

List of Permanent Actions as updated and approved at MBSHC23 updates up to 28 June 2024

Number	Subject	Action	Who	Status/Comments
MBSHC PA/01	INToGIS II	Member States are invited to take acknowledgement of the new IHO-GIS services progresses and to use INToGIS II. Login and password can be asked to IHO Secretariat	MS	<p>UK ongoing</p> <p>UA: The SHSU consistently checks and updates the INT charts metadata included in the Region F INT Chart Catalogue via its national INToGIS account. The SHSU regularly updates information on its INT charts as they are reissued via the INToGIS service. Currently, the SHSU is responsible for publishing 16 INT charts approved by the International Charting Coordination Working Group (ICCWG).</p> <p>IT: In progress</p> <p>SLO: done</p> <p>HR: in progress</p>
MBSHC PA/02	IHO Pubs C-55 and P-5 "Yearbook"	Member States are invited to submit information for updating C- 55 and P-5 "Yearbook" annually (including reports of "no changes") using the digital form stack for modifying/update (see IHO CL 20/2019)	MS	<p>UK continues to update both the IHO C55 (for both UK Home Waters and PCA nations) and P5 publications on an annual basis.</p> <p>UA: Updates for the P-5 "Yearbook" and C-55 are submitted through a digital form stack for modifying/updating data on the IHO website.</p> <p>IT: In progress</p> <p>SLO: done</p> <p>HR: done</p>
MBSHC PA/03	IHO Online Form System	Member States are invited to respond to IHO CL using the digital form stack (see IHO CL 20/2019)	MS	<p>UK: as above, actively responds to IHO CL, C55 & P5 via the online system.</p> <p>UA: When received, responses to IHO CL the relevant digital form stack on the IHO website.</p> <p>IT: In progress</p> <p>SLO: done</p> <p>HR: done</p>
MBSHC PA/04	IALA RM Toolbox	Member States have to be aware of IALA risk management	MS	UK takes note.

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		toolbox endorsed by IMO in SN 1/Circ. 296		<p>UA: The implementation of this action is in progress. The SHSU representative has participated in the IALA World Wide Academy Model Course 'Use of IALA Risk Management Toolbox on Waterways' (L1.3). Up to the moment, five employees of the SHSU in total have undergone training through the IALA courses on risk management on waterways.</p> <p>IT: we are aware of it</p> <p>SLO: done</p>
MBSHC PA/05	Tidal Data	Member States are encouraged to densify sea level networks and share real-time sea-level data relevant to tsunami detection and alerts	MS	<p>UK takes note and continues to provide products and services.</p> <p>UA: The SHSU operates automatic tide gauges designed for continuous monitoring of sea level on the coast of the Black Sea. Furthermore, the SHSU utilizes the network of tide gauge stations of the Ukrainian Hydrometeorological Center of the State Emergency Service of UA (UkrHMC).</p> <p>IT: ISPRA has an increasing number of stations (36 stations 20 Feb2024) and maintains an updated data dissemination website. IIM does not plan to increase its observation stations for now. For tsunami warning ISPRA is one of the agencies that institutionally provides data for tsunami warning by implementing the service with the help of the National Ondametric Network.</p> <p>HR: ongoing</p>
MBSHC PA/06	Maritime Related Projects IENWG	Member States are encouraged to check and update, on a regular basis, the list of maritime related events, projects, and tenders of interest for MBSHC. Member States to inform IENWG focal point for MBSHC (Greece) and the MBSHC Chair of their intention to eventually participate to an event or project (see act. MBSHC20/11-12).	MS	<p>UK: ongoing</p> <p>IT: In progress</p> <p>HR: ongoing</p>
MBSHC PA/07	CIESM Oceanography	Member States are encouraged to liaise with CIESM under the IHO-CIESM MoU umbrella, for the benefit of the oceanography	MS	<p>UK takes note.</p> <p>UA: Oceanographic activities have been suspended by the SHSU since 2022 due to Russian armed aggression.</p>

