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IHB File No. S3/8151/CHRIS

6 March 2003

CHRIS Letter No. 1/2003

To: CHRIS Members (see Annex A)

Subject: CHRIS - STATUS REPORT AND DRAFT AGENDA FOR CHRIS 15.

Ref:

- 1) IHB Circular Letter 44/2002, dated 1st October 2002
- 2) IHB Circular Letter 51/2002, dated 31 October 2002
- 3) CHRIS Letter 9/2002, dated 8 November 2002
- 4) IHB Circular Letter 54/2002, dated 18 November 2002
- 5) IHB Circular Letter 66/2002, dated 20 December 2002
- 6) IHB Circular Letter 18/2002, dated 27 February 2002

Dear Sir or Madam,

This letter provides information on the current status of various CHRIS-related issues and proposes a draft agenda for the next, 15th CHRIS Meeting to be held at the IHB on 10-13 June 2003.

1. CHRIS Vice-Chair – CHRIS Letter 9/2002 asked for nominations for the position of Vice-Chair of CHRIS. Whereas there were no volunteering candidates, the name of Cdr **Robert Ward**, Australia, was proposed by several CHRIS members. I am most pleased to report that Robert Ward has received the necessary support from his hierarchy and has therefore kindly accepted to take the position of CHRIS Vice-Chair. On this occasion, CHRIS Membership was also confirmed and the result is at **Annex A**.
2. CSPCWG – Circular Letter 51/2002 asked for candidates to fill the positions of Chair, Vice-Chair and Secretary of the newly formed Chart Standardization and Paper Chart Working Group, which has replaced the former IHO Chart Standardization Committee (CSC). Member States were also asked to confirm their participation in this WG. The resulting membership of CSPCWG is shown in the table at **Annex B**. I am pleased to report that CSPCWG Officers' positions have been filled as follows:
 - Chair: Mr. **Peter Jones**, UK
 - Vice-Chair: Mr. **Jarmo Makinen**, Finland
 - Secretary: Mrs. **Christine Walton**, UK

The new Chair of CSPCWG is kindly requested to organise and commence work, based on the Terms of Reference for the WG (see Annex A to CL 51/2002), the CSPCWG Report to CHRIS-14 (Doc. CHRIS-14-7.5A Rev.1, available from the CHRIS section of the IHO website www.iho.shom.fr/general/ecdis/ecdisnew1.html), and the IHO Work Programme (see CL 41/2002).

As a result, the table showing the membership of CHRIS-related WGs has been updated and is at **Annex C**. Please report to the Secretary (pac@ihb.mc) any changes to this table.

3. **IHO Website** - A CHRIS sub-working group was formed at the 14th CHRIS meeting in Shanghai tasked with improving CHRIS communication to its members. This working group lead by New Zealand determined at that meeting that the IHO web site should become a principle method of providing CHRIS information to its members. The recommendation was accepted by the meeting. The sub-working group was then tasked with an evaluation of the IHO web site to determine how this could be better utilised to improve CHRIS communication to its members.

The work of this sub WG has resulted in the production of the following three documents (available from the CHRIS section of the IHO website), that describe how the IHO website should be reorganised and developed to provide improved communication, not just for CHRIS but for all IHO committees and working groups:

- **Review principles** - Principles used for the review of the website.
- **Publishing Guidelines** - Website best practice and proposed templates.
- **Web Site mock up** - A mock up of what the new site would look like.

The above documents have been used as a basis by the IHB in re-designing the IHO website. This is acknowledged in CL 18/2003 where it is said: *‘Although these documents only became available after work on the new website had commenced, they have been used as guidance documents and will continue to provide the framework for further development. The IHB is thankful for the excellent work done by the CHRIS advisory group’.*

On behalf of CHRIS I wish to thank the sub-working group, and in particular its Chair, Mr **Michael Farrell**, New Zealand, for the efforts in producing the proposal for improvements of the IHO website and a job very well done.

