

## LIST OF ACTIONS&amp;DECISIONS FROM WENDWG-6

AGENDA ITEM/WORK IEM	SUBJECT	ACTION No.	ACTIONS&DECISIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at 13 Dec. 2016)
<b>1. Opening and Administrative Arrangements</b>					
	WENDWG Membership	WENDWG6/01	<b>UK</b> to report to the NSHC Chair on the need for the designation of a new representative at WENDWG	<b>Prior to NSHC-32, June 2016</b>	Complete (Mr Nigel Sutton, UKHO designated as NSHC Rep.). <b>Nomination prior to and Election at WENDWG8</b>
	WENDWG Membership	WENDWG6/02	<b>IHB</b> to update the WENDWG Membership List, following the designation of Canada (Laurent Tardif) as the representative for ARHC and USCHC.	<b>End of March 2016</b>	Complete
<b>4. Review of progress made on the work items of the WENDWG 2015-16</b>					
<b>4.1 Overlapping Issues</b>					
	Impact of overlapping ENCs on ECDIS	WENDWG6/03	<b>IHB</b> (on behalf of HSSC Chair) and <b>IC ENC Rep.</b> in <b>ENCWG</b> to seek the views of the ENCWG and the NCWG, on the <i>IC-ENC's Testing Overlapping ENCS in ECDIS</i> report and these WGs to provide any recommendation as appropriate.	<b>12 March 2016</b>  <b>WENDWG-7</b>	Done

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	Impact of overlapping ENC's on ECDIS	WENDWG6/04	<b>WENDWG Chair</b> to seek the views of CIRM on the <i>IC-ENC's Testing Overlapping ENCS in ECDIS</i> report (draft cover letter to be prepared by the ad hoc drafting group, on risk level, criteria used by OEMs, ECDIS standard test, best way of implementing the WEND Principles, reports of significant problems by manufacturers, etc.)	<b>End of March 2016</b>	Complete
	Significant overlapping	WENDWG6/05	<b>WENDWG Chair/Sec</b> to report to IRCC-8 and seek guidance from this Committee, on the intention to draft a proposal at the IHC-19/IHO-A1 for the adoption of an IHO Decision, the objective of which being a commitment to: - identify the most “navigationally-significant” overlapping issues, - prevent the increase of such cases; - address and solve all of those cases, as soon as possible and at least within 3-years, at the IHO level (using the full range of tools: WEND Guidelines, RHCs, ENC Schemes, RENCs, OEMs).	<b>11 April 2016 (IRCC-8 submission deadline)</b>  <b>End of August/October 2016</b>	Done  WENDWG to draft an IHO Resolution (deadline IRCC9) <a href="#">WENDWG7 agenda item 4.5</a>
	ENC Schemes	WENDWG6/06	<b>RHCs</b> to define and adopt ENC Schemes (as it is done for INT Charts Schemes) and provide basic metadata to the IHB and <b>IHB</b> to consider including a layer of “Approved” ENC Schemes to the IHO ENC Catalogue or as an extension of the INT Web Chart Catalogue.	<b>WENDWG-7</b>	In progress <a href="#">WENDWG7 agenda item 4.4</a>

