



IHB File No. S3/8151/CHRIS  
S3/4400

CIRCULAR LETTER No. 51/2002  
31 October 2002

**CHRIS CHART STANDARDIZATION AND PAPER CHART WORKING GROUP  
(CSPCWG)**

*[Formerly Chart Standardization Committee (CSC)]*

**References:** Decisions Nos 17 (b) and 17 (f) of the XVIth International Hydrographic Conference

Dear Hydrographer,

By its Decision 17 (f), the XVI<sup>th</sup> International Hydrographic Conference (Monaco, 15-19 April 2002) approved the continuation of the activities of the Chart Standardization Committee (CSC) through the new Chart Standardization and Paper Chart Working Group (CSPCWG) of CHRIS<sup>1</sup>. The core mandate of this group is to maintain the (paper) Chart Specifications of the IHO and the IHO Regulations for International (INT) Charts, as contained in IHO Publication M-4. Its new status reflects the requirements for closer cooperation with the other working groups of CHRIS, in particular TSMAD<sup>2</sup> (the description of cartographic features in M-4 has its digital counterpart in the Object Catalogue of the IHO Transfer Standard S-57) and C&SMWG<sup>3</sup> (the collection of paper chart symbols in M-4 is equivalent to the IHO Presentation Library for ECDIS).

Terms of Reference for CSPCWG, which had been prepared by the CSC Chairman, Dr Peter Cox (UK), were considered and approved by the 14<sup>th</sup> CHRIS Meeting (Shanghai, China, 15-17 August 2002). They are reproduced at Annex A. The current status of CSC/CSPCWG activities is described in a report to the 14<sup>th</sup> CHRIS Meeting, also prepared by Dr Cox, which is available from the IHO website ([www.iho.shom.fr/general/ecdis/ecdisnew1.html](http://www.iho.shom.fr/general/ecdis/ecdisnew1.html))<sup>4</sup>.

Dr Cox and the CSC Secretary, Ms Elizabeth Dunn (UK), have indicated their intention to discontinue their participation in this group. However, they have kindly accepted to “keep certain key items moving, albeit slowly, while the election for the new Chairman proceeds”, which is most appreciated. The CSC Membership (less Dr Cox and Ms Dunn), as known to the IHB, is at Annex B. It is assumed and hoped that CSC members will continue contributing to the work of the new CSPCWG of CHRIS. Additionally, any new CSPCWG members will be welcome. Member States are therefore requested to confirm or indicate their representation in CSPCWG by filling in the questionnaire in Annex C, further mentioning whether their representative would be prepared to act as Chairman, Vice-Chairman or Secretary of the WG. The questionnaire should be returned to the IHB by **15 January 2003**.

Terms of Reference for CHRIS were approved by the XVI<sup>th</sup> IHC [Decision 17 (b) refers]. However, the inclusion of CSPCWG under the umbrella of CHRIS needs to be reflected in the CHRIS TOR. As a result, minor changes to these TOR were agreed by the 14<sup>th</sup> CHRIS Meeting. They have been underlined in the revised CHRIS TOR which are reproduced at Annex D. You are kindly requested to advise the IHB of any objection to these changes by **15 January 2003**.

<sup>1</sup> IHO Committee on Hydrographic Requirements for Information Systems

<sup>2</sup> Transfer Standard Maintenance and Applications Development Working Group

<sup>3</sup> Colour and Symbol Maintenance Working Group

<sup>4</sup> Relevant document is CHRIS-14-7.5A (PDF file) on the CHRIS Web page.

The Directing Committee is grateful to Dr Cox and Ms Dunn for their outstanding work while ensuring CSC leadership, and appreciates the generosity of the UK Hydrographic Office for having made them available to this important IHO body.

On behalf of the Directing Committee  
Yours sincerely,

A handwritten signature in black ink, appearing to read 'K Barbor', written over a horizontal line.

Rear Admiral Kenneth BARBOR  
Director

Encls: Annexes A to D

## CHART STANDARDIZATION AND PAPER CHART WORKING GROUP (CSPCWG)

### TERMS OF REFERENCE

*(as agreed by the 14<sup>th</sup> CHRIS Meeting, 15-17 August 2002, Shanghai, China)*

#### **Membership:**

Membership of the Chart Standardization Committee and Paper Chart Working Group (CSPCWG) is open to all Member States wishing to be represented, by request to the Directing Committee of the International Hydrographic Bureau (IHB). Normally there should be one representative from each Member State. The Chairman will monitor membership to ensure that each regional hydrographic commission is represented on the CSPCWG. He will inform the Directing Committee of the IHB if, at any time, a regional commission is not represented.

#### **Organization:**

1. A Chairman and Vice-Chairman of the CSPCWG will be appointed from participant Member States of the CSPCWG. They will be determined by the CSPCWG, from amongst its members, by election conducted by the CSPCWG Chairman.
2. The previous Chairman and Vice-Chairman will discuss and decide between themselves the organization of the work entailed in these posts.
3. A Secretary will be appointed from within the organization of the Chairman of the CSPCWG to ensure the smooth running of business, and to administer consultation and collation of members' views. The Secretary will not be a member of the Working Group.
4. The CSPCWG conducts its business mainly by correspondence but holding meetings at least every two years.

\* Length of tenure of Chairmanship and Vice-Chairmanship is governed by TR T1.1.

#### **Objectives:**

The CSPCWG, and the publications for which it is responsible, provides a core of expertise on the basic concepts of charting. Whatever physical form the chart or publications may take, the fundamental concepts and elements of marine cartography remain the same.