4. **Changes to IHO Standards** – CL 54/2002 requested Member States to approve that the ‘Principles and a Set of Procedures for making Changes to IHO Standards’, as agreed by CHRIS, be made a new IHO Technical Resolution (TR A1.20). Although a large majority of the respondents supported the proposal, i.e. 25 out of 28 replies (see interim summary of responses at **Annex D**), this is not enough for this proposal to be adopted, according to Article VI, Paragraph 6 of the IHO Convention which requires a simple majority of the total number of Member States, i.e. 36 positive votes are necessary. As a result, those CHRIS Members whose HO’s have not yet replied to Annex C to CL 54/2002, are urged to act accordingly.
5. **ENC Security Scheme** – Member States were requested via CL 44/2002 to approve Version 1 of the IHO Security Scheme for ENC, based on the Primar scheme, to agree that the role of Security Scheme Administrator be transferred to the IHB, and to support that the development of Version 2 of the IHO Security Scheme be initiated as soon as feasible. All three proposals were approved, as reflected in CL 66/2002, and are being implemented through a meeting of the Data Protection Scheme Advisory Group (DPSAG), on 13-14 March 2003, and a training session for IHB personnel, scheduled on 23-25 April, both at the IHB, Monaco.
6. **Actions arising from CHRIS-14** – The status of all actions arising from CHRIS-14, as known to the Secretary, is shown at **Annex E**. Most of the actions on 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 Chair/Secretary.

7. Draft Agenda for CHRIS-15 – A provisional agenda for the 15th CHRIS Meeting is proposed at **Annex F**.
8. Submission deadline for Documents - Documents intended for consideration at the meeting, i.e. Reports from WGs' Chairs and any new items should be submitted to the Secretary before 10 May, i.e. one month in advance of the meeting. All documents will be placed on the IHO website as and when they are received. Documents arriving after this deadline will be treated as information documents only.
9. I intend to break the meeting into smaller groups in the same way as during CHRIS 14 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. Currently, I can foresee at least two items which might require such treatment. One relates to the work of CHRIS and the formulation of guidelines concerning the submission of proposals to CHRIS and guidelines on setting work program priorities. The other relates to liaison with industry, where we might have an opportunity to provide input into SPWG.
10. I have included an extra day in the time available to us for this purpose.

I am looking forward to seeing you all in Monaco.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Ole Berg', written in a cursive style.

Ole Berg
Chairman of CHRIS

Enclosures: 6 annexes

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(February 2003)

Member States	Name	Email
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Chile	LtCdr. Juan CUNEO	jcuneo@shoa.cl
China	Mr. ZHENG Hepping	tjhjihzx@public.bta.net.cn
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RTCM	Mr. Fred GANJON	Fganjon@erols.com

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(February 2003)

Member States	Name	Email
Australia	Mr. Chris ROBERTS	Chris.Roberts@defence.gov.au
Brazil	Cdr. Luiz Antonio FELIX	32@chm.mar.mil.br
Canada	Mr. Mike CASEY	CaseyM@dfo-mpo.gc.ca
Chile	LtCdr. Juan CUNEO	jcuneo@shoa.cl
Columbia	Mr. Jesus Josue DIAZ PRIETO	jjdiazp@yahoo.com
Croatia	Mr. Radovan SOLARIĆ	Radovan.solaric@hhi.hr
Cuba	Cdr. Rolando FEITÓ SARDUY	geocuba@teleda.get.tur.cu
Denmark	Ms. Hanne BERG	hnb@kms.dk
Finland	Mr. Jarmo MAKINEN (Vice-Chair)	Jarmo.makinen@fma.fi
France	Ing. en chef Jean-Louis BOUET-LEBOEUF	bouet@shom.fr
Germany	Mr. Peter HANNKEN	Peter.Hannken@bsh.d400.de
Greece	Ms. Leda STAMOU	dcd@hns.gr
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USA (NIMA)	RAdm Christian ANDREASEN	AndreasenC@nima.mil
USA (NOAA)	Mr. Robert HEELEY	robert.heeley@noaa.gov

