

**SEVENTH MEETING OF THE IHO INTER-REGIONAL COORDINATION COMMITTEE  
IHO-IRCC7**

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

WORKING DRAFT

**LIST OF ACTIONS AGREED AT IRCC7**

(Sourced from IRCC9-03B dated 9 March 2016  
With USCHC column added for review by USCHC39)

<b>No</b>	<b>ACTION (AGENDA ITEM)</b>	<b>RESP.</b>	<b>DEADLINE</b>	<b>STATUS</b>	<b>USCHC</b>
IRCC7/01	Encourage the approval of pending applications for IHO membership	RHC Chairs	Report to IRCC Chair Dec 2015	Permanent.	No outstanding applications pending for approval by US or Canada
IRCC7/02	Continue to engage pending applicants in their region to encourage the ratification of the IHO Convention	RHC Chairs	Report to IRCC Chair Dec 2015	Permanent.	NA
IRCC7/03	Consider the participation of stakeholders at the RHC conferences	RHC Chairs	Report to IRCC Chair Dec 2015	Permanent.	Completed. USCHC held in conjunction with Canadian Hydrographic Conference (2016). Broad agency and university participation in USCHC39.
IRCC7/04	Continue to engage suspended Member States (MSs) in their region to encourage their re-admission to the IHO	EAtHC MACHC MBSHC	Report to IRCC Chair Dec 2015	Permanent.	NA
IRCC7/05	Provide the IRCC Chair with progress reports on the relevant tasks in the IHO 2015 Work Programme	RHCs and IRCC subsidiary organs	Jan 2016	Permanent.	Jan 2016 completed by Canada. Jan 2017 to be completed by US.
IRCC7/06	Provide the IHB with the IRCC Annual Report for 2015. Note: IRCC Chair to compile inputs from Action IRCC7/05	IRCC Chair	Feb 2016	Permanent.	NA

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IRCC7/07	Provide to the IRCC Chair the estimated values of SPIs and agreed WPIs as of 31 December 2015 and target values for 31 December 2017, complemented by the comments on the difficulties encountered and suggestions for a way forward	RHC Chairs	Jan 2016	Permanent.	Jan 2016 completed by Canada. Jan 2017 to be completed by US.
IRCC7/08	Invite GEBCO Guiding Committee / Bathymetric Regional Project Chairs to attend corresponding RHCs meetings, aiming at strengthening collaboration with a priority on improving high resolution shallow water bathymetry at the regional level	RHCs / GEBCO	Report to IRCC Chair Dec 2015	Permanent.	Andy Armstrong and Associate Professor Shachak Pe'eri attended USCHC39. A report was offered on GEBCO/IBCAO during the meeting.
IRCC7/09	Encourage MSs and representatives of industry and academia to promote and to work together to ensure that the best possible use is made of Satellite Derived Bathymetry	RHC Chairs	Report to IRCC Chair Dec 2015	Permanent.	Ongoing exchange of experiences of and research in SDB methodologies, case studies, and applications underway by USCHC. See minutes of USCHC39.
IRCC7/10	Organize, prepare, attend IRCC8	Chair/IHB	IRCC8	Permanent.	NA
IRCC7/11	Prepare the draft IRCC7 Report and circulate to the IRCC7 Participants	Chair/IHB	Jul 2015	Permanent. <b>DONE</b>	NA
IRCC7/12	Provide comments to the Chair on the draft IRCC7 Report	IRCC7 Participants	15 Aug 2015	Permanent. <b>DONE</b>	NA
IRCC7/13	Upload the IRCC7 Report to the IHO Website	IHB	22 Aug 2015	Permanent. <b>DONE</b>	NA
IRCC7/14	Investigate mechanisms for raising external funds	Chair/IHB	IRCC8	Permanent.	NA