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	ECDIS scenarios and ENC overlapping test cases	WENDWG6/07	<b>SG</b> (on behalf of EAHC) to report (including potential impact on WEND Principles if any), on scenarios and outcomes of case studies for solving ENC overlapping issues through OEM software solutions within ECDIS.	<b>IRCC-8</b>	<b>WENDWG7 agenda item 4.1</b>
<b>4.2 RENC Harmonization and Distribution</b>					
	ENC Distribution	WENDWG6/08	<b>IHB</b> to upload on the WENDWG Repository webpage a version-controlled of the ENC Data Flow Producers-RENCs-Distributors diagram, as well as the Joint RENC Document on the benefits of joining a RENC/or distributing ENC through a RENC. Document to be kept updated by the <b>RENCs</b>	<b>1 April 2016</b>	Complete
	ENC Distribution	WENDWG6/09	<b>WENDWG Chair</b> to include the ENC Data Flow Diagram in the report to IRCC-8 and, when highlighting the importance of ENC data quality for mariners and as one of the major objectives of the IHO, confirms that, although it is the Coastal State Responsibility to decide on the ENC distribution mechanisms, one of the best way to ensure a consistent and high quality level within the IHO is to adopt a distribution through the RENCs (ref. to the WENDWG Repository)	<b>11 April 2016 (IRCC-8 submission deadline)</b>	Complete <b>WENDWG7 agenda item 4.3</b>
<b>4.3 ENC Coverage</b>					
	List of Ports	WENDWG6/10	<b>US</b> to provide the IHB with the NGA World Port Index Database (Pub. 150) and liaise with the US Representative at the IMO to get a possible IMO List of the Top 2000 ports.	<b>WENDWG-7</b>	<b>Small, medium and large ports now available on IHO ENC Catalogue</b>

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	Gap Analysis	WENDWG6/11	<b>IHB</b> to make the MACHC worldwide cruise ship gap analysis available on the WENDWG Repository and <b>RHCs</b> to provide feedback on their interest and possible extension to other SOLAS vessels.	WENDWG-7	Done for action on IHB <a href="#">WENDWG7 agenda item 4.1</a>
	ENC Coverage, IHO Report to NCSR	WENDWG6/12	<b>UKHO</b> to provide coverage statistics for IMO / NCSR 4 (business as usual) and <b>WENDWG Chair</b> to provide IHB with any recommendation to be brought up to the attention of the IMO/NCSR in terms of coverage (moorings, ports, etc.), inconsistencies...	End of October 2016	
<b>4.4 IHO Performance Indicators, IHO ENC Catalogue</b>					
	Preparation of the next IHO Strategic Plan and 3-year Programme of Work	WENDWG6/13	Based on Doc. WENDWG6-04.4F4, <b>WENDWG Chair</b> to make a proposal in his report to IRCC for considering the adoption by the IHC-19/IHO-A1 of 2 new Performance Indicators as part of the new IHO Strategic Plan and 3-year Programme of Work.	11 April 2016	Complete
	Preparation of the next IHO Strategic Plan and 3-year Programme of Work	WENDWG6/14	<b>WENDWG (IHB/RENCs/RHCs)</b> to prepare the implementation of these indicators, following IRCC-8 decision (template report for end-user service providers/RENCs, number of SOLAS ENC users, etc.)	End of October 2016	Waiting for IRCC9 follow-up IHO-A1 and instructions <a href="#">WENDWG7 agenda item 4.2</a>
	Evolution of the IHO ENC Catalogue	WENDWG6/15	In addition to Action WENDWG6/06 relating to ENC Schemes, <b>IHB</b> to consider the possibility of displaying ENC Coverage by charting regions/RHCs.	End of June 2016	In progress <a href="#">WENDWG7 agenda item 4.2</a>

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	Evolution of the IHO ENC Catalogue	WENDWG6/16	<b>IHB</b> to, either add an explanatory note on the attribute <i>RENC_Member</i> , in the IHO ENC Catalogue legend panel, or to delete it from the display.	<b>End of June 2016</b>	To be discussed <b>WENDWG7 agenda item 4.2</b>
	Extension of the IHO ENC Catalogue, ENC Distribution	WENDWG6/17	All End-User Service Providers (Jeppesen, ...), <b>ENC Producers, VARs, HOs</b> (“black box” of the ENC Data Flow diagram), to provide a subset of their ENC catalogue to complement the IHO ENC Catalogue, so all <u>available</u> ENC’s can be displayed, and <b>IHB</b> to consider the possibility of flagging up the ENC’s that are not <u>accessible</u> to all, based on the metadata that are provided.	<b>Test by the end of June 2016, then on a monthly basis.</b>	
<b>4.5 The Full Implementation of the WEND Principles</b>					
	Barriers and Recommended Actions	WENDWG6/18	<b>WENDWG Chair</b> to include a summary report of the analysis on the full implementation of WEND Principles and highlight “new” recommendations that might need further considerations either at the IHO global level, or at the Regional level.	<b>11 April 2016</b>	<b>Complete</b>
<b>4.6 Admiralty Information Overlays</b>					