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		in the Mediterranean Sea and participate to CIESM events.		IT: We have no contact with CIESM, we will check if some activities being conducted in the Mediterranean are of common interest.
MBSHC PA/08	MSDI	Member States are encouraged to inform MSDI Ambassador (Italy) about National MSDI initiatives.	MS	UK takes note. UA: The Act of Ukraine 'On National Spatial Data Infrastructure' has come into force, stipulating the involvement of the SHSU in the development and updating of geospatial datasets. The SHSU will ensure the transmission of data within its area of responsibility as defined by the Act. IT: In progress HR: ongoing
MBSHC PA/09	ENC Overlaps	Concerned Member States to liaise bilaterally to resolve ENC overlapping, keeping the MBSHC Chair informed.	All	UK ongoing. UA: The majority of ENC overlaps within Ukraine's area of jurisdiction are found in the Russian Federation (25). Additionally, a significant number of ENCs of Ukraine are duplicated by 100%. Diplomatic relations with the Russian Federation have been suspended due to its acts of aggression. Furthermore, Ukraine has ENC overlaps with Türkiye (3 cases) and Romania (5 cases). It: In progress ES: In progress HR: ongoing
MBSHC PA/10	ENC Overlaps	MBSHC Chair to inform IRCC on the results achieved at regional level on ENC overlapping issues	MBSHC Chair	Chair instructed FICCWG coordinator to invite member states to provide the ENC overlap risk assessment in accordance with methodology developed by the UKHO and to update the list of ports of the region and complementary information.
MBSHC PA/11	Port Priority List	Member States are encouraged to use the IHO online port database to update their port priority list and report to the Regional Charting Coordinator (RCC)	MS	UK completed and reviewed the port priority list, however, UKHO suggests a status update on the port list. UA: A letter was sent to the Regional Charting Coordinator (RCC) kindly requesting access and instructions for updating the online port priority database, but as of now, no response has been received. IT: In progress SLO: done HR: completed
MBSHC PA/12		<i>Left blank intentionally</i>		

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MBSHC PA/13	RENCs ENC Overlaps Support	RENCs are kindly invited to provide periodically a report in order to collect the evaluation of risk level on ENC overlaps from the MS in the frame of the WENDWG risk assessment.	RENCs	In preparation of ENC overlap assessment IC-ENC declared that they make only summary of the overlaps reports as per WEND guidelines. Overlap risk assessment to be in line with PA/10. We propose to cancel PA/13.
MBSHC PA/14	MS ENC Overlaps Risk Assessment	Member States to use the RENCs' template report to provide the RCC with: - Evaluation of risk level on the most critical ENC overlaps based on the IC-ENC risk assessment regional database (level beyond or equal to MEDIUM). - Their technical views and comments, in compliance with IHO Publication S-11 Part A.	MS	UK completed. UA: On February 26, 2024, the SHSU provided RENC's template report with risk level evaluation of the most critical data overlaps in the ENC's along with relevant comments. Italy: According to the January 2024 IC ENC report, the only MEDIA overlap is between ENC IT100350 and TR100030, both of which are at a scale of 1:1,500,000. We are considering cutting ENC IT100340 at the boundary with TR100030. HR: completed
MBSHC PA/15	ICCWG	RCC to disseminate the draft minutes of the ICCWG.	RCC	Ongoing
MBSHC PA/16	Capacity Building Needs	Member States have to provide their needs in terms of CB to the CB Coordinator (Turkey), copy to the MBSHC Chair.	MS	UK have no CB needs at present. UKHO responded to CB Coordinator 2025 questionnaire on 09/01/24. UA: The SHSU provides its capacity building needs in response to letters from the CB Coordinator or the MBSHC Chair. In 2024, a SHSU representative has been selected to participate in the IHO Category "B" Programme in Hydrographic Survey. Additionally, the SHSU has submitted an application for participation in the IHO Category "B" Programme in Nautical Cartography. IT: In progress HR: completed
MBSHC PA/17	MS Check of INTogIS Metadata	Member States to check and, if necessary, update their INT charts metadata (chart limit, title, year, format, scale, etc...) included in the region F INT	INT Chart producers	Ongoing and UK continues to work with partners. UA: The SHSU consistently checks and updates the INT charts metadata included in the Region F INT Chart Catalogue via its national INTogIS account.

