

**IHO Colours & Symbols Maintenance Working Group (C&SMWG)
15th Meeting, BSH, Rostock, Germany, 2-4 May 2005**

IHB File S3/8151/CHRIS

**CIRCULAR LETTER 22/2005
23 February 2005**

**16th CHRIS MEETING
Ottawa, Canada, 28-31 May 2004**

- Ref: 1) Circular Letter 47/2004, dated 5 July 2004
2) Circular Letter 69/2004, dated 15 October 2004
3) CHRIS Letter 3/2004, dated 15 November 2004
4) Circular Letter 83/2004, dated 7 December 2004
5) CHRIS Letter 4/2004, dated 22 December 2004
6) Circular Letter 05/2005, dated 11 January 2005

Dear Hydrographer,

The final minutes of the 16th CHRIS Meeting held in Ottawa, Canada on 28-31 May 2004, as well as all documents referred to at this meeting, are available on the CHRIS page of the IHO website¹ (www.iho.shom.fr > Committees > CHRIS). The Meeting was chaired by Mr. Ole BERG (Denmark). 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:

Improving ENC Consistency (see Section 5.1 of the Minutes)

The Meeting approved a set of 13 recommendations for ENC encoding, intended for improving consistency between ENCs produced by various HOs and which had been prepared by TSMAD as "advice for good encoding practice", based on papers provided by IC-ENC. These recommendations relate in particular to the setting of compilation scales, the use of the SCAMIN attribute and the assignment of navigational purposes. They were circulated to MS in CL 47/2004. They have also been posted as separate ENC Encoding Bulletins on the IHO website (see www.iho.shom.fr > ENC > ENC Bulletin).

Revision of IHO Publication S-52 (see Section 5.2 of the Minutes)

With a view to focusing S-52 on the display aspects of hydrographic information contained in an ENC data set and to referring to the other relevant references for information outside this focus, the Meeting recommended that S-52 be revised by:

- Removing all information already covered by the IMO Performance Standards for ECDIS (IMO PS) or other IHO standards, i.e. S-57, *Transfer Standard*, or that could be transferred to other IHO standards, i.e. S-32, *Hydrographic Dictionary*;
- Removing all information that does not pertain to the display aspects of hydrographic information presented in an ECDIS after this information is hosted by the standard defining operational requirements for ECDIS as navigation devices, i.e. the IMO PS.

¹ Digital and/or paper copies of the final minutes can be provided on request to the IHB (info@ihb.mc).

Amendments to S-52 and the IMO PS were prepared accordingly and, as the precise changes to S-52 and their effective date are dependent on the approval by IMO of the changes to the IMO PS, CL 69/2004 sought MS' approval for a submission to IMO recommending such changes. There was overwhelming support by MS for such a submission, as reported in CL 05/2005. As a result, a proposal for amending the IMO PS was submitted to IMO for consideration by MSC 80 in May 2005. In order to conform to the IMO rule stating that any submission should have the support of at least one IMO MS, Greece was approached and has kindly accepted to join the IHO in this submission. The IHO-Greece proposal to MSC 80 can be consulted on the IHO website (www.iho.shom.fr > Committees > CHRIS > revision of S-52). MS approval of a new edition of S52 will be sought after IMO has acted on the IHO-Greece submission and their actions reflected in the revised IMO PS.

S-57 Edition 4.0 Information Paper (see Section 6.1 of the Minutes)

In order to inform all potential users of S-57 of the direction that Edition 4.0 will take and the implications for producers and users of ENC's, the Meeting tasked the TSMAD Chairman (Mr Michael Brown, USA) with the preparation of an information paper. An S-57 Edition 4.0 Information Paper was consequently produced and made available on the IHO website (www.iho.shom.fr > ENC > Introduction > IHO Special Publication S-57), as reported in CL 83/2004. This paper indicates that, while it is intended to release Edition 4.0 towards the end of 2006 and a new ENC Product Specification approximately one year later, Edition 3.1 and its associated ENC Product Specification will continue to be valid for many years to come, even after Edition 4.0 has been released. Therefore, HO's should continue to produce Edition 3.1 ENC data in order to continue to improve worldwide ENC coverage.

The 2005 ECDIS Stakeholder Forum, to be held in conjunction with the next CHRIS meeting (see last paragraph), should provide an ideal opportunity to discuss these issues and enhance the S-57 Edition 4.0 Information Paper.

Charting of Port Security Limits (see Section 13.2 of the Minutes)

The Meeting considered a request for guidance by Australia on the charting of port security zones and limits (see Doc. CHRIS16-INF4 on www.iho.shom.fr > Committees > CHRIS > List of CHRIS/16 Documents). There is currently no international guidance on the matter; Australia requested that the IHO establish whether the boundaries need to be shown on charts, and if so, when and how they should be inserted and what symbology is to be used. They felt this could have a significant impact on the charting programmes and resources of HO's, particularly for coastal states possessing a large number of ports.