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	Admiralty Information Overlay	WENDWG6/19	<b>WENDWG Chair</b> to provide the IRCC with the following proposals: 1. UKHO to withdraw their AIO service for the areas where the primary charting authority produces T&P NtMs for their ENC. 2.a. AIO service to be provided only if and after a given producer nation has provided consent for such a service on waters where it is the primary charting authority. 2.b. An improved solution for awareness and use of T&P updates in future S-101 based ECDIS to be included in the ENCWG / S-101 Project Team work plans.	<b>11 April 2016</b>	Done
	Admiralty Information Overlay	WENDWG6/20	<b>UKHO</b> to reconsider the wording on the AIO services currently available on their website <sup>1</sup> , in a way that it does not imply as a requirement for safety of navigation.	<b>11 April 2016</b>	Complete
<b>5. Industry and Stakeholders' Session</b>					
	ENC Data Quality, Preparation of the Future	WENDWG6/21	<b>WENDWG Chair</b> to recommend to the IRCC that HOs work closely with the ENCWG to extend the harmonized use of CATZOC when encoding ENCs and to increase the resolution of bathymetric contour lines within ENCs.	<b>IRCC-8</b>	<b>WENDWG7 agenda item 5</b>
	ENCs Accessibility	WENDWG6/22	<b>UKHO</b> and <b>Jeppesen</b> to consider the possibility of making their “exclusive” ENCs accessible to every End-User Service Provider (VARs, etc.), and to give a timeline on when that will happen. <b>WENDWG</b> to monitor the progress made on an annual basis (ENC Data Flow diagram).	<b>IRCC-8</b>  <b>WENDWG-7</b>	<b>WENDWG7 agenda item 4.3</b>

<sup>1</sup> <https://www.ukho.gov.uk/Media/News/Pages/AIO.aspx>

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	Grid Schemes, Preparation of the Future	WENDWG6/23	Following a “food-for-thought” presentation by Caris on new standards (S-1xx, S-4xx, ..) and ENC / S-101 / S-102 schemes, <b>WENDWG Chair</b> to highlight in his report to IRCC (and HSSC), the benefit for HOs to move to a datacentric approach rather than products-based only and encourage and support the work of MSDIWG.	<b>11 April 2016</b>	Complete
	Participation of Expert Contributors in WENDWG meetings	WENDWG6/24	In accordance with WENDWG TORs and considering positive feedback from their participation in WENDWG-6, <b>WENDWG Chair</b> to invite subject matter experts (industry, academia, ...) at WENDWG-8 meeting in 2018.	<b>WENDWG-8</b>	
<b>8. Review and update of the WENDWG Programme of Work</b>					
	IRCC-8 Preparation	WENDWG6/25	<b>WENDWG Chair</b> to submit the draft report, including the WENDWG 2016-17 Programme of Work to IRCC-8.	<b>By 11 April (IRCC8 submission deadline)</b>	Complete
<b>10. Any other business – Election of Vice-Chair</b>					
	Vice-Chair	WENDWG6/26	<b>Mr John Nyberg</b> (USA, NOAA) was elected as Vice-Chair		WENDWG webpage updated
<b>11. Next meeting dates and venue</b>					
	WENDWG-7 and RENCs Co- operation	WENDWG6/27	Due to the IHC-19/IHO-A1 in April 2017, <b>WENDWG-7</b> will be held back-to-back with the Joint RENCs-IHB meeting in USA (venue, tbc), 31 Jan. – 2 Feb. 2017.	<b>Jan-Feb. 2017</b>	Complete. Venue will be Washington DC