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IHB File No. S3/8151/CHRIS

20 May 2006

**CHRIS Letter No. 1/2006**

**To:** CHRIS Members

**Subject:** 18<sup>th</sup> Meeting of CHRIS, 25-29 September 2006, Cairns, Australia

**Ref:** IHO Circular Letter 26/2006 dated 30 January 2006

Dear Colleagues,

This letter provides information on the current status of actions arising from the 17<sup>th</sup> CHRIS Meeting (Rostock, Germany, 5-9 September 2005); it further proposes a draft agenda for the 18<sup>th</sup> CHRIS Meeting, 26-29 September 2005, to be held in the Sheridan Plaza Hotel in Cairns, Australia. A CHRIS Chair Group meeting, comprising all chairmen of WGs and sub-WGs will take place on Monday 25 September at the hotel. [Logistical information](#) on the CHRIS meeting is provided on the IHO website ([www.iho.int](http://www.iho.int) > Committees > CHRIS).

1. Actions arising from CHRIS/17 - The status of all actions arising from CHRIS/17 has been summarized in **Annex B**, showing that most of the actions for the IHB have been completed. As you will see, a number of actions are however still pending. Those CHRIS members concerned with the remaining actions are kindly requested to take action as necessary and report on their status to the Chairman / Secretary.
2. Draft Agenda for CHRIS/18 - A provisional agenda for the 18<sup>th</sup> CHRIS Meeting is proposed at **Annex A**. Associated documents have also tentatively been listed. CHRIS Members are kindly requested to review this draft and provide any comments / new agenda items to the Secretary ([mhuet@ihb.mc](mailto:mhuet@ihb.mc)), copy to the Chairman ([robert.ward@hydro.gov.au](mailto:robert.ward@hydro.gov.au)), **before 30 June 2005**.
3. Submission deadline for Documents - Documents intended for consideration at the meeting, e.g. Reports from WG Chairs, proposals for new work programme items etc. should be submitted to the Secretary **by 4 August 2006**, i.e. 7 weeks in advance of the meeting, in accordance with the "*Guidelines for the Submission of Reports and Proposals for Consideration by CHRIS and CHRIS Subsidiary Bodies*" (see [www.iho.int](http://www.iho.int) > Committees > CHRIS). All documents will be placed on the IHO website as and when they are received.

Those Member States, who wish to submit alternative proposals or make substantial amendments to a proposal, or who wish to make comments *in absentia* on documents posted prior to 4 August, should do so **no later than 1 September**, i.e. 3 weeks before the commencement of the meeting, and their submission should contain a maximum of 4 pages. Documents received after 1 September will be treated as information documents only.

4. I intend to break the meeting into smaller groups, if necessary, to progress certain items of work, following initial discussions of the principles in plenary. No discussions will take place in plenary during such a phase.

I am looking forward to seeing you all in Cairns.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Robert Ward', with a stylized flourish at the end.

Captain Robert WARD, RAN  
Chairman of CHRIS

Enclosures: Annexes A and B

**18<sup>th</sup> CHRIS MEETING**  
**Cairns, Australia, 25-29 September 2006**

**DRAFT AGENDA**

**1. Opening and Administrative Arrangements**

*Docs: CHRIS18-1A List of Documents*  
*CHRIS18-1B List of Participants*  
*CHRIS-MEM CHRIS Membership*

**2. Approval of Agenda**

*Docs: CHRIS18-2A Agenda*

**3. Matters arising from Minutes of 17<sup>th</sup> CHRIS Meeting**

*Docs: CHRIS18-3A Minutes of CHRIS-17*  
*CHRIS18-3B Status / Review of Actions List from CHRIS-17*  
*CHRIS18-3C Terms of Reference for CHRIS Committee and related Working Groups*

**4. Decisions of other bodies affecting CHRIS**

**4.1 IHO Strategic Planning WG (SPWG)**

*Docs: CHRIS18-4.1A CHRIS Chairman's Report to SPWG on Implementation of HSSC*

**4.2 WEND Committee**

*Docs: CHRIS18-4.2A Actions from the 10<sup>th</sup> WEND Committee Meeting (IHB)*

