**SEVENTH MEETING OF THE IHO INTER-REGIONAL COORDINATION COMMITTEE**

**IHO-IRCC7**

**Mexico City, Mexico, 01-03 June 2015**

**LIST OF ACTIONS AND DECISIONS (Draft)**

Action 20: IRCC Members to provide input to CBSC on how to gain access to funding across the regions (deadline: CBSC14).

Action 21: CBSC to identify principles on how to gain access to funding across the regions, compile the input from the IRCC Members and report to IRCC8 (deadline: IRCC8).

Decision 1: the IRCC endorsed the revised IRCC ToR. (Annex NNN).

Action 22: IHB to include the Crowd-Sourced Bathymetry Working Group (CSBWG) in the revised IRCC ToR approved in Decision 1 (deadline: June 2015).

Action 23: IHB to issue a CL seeking MSs approval for the revised IRCC ToR (deadline: July 2015).

Decision 2: the IRCC noted the reports of the Chair and the IHB.

Action 24: RENCs to seek the consent of member HOs and others that distribute their ENCs through a RENC, to provide CATZOC information to the IHB on their behalf for inclusion in the IHO Publication C-55 (deadline: July 2015).

Action 25: RENCs to report the results of their consultations with their members to provide CATZOC information to the IHB as soon as permission is received (deadline: IRCC8).

Action 26: RHC Chairs to report to IRCC on the status of the RHC procedures for selecting their representatives to the Council (deadline: IRCC8).

Decision 3: the IRCC agreed the following procedure to monitor and validate of the INT Chart production as an experimental phase for two years:

a. New INT Chart Producer Nations to provide first edition INT charts to Regional INT Chart Coordinator (or ICCWG).

b. INT Chart Coordinators/ICCWGs to manage the review of the first edition INT charts produced by new INT Chart Producer Nations to check their compliance with IHO standards, provide feedback to the Producer and to report progress to the next RHC meeting;

c. All INT Chart Producer Nations to provide first edition and new edition INT charts to Regional INT Chart Coordinator (or ICCWG) 3 months prior to every RHC meeting to enable Regional INT Chart Coordinator (or ICCWG) to validate current INT chart Scheme;

d. All editions of INT charts submitted under paragraphs a and b, to be subsequently transferred to the IHB to be included in the IHB reference collection for internal use;

e. IHO MS to provide an update of the list of on-line chart catalogues, either directly or systematically when updating the Yearbook.

Action 27: New INT Chart Producer Nations to provide INT chart (new productions and editions) to Regional INT Chart Coordinator (or ICCWG) for review as soon as convenient during the production cycle (deadline: as soon as produced).

Action 28: RHCs to implement procedures approved by Decision 3 and to report their processes for the review of first edition INT Charts produced by new Producer Nations to IRCC (deadline: IRCC8).

Decision 4: the IRCC decided to add the topic of satellite-derived bathymetry as a standing agenda item at all future IRCC meeting.

Action 29: IHB to include the topic of satellite-derived bathymetry as a standing agenda item for future IRCC meetings (deadline: IRCC8) (Permanent).

Decision 5: the IRCC noted the high level of engagement and capacity building activity being undertaken in the SWPHC region.

Decision 6: the IRCC noted the SWPHC’s significant collaborative and cooperative association with IMO, IALA, SPC and development agencies in moving forward with combined initiatives to raise awareness of hydrography and deliver practical improvements in the region.

Decision 7: the IRCC noted New Zealand's commitment to conduct additional hydrographic risk assessments and chart remediation programmes for a number of SW Pacific nations.

Decision 8: the IRCC noted Vanuatu's recent application for IHO membership.

Decision 9: the IRCC agreed on the need to update IHO publication C-16 - *National Hydrographic Regulations*, and for the IRCC Chair to seek input from RHC Chairs, to allow a subsequent new edition of C-16 to be published by IHB.

Action 30: IHB to issue a CL seeking MSs input to the update of C-16 - *National Hydrographic Regulations*, including any regulations covering government rights of access to bathymetric data collected for commercial or scientific purposes (deadline: July 2015).

Action 31: IHB to update IHO Publication C-16 - *National Hydrographic Regulations* based on the inputs provided by MSs (deadline: December 2015).

Action 32: SWPHC to invite NZ to report to IRCC on the economic value case for the SW Pacific Risk Assessment project (deadline: IRCC8).

Decision 10: the IRCC noted the NIOHC support for an IHO resolution on Maximising Hydrographic Data.

Decision 11: the IRCC agreed to encourage greater communication between ICCWG coordinators.

