

LIST OF DECISIONS and ACTIONS FROM C-5
(as of 27 October 2021)

AGENDA ITEM	SUBJECT	DECISION or ACTION No.	DECISION or ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at October 2021)
1. OPENING					
1.1 Secretary-General Opening remarks and introductions					
1.2 Adoption of the agenda					
	Agenda	C5/01	The Council adopted the agenda and the timetable as proposed and agreed to consider the information paper on S-100 Test Bed Project provided by KHOA (KR), and NOAA (US) (Doc. C5-07.6A INF refers) at the end of session 2 time permitting.		Decision
1.3 Chair's Opening Remarks					
	Opening	C5/02	Council Members welcomed the opening addresses by Dr. Geneviève Béchar, Council Chair and the Secretary-General and agreed on the participation of RENCs representatives as Observers.		Decision
1.4 Administrative Arrangements					
	Contact List	C5/03	IHO Member States having a seat at the Council to provide the IHO Secretariat with their updates to the IHO Council List of Contacts.	Permanent	
2. ITEMS REQUESTED BY THE 2nd IHO ASSEMBLY					
2.1 Update on the Joint IHO-Singapore Laboratory – Proposals from the Council to the Governing Board (Decision A2/08)					
			<i>See section 4.5</i>		
2.2 Report on the Application of ISO 9001 Principles (Decision A2/12)					
			<i>See sections 3.1, 4.1, 4.2 and 6.1</i>		
6.1	Strategic Plan 2021-2026	C4/40	The Council agreed to experiment the application of the ISO 9001 principles on a couple of Strategic Plan targets (one per Committee to be proposed).		Reminder
2.3 Discussion on the best way forward on the definition of hydrographic interest (Decisions A2/04 and A2/14).					

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	Definition of Hydrographic Interest	C5/04	The Council thanked Council Chair for the update on the ongoing work by the interested parties AR, BR, IN and UY and invited them to submit a consolidated report on possible ways forward, including impact assessment on IHO Basic Documents.	C-6 (- 3 months)	
	Definition of Hydrographic Interest	C4/08	Council noted the task given by the A-2 to consider the best way forward with proposals A-2 PRO-1.4 and A-2 PRO-1.5 on the definition of hydrographic interest and report to A-3 in 2023 and by which the Council was empowered to establish a working group for this specific purpose.	A-3	Reminder
	Definition of Hydrographic Interest	C4/09	Council invited interested parties (Argentina, Brazil, India, Uruguay ...) in the development of a definition of hydrographic interest, to consider IHC17 outcome, PRO1.4 and 1.5, and come back with a single consolidated proposal to C-5 or C-6 for possible consideration at A-3. (deadline C-5, C-6).	C-5, C-6	Reminder
2.4 Status report on the appropriateness and applicability of the new Strategic Performance Indicators (Decision A2/20)					
			<i>See section 6.1</i>		
2.5 Proposed version 1.x of the Roadmap for the S-100 Implementation Decade (Decisions A2/30&A2/31)					
			<i>See section 4.4</i>		
2.6 Update on the Dual-Fuel Concept (transition from S-57 to S-101 ENCs) (Decision A2/33)					
			<i>See section 4.1</i>		
2.7 Cumulative List of Assembly Decisions affecting the Council.					
			<i>For reference only</i>		
3. ITEMS REQUESTED BY THE IHO COUNCIL					
3.1 Review of the status of Decisions and Actions from C-4 (pending actions)					

