



IHB File S3/8151/CHRIS

CIRCULAR LETTER 16/2006  
30 January 2006

**17<sup>th</sup> CHRIS MEETING**  
**Rostock, Germany, 5-9 September 2005**  
*including*  
**ECDIS Stakeholders' Forum, 6-7 September**

- References:
- a) Circular Letter 93/2005 dated 23 September 2005
  - b) Circular Letter 94/2005 dated 26 September 2005
  - c) Circular Letter 108/2005 dated 26 October 2005

Dear Hydrographer,

The final minutes of the 17<sup>th</sup> CHRIS Meeting held in Rostock, Germany on 5-9 September 2005, as well as all documents referred to at this meeting, are available on the CHRIS page of the IHO website<sup>1</sup> ([www.iho.shom.fr](http://www.iho.shom.fr) > Committees > CHRIS). Also included is a summary report of the ECDIS Stakeholders' Forum which took place on 6-7 September in conjunction with CHRIS/17 (Annex J of the Minutes). The Meeting attracted 44 delegates from 24 Member States and was chaired by Captain Robert WARD (Australia). A list of actions arising from this meeting, with their current status, is provided in **Annex A**. Member States' attention is drawn to the following main points:

Future of S-57 (Section 5.1 of the Minutes)

The main item on the agenda was to determine the future development of the IHO Transfer Standard for Hydrographic Data (currently S-57 edition 3.1) and its associated ENC Product Specification. There is a need to maintain the IHO data transfer standard as a contemporary standard and also to allow for necessary improvements to ENCs for use in ECDIS. An ECDIS Stakeholders' Forum was convened during the CHRIS meeting specifically to canvass the widest possible opinion and views on the future of S-57 before reaching any conclusions and to ensure that the CHRIS was fully informed of possible impacts as part of its deliberations. The outcome of the CHRIS considerations on S-57 has since been promulgated in IHO Circular Letters in references a) and b).

Terms of Reference (Section 4.2 of the Minutes)

The CHRIS reviewed its Terms of Reference and those of its subordinate bodies, particularly to include recognition of Non Governmental International Organizations (NGIOs) as agreed at the 3<sup>rd</sup> Extraordinary International Hydrographic Conference (3<sup>rd</sup> EIHC, April 2005). As a result, revised Terms of Reference for CHRIS were submitted to Member States by Circular Letter in reference c). No objection to the new TOR was received at the Bureau and they are therefore **accepted**. We thank the eight Member States who explicitly expressed their support of these TOR, i.e. Chile, Greece,

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<sup>1</sup> Digital and/or paper copies of the final minutes can be provided on request to the IHB ([info@ihb.mc](mailto:info@ihb.mc)).

Netherlands, Norway, Peru, Portugal, Spain and United Kingdom. Peru further mentioned an editorial mistake in the Spanish version of the TOR, which has been corrected accordingly.

Future of CHRIS (Section 4.3 of the Minutes)

As a result of the agreement in principle to proposals submitted to the 3<sup>rd</sup> EIHC concerning reorganisation of the main bodies of the IHO, CHRIS considered how the Committee might migrate to become the proposed Hydrographic Standards and Specifications Committee (HSSC). The CHRIS Chairman subsequently submitted a report to the IHO Strategic Working Group (SPWG) for consideration in due course.

Work Plan of CHRIS subsidiary bodies (Section 6 of the Minutes)

The work of all the CHRIS Working Groups and sub WGs was reviewed. As a result the CHRIS Work Plan was amended and endorsed. Concern was expressed over the level of participation in some WG's, in particular the Colours and Symbols Maintenance Working Group (C&SMWG) and the Standardisation of Nautical Publications Working Group (SNPWG). In both cases, IHO Member States' participation is low and there is a pressing need to attract wider technical participation from "expert contributors" from industry and academia to supply expertise not available from MS.