IHB	Name	Email
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Annex C to CHRIS Letter 1/2003

MEMBERSHIP OF CHRIS RELATED WORKING GROUPS (Feb. 2003)

*** = Chair ** = Vice-Chair * = Secretary

Member States	Name	TAWG	C&SMWG	TSMAD	DQWG	SNPWG	CSPCWG	HGMIO	Email
Argentina	Capt. R. ECUSQUIZA					x			dhidro@hidro.gov.ar
Australia	Cdr. Robert E. WARD Mr. Chris ROBERTS	x	x	x	x		x		robert_ward@hydro.gov.au Chris.Roberts@defence.gov.au
Belgium	Mr. Marc ROESBEKE			x					Marc.Roesbeke@lin.vlaanderen.be
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Canada	Mr. Mike EATON Mr. Steve GRANT Mr. Mike CASEY Mr. Don VACHON Mr. Brent BEALE Mr. Doug BRUNT	x***	x x x	x	x		x	x	mike.eaton@ns.sympatico.ca enci@ns.sympatico.ca CaseyM@dfo-mpo.gc.ca VachonDon@dfo-mpo.gc.ca BealeB@dfo-mpo.gc.ca brunt@dfo-mpo.gc.ca
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Cuba	Lt. Cdr. I. SOSA Chango Cdr. Rolando FEITÓ SARDUY					x	x		geocuba@geocuba.get.cma.net geocuba@teleda.get.tur.cu
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Member States	Name	TAWG	C&SMWG	TSMAD	DQWG	SNPWG	CSPCWG	HGMIO	Email
France	Ing. en chef Jean-Luc DENIEL Ing. Olivier PARVILLERS Mr. Guy UGUEN Ing. en chef Jean-Louis BOUET-LEBOEUF Mr. Pol LE BIHAN Mr. Christian JEGO			x x	x		x		deniel@shom.fr parville@shom.fr uguen@shom.fr bouet@shom.fr lebihan@shom.fr jego@shom.fr
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ACRONYMS

CHRIS	=	Committee on Hydrographic Requirements for Information Systems
CSPCWG	=	Chart Standardization and Paper Chart Working Group
C&SMWG	=	Colours & Symbols Maintenance Working Group
DQWG	=	Data Quality Working Group
FRV	=	Farvandsvæsenet (Denmark)
IC-ENC	=	International Centre for ENC
KMS	=	Kort & Matrikelstyrelsen (Denmark)
MIO	=	Marine Information Objects
NHS	=	Norwegian Hydrographic Service
NIMA	=	National Imagery and Mapping Agency (USA)
NOAA	=	National Oceanic and Atmospheric Administration (USA)
OEF	=	Open ECDIS Forum
PRIMAR	=	European ENC Coordinating Centre
SNPWG	=	Standardization of Nautical Publications Working Group
TAWG	=	Technology Assessment Working Group
TSMAD	=	Transfer Standard Maintenance and Applications Development Working Group
USCG	=	United States Coast Guard (USA)

Interim Summary of Responses to CL 54/2002 (Annex C)
(Changes to IHO Standards)

Member States	Do You agree that “Principles and a set of Procedures for making Changes to IHO Standards”, as contained in Annex B to IHB CL 54/2002, be made a new IHO Technical Resolution (TR A1.20)?
Argentina	Yes
Australia	Yes
Bahrain	Yes
Brazil	Yes
Canada	Yes
Chile	Yes
Denmark	Yes
Estonia	Yes
Finland	Yes
France	No
Germany	Yes
Greece	Yes
Iceland	Yes
India	Yes
Italy	Yes
Japan	Abstain
Korea, Rep. of	Yes
Kuwait	Yes
Mozambique	Yes
Netherlands	No
Norway	Yes
Portugal	Yes
South Africa	Yes
Spain	Yes
Tunisia	Yes
Turkey	Yes
UK	Yes
USA (NOAA)	Yes