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		Catalogue, using their INTOGIS national account.		IT: In progress SLO: done HR: ongoing
MBSHC PA/18	ICCWG, New INT Charts Producers	New INT Charts producers to provide RCC with the INT charts for technical review by ICCWG.	New INT producers	UK: Ongoing IT: In progress
MBSHC PA/19	MBSHC24 Submissions	Member States to send their documents (submission papers, report, presentation) to the Chair, with a copy to the IHO Secretariat, prior to meetings of MBSHC (iaw MBSHC Statutes).	MS	UK ongoing Ukraine: Documents and the National Report are sent before the MBSHC and BASWG meetings. IT: In progress HR: completed
MBSHC PA/20	CATZOC MS to Populate	Member States are encouraged to populate the CATZOC values (1 to 5) of their ENCs cells.	MS	UK ongoing. UA: The SHSU populates the CATZOC values of its ENC cells. Presently, all hydrographic data is sent to cartographic production along with CATZOC values for the further coding of CATZOC information in ENCs. IT: In progress SLO: done HR: in progress
MBSHC PA/21	IH Review Contribution	Member States are invited to contribute to the International Hydrographic Review as an important means of sharing information on their activities and developments.	MS	Ongoing and UK continues to contribute. UA: The SHSU will participate in implementation of this action once martial law in Ukraine concludes and the Russian Federation's armed aggression ends. HR: we are evaluating
MBSHC PA/22	CB Programme e-Learning	Member States are invited to follow and evaluate the possibility to contribute to the CB Programme and providing e-learning contents to share their resources and experiences to the e Learning PT.	MS	UK: ongoing IT: we are evaluating
MBSHC PA/23	Nipon Found GEBCO-Seabed2030	Members States are invited to deeper cooperation and support to the Nippon	MS	Ongoing and UK signed agreement with Seabed2030 project. To be presented at MBSHC24.

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		Foundation GEBCO-Sabed2030 project, and encourage to make more detailed and comprehensive seabed data available to GEBCO grids (vital need to map the entire seabed).		UA: Data provision is restricted due to the Russian Federation's armed aggression. IT: In progress ES: Spanish Navy Schoolship is collecting seabed data for Seabed2030
MBSHC PA/24	IHO-CIESM Agreement, MS active	Member States are encouraged to have an active role under the umbrella of the renewed IHO-CIESM (International commission for the scientific exploration of the Mediterranean Sea) Agreement.	MS	UK takes note. UA: Oceanographic activities have been suspended by the SHSU since 2022 due to Russian armed aggression. IT: Under evaluation for future action
MBSHC PA/25	ICC, INTogIS MS Updates	Member States are encouraged to continue to support the RCC and provide the IHO Secretariat with regular updates of the INT chart and ENC schemes through INTogIS	MS	UK ongoing. UA: The SHSU consistently checks and provides updates of the INT charts and ENC schemes via its national INTogIS account. IT: In progress HR: ongoing
MBSHC PA/26	Crowdsourced Bathymetry MS to Support	Member States are encouraged to support the CSB initiative with positive actions, such as requiring all research vessels to collect bathymetric data for later uploading, when on passage or when it does not interfere with other research activities or national policies (for instance regulated areas).	MS	UK: ongoing. UA: The SHSU will participate in implementation of this action once martial law in Ukraine concludes and the Russian Federation's armed aggression ends. IT: In progress ES: Spanish Navy Schoolship is collecting seabed data for Seabed2030
MBSHC PA/27	DCDB, MS Data Release	Member States are encouraged to release datasets or subsets into the public domain via the IHO DCDB.	MS	UK: ongoing. UA: Data provision is restricted due to the Russian Federation's armed aggression. IT: Under evaluation for future action
MBSHC PA/28	UN Ocean Decade	Member States are encouraged to participate in actions of the UN Ocean Decade, matching with IHO.	MS	UK: ongoing IT: Under evaluation for future action

