

**4<sup>th</sup> CSPCWG MEETING  
Monaco, 13-15 November 2007**

**Paper for Consideration by CSPCWG**

**Text of letter from Chairman to CHRIS Chairman**

**To: Chairman, IHO CHRIS Committee**

Dear Robert

**Subject: Chart Standardization & Paper Chart Working Group (CSPCWG)**

CSPCWG held its third meeting in Monaco 22-24 November 2006. The Record of this meeting and the Documents tabled are contained on the IHO website (Committees > CHRIS > CSPCWG). However, in order to bring particular matters of interest to your attention as CHRIS Chairman, I attach a list of such items at Annex. For your convenience, I have added italic text to further expand the record in order to put the matter into a fuller context.

I am also pleased to report that a good degree of progress is being made in respect of the Actions emerging from the meeting; as ever, chiefly through the good work of our Secretary, Andrew Heath-Coleman.

I trust you will find this summary useful in monitoring the work of CSPCWG and in identifying items that may be of relevance to the higher CHRIS group. I would also be grateful to receive any advice that you can provide in respect of the matters highlighted at Annex.

Yours sincerely,



Peter G.B. Jones,  
Chairman

Annex: CSPCWG3 Meeting Record extract - Items to bring to attention of CHRIS

**Extract from CSPCWG3 Meeting Record****13.1 Items to bring to attention of CHRIS**

The following items were noted for the attention of CHRIS:

a) Name of the WG under the new committee structure.

*In respect of the proposed new IHO Committee/WG structure, concern was expressed that the proposed new name 'Paper Chart Presentation WG' does not adequately reflect the CSPCWG's role in providing a core of expertise on the basic concepts of charting (whatever the physical form of the chart), as stated in the Terms of Reference. Various possibilities were proposed and, following WG Letter 01/2007, there was an equal division of preference (6 M/S voting for each) between **Nautical Charting WG** and **Chart Specifications WG**. The former is wide ranging and fits with the CSPCWG's current Terms of Reference (Objectives paragraph 1.a). The latter is more specific and focuses on CSPCWG's current work (Objectives paragraph 1.b). My preference is for the latter, noting the WG's primary responsibility for maintaining and developing chart specifications and that, if this situation changes, then it can be reconsidered noting the intention to periodically review all technical WGs within the new structure. However, although the CSPCWG Chairman previously had a deciding vote under former CSPCWG TOR, he no longer does since the CHRIS WGs' TORs have been standardised. As **CHRIS Chairman, and noting your major contribution in recommending the new structure to SPWG, you may wish to advise me of your decision, otherwise I will revert to the CSPCWG in a further attempt to reach a consensus.***

b) The need to change 'digital' to 'electronic' in the title of the 2<sup>nd</sup> WG of SDPS.

*CSPCWG's view was that the appropriate name for the 2<sup>nd</sup> WG under the SDPS should begin 'Electronic...' not 'Digital...', as most charts, including paper, are now produced digitally.*

c) Chris Roberts' co-ordinating role in Working Group liaison.

*CSPCWG recognizes the exceptional value that Chris Roberts has brought to the WG since its inception; in particular his advice, liaison and coordination role between CSPCWG, CSMWG and TSMAD. CSPCWG believes CHRIS should give early consideration as to how this liaison may be maintained into the future.*

d) Minor revisions to the Terms of Reference of the CSPCWG. *(Submitted at Appendix)*

e) The decision that no new ocean current symbols are justified for paper nautical charts.

*Document CSPCWG 3-8.6A (Portrayal of Ocean Currents) was tabled. The meeting agreed that the current symbol H43 is adequate for principal chart users and there is no need to devise a new symbol.*

f) Amendments to the CHRIS Chairman's statement about the authority of M-4.

*Noting the CHRIS 18 meeting's review of paper CHRIS 18-6.5B (Status of IHO Charts INT 1, INT 2 and INT3 - CSPCWG Letter 04/06 refers), the CHRIS*

*Chairman's summary points were considered. Acknowledging that the formal record of CHIS18 had not yet been seen, the following were proposed by CSPCWG3 for clarification (in red below):*

- CSPCWG's INT1 Sub-WG acts as the quality assurance authority and reviewer of INT1 on behalf of CHRIS & IHO.*
- M-4 is the authority for charting principles and for paper chart compilation.*
- M-4 represents the contemporary community standard specification for paper charts.*
- The current ownership and stewardship of each of the subject documents is appropriate.*
- If the wording regarding status can be improved, revisions for P-4 should be provided to IHB for incorporation as necessary.*

*Further, CSPCWG3 agreed to use some of the wording, when approved, from the CHRIS18 report to insert into M-4 (& P-4), possibly in the 'history' section (B-101) or the Associated Publications section (B-150). In the latter section, the term used for INT 1 and INT 3 should be 'published by..' in lieu of 'produced by..'. For INT 2, the appropriate term may change according to how the new edition is progressed. For example, it may be co-published by NL/UK or NL/IHB, depending on where the printing is done.*

*In consideration of the fact that all official INT 1s (and all or most national versions) are now booklets, the meeting decided to remove the word 'Chart' from M-4 wherever it prefixes INT 1. HOs are at liberty to refer to their national version by whatever term and number they wish.*

**g) The application of English language abbreviations in IHO documents (specifications and standards) arising from the proposed review of INT abbreviations.**