ACTIONS LIST FROM CHRIS-14

ITEM	SUBJECT	ACTION(S)	STATUS (Feb. 2003)
2.	CHRIS Vice-Chair	<ul style="list-style-type: none"> • IHB Directing Committee to decide its position on Vice-Chair. 	<ul style="list-style-type: none"> • Completed. See CHRIS Letter 9/2002. Robert Ward (Aus) Vice-Chair.
3.	CHRIS-13 Action List	<ul style="list-style-type: none"> • IHB to take appropriate measures for completion of all remaining actions from CHRIS-13. 	<ul style="list-style-type: none"> • Completed. See CL 54/2002 (Ann. B & C).
4.	Compilation Scales for Electronic Chart data bases	<ul style="list-style-type: none"> • Canada to take the proposal to the US-Canada Hydrographic Commission for investigation and provide a recommendation at a future date. 	<ul style="list-style-type: none"> • In progress.
4.	Enhancement of the use of data at small scales	<ul style="list-style-type: none"> • USA (NIMA) to discuss the matter further with those MS expressing concerns and resubmit an amended proposal. It will then be forwarded, either to CHRIS Members to gain CHRIS support before submission to MS, or directly to MS (USA to indicate desired course of action). 	<ul style="list-style-type: none"> • In progress.
5.	Future Work Programme of CHRIS	<ul style="list-style-type: none"> • TAWG Chair to set up a new sub-group on "Opportunities and Requirements". • IHB/Chair of CHRIS to provide SPWG with the outcomes of the three ad hoc sub-groups set up at CHRIS-14 on 'review TOR of CHRIS', 'Co-operation with Industry', and 'Communication Practices'. • IHB to formalize the setting up of a CHRIS advisory group to provide concrete recommendations on improving the IHO website. 	<ul style="list-style-type: none"> • In progress. • Completed. See CHRIS Letter 8/2002. • Completed. See CL 54/2002.
6.	Chart Carriage Regulations and ECDIS	<ul style="list-style-type: none"> • IHB to contact MS to gain information on the status of ECDIS regulations and implementation, and post the information on the IHO Website. • IHB to contact the IMO secretariat to investigate if the IMO would consider to post this kind of information on the IMO website. 	<ul style="list-style-type: none"> • Completed. See CL 54/2002 (Annex E). • To be done.
7.1	TSMAD Work Items	<ul style="list-style-type: none"> • CHRIS Members to send their comments on TSMAD Work Items to the Chair of TSMAD (Chris.Drinkwater@ukho.gov.uk). 	<ul style="list-style-type: none"> • In progress.
7.2	Revision of the IMO PS for ECDIS	<ul style="list-style-type: none"> • IHB to finalize the 'C&SMWG Letter to IMO' on amending the IMO Performance Standards for ECDIS, as in CHRIS-14-7.2B, and to send it to the IMO/MSC Sub-Committee on Navigation (NAV). 	<ul style="list-style-type: none"> • Deferred. IMO deadline passed. To be re-discussed by C&SMWG.
7.2	Funding of C&SMWG Work	<ul style="list-style-type: none"> • C&SMWG Chair to provide the IHB with more specifics to support funding request. • IHB to consider whether the C&SMWG request for funding can be accommodated within the IHB consultancy budget. 	<ul style="list-style-type: none"> • Ongoing. Done on a case by case basis. • Ongoing. Done on a case by case basis.
7.2	Liability for IHO Standards	<ul style="list-style-type: none"> • IHB to send Australia's paper (CHRIS-14-7.2E) and position of LAC to MS by CL, for information and consideration. 	<ul style="list-style-type: none"> • Completed. See CL 54/2002 (Annex F).