Action 33: RHC Chairs to instruct the ICCWG Coordinators to investigate ways to improve communication across the regions and report back to IRCC (deadline: IRCC8).

Decision 12: the IRCC noted the reports under agenda item 7 (docs IRCC7-07A, IRCC7-07B, IRCC7-07C, IRCC7-07D, IRCC7-07E, IRCC7-07F, IRCC7-07G, IRCC7-07H, IRCC7-07I, IRCC7-07J, IRCC7-07K, IRCC7-07L, IRCC7-07M, IRCC7-07N, IRCC7-07O).

Decision 13: the IRCC endorsed the proposed procedure for the maintenance of the IHO Publication S-53 which is to place the relevant annex to MSC.1/Circ.1310/Rev.1 under the cover of IHO S-53 and its Preface.

Action 34: WWNWS-SC to implement the process described in Decision 13 (deadline: December 2015).

Decision 14: the IRCC endorsed the proposal described in doc IRCC7-08B2, to submit proposed revised texts to MSI documents directly to IMO by the IHB.

Action 35: IHB to issue a CL to inform MS of the intention that WWNWS-SC would, in future, submit proposed revised texts to MSI documents directly to IMO, and invite any adverse comments from MS (deadline: July 2015).

Action 36: IHB and WWNWS-SC Chair to report to IRCC on the implementation of the procedures described under Decision 14 (deadline: IRCC8).

Action 37: IHB to inform the IMO Secretariat of the revised procedure to maintain MSI-related documents described under Decision 14 (deadline: following Action 36).

Action 38: IRCC to review the procedures described under Decision 14 (deadline: IRCC8).

Decision 15: the IRCC noted the potential impact caused by the existing limitations of the IHB secretariat to support the administration of the CB programme.

Action 39: IRCC to review the potential impact of the limitations on IHB secretariat support available to the CB activities (deadline: IRCC8).

Decision 16: the IRCC invited its members and the IHB to allocate additional contributions to the CB Fund.

Action 40: IHB to consider proposing an increased contribution from the IHO budget to the CB Fund (deadline: November 2015).

Action 41: RHCs to consider incorporating hydrography in more comprehensive maritime projects as a way of raising funds from Donor agencies and to report progress to IRCC (deadline: IRCC8).

Action 42: RHCs to invite MSs to update C-55 annually including reports of “no changes”) (deadline: July 2015).

Action 43: RHCs to provide access to the IHB to any of their relevant promotional material on CB and to consider using the posters displayed at the EIHC 5 CB exhibition (deadline: August 2015).

Action 44: RHC Chairs and CB Coordinators to provide: a) an initial summary report on Technical Visits (TV) within two weeks of the visit; and b) full reports are expected within three months of completion of a TV (deadline: a) Two weeks after the TV; b) Three months after the TV) (permanent).

Action 44bis: RHC Chairs and CB Coordinators to provide full reports for those TVs undertaken in 2014 that have not yet been submitted to the IHB. (deadline: July 2015).

Action 45: MSDIWG to a) develop syllabi for different levels of training courses (Done, see doc. IRCC7-08E), and b) support the CBSC to increase the number of trainers for MSDI through Training for Trainers (TFT) courses (deadline: IRCC8).

Decision 17: the IRCC approved the proposed amended ToR for the MSDIWG.

Action 46: IHB to upload the amended MSDIWG ToR to the website (deadline: June 2015).

Decision 18: the IRCC confirmed the MSDIWG to continue its work under its revised ToR.

Decision 19: the IRCC approved the proposed MSDIWG Work Programme.

Decision 20: the IRCC noted the establishment of the MSDI training syllabus by the MSDIWG.

Action 47: IRCC Chair to request HSSC to consider the technical issues raised in the MSDIWG Report, doc. IRCC7-08E (deadline: HSSC7).

Action 48: RHC consider nominating regional representatives on the MSDIWG (deadline: December 2015).

Action 49: MSDIWG to present examples of best practice MSDI at IRCC8 (Task A of the MSDIWG WP) (deadline: IRCC8).

Decision 21: the IRCC noted the potential impact caused by the existing limitations of the IHO secretariat to support the administration of IBSC activities.

Action 50: IRCC to review the impact caused by the limitations of the IHO secretariat to support the administration of IBSC activities and report to IRCC (deadline: IRCC8).

Decision 22: the IRCC endorsed the new edition of S-5B.

Decision 23: the IRCC endorsed the IBSC work plan for the development of new edition of the standards S-5A, S-5B, S-8A, S-8B).

Action 51: IHB to issue a circular letter seeking MSs approval of IHO Publication S-5B (deadline: July 2015).