AGENDA ITEM	SUBJECT	DECISION or ACTION No.	DECISION or ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at October 2021)
●	IHO Resolutions on S-100	C5/05 (former C4/12)	<p>The Council to monitor the progress of the task given to HSSC and IRCC to review the IHO Resolutions with regard to PRO 2.3 when the operational implementation of the S-100 concept becomes mature enough.</p> <p>HSSC and IRCC to make proposals for endorsement to Council when appropriate</p>	<p>●</p> <p>●</p> <p>●</p> <p>●</p> <p>●</p> <p>●</p> <p>●</p> <p>●</p> <p>C-6 as appropriate in preparation of A-3</p> <p>●</p>	<p>(Decision A2/32 refers).</p> <p>In progress.</p> <p>Planned at HSSC-14 (2022)</p>
4.2	Capacity Building Activities	C5/06 (former C4/17, C3/25)	<p>The Council invited the IRCC to instruct the CBSC to develop a system of performance indicators to measure, under the conduct of the CBSC and in accordance with the Revised Strategic Plan, the effectiveness and efficiency of CB activities. This system should be oriented to actual outcomes of CB support, not on quantity, or instances of CB activity.</p> <p>●</p>	C-6	On going
	S-100 Implementation Strategy	C5/07 (former C4/23)	<p>Council to maintain and update the the S-100 implementation roadmap and resulting activities in liaison with MS and external bodies on an annual basis as a key priority of the Council activities.</p> <p>SG/Council Chair to identify some key actions in support and report progress at C-5.</p>	C-6	<p>(Decision A2/30 refers)</p> <p>Ongoing</p>
	Application of ISO 9001 principles	C5/08 (former C4/40)	<p>The Council invited the IRCC to identify a theme on which ISO 9001 Principles should be applied and to propose it to Council for endorsement.</p> <p>●</p>	IRCC-14/C-6	

4. ITEMS REQUESTED BY SUBSIDIARY ORGANS

4.1 Report and proposals from HSSC (including Update on the Dual-Fuel Concept (transition from S-57 to S-101 ENC))

AGENDA ITEM	SUBJECT	DECISION or ACTION No.	DECISION or ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at October 2021)
	Report of HSSC	C5/09	The Council noted the report and commended the HSSC , its Working Groups and supporting organizations for the excellent achievements made in 2020-2021 despite the obstacles raised by the pandemic.		Decision
	Dual Fuel Concept	C5/10	The Council noted the actions in progress within HSSC for the development of a governance document in support of the dual fuel concept and associated actions. HSSC to report on the outcome at the next meeting.	C-6	
	IMO ECDIS Documents on S-100 ECDIS	C5/11	The Council noted the work in progress by HSSC Chair Group, CIRM, IEC, Intertanko , for the revision of the IMO MSC.1/Circ.1503/Rev1 – <i>ECDIS Guidance for Good Practice</i> and Resolution MSC.232(82) - <i>ECDIS Performance Standard</i> .	HSSC-14/NCSR-9 (June 2022), then C-6	
	Future of the Paper Nautical Chart	C5/12 (former C4/10)	The Council to continue the monitoring of the implementation by HSSC of the recommendations on the Future of the Paper Nautical Chart as appropriate. The Council noted the development of a Baseline Symbology Project Team to support automated production of paper charts from S-101 data and the priority given to RHCs ICCWGs to focus on ENC schemes.	HSSC-14 / C-6	(Decisions A2/27&28 refers) Decision
	S-57, S-101	C5/13 (former C4/11)	The Council to monitor the progress of the task given to HSSC to prepare (<i>done</i>) now maintain the synoptic summary report on the various options offered to HOs for future production of S-101 ENCs in conjunction with S-57 maintenance/production.	C-6	(Decision A2/33 refers)

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	HSSC&IRCC Reports and Proposals to C-6	C5/14 (same as former C4/13, ... and C1/06)	Considering the timelines between HSSC-14 and IRCC-14 meetings in 2022 and the countdown for submission of reports and proposals to C-6, the Council invited HSSC and IRCC Chairs to prepare their 2022 meeting minutes with the view that they will be used/submitted directly as reports and proposals to be considered at C-6.	July 2022	
4.2 Report and proposals from IRCC					
4.2 6.1	Report of IRCC	C5/15	<p>The Council noted the report and commended the IRCC, the RHCs, and IRCC Sub-Committees for their achievements as well as the outcome of the IRCC October Workshop on the Strategic Plan.</p> <p>The Council, acknowledging the need for further recommendations on the realization of the Strategic Plan in RHCs by Member States, invited the IRCC to provide these recommendations to the RHCs as a matter of priority.</p> <p>The Council recognized the need for further IRCC workshops to support the realization of the IHO Strategic Plan.</p>	<p>By April 2022/IRCC-14/C-6</p>	Decision
4.2	IHO e-Learning Centre	C5/16 (former C4/14)	The Council to monitor the progress made by IRCC to establish an IHO e-Learning Center based on A-2 PRO 3.3 and the related recommendations of IRCC/CSBC.	C-6	(Decision A2/42 refers).
4.2	Women in Hydrography	C5/17 (former C4/16)	The Council to monitor the progress made by IRCC on the CBSC work item of Empowering Women in Hydrography (EWH).	C-6	(Decision A2/35 refers).
4.3 Left blank intentionally					
4.4 Discussion on the S-100 Implementation Strategy – Proposals from HSSC and IRCC					