**4.3 IHO Seminar 2005 on Spatial Data Infrastructure (SDI)**

*Docs: CHRIS18-4.3A Conclusions of the IHO Seminar 2005 on SDI*

**4.4 IMO**

*Docs: CHRIS18-4.4A Report on IMO activities affecting CHRIS (IHB)*

**4.5 ISO-TC211 (Geographic Information-Geomatics)**

*Docs: CHRIS18-4.5A Report on TC211 activities affecting CHRIS (IHB)*

**4.6 NATO-DGIWG (Digital Geographic Information W.G.)**

*Docs: CHRIS18-4.6A Report on DGIWG activities affecting CHRIS (IHB)*

**4.7 IEC-TC80-WG7 (ECDIS and ECS)**

*Docs: CHRIS18-4.7A Report on WG7 activities affecting CHRIS (USA-NOAA)*

**5. Liaison with Industry**

*Docs: CHRIS18-5A Conclusions of the 2nd ECDIS Stakeholders' Forum (IHB/CIRM?)*

**6. Reports by CHRIS Working Groups**

**6.1 Transfer Standard Maintenance and Application Development (TSMAD)**

*Docs: CHRIS18-6.1A Report of TSMAD (M. Brown, USA-NOAA, Chair)*

**6.2 Colour and Symbol Maintenance (C&SMWG)**

*Docs: CHRIS18-6.2A Report of C&SMWG (M. Jonas, Germany, Chair)*

- 6.3 Data Protection Scheme (DPSWG)  
*Docs: CHRIS18-6.3A Report of DPSWG (R. Sandvik, Norway, Chair)*
- 6.4 Standardization of Nautical Publications (SNPWG)  
*Docs: CHRIS18-6.4A Report of SNPWG (J. Melles, Germany, Chair)*
- 6.5 Chart Standardization and Paper Chart (CSPCWG)  
*Docs: CHRIS18-6.5A Report of CSPCWG (P. Jones, UK, Chair)*
- 7. Marine Information Objects (MIO)**  
*Docs: CHRIS18-7A Report of HGMIO (L. Alexander, USA-UNH, Chair)*
- 8. Work of CHRIS**
- 8.1 CHRIS Input to IHO Work Program 2008-2012  
*Docs: CHRIS18-8.1A IHO Work Plan*
- 8.2 Review of CHRIS Work Plan  
*Docs: CHRIS18-8.2A Consolidated CHRIS Work Plan*
- 8.3 Review of CHRIS Terms of Reference
- 8.4 Printed ENC  
*Docs: CHRIS18-8.4A Progress Report on "Printed ENCs" (USA-NOAA)*
- 8.5 Print-on-Demand  
*Docs: CHRIS18-8.5A Print on Demand Nautical Charts Status (USA-NOAA)*
- 9. Open ECDIS Forum**  
*Docs: CHRIS18-9A Report on OEF Activities (L. Alexander, USA-UNH)*
- 10. Digital Chart Data Availability**
- 10.1 ENC Coverage  
*Docs: CHRIS18-10.1A Worldwide ENC Coverage Catalogue (IHB)*
- 10.2 Inland ECDIS  
*Docs: CHRIS18-10.2A Status Report on Inland ECDIS development (L. Alexander, USA-UNH)*
- 11. Supersession of Chairman of CHRIS**
- 12. Any Other Business**
- 12.1 Review of Information Papers  
*Docs: CHRIS18-INF1 Status of IHO Publications on ECDIS (IHB)*
- 13. Confirmation of Date and Location of Next Meeting**  
*(Rotterdam to coincide with EUROPOORT 2007, November 2007; co-hosted by The Netherlands and UK)*

## LIST OF ACTIONS FROM CHRIS/17 AND STATUS

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	STATUS (May 2006)
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.	In progress.
	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.	In progress.
	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.	In progress.

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 <b>C&amp;SMWG</b> Chair to prepare a paper on the matter, including proposed action, for submission to CHRIS18.	In progress.
	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.	In progress.
	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.	Ongoing.
	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 <b>DPSWG</b> Chair and all <b>DPSWG</b> members, for review and possible action.	In progress.
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.	In progress.
	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 <b>SNPWG</b> WP.	In progress.
	NP3 Presentation	17/8/3	<b>SNPWG Chair</b> (Melles), in liaison with <b>HGMIO</b> 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 <b>SNPWG</b>	17/8/4	<b>CHRIS</b> Members to encourage their representatives in <b>SNPWG</b> 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 ENC's	17/10	<b>USA-NOAA</b> to report progress on “Printed ENC's” to CHRIS18.	
8.	OEF	17/11	<b>IHB</b> to reflect annual support of OEF in IHO budget.	
9.	2 <sup>nd</sup> ECDIS Stakeholders	17/12	<b>IHB</b> to programme the next ECDIS Stakeholders Forum in conjunction with the 10 <sup>th</sup> WEND	Complete. See WEND Letter

	Forum		Committee Meeting.	1/2006.
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.	Complete. See Annex A to CHRIS Letter 1/2006.
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. See 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.	