Action 52: RHCs to continue supporting GEBCO regional projects and report back to IRCC (deadline: IRCC8) (Permanent).

Action 53: RHC Chairs to remind HOs of the standing request to provide GEBCO with access to existing shallow water bathymetric data, at whatever resolution is permissible by the country and to report progress to IRCC (deadline: IRCC8).

Action 54: IHB and the GGC to report on further developments in the Governance and administration of GEBCO to IRCC (deadline: IRCC8).

Decision 24: the IRCC noted the reports / papers under agenda item 8 (docs IRCC7-08A, IRCC7-08B1, IRCC7-08B2, IRCC7-08C, IRCC7-08E, IRCC7-08F, IRCC7-08G1, IRCC7-08G2, IRCC7-08H, IRCC7-13C).

Decision 25: the IRCC approve the WENDWG WP for 2015-2016.

Decision 26: the IRCC approved the continuation of the WENDWG under its current ToR.

Decision 27: the IRCC noted the work items K.1 and K.2 in the proposed WENDWG 2015-16 work programme (as given in Annex) for addressing information overlay issues.

Action 55: UK to provide a more detailed description of the purpose and impact of Admiralty Information Overlays (AIO) (Action WENDWG5/02) to IRCC (deadline: IRCC8).

Action 56: RHCs to provide comments on doc. WENDWG5-04B (Relevance of information overlay services and their status in the global IHO ENC programme) to IRCC (deadline: IRCC8).

Decision 28: the IRCC commended the work of the RENCs in their support to the WENDWG and the IHB and accepted their offer for the RHCs/ICCWG/ENC Chart Coordinators and IHB to use the RENC Coverage and Overlap Checker on-line tool [designed by PRIMAR].

Action 57: IHB to issue a CL announcing the use of the RENC Coverage and Overlap Checker on-line tool (deadline: September 2015).

Decision 29: the IRCC decided to accept the offer made by the RENCs (on the RENC coverage and overlap checker on-line tool), and agrees to invite the IHB to issue a CL announcing the availability of this tool for RHCs/ ICCWG Coordinator, IHB (password protected for every charting Region).

Decision 30: the IRCC noted work items J1 to J.4 in the proposed WENDWG work programme for 2015-16 (as given in Annex) are intended to address EIHC5 Decision No 12 on the implementation of the WEND Principles.

Decision 31: the IRCC agreed that no further action should be taken for the moment for amending the WEND Principles and Guidelines.

Action 58: IRCC Chair to report to HSSC that there is a need to align IHO S-65 with the WEND Principles and some sections of the WEND Guidelines and that this work might be undertaken by the ENCWG (deadline: HSSC7).

Action 59: IHB to continue the progressive development of the IHO ENC Catalogue within the IHO GIS Environment and report progress to IRCC (deadline: IRCC8).

Decision 32: the IRCC noted the reports under agenda item 9 (docs IRCC7-08D, IRCC7-09A, IRCC7-09B, IRCC7-09C and IRCC7-09D).

Decision 33: the IRCC noted the report of the HSSC (doc. IRCC7-10A).

Decision 34: the IRCC noted the potential impact of the development of an IHO policy for trusted crowd-sourced bathymetry on the possible establishment of a Hydrographic Surveys WG.

Action 60: WWNWS-SC to instruct the S-124 CG to liaise with the S-100WG for the development of IHO Publication S-124 - *Navigational Warnings* (deadline: August 2015).

Action 61: WENDWG to report on action IRCC6/35 (*Assess how representative are the performance indicators based solely on the inputs from PRIMAR and IC-ENC, and propose alternatives, if appropriate*) in time for consideration at HSSC7 (deadline: 22 September 2015).

Decision 35: the IRCC note the report on relations with other international organizations and IHO stakeholders (doc. IRCC-10B).

Decision 36: the IRCC noted the list of events in Annexes 1 to 4 of the report on relations with other international organizations and IHO stakeholders and how the IHO might be represented in those events considered relevant.

Decision 37: the IRCC noted the relevance of the Sendai Framework for Disaster Risk Reduction 2015-2030 on the applicable IHO Resolutions and activities.

Action 62: RHCs to consider providing representatives of the IHO at the international meetings listed in doc. IRCC-10B on relations with stakeholders and to inform the IHB (deadline: as soon as volunteers are identified).

Decision 38: the IRCC established a Crowd-Sourced Bathymetry Working Group (CSBWG) under the Terms of Reference contained in Annex A to doc. IRCC7-11A.

