**LIST OF DECISIONS and ACTIONS FROM C-5**

(as of 2 August 2022)

| **AGENDA**  **ITEM** | **SUBJECT** | **DECISION or ACTION**  **No.** | | **DECISION or ACTIONS**  **(in bold, action by)** | **TARGET**  **DATE/EVENT** | | **STATUS**  **(at August 2022)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1. OPENING** | | | | | | | |
| |  | | --- | | **1.1 Secretary-General Opening remarks and introductions** | | | | | | | | |
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| |  | | --- | | **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 |
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| |  | | --- | | **1.3 Chair’s Opening Remarks** | | | | | | | | |
|  | Opening | C5/02 | | **Council Members** welcomed the opening addresses by Dr. Geneviève Béchard, Council Chair and the Secretary-General and agreed on the participation of RENCs representatives as Observers. |  | | Decision |
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| |  | | --- | | **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** | | Last update: 2 August 2022 |
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| |  | | --- | | **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)** | | | | | | | | |
|  |  |  | | *See section 4.5* |  | |  |
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| |  | | --- | | **2.2 Report on the Application of ISO 9001 Principles (Decision A2/12)** | | | | | | | | |
|  |  |  | | *See sections 3.1, 4.1, 4.2 and 6.1* |  | |  |
| 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 |
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| |  | | --- | | **2.3 Discussion on the best way forward on the definition of hydrographic interest (Decisions A2/04 and A2/14).** | | | | | | | | |
|  | 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)** | |  |
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|  | 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)** | | | | | | | | |
|  |  |  | | *See section 6.1* |  | |  |
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| |  | | --- | | **2.5 Proposed version 1.x of the Roadmap for the S-100 Implementation Decade (Decisions A2/30&A2/31)** | | | | | | | | |
|  |  |  | | *See section 4.4* |  | |  |
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| |  | | --- | | **2.6 Update on the Dual-Fuel Concept (transition from S-57 to S-101 ENCs) (Decision A2/33)** | | | | | | | | |
|  |  |  | | *See section 4.1* |  | |  |
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| |  | | --- | | **2.7 Cumulative List of Assembly Decisions affecting the Council.** | | | | | | | | |
|  |  |  | | *For reference only* |  | |  |
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| **3. ITEMS REQUESTED BY THE IHO COUNCIL** | | | | | | | |
| |  | | --- | | **3.1 Review of the status of Decisions and Actions from C-4 (pending actions)** | | | | | | | | |
|  | IHO Resolutions on S-100 | C5/05  (former C4/12) | | 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.  **HSSC** and **IRCC** to make proposals for endorsement to **Council** when appropriate | **C-6 as appropriate in preparation of A-3** | | (Decision A2/32 refers).  Complete (IHO CL 20/2022 and HSSC Report to C-6, Annex A) |
| 4.2 | Capacity Building Activities | C5/06 (former C4/17, C3/25) | | 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. | **C-6** | | On going  See Annex to IRCC Report Doc. C6-04.2A |
|  | S-100 Implementation Strategy | C5/07 (former C4/23) | **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.  **SG/Council Chair** to identify some key actions in support and report progress at C-5. | | | **C-6** | (Decision A2/30 refers)  Complete.  See Doc. C6-04.4A |
|  | Application of ISO 9001 principles | C5/08  (former C4/40) | | 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. | **IRCC-14/C-6** | |  |
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| **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 ENCs))** | | | | | | | | |
|  | 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** | | Complete. See Doc. C6-04.1A, Annex C |
|  | 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 – *ECDIS Guidance for Good Practice* and Resolution MSC.232(82) - *ECDIS Performance Standard*. | **HSSC-14/NCSR-9 (June 2022), then C-6** | | Complete (IHO CL 31/2022 refers) |
|  | 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) See Doc. C6-04.1A and C6-04.1B  Decision |
|  | S-57, S-101 | C5/13  (former C4/11) | | **The Council** to monitor the progress of the task given to **HSSC** to prepare (*done*) then 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) |
|  | 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** | | Complete |
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| |  | | --- | | **4.2 Report and proposals from IRCC** | | | | | | | | |
| 4.2  6.1 | Report of IRCC | C5/15 | | 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.  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.  The Council recognized the need for further IRCC workshops to support the realization of the IHO Strategic Plan. | **By April 2022/IRCC-14/C-6** | | Decision  Complete (Doc. C6-04.2A and IHO CL 23/2022) |
| 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). |
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| |  | | --- | | **4.3** *Left blank intentionally* | | | | | | | | |
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| **4.4 Discussion on the S-100 Implementation Strategy – Proposals from HSSC and IRCC** | | | | | | | |
|  | S-100 Implementation Strategy – Products in 1st and 2nd 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** | | Complete (IHO CL 48/2021 refers) |
|  | 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** | | Ongoing |
|  | 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)  Complete. See Doc. C6-04.4A |
|  | 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)  Ongoing. See IHO CL 31/2022 |
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| **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)  Ongoing. |
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| **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 |
|  | 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** | | Complete. See FCL 01/2022 |
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| **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 Member States as approved by the Council. | **Permanent** | | Complete (IHO CL 48/2021 refers) |
|  | World Hydrography Day | C5/34 | | The **Council** noted the proposed theme for the 2022 World Hydrography Day by the Secretary-General “*How hydrography can contribute to the United Nations Ocean Decade”*  **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  Complete (IHO CL 43/2021 and 01/2022) |
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| **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)  - |
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| **6. IHO Strategic plan REVIEW** | | | | | | | |
| **6.1 Implementation and discussion of adaptions 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** | | Complete |
|  | 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** | | Complete |
|  | 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  Complete |
|  | 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  Complete (IHO CL 23/2022 refers) |
|  | 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** | | Complete |
|  | 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 - *IHO Annual Report* 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  Complete |
| 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)  Ongoing |
|  |  |  | |  |  | |  |
| **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** | | | | | | | |
|  | Gender-inclusive Language | C5/49  C5/50  C5/51 | | The **Council** endorsed the recommendations of Secretary-General presented in this report.  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.  The **Council** agreed that guiding principles on gender-inclusive language, once approved, will apply to all new IHO documents, new Editions, and communications. |  | | Decision  Decision  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** | | Complete. See Doc. C6-07.1A |
|  |  |  | |  |  | |  |
|  | 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…** | | Complete. See Doc. C6-07.1A |
|  | 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** | | To be discussed C-6 under agenda 7.1 |
| **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  3 meetings of S-130 PT  See Doc. C6-07.2A |
|  | S-23, A2 PRO1.9 follow-up | C5/57  (former C4/07) | | **Secretary-General** to report on implementation of PRO 1.9[[1]](#footnote-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.** | | | | | | | |
|  |  |  | | *Reference 6.1* |  | |  |
| **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** | | | | | | | |
| **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** | | Decision  Ongoing |
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| **9. ANY OTHER BUSINESS** | | | | | | | |
|  |  |  | |  |  | |  |
| **10. REVIEW OF ACTIONS AND DECISIONs OF THE MEETING** | | | | | | | |
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| **11.**  **CLOSURE OF THE MEETING** | | | | | | | |
|  |  |  | |  |  | |  |

1. Future of S-23. [↑](#footnote-ref-1)