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IHB File No. S3/8151/CHRIS

2 March 2004

CHRIS Letter No. 2/2004

To: CHRIS Members

Subject: 16th Meeting of CHRIS, Ottawa, Canada, 28-31 May 2004

Ref: 1) IHB Circular Letter 58/2003, dated 4 September 2003
2) IHB Circular Letter 68/2002, dated 10 November 2003

Dear Colleagues,

This letter provides information on the current status of actions arising from the 15th CHRIS Meeting (IHB, Monaco, 10-13 June 2003) and proposes a draft agenda for the 16th CHRIS Meeting to be held at the Canadian Hydrographic Service, Ottawa, on 28-31 May 2004. Practical information on the meeting is also provided in **Annex C**.

1. Actions arising from CHRIS/15 – The status of all actions arising from CHRIS/15, as known to the Secretary, is shown at **Annex B**. Most of the actions for the IHB have been completed. 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. Your attention is particularly drawn to the following items:
 - Action 3.2 – Development of templates for progress reports and change notes (CHS)
 - Action 5.1 - Improving ENC consistency (TSMAD / C&SMWG)
 - Action 10.3 – Restructuring the S-52 package, to reduce its scope and volume (Germany)
2. Draft Agenda for CHRIS-16 – A provisional agenda for the 16th 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 (mbuet@ihb.mc), copy to the Chairman (olb@kms.dk), **before 7 April 2004**, i.e. 7 weeks in advance of the meeting.
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 the same date**, in accordance with the “**Instructions for submission of proposals to CHRIS and CHRIS subsidiary bodies**” adopted at CHRIS/15 (see Minutes of CHRIS/15, Annex G). 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 7 April, should do so no later than 6 May, i.e. 3 weeks before the commencement of the meeting, and their submission should contain a maximum of 4 pages. Documents received after 6 May will be treated as information documents only.

4. I intend to break the meeting into smaller groups in the same way as during CHRIS/15 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 thank Canada for offering to host the meeting immediately after the Canadian Hydrographic Conference, and I urge all of you to take advantage of the possibility to participate in the Conference. See www.chc2004.com for details.

I am looking forward to seeing you all in Ottawa.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Ole Berg". The signature is fluid and cursive, with a long, sweeping tail on the letter "g".

Ole Berg
Chairman of CHRIS

Enclosures: Annexes A to C

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

DRAFT AGENDA

- 1. Opening and Administrative Arrangements**
Docs: CHRIS16-1A List of Documents
CHRIS16-1B List of participants
CHRISWG-MEM Membership of CHRIS related WGs
CHRIS-MEM CHRIS Membership
- 2. Approval of Agenda**
Docs: CHRIS16-2A Agenda
- 3. Matters arising from Minutes of 15th CHRIS Meeting**
Docs: CHRIS16-3A Minutes of CHRIS-15
CHRIS16-3B Status of Actions List from CHRIS-15
CHRIS16-3C Terms of Reference for CHRIS Committee and related Working Groups
- 4. Decisions of other IHO bodies affecting CHRIS**
 - 4.1 WEND Committee
Docs: CHRIS16-4.1A Report and Decisions of the 8th WEND Committee Meeting (IHB)
 - 4.2 SPWG
Docs: CHRIS16-4.2A Issues arising from the SPWG Tokyo Meeting, March 2004, affecting CHRIS (IHB)
- 5. Work of CHRIS**
Docs: CHRIS16-5A Consolidated CHRIS Work Plan
CHRIS16-5B Templates for progress reports and change notes(M. Poulin, Canada)
 - 5.1 ENC Consistency
Docs: CHRIS16-5.1A Improving ENC Consistency (TSMAD & CSMWG)
 - 5.2 Re-structuring the S-52 Package
Docs: CHRIS16-5.2A Report by the CHRIS ad hoc WG on S-52, on reviewing S-52 and its 3 appendices to reduce its scope and volume (M. Jonas, Germany)
- 6. Reports by CHRIS Working Groups**
 - 6.1 Transfer Standard Maintenance and Application Development (TSMAD)
Docs: CHRIS16-6.1A Report of TSMAD (M. Brown, USA-NOAA, Chair)
 - 6.2 Colour and Symbol Maintenance (C&SMWG)
Docs: CHRIS16-6.2A Report of C&SMWG (M. Jonas, Germany, Chair)
 - 6.3 Data Protection Scheme (DPSWG)
Docs: CHRIS16-6.3A Report of DPSWG (R. Sandvik, Norway-ECC, Chair)
 - 6.4 Standardization of Nautical Publications (SNPWG)
Docs: CHRIS16-6.4A Report of SNPWG (J. Melles, Germany, Chair)
 - 6.5 Chart Standardization and Paper Chart (CSPCWG)
Docs: CHRIS16-6.5A Report of CSPCWG (P. Jones, UK, Chair)