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	S-100 Implementation Strategy – Products in 1 st and 2 nd step developments	C5/18	Council agreed to the proposed amended list of S-100 products with special focus (e.g. route monitoring, planning) as cited in Table A of Annex A of the HSSC report.		Decision
	S-100 Implementation Strategy – S-101	C5/19	The Council agreed to the proposed amendment to the S-100 Implementation Roadmap to clarify the progress with S-101 as contained in Annex B of the HSSC report.		Decision
	S-100 Implementation Strategy – new Annex 2 to Roadmap document	C5/20	The Council approved the proposed Annex 2 to the Roadmap for the s-100 Implementation Decade (2020-2030) as described in Annex B of the HSSC report (S-1xx Products, Product Specifications Development Timeline and synoptic diagram from S-57 o S-101).		Decision
	S-100 Implementation Strategy – Amendment from WENDWG	C5/21	The Council endorsed the amendment to the S-100 Implementation Roadmap as proposed by the WENDWG and contained in Annex A of the IRCC report.	●	Decision
	Roadmap for S-100 Implementation Decade	C5/22	IHO Secretariat to upload version 2.0 of the Roadmap including approved amendments.	31 January 2022	
	SOLAS Chap. V, Reg. 9	C5/23	The Council noted the statement made by the US calling for the IHO to accept some flexibility in the implementation of IHO standards (production, distribution and WEND-100 services in particular) as SOLAS Chap. V, Reg. 9 allows.	●	●
	S-100 Implementation Strategy	C5/24 (former C4/18, C3/13)	Council/HSSC/IRCC Chairs/SecGen supported by subject matter experts and Member States as appropriate to maintain the S-100 Implementation Roadmap as an incremental version-controlled document (including narrative and timelines) on an annual basis.	Permanent	●

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	S-100 Implementation Strategy	C5/25 (former C4/20)	SG, Council Chair, HSSC, IRCC Chairs to maintain the three annexes related to the IHO WP 1, 2 and 3 to S-100 Implementation Roadmap.	● ● ● ● ● C-6	(Decision A2/31 refers)
	S-100 Implementation Strategy	C5/26 (former C4/27)	The Assembly having noted the update on interrelations and tasks, Secretary-General to continue to liaise with [IMO and] other relevant stakeholders and organizations involved in the development of other S-100 based products.	Permanent	(Decisions A2/40&41 refer)
4.5 Update on the Joint IHO-Singapore Innovation and Technology Laboratory – Proposals from the Council to the Governing Board (Decision A2/08)					
	IHO-Singapore Innovation and Technology Laboratory	C5/27	The Council noted the update on the Joint IHO-Singapore Innovation and Technology Laboratory including simplified procedures for submission of project proposals.		(Decision A2/08 refers)
	IHO-Singapore Innovation and Technology Laboratory	C5/28 C5/29	The Council endorsed the HSSC project proposals: a. Testing automated conversion of S-57 to S-101 in support of the dual-fuel concept; and b. Prototyping a S-131 database (and interface) for marine harbour information The Council tasked HSSC to encourage ENCWG and NIPWG to manage their project applications respectively through the Lab.	HSSC-14/C-6	(Decision A2/08 refers)
5. IHO ANNUAL WORK PROGRAMME AND BUDGET					
5.1 Review of the Current Financial Status of the IHO					
	Financial Reporting Statement	C5/30	The Council noted the information provided on the current financial status.		Decision

