develop a communications strategy * contribute papers to the IHR and other seabed publications * develop social media strategy |