The 18<sup>th</sup> CHRIS Meeting will take place from 25 to 29 September 2006 in Cairns (Queensland), Australia, at the kind invitation of the Australian Hydrographic Service. It is planned for the next session of the ECDIS Stakeholders' Forum to take place in conjunction with the 10th meeting of the WEND Committee, which will normally be during the week 11-15 September 2006 at the IHB (dates to be confirmed).

On behalf of the Directing Committee  
Yours sincerely,



Rear Admiral Kenneth BARBOR  
Director

Encls: - Annex A Action List from the 17<sup>th</sup> CHRIS Meeting

**17<sup>th</sup> CHRIS MEETING**  
**Rostock, Germany, 5-9 September 2005**

**LIST OF ACTIONS AND STATUS**

<b>AGENDA ITEM</b>	<b>SUBJECT</b>	<b>ACTION No.</b>	<b>ACTIONS (in bold, action by)</b>	<b>STATUS (January 2006)</b>
3.	ECDIS-related Terms	17/1	<b>Secretary</b> to forward all ECDIS-related terms and definitions, as contained in Annex I to minutes of CHRIS16 and in Annex F to these minutes, to the Chair of the IHO Committee on the Hydrographic Dictionary (S-32), in view of their inclusion in S-32.	Complete.
4.1	QMS implementation	17/2	<b>IHB</b> to circulate Doc. WEND9-3C to IHO MS by CL.	Complete. See CL 117/05.
4.2	CHRIS ToRs	17/3	<b>IHB</b> to circulate the revised CHRIS TORs to MS by CL for approval.	Complete. See CL 108/05.
4.3	HSSC ToRs	17/4	<b>CHRIS Chair</b> to circulate all draft TORs (HSSC, DATS, SDPS and SSSP) to CHRIS Members for final review, then to submit them to the December 2005 SPWG Meeting.	Complete.
5.1	Use of S-58	17/5/1	<b>TSMAD Chair</b> (Brown) to draft a letter to ECDIS manufacturers / users on the purpose and use of S-58, which will be forwarded by IHB.	
	Currency of ECDIS Software	17/5/2	<b>CHRIS Chair Group</b> to investigate and pursue appropriate mechanisms to ensure an IMO requirement for the maintenance of the currency of ECDIS software.	
	CL on ENC PS e3.1.1	17/5/3	<b>CHRIS Chair Group</b> to liaise with IHB to issue a Circular Letter informing MS and stakeholders of the development of ENC PS e3.1.1, with brief reasons and justification.	Complete. See CL 94/05.
	Development of ENC PS e3.1.1	17/5/4	<b>TSMAD</b> to develop e3.1.1 of the ENC Product Specification, with target date of September 2006 (CHRIS18) for completion.	
	CL on S-100 & S-101	17/5/5	<b>CHRIS Chair Group</b> to liaise with IHB to issue a Circular Letter informing MS and stakeholders of the impending changes related to S-100 and S-101.	Complete. See CL 93/05.
	Development of S-100 & S-101	17/5/6	<b>TSMAD</b> to continue development work on S-100, and to commence work on S-101, with target dates of end 2007 and end 2012 for publication, respectively.	
	Project Plan for S-100 & S-101	17/5/7	<b>TSMAD</b> to submit an impact statement and detailed project plan for the ongoing development of S-100 and S-101, for consideration at CHRIS18.	