It was agreed that the IHB would seek responses from MS regarding the principle of where administrative borders, such as port security limits, should be included: chart products or nautical publications or both? MS are therefore kindly requested to complete the form at Annex B, and return it to the IHB **by 30 April 2005**. CHRIS will then consider the results of this survey and provide guidance on the matter as appropriate.

Chair and Vice Chair of CHRIS

In October 2004, the HB was informed that Mr Ole BERG (Denmark) would be leaving the Danish Hydrographic Office (KMS) on 1st February 2005 and would have to relinquish the CHRIS Chairmanship by 1st January 2005. The then CHRIS Vice Chair, Captain Robert WARD (Australia), was approached and he indicated that he would be willing and allowed to act as CHRIS Chair. This proposal received unanimous support from the CHRIS Members through CHRIS Letter 3/2004. As a result, Captain WARD took over as CHRIS Chairman on 1st January 2005.

CHRIS Members were subsequently requested to select a new CHRIS Vice Chair among three candidates (CHRIS Letter 4/2004 refers). A majority of the votes² were for Mr Parry OEI (Singapore) who is therefore elected as Vice Chair of CHRIS.

The IHB Directing Committee is very grateful to Mr BERG for his outstanding contribution during his tenure as CHRIS Chair, congratulates the new Chair and Vice Chair of CHRIS, and thanks their respective HOs for making them available for these positions. The IHB is convinced that CHRIS will remain in good hands with Captain WARD in command.

The 17th CHRIS Meeting will take place from 5 to 9 September 2005 at the BSH (German HO), Rostock, Germany. The 2005 ECDIS Stakeholder Forum (formerly, 'Industry Days') has been planned on 5 pm and 6 September, in conjunction with CHRIS/17.

On behalf of the Directing Committee
Yours sincerely,



Rear Admiral Kenneth BARBOR
Director

Encls: - Annex A Action List from the 16th CHRIS Meeting
- Annex B Response Form : Charting of Port Security Limits

²Out of 15 responses received to CHRIS Letter 4/2004, there were 8 votes for Parry OEI, 4 for Antonio Martins PINHEIRO (Portugal) and 3 for Luiz Carlos TORRES (Brazil)

16th CHRIS MEETING
Ottawa, Canada, 28-31 May 2004

LIST OF ACTIONS AND STATUS

ACTION	AGENDA ITEM	SUBJECT	ACTIONS (in bold, action by)	STATUS (21 Feb 05)
1	3	CSPCWG TOR	Chair CSPCWG to monitor the revision of the CSPCWG Terms of Reference, so as to align them with other CHRIS ToRs; to report back to CHRIS/17.	Done. Draft revised TOR agreed by CSPCWG; available on the CSPCWG page of the IHO website.
2	4.1	Definition of "RENC"	Secretary to liaise with the S-32 WG, so as to include the WEND definition of "RENC" in S52 App 3 – Glossary of ECDIS Related Terms.	Done.
3	5	CHRIS Work Plan	.1 New Zealand and Canada to provide the Secretary with a worked example and clarification of the use of the templates. .2 Secretary to forward the revised templates and process diagram for change proposals to CHRIS Members for adoption.	Ongoing.
4	5.1	ENC Consistency	IHB to forward to IHO MS by CL the recommendations to improve ENC consistency, copy to ICCL and CIRM; to also post them on the IHO website.	Done. See CL 47/2004.
5	5.2	S-52 Package	.1 Chair C&SMWG to draft a letter to inform IMO about IHO's intended revision of the S-52 package, to be considered within the planned revision of ECDIS Performance Standards. .2 IHB to circulate the revised S52 main document to IMO, copy to IEC and CIRM, along with the accompanying letter referred to in the above item .1, for comments and confirmation that expurgated "operational" items will be incorporated in relevant non-IHO documents. .3 IHB to prepare a revised version of the S-52 main document, from the comments received from IMO, IEC and/or CIRM, for consideration and approval by CHRIS/17.	Done. Done. See CLs 69/2004 and 5/2005. Can be done only after IMO has acted on the IHO -Greece submission and their actions reflected in the revised IMO PS. Ongoing.