Action 63: IHB to issue a Circular Letter announcing the establishment of the CSBWG and seeking nominations from Member States (deadline: July 2015).

Action 64: IHB to liaise with the IHO DCDB Director to facilitate the establishment of the CSBWG (deadline: November 2015) – (Post meeting note: meeting took place on 5 June 2015).

Action 65: IHB to update the IRCC section on the IHO website to include the CSBWG (deadline: June 2015).

Action 66: IRCC to review the progress of the CSBWG and its ToR (deadline: IRCC8).

Decision 39: the IRCC appointed the Director of the IHO DCDB as the Chair of the CSBWG.

Decision 40: the IRCC noted the papers concerning access to bathymetric data (docs. IRCC7-11B and 11E) and decided to prepare a relevant supplement or additional chapter, as appropriate, to C-17-Spatial Data Infrastructures: “*The Marine Dimension” - Guidance for Hydrographic Offices* and to seek examples of national legislation that enable government access to bathymetric data collected for commercial or scientific purposes for inclusion in IHO publication C-16 - *National Hydrographic Regulations* (see also Action IRCC7-30).

Action 67: MSDIWG to prepare a supplement or additional chapter, as appropriate, to C-17-Spatial Data Infrastructures: “*The Marine Dimension” - Guidance for Hydrographic Offices* to provide guidance on mechanisms that can be established to improve national access to bathymetric and related hydrographic data originally collected for commercial or scientific purposes. This work should take into account docs. IRCC7-11B and IRCC7-11E (deadline: IRCC8).

Action 68: MSDIWG to submit the draft revision to C-17 resulting from the work under Action 67 to IRCC for review and endorsement prior to any formal adoption by Member States (deadline: IRCC8).

Decision 41: the IRCC noted the recommendations outlined in paragraphs 15 to 18 of the paper on *Considerations on the development of the General Bathymetric Chart of the Oceans (GEBCO)* (doc. IRCC7-11D.) and agreed that:

1. the development of the GEBCO Data Store should be coordinated with the current upgrade of the IHO DCDB that is intended to improve support for CSB and ocean mapping data discovery;

2. mechanisms should be developed to promote the collection of bathymetric data from scientific and crowd- sourced cruises and to ensure that the data is made available to GEBCO, accompanied by appropriate metadata, through the IHO DCDB;

3. methods and initiatives to improve the recognition of GEBCO as the “the most authoritative publicly available bathymetry of the world’s oceans” in support of global and regional programmes related with Earth observation and monitoring should be identified; and

4. affordable methods to produce geo-referenced raster copies of the repository of GEBCO ocean maps and plotting sheets that are held at the IHB should be further identified and, if appropriate, the relevant specifications should be developed.

Action 69: GEBCO Guiding Committee (GGC) to take into consideration the recommendations in doc. IRCC7-11D in implementing the GEBCO work plan and report progress on those recommendations to IRCC (deadline: IRCC8).

Decision 42: the IRCC noted the other reports under agenda item 11 (docs IRCC7-11A, IRCC7-11C, IRCC7-11D, IRCC7-11F, IRCC7-11G, IRCC7-11H).

Decision 43: the IRCC noted the report on GIS developments at the IHB (doc IRCC7-12A).

Decision 44: the IRCC noted the reports from Japan and The Philippines on responses to natural disasters (docs IRCC7-13A and IRCC7-13B).

Decision 45: the IRCC invited the IHB to revise the IRCC Work Programme based on the decisions and discussions that took place in the meeting and circulate the resultant programme for comment together with the draft record of the meeting.

Action 70: IHB to revise the IRCC Work Programme for 2015-2016 based on the decisions and discussions agreed at IRCC7 and circulate the resultant programme for comment together with the draft record of the 7th meeting (deadline: July 2015).

Decision 46: the IRCC decided to continue holding its meetings over three days.

Action 71: Chair and IHB to organize IRCC8 over a three-day period (deadline: IRCC8).

Decision 47: the IRCC decided that consideration of the potential impact of Council meetings on the roles and functions of the IRCC should be included as an agenda item at IRCC8.

Action 72: include the potential impact of the Council meetings on the roles and functions of the IRCC as an agenda item at IRCC8.

Decision 48: the IRCC accepted the offer of the UAE to host IRCC8 in UAE (Abu Dhabi) from 29 to 31 May 2016 back to back with CBSC14.

Decision 49: the IRCC accepted the tentative offer of Suriname to hold IRCC9 in Suriname (Paramaribo) in 2017.

Decision 50: the IRCC accepted the tentative offer of India to hold IRCC10 in India (Goa) in 2018.