

3rd Meeting of the South West Pacific Hydrographic Commission Marine Spatial Data Infrastructures Working Group MINUTES

17 November 2021 - 21:00 GMT

Attendees:

Rachel Gabara (RG)	NZHA Manager Hydrographic Data and Products	Land Information New Zealand
David Crossman (DC)	Managing Director Australasia	IIC Technologies Limited
Pip Bricher (PB)	Data Officer	Southern Ocean Observing System
Tara Martin (TM)	Acting Facilities Program Director, Marine National Facility	Commonwealth Scientific and Industrial Research Organisation
Jonah Sullivan (JS)	Boundaries and Georegulation	Geoscience Australia
Salesh Kumar (SK)	Safety of Navigation and Hydrographic Officer	South Pacific Community
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:

Jace H Ebben (JE)	Data Architect	National Geospatial-Intelligence Agency
Michael Alcock (MA)	Director, Boundaries and Georegulation	Geoscience Australia

Introductions	HP welcomed everyone to the 3 rd MSDI Working Group for the South West Pacific Hydrographic Commission and all in attendance provided personal introductions.
Review of actions and minutes from previous meeting	Minutes from 2 nd Meeting of the SWPHC MSDI WG accepted as true and correct. Actions from previous meeting was discussed and tracked in the SWPHC MSDI WG Action Log register (listed here after the minutes).
Review and development of the list of SDI portals plus definition of a Portal	First topic to be discussed was the list of IHO maintained SDI portals and members shared the following understanding of a definition of an SDI; RG noted an SDI is an organic list TM highlighted an SDI is a single point of truth. A federated system that is often an interplay between portals. PS commented on the difference between web sites offering static content versus portals offering dynamic content. The separation of the data location from the media presenting it. DC referenced recent work in developing the Niue SDI which comprises of many thematic data themes across government, industry, tourism, and citizen content. RG suggested a demonstration of portals to highlight the interconnectivity between the data providers.

	<p>HP noted the relation on SDI's to a purpose, as in our field "Marine" SDI.</p>
<p>Introduction to IGIF-Hydro</p> <p>Replaced with overview of the Worldbank Training on MSDI</p>	<p>RG presented an overview of the World Bank training on MSDI which was warmly received by the working group.</p> <p>JS referenced the IGIF-H document which he noted is very useful, and the development of a maturity matrix is in progress.</p> <p>RG recommended the WG host an IGIF-H deep dive workshop at a future date and volunteered to contact a suitable SME to facilitate.</p> <p>ACTION: RG to invite John Nyberg or Pearlyn Pang to speak to the WG on IGIF-H.</p>
<p>Regional experiences in SDI</p>	<p>DC gave a very engaging presentation into the work IIC Technologies are doing in the South West Pacific region building a repeatable pattern of infrastructure known as an Electronic Management Information System (EMIS), and other activities involving;</p> <ul style="list-style-type: none"> • Technical Reviews of Hydrographic Offices/Capabilities <p>2-3 SME's re typically engaged specialising in Hydrography, Cartography, and IT/Policy. Directed and desired end states are determined. Gap analysis performed, and a series of recommendations and a roadmap are developed. No obligation final report is provided.</p> <ul style="list-style-type: none"> • MSDI developments, with a specific focus on the Niue Portal <p>Niue's vision is to build an MSDI as a single bullet information portal. Supporting government projects, on-off shore industry, community interest groups, tourism, and capture as much freely usable data with access control including text, audio, video. Supporting smart device capture enabling 'citizen science' across multiple themes; oceanography, meteorology, bathymetry, marine biology, coral, sea level, etc.</p> <ul style="list-style-type: none"> • Training opportunities and offerings <p>In addition to online 'IHO MSDI Training' offerings developed by IIC Technologies, they also offer for the first time in the region internationally recognised courses in hydrography and cartography.</p> <p>The working group thanked DC for the highly informative presentation.</p> <p>RG questioned how can the members of the WG encourage more participation from non-participating nations. DC and SK are both very engaged in the region and SK offered to make contact and invite others to this WG.</p> <p>ACTION: SK to invite some (as of yet) non-participating members into this WG.</p> <p>PS enquired about data management practices in establishing Niue's MSDI. DC commented that large data sources exist in NZ and Niue are asking for it back to centralise those data holdings. A federated MSDI model is hindered by poor/unreliable internet across the region.</p> <p>RG asked an open question to the WG regarding nation's policies with respect to indigenous data governance, sovereignty, and quality assurance of Citizen Science data.</p> <p>ACTION: ALL to investigate local policies wrt indigenous data governance and sovereignty.</p>

Feedback and suggestions	<p>Open discussion on frequency and usefulness of this WG ensued;</p> <p>PS – useful meeting to have at least three times a year.</p> <p>PB – quarterly, lots of overlap with other WG's, content is useful.</p> <p>RG – quarterly, IHO MSDI WG only meet once a year, so more connections are made with this regional WG meeting more frequently.</p> <p>TM – quarterly, benefit from hearing about regional experiences, with a collaborative uplift as a benefit.</p> <p>SK – Useful to incorporate a Pacific Data Hub demonstration at a future WG.</p> <p>HP – How would RHC like us support the IHO, specifically Goal 2.</p>
Date of next meeting	Wednesday 2 nd February 2022 @ 21:00 GMT was agreed as the date for the 4 th SWPHC MSDI WG meeting.

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 MSDI WG. 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	
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	