

4th Meeting of the South West Pacific Hydrographic Commission Marine Spatial Data Infrastructures Working Group MINUTES

2 February 2022 - 22:00 GMT

Attendees:

Rachel Gabara (RG)	NZHA Manager Hydrographic Data and Products	Land Information New Zealand
Robert Cario (RC)	International Chart Coordination Working Group	Australian Geospatial-Intelligence Organisation
Pip Bricher (PB)	Data Officer	Southern Ocean Observing System
Nicholas Pion (NP)	Hydrographer	National Maritime Safety Authority PNG
Jace H Ebben (JE)	Data Architect	National Geospatial-Intelligence Agency
Salesh Kumar (SK)	Safety of Navigation and Hydrographic Officer	South Pacific Community
John Nyberg (JN)	Deputy National Hydrographer	National Oceanic & Atmospheric Administration
Vice Chair Paul Sliogeris (PS)	Director Maritime Data Infrastructure	Australian Geospatial-Intelligence Organisation
Chair Helen Phillips (HP)	Data Governance & Production Engineering Group Manager	UK Hydrographic Office

Apologies:

Tara Martin (TM)	Acting Facilities Program Director, Marine National Facility	Commonwealth Scientific and Industrial Research Organisation
Pearlyn Pang (PP)	Manager (Geo-Space SEA)	Maritime and Port Authority of Singapore

Review of actions and minutes from previous meeting	<p>Minutes from the 3rd Meeting of the SWPHC MSDI WG accepted as true and correct.</p> <p>It was agreed to change this meeting's agenda and defer the third item "Regional Experiences in SDI – A presentation from the Pacific Data Hub" by SK, to the next (5th) working group meeting.</p> <p>Actions from previous meeting was discussed and tracked in the SWPHC MSDI WG Action Log register (listed here after the minutes).</p> <p>The group discussed action relating to local policies wrt indigenous data governance and sovereignty, and RG gave a verbal update on an upcoming NZ based data sharing-mesh project commencing in July 2022. Group desires an online platform to share material.</p> <p>Action (HP): To investigate hosting a MS Teams space to share WG material</p>
Introduction to IGIF-Hydro	<p>The group warmly welcomed JN and the presentation on IGIF-H, and noted PP's apology.</p> <p>JN and PP co-chair the UN-GGIM Working Group on Marine Geospatial Information. Jonathan Pritchard (IIC Technologies) is noted as the primary author of the document.</p> <p>The Integrated Geospatial Information Framework (IGIF) is a living document, last updated in Jan 2022, and is meant to be presented in three parts;</p> <ol style="list-style-type: none"> 1. Why? Vision, mission statement

	<p>2. What? Action, design, and plan</p> <p>3. National Implementations (own local interpretations/guides)</p> <p>IGIF-H is the operational framework for integrated marine geospatial information, and the “Hydro” represents the full spectrum of marine domain management, through the provision of examples and best practice guides.</p> <p>Addressing UN Sustainable Development goal 14: Life below water.</p> <p>IGIF-H is in two parts;</p> <ol style="list-style-type: none"> 1. Background challenges and what <i>value proposition</i> means 2. Strategic pathways. For example NZ work on the land/sea interface, and AUS work on maritime boundaries. <p>Value propositions are being developed to better communicate importance of IGIF-H to senior executives and decision makers. Development of these propositions is a team effort and all are encouraged to contribute.</p> <p>HP thanked JN for the presentation and recognises the huge amount of work.</p>
<p>Regional experiences in SDI</p>	<p>Item deferred to next (5th) working group meeting.</p>
<p>SWPHC Hydro Leadership Programme – mentoring opportunity</p>	<p>The Working Group discussed the recent call for nominations for the SWPHC Hydrographic Leadership Programme, and confirmed a number of applicants from the region have registered for the opportunity.</p> <p>All recognised this is a great development programme for the region, are fully supportive of it, and look forward to the outputs.</p>
<p>To review, discuss and provide input into the DRAFT SWPHC Work Plan for the IHO Strategic Goals and Strategic Performance Indicators</p>	<p>HP introduced this agenda item on this WG’s response to the Draft SWPHC Work Plan addressing the IHO Strategic Goals and Strategic Performance Indicators (SPI). HP and RC both recently attended the SPI WG.</p> <p>HP tabled the work plan to the group, and specifically brought attention to Goal 2: “Increasing the use of hydrographic data for the benefit of society” which has a target of 2.1: “Build a portal to support and promote regional and international cooperation in marine spatial data infrastructures (MSDI)”. The related Strategic Performance Indicator is SPI 2.1.1: “Number of hits downloading data/information from the portal”.</p> <p>The WG were unanimous in their critique of this Target and SPI, in that the focus of effort should not be on building a portal and measuring the “hits” against it, rather to enable each custodian/curator of marine data to make their data holdings Findable, Accessible, Interoperable, and Reusable (FAIR). The WG summarised it best: “what use is a Portal with no data”.</p> <p>A summary of the discussion is as follows;</p> <p>PS: very difficult to universally apply an objective way to count “hits”</p> <p>PB: mindful of demand for hit counts which can be linked to agency funding. Better to count repeat sessions and observe more long term trends.</p>