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	STATUS (January 2006)
5.2	Linear Depth Areas	17/6/1	<b>C&amp;SMWG</b> to reconsider the “linear depth areas” issue at its next meeting and C&SMWG Chair to prepare a paper on the matter, including proposed action, for submission to CHRIS18.	
	New S-57 e3.1.1 objects	17/6/2	<b>C&amp;SMWG</b> to draft symbolisation for S-57 e 3.1.1 added objects.	
	PL Addendum	17/6/3	<b>IHB</b> to make the description of ECDIS symbols (PL Addendum) available free of charge on the IHO website.	Complete.
	Pick Reports	17/6/4	Format for presentation of pick reports on ECDIS to be addressed by <b>SNPWG</b> .	
	PL Maintenance	17/6/5	<b>C&amp;SMWG</b> to continue low-level maintenance of PL e3.3, including the necessary support for S-57 e3.1.1.	
	Symbols Registry	17/6/6	<b>C&amp;SMWG</b> to assess and monitor the move towards symbolization Registry System.	In progress.
5.3	Criticisms on S-63	17/7	<b>DPSWG Vice Chair</b> (Smith) to convey the criticisms / concerns expressed by Industry at the ECDIS Stakeholders Forum, to the DPSWG Chair and all DPSWG members, for review and possible action.	
5.4	NP3 Data Structure	17/8/1	<b>SNPWG</b> to develop NP3 data structure as an extension to S-100, with target date of end 2007 for completion.	
	NP3 Presentation	17/8/2	<b>SNPWG</b> to develop broad guidelines, parameters and principles for NP3 presentation in ECDIS, in execution of Task C of the SNPWG WP.	
	NP3 Presentation	17/8/3	<b>SNPWG Chair</b> (Melles), in liaison with HGMIO Chair (Alexander), to seek assistance from academia and industry in developing appropriate standards and guidelines for NP3 presentation, through a suitable research project.	
	Participation in SNPWG	17/8/4	<b>CHRIS Members</b> to encourage their representatives in SNPWG to participate and contribute more actively between meetings.	
6.	CHRIS WP	17/9/1	<b>CHRIS Chair and Secretary</b> to review and streamline the CHRIS Work Plan format.	
	CHRIS WP	17/9/2	<b>CHRIS Chair</b> to provide the current work plan to WG Chairs for review, prior to CHRIS18.	
6.2	Printed ENCs	17/10	<b>USA-NOAA</b> to report progress on “Printed ENCs” to CHRIS18.	

<b>AGENDA ITEM</b>	<b>SUBJECT</b>	<b>ACTION No.</b>	<b>ACTIONS (in bold, action by)</b>	<b>STATUS (January 2006)</b>
8.	OEF	17/11	<b>IHB</b> to reflect annual support of OEF in IHO budget.	
9.	2 <sup>nd</sup> ECDIS Stakeholders Forum	17/12	<b>IHB</b> to programme the next ECDIS Stakeholders Forum in conjunction with the 10 <sup>th</sup> WEND Committee Meeting.	In progress.
10.4	Inland ECDIS	17/13	<b>IEHG</b> to be more actively involved in the development of S-100 and S-101. <b>TSMAD Chair</b> (Brown) to invite IEHG to participate in relevant TSMAD activities.	
11.	Vector / Raster Data	17/14	<b>CHRIS Secretary</b> to ensure that, from CHRIS18 a single agenda item "Summary of Digital Data Availability" will replace the existing "Vector Data Development" and "Raster Data Development". "Inland ECDIS" will stand as a separate item.	
12.1	ISO-IHO MoU	17/15	<b>IHB</b> to circulate the draft ISO-IHO MoU to Member States for comments / approval.	Complete. See CL 102/05.
12.2	DGIWG-IHO CA	17/16	<b>IHB</b> to clarify the points raised at CHRIS18, then circulate the draft DGIWG-IHO CA to Member States for comments / approval.	Complete. CL 4/06.
12.3	ECS Standard	17/17	<b>IHO MS</b> to take note of the implications of the standard IEC 62376, related to regulating ECS.	
12.4	Revision of the IMO PS for ECDIS	17/18	<b>IHO MS</b> to inform and support their own governments on the issue of revising the IMO Performance Standards for ECDIS.	
13.1	IEC-IHO MoU	17/19/1	<b>HGMIO Chair</b> (Alexander) to provide the IHB with any comments on the draft IEC-IHO MoU, as contained in Doc. CHRIS17-INF5.	
	IEC-IHO MoU	17/19/2	<b>IHB</b> to finalize the draft IEC-IHO MoU, then circulate it to Member States for comments / approval.	