IHO-SGP Innovation and Technology Laboratory

3rd Governing Board Meeting, VTC

16 March 2021, 10:00 ~ 12:00 am (UTC+1, CET)

List of Decisions and Actions from the 3rd Governing Board Meeting: ***Final Draft***

Doc No.	Title	Remarks
GBM03-01	**Confirmation of Minutes of last Meeting**	
Decision3/1	**The Meeting approved** the draft decision and actions of the 2nd GB Meeting posted on the IHO Lab GB2 webpage.	
GBM03-02	**Review and Update actions of last Meeting**	
	The Meeting reviewed and updated the actions from the 2nd GBM and concluded that all action items have been completed including Action-No. 2/6 and 2/7 that would discussed during the 3rd meeting.	
GBM03-2	**Assessment of Part 2 Project Proposals submitted by Chairs of ENCWG and NIPWG**	
GBM03-2.a	- S-57 to S-101 Conversion	
	GM noted that the proposal for the second phase of the S-57 to S-101 conversion project was submitted just before the GB3 meeting. The purpose, the main project items, the relationship with the S-100 implementation road map, the key deliverable items, and composition of the project team participants were presented. During the meeting, members of GB inquired about the proposal, for example, whether the S/W companies can provide in-kind support, the production schedule of the test dataset, and cooperation with other projects such as RENC's S-101 test dataset project, however they recognized that there was a limit to specific discussion without the participation of the proposer. ***Decision3/2*** **GBM3 decided** to conduct a separate proposal session that can have a presentation and question and answer with the proposer in order to discuss details and make a proper decision on the proposal. Proposer can only participate in their proposal session. ***Action 3/1*** **GM to** contact the project leader of the S-57 to S-101 conversion and invite them to join in the proposal session at the next opportunity. ***Decision3/3*** **GBM3 approved** the phase 2 of the S-57 to S-101 conversion project and confirm to commence with the project.	
GBM03-2.b	- Marine Harbor Infrastructure Database Project (S-131)	
	The GBM3 reviewed the proposal phase 2 of the S-131 project and discussed the evaluation that GM carried out in advance. Consideration given three points following: 1. Centralized or de-centralized database **GBM3 noted** that it is premature to be decided at this initial stage and waiting for testing and proposal from the Project Team including the data flow and options IHO can take into consideration. 2. IHO's capacity to host the project server after the project	

	GBM3 realized that the issue has be addressed in the HSSC and Council supporting maintenance of the system and operation as a daily business. 3. Funding support from IHO and Host Country ie. Total €24k (€14k + €10k). IHO and Host Country to co-share this portion of funding request. **AK mentioned** that IHO special fund could contribute to this project however more details should be provided and the fund will not support establishment of infrastructure or maintenance of the system. During the meeting, there was a discussion about the test dataset area of the project. Currently, Singapore, Canada, and Rotterdam ports are mentioned as test bed ports that can participate in the project, and **GM to contact** the project team to consider if more major ports can participate. In addition to the test bed area, it was discussed that data contents from the port authority, update cycles, and from data entry to the use of the Hydrographic Office for S-131 products was also tested. Considering the geographical characteristics and size of Singapore's port, it was recognized as a very suitable area for testing.	
Decision3/4	**GBM3 approved** the proposal for the second phase of the S-131 project and decided to invite the project proposer to the proposal session at the next opportunity.	
Action 3/2	**GM to contact** the project leader to confirm the test data production plan and to share it with the GBM, and invite the proposer to the proposal session for the next meeting.	
GBM03-3	**Potential Projects under discussion**	
GBM03-3.a	- Creation and test-bedding of ECDIS capable of displaying S-102 Bathymetric Surface and S-104 Water Level products on S-57 and S-101 ENCs.	
	GM presented that this project proposal resulted from the discussion at the S-100 WG meeting. There were concerns on how to integrate the S-102 overlay on S-101 and possible impact when S-104 was introduced. However, the important step forward is to evaluate and test the products and examine any possible constraints and different displays, especially on an ECDIS. Worthwhile project to support.	
Decision3/5	**GBM3 agreed** that S-57 should not be included and focus to be on the S-98 interoperability issue.	
Decision3/6	**GBM3 approved** the project for the submission of a second-phase proposal and proposed that the contents of the proposal should be discussed with the IHO working groups related to interoperability.	
Action 3/3	**GM to contact** the project leader to inform them of the preparation of the next step proposal and delivers the suggestions discussed at the meeting.	
GBM03-3.b	- Involvement in IHO Mass Autonomous Surface Ships Project Team	
Action 3/4	**GM to monitor** the progress of MASS and reports to GBM if necessary.	
GBM03-4	Rules of Procedure for the IHO Lab Governing Board	
Decision3/7	**GBM3 approved** the amended draft Rules of Procedure for the IHO Lab Governing Board as posted on the meeting page.	

GBM03-5	**Any Other Business**	
	None	
GBM03-6	**Next meeting (Venue and Date)**	
Decision3/8	**GBM3 decided** to hold the 4th Meeting of GB as a face to face meeting and circulate the tentative date/venue taking into consideration with other IHO meetings in the second half of 2022.	

List of Participants

- Abri Kampfer (abri.kampfer@iho.int) : **Chair**
- Magnus Wallhagen (Magnus.Wallhagen@Sjofartsverket.se)
- Thomas Dehling (Thomas.Dehling@bsh.de)
- Parry OEI (Parry_OEI@mpa.gov.sg) : **General Manager**
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- Mathias Jonas (mathias.jonas@iho.int) : **Observer**