	<p>RG: questioned is this goal related to Hydrographic or more general Marine data. Also how realistic is a “one portal” concept. NZ is more focussed on enabling a federation of portals.</p> <p>JE: question for JN relating to value propositions: “has there been quantifiable metrics on value?”</p> <p>JN: UN-GGIM haven’t addressed that yet. Put this question to the IRCC.</p> <p>PB: Questioned who is actually building this (one) portal.</p> <p>PS: Focus should not be on building one portal, rather enabling HO’s to enable discoverability of their data holdings.</p> <p>RG: Agree there should be a focus on discoverability and interoperability.</p> <p>PB: Referred to positive examples; Ocean Info Hub, ODIS.</p> <p>JN: noted traditionally the H community tend to focus on what they’re good at (eg standards), and put less effort in what they’re not strong at (eg innovation)</p> <p>RG: Noted that for SPI 2.3.1, Stuart Caie identified that it is incumbent on this WG to provide guiding principles.</p> <p>RC: SPI WG recognise they need help in how regions input into goal 2 up to the international level.</p> <p>HP: concluded that this item requires action and a dedicated agenda item at the next WG.</p> <p>Action (ALL): This WG to consider improved Target and SPI’s for Goal 2 and submit to SPI WG via Stuart Caie (NZ).</p>
Upcoming SWPHC MSDI WG report	<p>HP invited WG members for input into the forthcoming regional MSDI WG report to be presented at the SWPHC in late Feb.</p> <p>NP: Provided an update on PNG activities; specifically on local training in Dec 2021 provided by IIC Tech which included participants from different departments (IT, Environment, Policy) and included the Executive Manager.</p>
Date of next meeting	<p>Wednesday 25th May 2022 @ 21:00 GMT was agreed as the date for the 5th SWPHC MSDI WG meeting.</p>

ACTION REGISTER

Meeting Date	Action Description	Action Lead	Action Status
04-Feb-21	Should inform the “Pacific Geospatial Survey and Council” and “Geoscience Australia” of our existence and purpose ensuring that we work together.	Rachel and Paul	Completed

04-Feb-21	Sharing best practice, ideas and progress. Paul proposed using a Data Maturity Model so we could take a structured approach to our progress and Paul took an ACTION to investigate whether IHO had something we could use	Paul	Completed
04-Feb-21	Review the IHO list of SDI portals	All	Ongoing
04-Feb-21	Agreed that a SWP regional SDI Portal list would be beneficial. Create a template for population	Helen	
04-Feb-21	Share the minutes and report that would be submitted to SWPHC18 with the members of the SWPHC MSDIWG. The IHO MSDI WG was taking place on 17 & 18 March, Helen to an ACTION to report that the SWPHC MSDI WG had been established.	Helen	Completed
18-Aug-21	WG secretariat to amend standing WG agenda to include a 15min slot for industry communique.	Helen	Completed
18-Aug-21	Invite IIC Technologies to brief at the next WG meeting.	Helen	Completed
18-Aug-21	For ALL members to consider how this WG can support IGIF-H	All	
18-Aug-21	Invite a member of IGIF-H to brief this WG at the next convenient opportunity.	Rachel	Closed, see below
18-Aug-21	To coordinate an appropriate list of national MSDI's with AUS participants.	Paul	Completed
18-Aug-21	To clarify with IHO MSDI as to what qualifies as a MSDI portal, noting the mix of current resources on the list (websites, portals, downloads).	Helen	
17-Nov-21	To invite John Nyberg or Pearlyn Pang to speak to the WG on IGIF-H	Rachel	Completed
17-Nov-21	To invite some (as of yet) non-participating members into this WG.	Salesh	
17-Nov-21	To investigate local policies wrt indigenous data governance and sovereignty.	All	
2-Feb-22	To investigate hosting a MS Teams space to share WG material	HP	
2-Feb-22	WG to consider improved Target and SPI's for Goal 2 and submit to SPI WG via Stuart Caie (NZ).	All	