

# 18<sup>th</sup> Meeting of the South West Pacific Hydrographic Commission

## IHO Revised Strategic Plan 2021-2026

### GOAL 1 gap analysis summary

[France, Shom]



**IHO**

International  
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South West Pacific Hydrographic Commission



# GOAL 1 gap analysis : common issues

GOAL 1	Target	Current State	Gap	Actions
Evolving the hydrographic support for safety and <b>efficiency</b> of maritime navigation, undergoing profound transformation	<ul style="list-style-type: none"> <li>• Deliver standards for hydrographic data and specifications of hydrographic products; support their regular production; and coordinate regional and global services for their provision</li> <li>• Develop standards, specifications and guidelines in the areas of data assurance, including cyber security and data quality assessment</li> <li>• Use capacity building and training to develop and increase the ability of Member States to support safety and efficiency of maritime navigation</li> </ul>	<ul style="list-style-type: none"> <li>• Some SWPHC members involved in relevant IHO committees, WGs and PTs related to S-100 (HSSC, S-100WG, S1xx-PT, ENCWG, WENDWG...) [AU, FR, ID, NZ, UK, US]</li> <li>• Some SWPHC HOs setting up S-100 implementation roadmaps</li> <li>• Some joint reflection with national bodies involved in navigation matters through governmental initiatives : e-navigation strategy and supply of digital products and services</li> <li>• Good coordination at national scale of data governance by including international standards</li> </ul>	<ul style="list-style-type: none"> <li>• No operationalized production and distribution of S-100 data products and services yet</li> <li>• No operational standards for most of S-1XX products</li> <li>• Need for additional capacity to manage the transition from existing products to S-1xx products</li> </ul>	<ul style="list-style-type: none"> <li>• Share and develop S-100 implementation strategy iteratively, in line with user demand and needs, and taking into account IHO/IMO timeline,</li> <li>• Carry out studies, experimentations, with partners and the hydrographic community to prepare the production of S-1xx</li> <li>• Engage with national relevant bodies to define e-navigation strategy and distribution of electronic data, products and services</li> <li>• Develop SWPHC MSDI WG in line with the UN SDG based on UN-GGIM IGIF</li> </ul>

# GOAL 1 gap analysis : potential leads

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- **To strengthen user and technical support for HO's products and services**
  - To develop **MSDI portals** with digital tools to support customers in their use of data
  - To **assist private companies and stakeholders** in hydrographic survey specifications and data assessment (based on IHO S-44 new edition) : because a better quality of hydrographic surveys makes it easier to compute derived products and service
- **To set up Governance-Risk-Compliance tools to manage the hydrographic activity (and possible automation of these tools)**
  - To identify risky areas for navigation and assessing the conformity of available data
  - To identify priorities for national survey planning
  - To optimize the use of survey means
- **To increase capacity building courses in S-100 implementation**



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