

African Great Lakes & Rivers Sub Working Group 5th Meeting

5th December 2022 Cross Road Hotel, Lilongwe, Malawi. Face to Face only.

Attendance: Interim AGL&RsWG Chair: Nick Swadling, Kenya: Lucy Mbura, Capt Abdulaziz Abdalla, Malawi: Julius Chisi, Gift Chigona (+ colleagues from Department of surveys), Mozambique: Aciano Lipangue, Jose Simbine, Uganda: Kabonge John Peter, UK: Tim Lewis, Zambia: Dunstan Kangwa, LVBC: Amos Ndoto, PMAESA: Col. Ciseau, RCMRD: Dr Emmanuel Nkurunziza,



Agenda

Day 1 (5 th December)	Task
8:30 – 10:00	Welcome and opening discussions
10:00 – 11:00	Presentations
11:00 - 11:15	Coffee
11:15 – 13:00	Presentations
13:00 – 14:00	Lunch
14:00 - 14:20	MSI
14:20 – 14:50	Hydrographic surveys and Understanding Water levels
14:50 – 15:20	User requirements, Lakes & Rivers charting now and in the future.
15:20 – 15:35	Coffee
15:35 – 16:00	Data sharing (including working with PCA)
16:00 – 16:30	MSDI
16:30 – 17:00	Summary and any other business
17:00	Close

Summary of updated Action list carried over.

No.	Action	Due Date	Lead	Status
1	Members to provide comments and feedback to understand data portal requirements for the group as per letter sent by SAIHC MSDI Chair	4 March 2022	Members	Open Secretary will forward letter with 3rd meeting report.
2	Members to complete African Great Lakes & Rivers audit including MSI	6 December 2021 Extend deadline to March 2022	Members	Open – Ongoing
3	Members, through their respective organisations, to consider taking on the role as Chair of this African Great Lakes & Rivers Sub Working Group. Provide submission to Secretary	6 December 2021	Members	open
4	Interim Chair to write letter to members to discuss and coordinate a Technical Working Group Meeting to Lakes (Action 12 of SAIHC)	July 2022	Interim Chair	Closed. In region meeting, Malawi Dec 2022
5	SAIHC Chair to write letter to Government bodies of members to encourage sharing of data to support safety of navigation (Action 13 of SAIHC)	July 2022	SAIHC Chair	Closed – propose new action – members to write to Governments bodies with reference to SAIHC & AGL&RsWG
6	Interim Chair to invite port authorities to join WG	July 2022	Interim Chair	Closed. KPA & TPA invited to join WG

1. The meeting was officially opened by the Deputy Minister of Lands, Honourable Deus Gumba, MP with opening remarks from UKHO, RCMRD and Malawi, Department for Lands.
2. The interim Chair Nick Swadling welcomed the members to the meeting and summarised the agenda.
3. Member's presentations:
 - 3.1 Lucy Mburu, Survey of Kenya, Title: Hydrography on Kenyan inland waters
 - 3.2 Amos Ndoto, Lake Victoria Basin Commission. Title: Lake Victoria Maritime.
 - 3.3 Gift Chigona, Malawi Department of Surveys, Title: Charting of Lake Malawi
 - 3.4 Aciano Lipangue, INAHINA, Mozambique, Title: Status of Hydrographic surveys and Cartographic products for navigable inland water in Mozambique"
 - 3.5 Tim Lewis, Nick Swadling, UKHO. Title: UK Overview
 - 3.6 John Peter Kabonge, Uganda, Ministry of Works and Transport, Title: Hydrography and Maritime Safety Information within Uganda's Inland Waterways
 - 3.7 Dunstan Kangwa, Zambia. Provided an update on hydrography and his role as Harbour Master at Mpulungu.
4. **MSI** - the Interim chair presented on the potential development of an App to enhance MSI in the region. *Note* - This presentation was originally created by Christopher Janus, Chair, IHO World-Wide Navigational Warning Service Subcommittee for presentation at the 4th AGL&RsWG.

LVBC commented that this should be in addition to other existing MSI. Noting the Multinational - Lake Victoria Maritime Communication and Transport (MLVMCT) project which is extending GSM network and establishing Maritime Rescue and communication centres throughout the region.

5. **Hydrographic Surveys and Understanding Water Levels** – The interim chair presented slides to the group to generate discussion around how changes in water levels are dealt with on inland waters and the impact these variations have on transport and safety. This agenda item also included a summary of hydrographic surveys received for Lake Victoria, highlighting the variation in vertical datums in use throughout the region. Interim chair discussed potential use of satellite altimetry to define Lake water levels.

SoK commented that vertical datum for Lake Victoria was an issue and there is a requirement for standardisation.

6. **User requirements, Lakes & Rivers charting now and in the future.** The interim Chair discussed the viability of digital charting for the region. Would an accessible ECS be suitable for the required user groups? Would this improve safety on the inland waters?

KPA questioned how training would work for ECS. Would training be available regionally? Concerned that the lakes user group may not have access to required training with reference to independent mariners without backing of port authorities.

LVBC noted that the ECS sounds like a good tool but only in addition to modernised paper charts, noting the requirements for many of the Lake users.

7. **Data sharing** – The Interim Chair highlighted the importance and challenges of sharing safety information in the region.

KPA noted that coordination was an issue in the region. KPA / Trademark East tender for survey of Kenyan waters and LVBC not aware.

SoK commented that there is an issue with survey companies not sharing collected data. This should be written into the contract and data should always be shared with SoK and then disseminated.

Malawi / Mozambique discussed the opportunity to work together /share hydrographic data for their smaller scale charts of the lake. Currently data is not shared and areas of the charts do not contain hydrographic content.

8. **Marine Spatial Data Infrastructure (MSDI)** – Tim Lewis SAIHC MSDI Working Group Chair (UK) provided an overview of MSDI and recent developments across the United Nations (UN) and how this is aligned within the IHO. The United Nations Integrated Geospatial Information Framework (UN-IGIF) provides a basis and guide for developing, integrating, strengthening, and maximizing geospatial information management and related resources in all countries. It will assist countries in bridging the geospatial digital divide, secure socio-economic prosperity, and to leave no one behind. IGIF is developing a quantitative and prescriptive “Quick Start” guide for nations beginning their IGIF-aligned MSDI implementation plans. The session generated a discussion on how the regional MSDI working group can better incorporate the needs of the inland waterways.

9. Summary and any other business

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