5. contd.			<p>4 Secretary to coordinate completion of reconciliation between Hydrographic Dictionary (S-32) and Glossary of ECDIS-related Terms (S-52 App.3) by correspondence; then to handover to S-32 WG for ongoing maintenance.</p>	
6	5.3	Printed ENC's	<p>USA (NOAA) to continue with current investigations on the "Printed ENC's" concept, with an intention of reporting to CHRIS/17.</p>	Ongoing.
7	6.1	TSMAD Activities	<p>.1 Chair TSMAD to incorporate proposed minor changes, as in Doc. CHRIS16-6.1A, to current TSMAD work programme timetable.</p> <p>.2 Chair TSMAD, in consultation with CIRM, to monitor the preparation of an "options paper" identifying in plain language the proposed changes, options and potential impact of future revisions to S-57 ENC Product Specification (PS); this paper to also canvass options for the short term remediation of shortcomings in S-57 e3.1 ENC PS. To be submitted to CHRIS chair group by 1 October 2004.</p> <p>.3 After endorsement by the CHRIS Chair Group on behalf of CHRIS, the "options paper" to be widely circulated by the Secretary to include all possible industry bodies seeking opinion and input from interested non-IHO parties by 1 March 2005.</p> <p>.4 Taking into consideration any responses, Chair TSMAD to monitor the development of an S-57 e3.1 ENC PS to S-57 e4.0 ENC PS roadmap for consideration by CHRIS/17.</p> <p>.5 Chair TSMAD to incorporate a new Work Item 2.10 "<i>Liaison with Non-IHO Constituents</i>" to the TSMAD work programme.</p> <p>.6 Chair TSMAD to expand the scope of TSMAD Work Item 2.9 "<i>Paper Chart Product Specification</i>" to include development of Print on Demand (PoD) file transfer guidelines, with target completion date of September 2005; to be a "medium priority" (M); to amend the TSMAD Work Programme accordingly.</p>	<p>Done. See revised CHRIS Work Plan on the CHRIS page of the IHO website. Done. See CL 83/2004.</p> <p>Ongoing.</p> <p>Ongoing.</p> <p>Done. See revised CHRIS Work Plan on the CHRIS page of the IHO website. Done. See revised CHRIS Work Plan on the CHRIS page of the IHO website.</p>

8	6.2	<i>C&SMWG Activities</i>	<p>.1 Chair C&SMWG to draft a letter informing all subscribers to the IHO Presentation Library (PresLib) for ECDIS, IMO, IEC/TC80 and other interested authorities of the new PresLib e3.3 and the changes resulting thereof; IHB to issue this letter.</p> <p>.2 Chair C&SMWG to liaise with ISO/TC211 to seek ways and indicative costs to align S-52 with the ISO standard 19117.</p> <p>.3 Chair C&SMWG to prepare a paper raising business case and proposal for IHO funding of C&S work as required, with target date of 1st October 04; IHB to then circulate this paper to MS by CL; could possibly be considered at the 3rd Extraordinary IHC (April 2005).</p>	<p>Done, by IHB Letter S3/8151/CSMWG of 28 June 2004.</p> <p>Ongoing.</p> <p>Ongoing.</p>
9	6.3	DPSWG Activities	Chair DPSWG to provide revised ToRs for DPSWG, reflecting progress made, for consideration at CHRIS/17.	Ongoing.
10	6.5	CSPCWG Activities	Chair CSPCWG to amend the CSPCWG Work Programme by expanding CSPCWG scope to collate national criteria for issuing chart -updating Notices to Mariners.	Done. See revised CHRIS Work Plan on the CHRIS page of the IHO website.
11	7	Liaison with Industry	Germany , as host of CHRIS/17, to devote a day in the middle of the meeting timetable to an "Industry Day" forum; this day will NOT be part of CHRIS/17.	Ongoing.
12	8.2	ENC Coverage Catalogue	.1 IHB to investigate upgrading IHO website by displaying actual ENC data coverage to enable an enhanced ENC catalogue. .2 IHB to make ENC catalogue information available for third party use wherever cost impacts are minimal.	Ongoing. Done.
13	11	Open ECDIS Forum	OEF Board of Advisors to seek formal funding arrangements from IHB/IHO.	Done. \$10K provided from the 2005 IHO budget.
14	13.2	Port Security Limits	IHB to seek and coordinate responses from M/S regarding the principle of where administrative borders such as port security limits should be included: chart products or nautical publications or both?	Done. See CL 22/2005.

CHARTING OF PORT SECURITY LIMITS

Response Form
(to be returned to the IHB by **30 April 2005**
E-mail: info@ihb.mc - Fax: +377 93 10 81 40)

Member State Germany

1. Taking into consideration Australia's request for guidance on charting of port security limits, as reported in [Doc. CHRIS16-INF4](#), are you of the opinion that such administrative borders should be:

a. shown on nautical charts?

YES

NO

Comments : .

b. described in relevant nautical publications?

YES

NO

Comments:

Name:

E-mail :

Signature :

Date :