#### **Tasks:**

Specifically, the IHO Chart Standardization Committee and Paper Chart Working Group's (CSPCWG) tasks are:

##### **Chart Specifications of the IHO**

M-4 Part B provides an internationally-agreed product specification for both national and international (INT) charts at medium- and large-scale. The role of M-4 Part B is twofold, in that it provides:

- a. an explanation of the general concepts and rationale behind the portrayal of features on charts, much of which is relevant to both digital [ie electronic] and analogue [ie paper] charts.

- b. specific guidance for paper charts, including the use of text and symbology.

Specific guidance for digital (vector) charts is provided by S-52 and S-57; specific guidance for digital (raster) charts is provided by S-61. All make full use of the background material contained in M-4 and include cross references where appropriate. Duplication of information is thus (rightly) avoided.

1. Keep under continuous review in all respects the “Chart Specifications of the IHO”, in order to advise the IHB on their updating, including future design and format.

\* Maintain INT 1, INT 2, INT 3 and their relations to Annex D of S-57 Appendix B.1.

2. Advise the IHB on suggestions, put forward by Member States, to update the “Chart Specifications of the IHO”, with the goal of achieving the maximum possible adherence by Member States to the Specifications.

#### **Regulations of the IHO for International (INT) Charts**

3. Keep under continuous review in all respects the “Regulations of the IHO for International (INT) Charts” in order to advise the IHB on their updating.

4. Advise the IHB on suggestions, put forward by Member States, to update the “Regulations of the IHO for International (INT) Charts”.

#### **International (INT) Chart Scheming**

5. Advise the IHB, as appropriate, in the setting-up of regional hydrographic commissions or working groups in order to accelerate the production of large- and medium-scale international (INT) charts.

6. Offer advice on chart schemes and cartographic work of such commissions or groups, in order to ensure homogeneity and so that these commissions might take advantage of its experience.

Note: With regard to 5 and 6, the role of the CSPCWG vis-a-vis the regional commissions and groups is purely of a consultative nature.

#### **Guidelines for Regional Coordinators of International (INT) Chart Schemes**

7. Keep under continuous review the “Guidelines for Regional Coordinators of International (INT) Chart Schemes” in order to advise the IHB on their updating.

\* Complete the inclusion of the Guidance in M-11 in accordance with IHO Work Programme.

#### **Liaison with other IHO bodies**

8. Maintain close liaison with other CHRIS Working Groups and other international and IHO bodies, as appropriate.

#### **Reports of activities**

9. Report progress to meetings of CHRIS and its Working Groups, and to Member States through the CHRIS report in the Annual Report of the IHB, and by means of a report to each ordinary session of the IH Conference.

## CSC MEMBERSHIP

Country	Name	Email
Australia	Mr. Ian KENNEDY	<a href="mailto:ian.kennedy@defence.gov.au">ian.kennedy@defence.gov.au</a>
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**NOMINATIONS**  
**for the**  
**CHART STANDARDIZATION AND PAPER CHARTS WORKING GROUP (CSPCWG)**  
*[Formerly Chart Standardization Committee (CSC)]*

**QUESTIONNAIRE**  
*(to be returned to the IHB by 15 January 2003*  
*E-mail: [info@ihb.mc](mailto:info@ihb.mc) - Fax: +377 93 10 81 40)*

**Member State:** .....

.1 Taking into consideration the revised Terms of Reference for CSPCWG, as in Annex A to IHB CL 51/2002, please confirm your representation in CSPCWG or that you wish to participate in the work of CSPCWG?

YES  NO

.2 If yes, please indicate the name of your representative:

.....

E-mail: .....

.3 If yes, would your representative be prepared to act as:

- Chairman of CSPCWG : Yes  No
- Vice-Chairman of CSPCWG : Yes  No
- Secretary of CSPCWG : Yes  No

Comments : .....

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Name / Signature ..... Date: .....

**COMMITTEE ON HYDROGRAPHIC REQUIREMENTS FOR INFORMATION SYSTEMS  
(CHRIS)**

**Revised Terms of Reference**

*(As agreed by the 14th CHRIS Meeting, 15-17 August 2002, Shanghai, China)*

Considering the need to promote and coordinate the development of official digital products and services to meet the requirements of mariners, the International Hydrographic Organization establishes a Committee on Hydrographic Requirements for Information Systems (CHRIS) with the following Terms of Reference and Rules of Procedure:

**1. Terms of Reference**

- 1.1 To monitor the requirements of mariners associated with development and use of [paper hydrographic products and](#) electronic information systems that may require data provided by national hydrographic offices, and identify the matters that may affect the activities and products of these offices.
- 1.2 To study and propose methods and minimum standards for the development and provision of official digital hydrographic data, nautical products and other related services.
- 1.3 To prepare and maintain publications to describe and promote the Committee's recommended methods and standards adopted by the International Hydrographic Organization, and advise national hydrographic offices about implementation procedures as required by those offices.
- 1.4 To consider alternative procedures for the timely production of standards, for example using external expertise when necessary.
- 1.5 To establish and maintain contact with other relevant IHO bodies, such as the Committee on WEND, the Legal Advisory Committee, the IHO WG on Copyright, etc.
- 1.6 To liaise with other relevant international organizations.

**2. Rules of Procedure**

- 2.1 The Committee is composed of Representatives of Member States and a representative of the International Hydrographic Bureau.
  - 2.2 Member State Representatives, or the Committee as a whole, may invite Observers to Committee Meetings.
  - 2.3 Meetings shall be held at least once a year. The venue and date will be announced at least three months in advance.
  - 2.4 The Committee Members will elect the Chairman of the Committee at its first meeting following each International Hydrographic Conference.
  - 2.5 The Committee will progress its work primarily through Working Groups, each of which will address specific tasks. Working Groups will operate by correspondence to the maximum extent practicable.
  - 2.6 Recommendations of the Committee will be submitted to the IHO Member States for adoption through the Directing Committee.
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