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	Financial Reporting Statement	C5/31	The Council invited the Secretary-General to provide recommendations to the Council Members by Finance Circular Letter on the allocation of the anticipated surplus for 2021, with priority for additional funds going to capacity building.	April 2022	
5.2 Proposed IHO Work Programme for 2022					
	Proposed IHO WP for 2022	C5/32	The Council agreed to and approved the IHO Work Programme for 2022, as presented by the Secretary-General, including the preparation of A-3 and IHO Work Programme 2024-2026.		Decision
	Work Programme 2022	C5/33 (former C4/31)	IHO Secretariat to issue an IHO CL making the IHO Work Programme 2022 available to the IHO MemberStates as approved by the Council.	Permanent	Reminder: See IHO CL 18/2021 as reference
	World Hydrography Day	C5/34	The Council noted the proposed theme for the 2022 World Hydrography Day by the Secretary-General " <i>How hydrography can contribute to the United Nations Ocean Decade</i> " IHO Secretariat to circulate the theme for 2022 to the IHO MS by IHO CL and fine tune language of the theme as needed.	End of October 2021	Decision
5.3 Proposed IHO Budget for 2022					
	2022 IHO Budget	C5/35	The Council approved the budget estimates provided by the Secretary-General.		Decision
	Budget 2023	C5/36 (former C4/35)	Secretary-General to secure funding to support EWH projects through negotiation of suitable cooperation agreements with interested Member States and/or partnering organizations.	C-6	(Decision A2/39 refers) Ongoing (Canada's contribution noted)
6. IHO STRATEGIC PLAN REVIEW					

AGENDA ITEM	SUBJECT	DECISION or ACTION No.	DECISION or ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at October 2021)
6.1 Implementation and discussion of adaptations of the IHO Work programme and other affected IHO instruments resulting from the revised Strategic Plan with a specific focus on Goal 2 and Goal 3. Status report on the appropriateness and applicability of the new Strategic Performance Indicators					
	SPI metrics - IHO Secretariat (Action C4/37)	C5/37	The Council acknowledged the submission of the IHO Secretariat's recommendations on the Implementation of the Strategic Plan and noted the Secretariat's achievements, e.g. the number of followers on social media, counting IHO website visitors and standards documentation downloads.		Decision
	SPI Work Programme 1	C5/38	The Council approved the suggestion to measure the notable activities under WP1 in four categories (global outreach, regional outreach, stakeholder's specific outreach + consultations) as SPIs.		Decision
	SPI 2.1.1	C5/39	The Council noted the in-kind contribution/assistance requested by the IHO Secretariat to prepare the tools in support of SPI 2.1.1 and improve the attractiveness of the gateway. Council Members to consider the provision of some support.	March 2022	
	Application of ISO 9001 principles (Action C4/40)	C5/40	The Council endorsed the HSSC proposal that ISO 9001 principles will be experimented on the development of the Product Specification for ENCs S-101 ed. 2.0.0	C-6	
	SPI metrics - HSSC (Action C4/37 and C4/39)	C5/41	The Council agreed to the SPI metrics as proposed by HSSC in Annex A of its report with the following considerations and tasked HSSC to provide tentative values and comments to the Council Chair for the preparation of the Annual Report (section Implementation of the Strategic Plan).	End of January 2022	Decision

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	SPI metrics - IRCC (Action C4/37)	C5/42a ● ● ● ● ● ● C5/42b	The Council agreed to the SPI metrics as proposed by IRCC in Annex B of its report and tasked IRCC to engage with the RHCs to design relevant implementation procedures as appropriate. ● The Council tasked the IRCC to provide tentative values and comments to the Council Chair for the preparation of the Annual Report (section Implementation of the Strategic Plan). ●	● ● ● ● ● By April 2022 ● ● ● ● End of January 2022	Decision
	IRCC Strategic Workshop	C5/43	The Council noted the information from IRCC to organize a workshop by April 2022 on the definition and design of SPIs methodologies and subsequent governance and automated GIS tools to implement them, by Members States within RHCs . ●	IRCC-14 / C-6	

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	US Proposal - Council role in Annual Assessment of the implementation of the IHO Strategic Plan in support of anticipated Report to be Assembly-3.	C5/44 C5/45 C5/46 C5/47	The Council endorsed the US proposal for Council Chair to organize and prepare an annual assessment of the implementation of the IHO Strategic Plan for 2021 and 2022. Council Chair will establish a methodology for preparing an annual assessment, including, if required, creating a team to assist in this task. IHO Member States to be invited by Council Chair to provide support and information, as required. The Council noted the recommendation by Secretary-General that this report could be included in the Periodic Publication P7 - <i>IHO Annual Report</i> for Y replacing the current Annex B of P7 and requests the IHO Secretariat and the US assist in this matter. Other ways to make this report more prominent will be considered.	C-6 Ongoing End of January Y+1	Decision
6.1	Strategic Plan 2021-2026	C5/48 (former C4/36)	Following the adoption of the Revised Strategic Plan by A-2, the Council noted that the effective implementation of the Strategic Plan 2021-2026 is to be considered as the main theme of supervision and control of the Council until A-3, keeping in mind to apply the principles of ISO 9001.	A-3	Decision (Decisions A2/12&19 refer)
7. OTHER ITEMS PROPOSED BY A MEMBER STATE OR BY THE SECRETARY-GENERAL					
7.1 Update on the implementation of Decision A2/07: gender-inclusivity					