- 7. Liaison with Industry**
Docs: CHRIS16-7A Report of 2003 Industry Workshop and Stakeholder Organizations (IHB)
- 8. Vector Data Development**
- 8.1 RENCs
Docs: CHRIS16-8.1A PRIMAR-Stavanger Status Report
CHRIS16-8.1B IC-ENC Status Report
CHRIS16-8.1C MBS Virtual RENC Status Report (Italy)
- 8.2 ENC Development and Coverage
Docs: CHRIS16-8.2A Status Report on ENC Coverage (IHB)
CHRIS16-8.2B Compendium of National Reports on ENC Development (IHB)
- 8.3 DNC Development
Docs: CHRIS16-8.3A Report on DNC Development (USA-NIMA)
- 8.4 Inland ECDIS
Docs: CHRIS16-8.4A Status Report on Inland ECDIS development and Standardization (L. Alexander, USA-UNH)
- 9. Raster Data Development**
- 9.1 RCDS Mode of ECDIS
Docs: CHRIS16-9.1A Australian proposal, submitted to MSC/78, to consider permitting ships to use the RCDS mode of ECDIS, without the requirement to carry paper charts
- 10. Marine Information Objects (MIO)**
Docs: CHRIS16-10A Report of HGMIO (by L. Alexander, USA-UNH, Chair)
- 11. Open ECDIS Forum**
Docs: CHRIS16-11A Report on OEF Activities (L. Alexander, USA-UNH)
- 12. Liaison with other Groups**
- 12.1 ISO-TC211 (Geographic Information-Geomatics)
Docs: CHRIS16-12.1A Report on TC211 Activities affecting CHRIS (IHB)
- 13. Any Other Business**
- 14. Date and Location of Next Meeting.**

ACTION LIST FROM CHRIS/15

ACTION	AGENDA ITEM	SUBJECT	ACTION(S)	STATUS
1	3 & 15	Compilation Scales for Electronic Chart data bases	Canada to take the proposal to the next US-Canada Hydrographic Commission meeting for investigation and provide a recommendation at a future date. In this exercise, consideration will be given to the ENC consistency principles (Doc. CHRIS15-5.2A) and the outcomes of the October 2003 TSMAD Meeting (follow up from CHRIS14, Agenda Item 4).	TBD
2	4.2 & 8	IHO/Stakeholder Liaison Mechanisms	CHRIS Chair to forward the document "A CHRIS proposal/discussion document on liaison mechanisms and guidelines for accredited organisations" (developed by CHRIS15) for consideration and further development by SPWG and to present it to the 2003 IHO Partnership Days.	Done (CHRIS Letter 3/2003)
3	5	CHRIS Work Plan	.1 Chair of CHRIS and Chairs of WGs to compile a CHRIS Work Plan using the approved templates (<i>CHRIS Work Plan - Version 1.2</i>), for inclusion with the minutes of the meeting. .2 Canada to develop templates for a "progress report" and "change note" and develop the accompanying flow chart to reflect the adopted text.	.1 Done (CL 58/2003) .2 TBD
4	5.1	Printed ENCs	USA to 1) poll industry on this matter; 2) provide the best sample of what can be produced; and 3) invite industry to describe what may be needed (in addition to current ENC Product Spec) to support the concept, then submit a more mature proposal for consideration by CHRIS at or before CHRIS/16.	In progress
5	5.2	ENC Consistency	.1 TSMAD and C&SMWG to review the recommendations contained in Doc. CHRIS15-5.2A and formulate and adopt appropriate instructions to enable them to be implemented (see details in Section 5.2 of CHRIS/15 Minutes). .2 IHB to then 1) make those instructions available on the IHO Encoding Bulletin web page; and 2) draw attention of IHO Member States to their existence and importance by CL.	.1 In progress .2 TBD
6	5.3	Harmonizing ENC/5-57 and DNC/DIGEST	TSMAD to continue the liaison and monitoring of IHO/DGIWG harmonization as part of S57 e4.0 development activities.	Ongoing

7	5.4	Depiction of ESSA, PSSA and ATBA	<p>.1 CSPCWG (in consultation with TSMAD and C&SMWG) to review the work already undertaken by the former CSC with the aim of providing a depiction of ESSAs, PSSAs and ATBAs on paper charts that can be consistent with ENC and ECDIS. Then:</p> <p>.2 C&SMWG (in consultation with CSPCWG and TSMAD) to consider the requirements for consistent ECDIS symbology and propose appropriate solutions.</p> <p>.3 TSMAD (in consultation with CSPCWG and C&SMWG) to determine the requirements for S-57 to encode ESSAs and PSSAs and propose appropriate solutions.</p>	<p>.1 In progress</p> <p>.2 In progress</p> <p>.3 In progress</p>
8	5.6	<i>New International Chart Symbols</i>	CSPCWG (in consultation with C&SMWG and TSMAD) to develop symbology that can be consistent with ENC and ECDIS, to depict offshore wind farms, and ATBAs where activities are “not advisable”, based on the proposal contained in Doc. CHRIS15-5.6A.	In progress
9	6.1	TSMAD Work Plan, S-57 Status, and TSMAD Chair	<p>.1 IHB to issue a CL seeking MS’ views on agreeing a date beyond which ENCs conforming to the S-57 Edition 3.0 ENC Product Specification will no longer be produced or used. The CL will reiterate the status of S-57 e3.0, e3.1 and e4.0.</p> <p>.2 TSMAD to include in its Work Plan a new Work Item 2.9: <i>Edition 4.0 - Paper Chart Production</i>, with “medium” priority (M).</p> <p>.3 IHB to issue a CL to inform MS of the delayed introduction of S-57 e4.0 and that this will impact on the approved IHO Work Programme.</p> <p>.4 TSMAD to take note that Work Item 2.7 <i>Bathymetric/Hydrographic Data Content Specification</i> should concentrate on defining the hydrographic survey content and a supporting content model.</p> <p>.5 IHB, when forwarding CHRIS15 Minutes to MS, to announce the selection of Mr Mike Brown (USA) as the Chair-elect of TSMAD and to thank Dr Christopher, as outgoing Chair, for his contribution to the development of electronic charting and associated data standards over at least the last 14 years.</p>	<p>.1 Done (CL 40/2003)</p> <p>.2 Done (CL 58/2003)</p> <p>.3 Done (CL 42/2003)</p> <p>.4 Done</p> <p>.5 Done (CL 58/2003)</p>