7.3	Print on Demand & E-commerce	<ul style="list-style-type: none"> • TAWG Chair to arrange posting published papers on POD and Ecommerce, on the TAWG area of the OEF. • TAWG POD interest group to investigate the possibility of setting IHO Standards on POD printing process and digital formats for exchange of POD files. • TAWG e-com interest group to investigate the possibility of setting IHO Standards on E-Commerce. 	<ul style="list-style-type: none"> • In progress. • In progress. • In progress.
7.4	SNPWG	<ul style="list-style-type: none"> • IHB to poll MS on the status on the production of NP-2 digital publications. • IHB to provide Germany (J. Melles) with SNPWG Membership. • New Chair of SNPWG to initiate WG work according to agreed TOR. 	<ul style="list-style-type: none"> • Completed. See CL 54/2002 (Annex G). • Completed. • In progress.
7.5	CSPCWG	<ul style="list-style-type: none"> • IHB to conduct by correspondence the election of a CSPCWG Chair and Vice-Chair. • New Chair of CSPCWG to initiate work of WG according to TOR. • IHB to advise MS on the minor change made to CHRIS TOR, as a result of CSC becoming a CHRIS WG. 	<ul style="list-style-type: none"> • Completed. See CL 51/2002. • In progress. See CHRIS Letter 1/2003. • Completed. See CL 51/2002.
8.	IHO Security Scheme	<ul style="list-style-type: none"> • IHB to seek MS' endorsement for the adoption of the Primar Security Scheme as Version 1 of the IHO RSS and the transfer of SA role to the IHB. • Primar-Stavanger to prepare and accompany the taking over by IHB as Scheme Administrator for Version 1 of the IHO Security Scheme, including training of IHB staff. • TAWG/DPSAG to monitor the development of Version 2 of the IHO Security Scheme, subject to MS' approval. 	<ul style="list-style-type: none"> • Completed. See CLs 44/2002 and 66/2002. • In progress. • In progress.
9.	Liaison with Industry	<ul style="list-style-type: none"> • IHB to monitor/follow the formation of an 'IHO-Industry Forum' and a 'Shipping Industry Group'. 	<ul style="list-style-type: none"> • In progress.
9.	SENC Delivery	<ul style="list-style-type: none"> • IHB to put information about SENC delivery, and other matters affecting safety of navigation (e.g. SOLAS V), on the IHO website. 	<ul style="list-style-type: none"> • Completed. See ECDIS section of IHO website.
11.2.1	WEND Study (ENC Coverage)	<ul style="list-style-type: none"> • UKHO to consider completing the graphical part of the WEND Study carried out by Portugal, by combining information about ENC availability with route graphics from the material available. • If successful, IHB to then put the results on the IHO website. Provision to be made for the graphical presentations of ENC coverage on the IHO website, to be kept up to date from MS' inputs. 	<ul style="list-style-type: none"> • In progress. See CL 66/2002. • To be done.
11.2.2	Assistance in ENC Production	<ul style="list-style-type: none"> • IHB to gather from MS information regarding those HOs 1) needing assistance in ENC production, and 2) willing to provide assistance. • All CHRIS Members to take note of the Guide on ENC Production which is available from the SHARED website (www.ecdisnow.org). • IHB to put the SHARED ENC Guide on the IHO 	<ul style="list-style-type: none"> • Completed. See CL 54/2002 (Annex H). • Completed. • Completed.