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IRCC7/15	Provide material to the IHB to promote the achievements of IRCC bodies	RHC Chairs and subsidiary bodies	Report to IRCC Chair Dec 2015	Permanent.	
IRCC7/16	Take every opportunity to promote the achievements of IRCC bodies	IHB	Report to IRCC Chair Dec 2015	Permanent.	NA
IRCC7/17	Encourage National Hydrographers to invest in English language training in order to increase the chances of their candidates being selected to Cat A and Cat B training courses delivered in English	RHC Chairs	IRCC8	Permanent.	NA
IRCC7/18	Facilitate resolution of important inconsistencies between paper charts and ENCs and between ENCs from different producers as identified by the RENCs or otherwise	RHC Chairs	IRCC8	Permanent.	US joined IC-ENC in Spring 2016. The US and Canada work together as needed to resolve charting inconsistency issues and meet face-to-face at least once per year.
IRCC7/19	Encourage MSs in their respective regions to use the Risk Assessment methodology to establish Hydrographic Survey priorities	RHC Chairs	IRCC8	Permanent.	Ongoing.
IRCC7/20	provide input to CBSC on how to identify possible sources of funding to support capacity building efforts and programmes across the regions	IRCC Members	CBSC14	INPUT FROM IRCC MEMBERS ARE EXPECTED	NA

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IRCC7/21	identify principles on how to gain access to funding across the regions, compile the input from the IRCC Members and report to IRCC8	CBSC	IRCC8		NA
IRCC7/22	include the Crowd-Sourced Bathymetry Working Group (CSBWG) in the revised IRCC ToR approved in Decision 1	IHB	June 2015	DONE	NA
IRCC7/23	issue a CL seeking Member States approval for the revised IRCC ToR	IHB	July 2015	DONE (CL 73/2015) (CL 86/2015)	NA
IRCC7/24	to seek the consent of member HOs and others that distribute their ENC's through a RENC, to provide CATZOC information to the IHB on their behalf for inclusion in the IHO Publication C-55	RENCs	July 2015	DONE (CL 52/2015)  INPUT FROM RHCs ARE EXPECTED	NA
IRCC7/25	report the results of their consultations with their members to provide CATZOC information to the IHB as soon as permission is received	RENCs	IRCC8		NA
IRCC7/26	report to IRCC on the status of the RHC procedures for selecting their respective representatives to the Council	RHC Chairs	IRCC8		Report to be developed immediately following USCHC 39 (May 16, 2016)

No	ACTION (AGENDA ITEM)	RESP.	DEADLINE	STATUS	USCHC
IRCC7/27	<p>To task:</p> <p>a) New INT Chart Producer Nations to provide first edition INT chart to Regional INT Chart Coordinator (or ICCWG) for review as soon as convenient during the production cycle;</p> <p>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;</p> <p>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;</p> <p>d) All editions of INT charts submitted under action 27 a) and b) to be subsequently transferred to the IHB to be included in the IHB reference collection for internal use; and</p> <p>e) Member States to provide an update of the list of on-line chart catalogues, either directly or systematically when updating the Yearbook.</p>	RHC Chairs	October 2015	ONGOING (CL 64/2015)	<p>To be addressed at USCHC39</p> <p>*Region A INT Chart Coordinator</p> <p>*USCHC perspective on INT Chart responsibilities in Region A</p> <p>*other</p>

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IRCC7/28	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	RHCs	IRCC8		See above.
IRCC7/29	include the topic of satellite-derived bathymetry as a standing agenda item for future IRCC meetings	IHB	IRCC8	Permanent. <b>DONE</b>	NA Note: SDB is not a topic at the IRCC. There may have been a decision not to make this a standing agenda item.
IRCC7/30	issue a CL seeking Member States input to the update of C-16 - <i>National Hydrographic Regulations</i> , including any regulations covering government rights of access to bathymetric data collected for commercial or scientific purposes	IHB	July 2015	<b>DONE</b> (CL 9/2016)	NA
IRCC7/31	update IHO Publication C-16 - <i>National Hydrographic Regulations</i> based on the inputs provided by Member States	IHB	December 2015	<b>ONGOING</b>	NA
IRCC7/32	invite NZ to report to IRCC on the economic value case for the SW Pacific Risk Assessment project	SWPHC	IRCC8		NA
IRCC7/33	instruct the ICCWG Coordinators to investigate ways to improve communication across the regions and report back to IRCC	RHC Chairs	IRCC8	<b>ONGOING</b>	

No	ACTION (AGENDA ITEM)	RESP.	DEADLINE	STATUS	USCHC
IRCC7/34	implement the process described in Decision 13	WWNWS-SC	December 2015	DONE	NA
IRCC7/35	issue a CL to inform Member States 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 Member States	IHB	July 2015	DONE (CL 54/2015)	NA
IRCC7/36	report to IRCC on the implementation of the procedures described under Decision 14	IHB and WWNWS-SC Chair	IRCC8		NA
IRCC7/37	inform the IMO Secretariat of the revised procedure to maintain MSI-related documents described under Decision 14	IHB	following Action 36		NA
IRCC7/38	review the procedures described under Decision 14	IRCC	IRCC8		NA
IRCC7/39	review the potential impact of the resource limitations on IHB secretariat support available to the CB activities	IRCC	IRCC8		NA
IRCC7/40	consider proposing an increased contribution from the IHO budget to the CB Fund	IHB	November 2015	ONGOING	NA Does USCHC have an opinion to offer?