10	6.2	New editions of the C&S Specs. and PL, Review of S-52, and C&SMWG Work Plan	<p>.1 IHB to inform MS by CL of the proposed C&S changes, i.e. the planned publication (October 2003) of Ed. 4.2 of S-52 App.2 and Ed. 3.3 of the IHO PL.</p> <p>.2 IHB to inform IMO of the changes to the supporting IHO standards to the IMO Performance Standards for ECDIS (footnote reference).</p> <p>.3 CHRIS ad hoc WG (C. Andreasen, H. Hecht, M. Jonas, C. Drinkwater, M. Poulin, and L. Alexander) to review S-52, i.e. the main part, App.1, App.2 and App.3, to reduce its scope and volume, particularly by removing “operational” aspects for updating and by transferring the glossary on ECDIS related terms (App.3) into the Hydrographic Dictionary (S-32). USA (NIMA) and C&SMWG to review specifically App.1 and App.2, respectively.</p> <p>.4 C&SMWG to include a new Work Item in its Work Plan to align the presentation library with ISO/TC211 Standard 19117 “Portrayal”, with “medium” priority (M).</p>	<p>.1 Done (CL 58/2003)</p> <p>.2 Done</p> <p>.3 In progress</p> <p>.4 TBD</p>
11	6.3	IHO Security Scheme and DPSAG Status	<p>.1 IHB to inform MS by CL that v1 of the IHO security scheme will be frozen for two years.</p> <p>.2 IHB, when forwarding CHRIS15 Minutes to MS, to announce that TAWG has been disbanded and that the Data Protection Scheme Advisory Group has been relocated as a WG reporting directly to CHRIS (the Data Protection Scheme Working Group- DPSWG), with revised TOR.</p>	<p>.1 Done (CL 58/2003)</p> <p>.2 Done (CL 58/2003)</p>
12	6.4	SNPWG’s TOR	IHB , when forwarding CHRIS15 Minutes to MS, to inform them of the amendment in the SNPWG TOR and to encourage MS’ participation in SNPWG.	Done (CL 58/2003)
13	6.5	Standard for INT NtM	CSPCWG to include a new Work Item in its Work Plan to review the requirement for the standardisation of International Notices to Mariners, with a “medium” priority (M).	Done (CL 58/2003)
14	15	Legal Status of Electronic Charts	IHB to produce French and Spanish versions of Doc. CHRIS15-15.1A (as edited by CHRIS and TSMAD Chairs at CHRIS15) and to publish it on the IHO website in English, Spanish and French for public reference.	Done (see ECDIS page on website)

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

PRACTICAL INFORMATION
(by Michel Poulin, CHS)

Facilities: **Westin Hotel**, 55 Colonel By Drive, Ottawa

- One large meeting room for 45 persons + 2 breakouts 15 for persons each.

Logistics Highlights:

1. The meetings will start each day at 0830 and finish at 1700 (To be confirmed by the chair)
2. There will be a hot buffet lunch served on Friday, May 28 from 1200 – 1330. The following days you will be able to do as you wish from 1200 – 1300. (Lunch hours to be confirmed by the chair)
3. On the evening of Friday, May 28 there will be a reception from 1800 to 2000 at The Rooftop Terrace. Tentatively some of the people from the Canadian Nautical Research Society (CNRS) will be able to join us.
4. The meeting will end on May 31st at a time to be determined by the chair.

Others:

- Once finalized by the chair, the CHRIS program will be advertised through the CHC 2004 web site.
- Number of participants will have to be confirmed to the CHS office in Ottawa at least 2 weeks in advance in order to adjust the buffet and cocktail catering.
- CHRIS/16 logistics will be coordinated through Ms Shirley Miner of the CHS Office in Ottawa. Any questions can be addressed to Shirley or Michel Poulin, Director National Cartographic Operations CHS.