		<p><i>website.</i></p> <ul style="list-style-type: none">• IHB to notify MS of the availability of the SHARED ENC Guide, and to provide the manual in paper copy on request.	<ul style="list-style-type: none">• To be done.
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AGENDA
(Draft February 2003)

1. Opening and Administrative Arrangements
Docs: CHRIS-15-1A *List of Documents*
CHRIS-15-1B *List of participants*
CHRIS-15-1C *Membership of CHRIS related WGs*
CHRIS-15-1D *CHRIS Membership*
2. Approval of Agenda
Doc: CHRIS-15-2A *Agenda*
3. Matters arising from Minutes of 14th CHRIS Meeting
Docs: CHRIS-15-3A *Minutes of CHRIS-14*
CHRIS-15-3B *Status of Actions List from CHRIS-14*
CHRIS-15-3C *Terms of Reference for CHRIS Committee and related Working Groups*
4. Decisions of other IHO bodies affecting CHRIS
5. Work of CHRIS
Docs: CHRIS-15-5A *Consolidated CHRIS Work Plan (by IHB)*
CHRIS-15-5B *Instructions for submission of proposals to CHRIS and CHRIS subsidiary bodies and Guidelines on the establishment of priorities in the work of CHRIS and subsidiary bodies (by O. Berg)*
CHRIS-15-5C *Summary of Responses to CL 54/2002 (Annex B) (by IHB)*
6. Reports by CHRIS Working Groups
 - 6.1 Transfer Standard Maintenance and Application Development (TSMAD)
Doc: CHRIS-15-6.1A *Report on TSMAD Activities (by C. Drinkwater)*
 - 6.2 Colour and Symbol Maintenance (C&SMWG)
Doc: CHRIS-15-6.2A *Report on C&SMWG Activities (by M. Jonas)*
 - 6.3 Technology Assessment (TAWG)
Doc: CHRIS-15-6.3A *Report on TAWG Activities (by M. Casey)*
 - 6.4 Standardization of Nautical Publications (SNPWG)
Docs: CHRIS-15-6.4A *Report on SNPWG Activities (by J. Melles)*
CHRIS-15-6.4B *Summary of Responses to CL 54/2002 (Annex G) (by IHB)*
 - 6.5 Chart Standardization and Paper Chart (CSPCWG)
Docs: CHRIS-15-6.5A *Report on CSPCWG Activities (by P. Jones)*
7. ENC Security Scheme
Docs: CHRIS-15-7A *Report on Activities of the CHRIS Data Protection Scheme Advisory Group (DPSAG) (by R. Sandvik)*

8. Liaison with Industry
Doc: CHRIS-15-8A *Report of Industry Workshops and Stakeholder Organizations (by IHB)*

9. Vector Data Development
 - 9.1 RENCs
Docs: CHRIS-15-9.1A *PRIMAR-Stavanger Status Report (by R. Sandvik)*
CHRIS-15-9.1B *IC-ENC Status Report (by P. Wainwright)*
CHRIS-15-9.1C *MBS Virtual RENC Status Report (by M. Nannini)*

 - 9.2 ENC Development and Coverage
Docs: CHRIS-15-9.2A *Report of WEND Study on ENC Coverage (by IHB)*
CHRIS-15-9.2.2A *Report on ENC Assistance Questionnaire (by IHB)*

 - 9.3 DNC Development
Doc: CHRIS-15-9.3A *Report on DNC Development at US-NIMA (C. Andreasen)*

 - 9.4 Inland ECDIS
Doc:

10. Marine Information Objects (MIO)
Docs: CHRIS-15-10A *Report on HGMIO Activities (L. Alexander)*

11. Projects of interest to CHRIS (e.g. SHARED or CGMECIP)
Docs: CHRIS-15-11A *SHARED Status Report (by Singapore)*
CHRIS-15-11B *CGMECIP Status Report (by Mexico?)*

12. Open ECDIS Forum
Doc: CHRIS-15-12A *Report on OEF Activities (by L. Alexander)*

13. Liaison with other Groups
 - 15.1 ISO-TC211 (Geographic Information-Geomatics)
Doc: CHRIS-15-13.1A *Report on TC211 Activities in relation to CHRIS (by IHB)*

14. Any Other Business

15. Date and Location of Next Meeting.