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IRCC7/41	consider incorporating hydrography in more comprehensive maritime projects as a way of raising awareness and funds from Donor agencies and to report progress to IRCC	RHCs	IRCC8		<p>MSDI being addressed at USCHC39. Summary to be developed.</p> <p>US is providing input to the Arctic Spatial Data Initiative in support of the CAFF working group of the Arctic Council. US seeking to expand awareness of importance of marine spatial data in the SDI effort by identifying readily available sources of MSDI to contribute to the Arctic SDI effort.</p>
IRCC7/42	invite Member States to update C-55 annually including reports of "no changes")	RHCs	July 2015	INPUT FROM RHCs ARE EXPECTED	The U.S. is currently revising its C-55 analysis.
IRCC7/43	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	RHCs	August 2015	INPUT FROM RHCs ARE EXPECTED	Ongoing
IRCC7/44	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	RHC Chairs and CB Co-ordinators	a) Two weeks after the TV b) Three months after the TV	Permanent.	NA
IRCC7/44 bis	provide full reports for those TVs undertaken in 2014 that have not yet been submitted to the IHB	RHC Chairs and CB Co-ordinators	July 2015	ONGOING	



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IRCC7/45	to a) develop syllabi for different levels of training courses; and b) support the CBSC to increase the number of trainers for MSDI through Training for Trainers (TFT) courses	MSDIWG	a) <b>DONE</b> b) IRCC8	See doc. IRCC7-08E	NA
IRCC7/46	upload the amended MSDIWG ToR to the website	IHB	June 2015	<b>DONE</b>	NA
IRCC7/47	request HSSC to consider the technical issues raised in the MSDIWG Report, doc. IRCC7-08E	IRCC Chair	HSSC7	<b>DONE</b>	NA
IRCC7/48	Consider nominating regional representatives on the MSDIWG	RHCs	December 2015	<b>INPUT FROM RHCs ARE EXPECTED</b>	To be considered at USCHC39.
IRCC7/49	present examples of best practice MSDI at IRCC8	MSDIWG	IRCC8	Task A of the MSDIWG WP	<p><b>Does USCHC wish to provide input to MSDIWG as the latter prepares this for IRCC8?</b></p> <p>The US hosts an instance of Esri's Maritime Chart Server that includes ENC's from the United States, Mexico, Colombia, Cuba, and the Netherlands. This site is open for any who wish to use it,  <a href="https://gis.charttools.noaa.gov/MACHC/MACHC%20ENCOnline/">https://gis.charttools.noaa.gov/MACHC/MACHC%20ENCOnline/</a></p>

No	ACTION (AGENDA ITEM)	RESP.	DEADLINE	STATUS	USCHC
IRCC7/50	review the impact caused by the resource limitations of the IHO secretariat to support the administration of IBSC activities during IRCC8	IRCC	IRCC8		
IRCC7/51	issue a circular letter seeking Member States approval of IHO Publication S-5B	IHB	July 2015	DONE (CL 53/2015) (CL 90/2015)	US and Canada have approved IHO Pub S-5B
IRCC7/52	continue supporting GEBCO regional projects and report back to IRCC	RHCs	IRCC8	Permanent.	The United States (NOAA) is hosting its second GEBCO course on conducting chart adequacy assessments in July 2016. NOAA expects members from 10 different nations to attend.
IRCC7/53	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	RHC Chairs	IRCC8		
IRCC7/54	report on further developments in the Governance and administration of GEBCO to IRCC	IHB and the GGC	IRCC8		Two Chart Adequacy workshops hosted by NOAA (Silver Spring, MD) (July 2015 and July 2016) are promoting the need for shallow water bathymetric data. Approximately a dozen hydrographers from around the world attend each workshop held.