*Document CSPCWG 3-11.3A (INT abbreviations inconsistencies) arose from work on the recent new editions of INT1 by Germany and France (with another in preparation by Spain), in particular in respect of the revision of Section W of INT 1 (list of International Abbreviations). The meeting noted that there are some inconsistencies between M-4 and INT 1 which need clarifying; in M-4, some abbreviations are stated to be 'INT' whilst for others, M/S are specifically allowed to use national equivalents. Whilst many common abbreviations, derived from English language text, can readily provide an acceptable and understandable abbreviation, there are some examples that are so different from other languages that difficulties can arise when attempting to 'INTERNATIONALISE'. FR and ES were tasked to prepare a paper on the extent of the problem and to make proposals for a revised list of INT abbreviations, which would eventually need to be submitted to M/S for approval.*

*In discussion of another agenda item, Michel Huet explained the principles applied to chart titles used for M-11 Part B, ie that the English language version is used where available, in conformity with English being the 'language of navigators'. He drew attention to IHC 1997 Decision No 9:*

*'It is proposed that each Hydrographic Office which does not issue charts in the English language give all legends on charts affecting its territorial waters in its national language and in English.'*

*The proposal was to have been passed to the former CSC for consideration of technical references. However, no new or revised technical resolution appears to have been generated. CSPCWG asked the Chairman and Secretary to review IHC 1997 Decision 9 and consider implications for M-4 (especially B-241, which is based on TR B2.15 in turn derived from 1926 & 1929 reports of proceedings) and INT 1.*

*These matters raise the more wide-ranging issue on the status of English language abbreviations and text across the range of IHO technical documents.*

*Amendments to CSPCWG Terms of Reference agreed by the CSPCWG 3 meeting, in red.*

#### **TERMS OF REFERENCE for the CHART STANDARDIZATION AND PAPER CHART W.G. (CSPCWG)**

##### **1. Objectives**

- a. To provide a core of expertise on the **basie** concepts of charting, noting that whatever physical form the chart may take the fundamental concepts and elements of marine cartography remain the same.
- b. To develop and maintain the IHO publications for which it is responsible.

##### **2. Authority**

The Working Group (WG) is a subsidiary of CHRIS and its work is subject to CHRIS approval. In the interests of procedural efficiency the WG has authority to reach decisions on the maintenance and updating of the documents for which it is responsible and seek direct endorsement of its proposals by IHO Member States via the IHB. This does not include matters that may have a strategic or financial implication for Member States or other interested stakeholders.

##### **3. Procedures**

- a. The WG's main tasks are to:
  - i. Keep under continuous review the IHO publication M-4 'Regulations of the IHO for International (INT) Charts and Chart Specifications of the IHO', in order to advise the IHO on their updating, design and format **and the portrayal of symbols**. Note: M-4 incorporates **[await wording from CHRIS 18 report]**:
    - INT 1 'Symbols, Abbreviations and Terms used on Charts'
    - INT 2 'Borders, Graduation, Grids and Linear Scales'
    - INT 3 'Use of Symbols and Abbreviations, as recommended by the IHO'
  - ii. Advise the IHO on suggestions put forward by Member States to update M-4, in accordance with IHO Specification B-160, with the goal of achieving the maximum possible adherence by Member States to the Regulations and Specifications.
  - iii. Keep under continuous review the IHO publication M-11 Part A 'Guidance for the Preparation and Maintenance of International Chart Schemes' in order to advise the IHO on its updating.
  - iv. Advise the IHB and Regional Hydrographic Commissions, as appropriate, on the work of Regional Charting Groups (RCG) in order to promote the production of large- and medium-scale international (INT) charts. The role of the WG is purely consultative.
  - v. Offer advice based on its experience to RCG and individual Member States, on chart schemes and cartographic work, in order to **strongly encourage adherence to IHO charting specifications standards**. The role of the WG is purely consultative.

- b. The WG conducts its business mainly by correspondence. It will also plan to hold meetings at least once every two years, dependant on membership support and business needs.
- c. All members shall inform the Chairman in advance of their intention to attend meetings of the WG.
- d. Decisions ~~should~~ shall generally be made by consensus. If votes are required on issues or to endorse proposals presented to the WG, votes shall be ~~on the basis of one vote per Member State represented~~ taken by a simple majority of the Member States present and voting. When dealing with inter-sessional matters by correspondence, a simple majority of responding WG members shall be required.
- e. The WG should identify a work programme for each year, including expected time frame for progressing tasks.
- f. The WG will maintain close liaison with other CHRIS WGs, particularly ~~C&SMWG~~ CSMWG and TSMAD; and other international and IHO bodies, as appropriate and as instructed by CHRIS.
- g. The WG will report progress to meetings of CHRIS and to Member States through the CHRIS report in the Annual Report of the IHB

#### 4. Composition and Chairmanship

- a. Membership of the CSPCWG is open to all Member States wishing to be represented. Normally there should be not more than one representative from each Member State.
- b. Accredited Non-Governmental International Organizations observers may participate in CSPCWG activities.
- c. ~~A Chairman and Vice-Chairman will be appointed by election from participant Member States of the WG.~~ The Chairman and Vice-Chairman shall be representatives of Member States. Their election shall be decided at the first meeting after each ordinary session of the Conference and shall be determined by vote of the Member States present and voting. [Note: change 'Conference' to 'Assembly' after restructure.]
- d. Length of tenure of Chairmanship and Vice-Chairmanship is governed by IHO Technical Resolution T1.1.
- e. The Chairman and Vice-Chairman will decide between themselves the organization of the work entailed in these posts.
- f. The Chairman will monitor membership to ensure that each regional hydrographic commission is invited to be represented on the WG.
- g. A Secretary will be appointed, normally from within the organization of the Chairman of the WG, to ensure the smooth running of business, and to administer consultation and collation of members' views. The Secretary is a member of the WG.

#### 5. Guiding principles

- a. 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:
  - i. an explanation of the general concepts and rationale behind the portrayal of features on charts, much of which is relevant to both **electronic** and paper charts.
  - ii. specific guidance for paper charts, including **their content and** the use of text and symbology.