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MBSHC PA/29	WEND, ENCs	Member States are encouraged to follow WEND principles and guidelines with specific regards to the ENC charts production and maintenance responsibilities https://iho.int/en/basic-wg-documents-1)	MS	UK ongoing. UA complies with the principles of the World Electronic Navigational Chart Database (WEND) as defined in the 'Guidelines for the Implementation of the WEND Principles', producing ENC in the water areas exclusively within the jurisdiction of Ukraine. IT: In progress HR: In progress
MBSHC PA/30	MS, Reuse of Data	Member States are encouraged to allow the reuse of data, related to goal 2 of the IHO strategic plan 2021-2026 "Increasing the use of hydrographic data for the benefit of society."	MS	UK ongoing. UA: The reuse of data is limited due to the Russian Federation's armed aggression. IT: In progress ES: Through MSDI HR: in progress
MBSHC PA/31	Industry, Stakeholders, RENCs News	Member States are encouraged to browse industry/stakeholders/RENCs webpages to be updated in the challenges we have in this decade (S-1XX, S-2XX, S-4XX and S-5XX new products and services).	MS	UK ongoing. UA: The SHSU is planning the transition to the S-100 standard, primarily through the introduction of new software and personnel training. IT: In progress
MBSHC PA/32	NAVAREA	Member States are encouraged to use only NAVAREA warning for safety of navigation purposes as stated on IMO Res A. 706 (17).	MS	Ongoing and UK maintains NAVAREA I. UA: The NAVAREA Coordinator mostly refuses to broadcast NAVAREA Warnings transmitted by the SHSU. Consequently, Coastal Warnings are used as the method of information transmission. IT: In progress ES: NAVAREA XI Coordinator visited IHM two share experiences in such issue.
MBSHC PA/33	SDI/MSDI/MSP	Promote the discussion of any item with relevance to SDI/MSDI/MSP and to take appropriate actions.	All	UK takes note. UA: The Act of Ukraine 'On National Spatial Data Infrastructure' has come into force, stipulating the involvement of the SHSU in the development and updating of geospatial datasets. The SHSU will ensure the transmission of data within its area of responsibility as defined by the Act.

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				IT: In progress
MBSHC PA/34	ENC Scheme	Member States are encouraged to liaise with the RCC to coordinate the development and maintenance of ENC scheme.	MS	UK ongoing. UA: The SHSU liaises with the RCC to coordinate the development and maintenance of the ENC scheme. IT: In progress
MBSHC PA/35	MS ENC Production Plan	Member States to complete the ENC scheme and provide RCC with their ENC production plan, especially for UB 4-5-6.	MS	UK ongoing. UA: The ENC for UB 1-5 has been finalised. If new data for additional UB 4-5 are received, this band will be supplemented. IT: Completed
MBSHC PA/36	ICCWG Meeting	To schedule an ICCWG side-meeting alongside the next MBSHC conference.	MBSHC Chair, ICC	Completed
MBSHC PA/37	Industry MBSHC Participation	MBSHC Chair to invite industry to MBSHC conferences.	MBSHC Chair	Completed
MBSHC PA/38	Disaster Response Framework	MS will update annually tables 1 & 2 of Disaster Response Framework.	MS, MBSHC Chair	MBSHC Chair invited members to update DRF. ES: Updated for 2023. HR: Updated for 2023 IT: Updated for 2023 UA: Updated for 2023 UK: Updated for 2023.