No	ACTION (AGENDA ITEM)	RESP.	DEADLINE	STATUS	USCHC
IRCC7/55	provide a more detailed description of the purpose and impact of Admiralty Information Overlays (AIO)	UK	IRCC8	See action WENDWG5/02	The US (NOAA) considers its ENC's to fulfil the requirements for safe navigation without any additional layers. NOAA resolves AIO issues with the UK on a bilateral basis. CHS-UKHO has put in place a process to discuss AIO issues on a bilateral basis.
IRCC7/56	provide comments on doc. WENDWG5-04B (Relevance of information overlay services and their status in the global IHO ENC programme) to IRCC	RHCs	IRCC8	<a href="#">RHC comments are expected via Action WENDWG5/01</a>	Overcome by events. The WENDWG should be presenting a recommendation relating to safety of navigation being that "AIO must be withdrawn where the primary charting authority produces T&P NtMs for its ENC". [JL] The US (NOAA) considers its ENC's to fulfil the requirements for safe navigation without any additional layers. NOAA resolves AIO issues with the UK on a bilateral basis.
IRCC7/57	issue a CL announcing the use of the RENC Coverage and Overlap Checker on-line tool	IHB	September 2015	DONE (CL 58/2015)	NA
IRCC7/58	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	IRCC Chair	HSSC7	DONE	

No	ACTION (AGENDA ITEM)	RESP.	DEADLINE	STATUS	USCHC
IRCC7/59	continue the progressive development of the IHO ENC Catalogue within the IHO GIS Environment and report progress to IRCC	IHB	IRCC8		NA
IRCC7/60	instruct the S-124 CG to liaise with the S-100WG for the development of IHO Publication S-124 - <i>Navigational Warnings</i>	WWNWS-SC	August 2015	DONE	NA
IRCC7/61	report on action IRCC6/35 ( <i>Assess how representative are the performance indicators based solely on the inputs from PRIMAR and IC-ENC, and propose alternatives, if appropriate</i> ) in time for consideration at HSSC7	WENDWG	22 September 2015	DONE	NA
IRCC7/62	consider providing representatives of the IHO at the international meetings listed in doc. IRCC-10B on relations with stakeholders and to inform the IHB	RHCs	as soon as volunteers are identified	INPUT FROM RHCs ARE EXPECTED	See: <a href="http://iho.int/mtg_docs/com_wg/IRCC/IRCC7/IRCC7-10B_Relations%20with%20Stakeholders.pdf">http://iho.int/mtg_docs/com_wg/IRCC/IRCC7/IRCC7-10B_Relations%20with%20Stakeholders.pdf</a>
IRCC7/63	issue a Circular Letter announcing the establishment of the CSBWG and seeking nominations from Member States	IHB	July 2015	DONE (CL 42/2015)	NA
IRCC7/64	liaise with the IHO DCDB Director to facilitate the establishment of the CSBWG	IHB	November 2015	DONE	NA

No	ACTION (AGENDA ITEM)	RESP.	DEADLINE	STATUS	USCHC
IRCC7/65	update the IRCC section on the IHO website to include the CSBWG	IHB	June 2015	DONE	NA
IRCC7/66	review the progress of the CSBWG and its ToR	IRCC	IRCC8		NA
IRCC7/67	prepare a supplement or additional chapter, as appropriate, to C-17-Spatial Data Infrastructures: <i>“The Marine Dimension” - Guidance for Hydrographic Offices</i> 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	MSDIWG	IRCC8		U.S. representatives to the MSDIWG include John Lowell (NGA), Sebastian Cariso (NGA) and Lucy Hick (NOAA)
IRCC7/68	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	MSDIWG	IRCC8		
IRCC7/69	take into consideration the recommendations in doc. IRCC7-11D in implementing the GEBCO work plan and report progress on those recommendations to IRCC	GGC	IRCC8		

No	ACTION (AGENDA ITEM)	RESP.	DEADLINE	STATUS	USCHC
IRCC7/70	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 7 <sup>th</sup> meeting	IHB	July 2015	DONE	
IRCC7/71	organize IRCC8 over a three-day period	Chair and IHB	IRCC8	DONE	
IRCC7/72	include the potential impact of the Council meetings on the roles and functions of the IRCC as an agenda item at IRCC8	Chair and IHB	IRCC8	DONE	