AGENDA ITEM	SUBJECT	DECISION or ACTION No.	DECISION or ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at October 2021)
	Gender-inclusive Language	C5/49	The Council endorsed the recommendations of Secretary-General presented in this report.		Decision
		C5/50	The Council agreed that to the greatest extent possible, the updating of gender references in existing IHO documents will take place in conjunction with other edits and revisions which have been received as proposals from IHO bodies. That is, there will be no systematic updating of all IHO documents for the single purpose of addressing gender language issues.		Decision
		C5/51	The Council agreed that guiding principles on gender-inclusive language, once approved, will apply to all <u>new</u> IHO documents, <u>new</u> Editions, and communications.		Decision
	Gender-inclusive Language	C5/52	The Secretary-General with assistance from CA will evaluate the UN Guidelines on gender-inclusive language and clean those relevant to the IHO to use as guiding principles. These will be incorporated into a new draft IHO Resolution on gender-inclusive language to be drafted by the Secretary-General to be reviewed by C-6 and proposed to A-3.	C-6	
	Gender-inclusive Language	C5/54	Following a review by the Secretary-General and CA, the Secretary-General with assistance from CA, UK and US (and other Member States...) will propose gender inclusive wording in M1 and M-3 in keeping with the UN Guidelines on Gender-inclusive Language. These will be applied the next time the document is updated or revised.	C-6, C-7...	

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	Gender-inclusive Language	C5/55	The Secretary-General to prepare a report on the use of gender-inclusive language in IHO documentation and written communication to be reviewed by C-6 and submitted to A-3.	C-6	
7.2 Update on the implementation of Decision A2/25: S-130 Polygonal demarcations of global sea areas					
		C5/56	The Council noted the progress report by the Secretary-General on the establishment of the S-130 PT and welcomed the nominations for the Chair and Vice-Chair positions, from Belgium and China respectively.		Decision
	S-23, A2 PRO1.9 follow-up	C5/57 (former C4/07)	Secretary-General to report on implementation of PRO 1.9 ¹ .	C-6 / A-3	(Decision A2/24&25 refer)
7.3 US Proposal - Council role in Annual Assessment of the implementation of the IHO Strategic Plan in support of anticipated Report to be Assembly-3.					
			<i>Reference 6.1</i>		
7.4 Information: UKHO (UK) & Shom (France) S-100 ECDIS Collaboration.					
	7.4	C5/58	The Council noted this report and encouraged UK and FR to pursue their efforts in this incremental experimentation.		
7.5 Information: UKHO's presentation on collaborative work underway with several other IHO Member States in relation to S100 and the various S1** datasets, products and services.					
	7.5	C5/59	The Council noted this report and thanked UK for their presentation and video.		
7.6 Information: Republic of Korea (KHOA) –US (NOAA) S-100 Test bed Project.					
	S-100 Test bed Project	C5/60	The Council noted the approach proposed by the KHOA-NOAA S-100 Test bed project to measure the efficiency quantitatively for the use of S-100 data service and invited Member States to join the project and suggest other quantitative measures (safety of navigation, efficiency) as appropriate.		
8. NEXT MEETING					

¹ Future of S-23.

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8.1 Dates and venue for the 6th Meeting of the IHO Council					
	C-6	C5/61	The Council agreed to hold C-6 in Monaco, at the IHO Secretariat, from 18 to 20 Oct. 2022. In the case of a remote/hybrid event, the Council agreed to consider arrangements similar to those made for C-5.	Go no-go decision 18 June 2022	<u>Decision</u>
9. ANY OTHER BUSINESS					
10. REVIEW OF ACTIONS AND DECISIONS OF THE MEETING					
11. CLOSURE OF THE MEETING					