

**15<sup>th</sup> CHRIS MEETING  
IHB, Monaco, 10-13 June 2003**

**REPORT OF THE CHART STANDARDISATION AND PAPER CHART  
WORKING GROUP (CSPCWG)**

*(by P. Jones, UK)*

- 1 Actions from CHRIS-14** (listed in CHRIS letter 1/2003 Annex E, ref 7.5)
  - **IHB to conduct by correspondence the election of a CSPCWG Chair and Vice-Chair.**  
**Completed.** CL51/2002 refers. Peter Jones (UK) and Jarmo Makinen (Finland) respectively appointed.
  - **New Chair of CSPCWG to initiate work of WG according to TOR.**  
**Work commenced; action closed.**
  - **IHB to advise MS on the minor change made to CHRIS TOR, as a result of CSC becoming a CHRIS WG.**  
**Completed.** CL51/2002 refers.
  
- 2 Status and Organisation of CSPCWG**
  - 2.1 Following reorganisation of the IHO's committee structure, the CSPCWG has been established as a new WG, reporting to CHRIS. CHRIS Letter No1/2003, 6 March 2003, and Terms of Reference (Annex A to IHO CL 51/02) refer.
  - 2.2 The WG has evolved out of the former Chart Standardization Committee (CSC) whose Chairman, Dr Peter Cox (UK), relinquished his post in 2002. It is acknowledged that there has been a hiatus in progressing work since the IH Conference in April 2002, whilst awaiting clarification of organisational status. This is reflected in the actions from CHRIS-14, noted in 1 above.
  - 2.3 The nominated WG officers are: Chair Mr Peter Jones (UK), vice-chair Mr Jarmo Makinen (Finland), with UKHO providing the resource for the secretarial duties.
  - 2.4 Membership of the WG is at Annex A. This currently stands at 24 nations, representing all International charting regions and is the largest WG in terms of spread across IHO member states. Noting the nature of the WG's work and the size and spread of its membership, business is conducted mainly by correspondence.
  
- 3 CSPCWG Work Plan**
  - 3.1 In commencing the WG's activities, the principal thrust is to:
    - take forward the outstanding work of the former CSC
    - review and consider emerging requirements and
    - establish all appropriate lines of communication with the other CHRIS WGs, noting the revised organisational status, to ensure that common interests are addressed.
  - 3.2 A draft Work Plan has been developed and is attached at Annex B. This will inevitably, and appropriately, evolve. Particular issues are summarised below:
    - 3.2.1 **Revision of M-4** "Chart Specifications of the IHO and Regulations of the IHO for International (INT) Charts":

- Part A (Regulations...) – reviewed and revised by CSC; issued and available in digital (Word) form.
- Part B (Chart Specifications for medium & large scale charts) – review and revision is ongoing; intention to provide each new revised section in digital form:
  - Section 100 – draft revision circulated; at second draft stage; nearing completion.
  - Section 200 – reviewed and necessary revisions identified; in hand.
  - Section 400 - reviewed and necessary revisions identified; in hand.
  - Sections 300, 500 & 600 - reviewed and necessary revisions identified; awaiting take-up.
- Part C (Chart Specifications for small scale charts) – reviewed and revised by CSC; awaiting issue by IHB (including its availability in digital form).

3.2.2 **Study for International Notices to Mariners.** This was undertaken by former Vice-Chair of CSC. SNPWG Chair to obtain status report prior to the individual's imminent retirement.

3.2.3 **Develop new symbology.** Conclude and formally issue items relating to Archipelagic Sea Lanes (ASL), Vessel Traffic Services (VTS) and Environmentally Sensitive Sea Areas (ESSA), all of which are well advanced.

#### **4 Reporting and Liaison**

4.1 As successor to the CSC, this is the first report of the CSPCWG to CHRIS.

4.2 The CSC conducted its day-to-day business by correspondence and CL (the last being CSC CL 4/2002). It is intended that the CSPCWG will continue in similar manner.

4.3 In order to maintain good practice and appropriate liaison it is intended that:

- Regular reports on activities are made in accordance with the WG's TOR.
- CHRIS WGs exchange substantive reports for information, in particular highlighting:
  - (a) issues of mutual interest (including those dormant and requiring resurrection) and
  - (b) any issues where it is judged more appropriate for another WG to take the lead.
- The IHO web-site is exploited to provide visibility to the WG's activities and references. This is in accordance with the spirit of the CHRIS guidance (CHRIS letter 1/2003, para 3 refers).

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Chair CSPCWG  
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Annexes: A. Membership of CSPCWG (April 2003)  
B. CSPCWG Work Plan (dated 9 May 2003)

## ANNEX A to CHRIS15-6.5A

## MEMBERSHIP OF CSPCWG

(April 2003)

Member State	Name	Email
Australia	Mr Chris ROBERTS	Chris.Roberts@defence.gov.au
Brazil	Cdr Luiz Antonio FELIX*	32@chm.mar.mil.br
Canada	Mr David PRINCE	PrinceD@pac.dfo-mpo.gc.ca
Chile	LtCdr Juan CUNEO*	jcuneo@shoa.cl
Colombia	Mr Jesus Josue DIAZ PRIETO	jjdiazp@yahoo.com
Croatia	Mr Radovan SOLARIC	Radovan.solaric@hhi.hr
Cuba	Cdr Rolando FEITO SARDUY*	geocuba@teleda.get.tur.cu
Denmark	Mrs Hanne BERG	hnb@kms.dk
Finland	Mr Jarmo MAKINEN* ( <b>Vice-Chair</b> )	Jarmo.makinen@fma.fi
France	Ing en chef Jean-Louis BOUET-LEBOEUF	jean-louis.bouet-leboeuf@shom.fr
Germany	Mr Peter HANNKEN	Peter.Hannken@bsh.d400.de
Greece	Ms Leda STAMOU*	dcd@hnhs.gr
India	Shri G.S. VATSA*	nho@sancharnet.in
Indonesia	Capt Rusdi RIDWAN (at DISHIDROS)	infohid@indo.net.id
Italy	Cdr Carlo DARDENGO*	lim.sre@marina.difesa.it
Japan	Dr Masakazu TSUCHIDE*	Masakazu-Tsuchide@kaiho.mlit.go.jp
Netherlands	Mr Maarten DE GRAAF	m.de.graaf@mindef.nl
New Zealand	Mrs Carol KOHL	ckohl@linz.govt.nz
Russia	Capt Valery D. FOMCHENKO (at GUNIO)	gunio@homepage.ru
South Africa	Mr Malcolm NELSON*	hydrosan@iafrica.com
Spain	Cdr Angel CHANS	ihmesp@retemail.es
Ukraine	Mr Anatoliy DEREPА*	ukrmaps@i.kiev.ua
United Kingdom	Mr Peter JONES ( <b>Chair</b> )	Peter.Jones@ukho.gov.uk
United Kingdom	Mrs Christine WALTON ( <b>Secretary</b> )	Christine.Walton@ukho.gov.uk
USA (NIMA)	RAdm Christian ANDREASEN*	AndreasenC@nima.mil
USA (NOAA)	Mr Robert HEELEY	robert.heeley@noaa.gov
IHB	Michel HUET	pac@ihb.mc

\* acknowledgement to welcome message not yet received

Peter Jones  
 Chair CSPCWG  
 VI.1, 23 April 2003

**CSPCWG WORK PLAN** (at 09 May 2003)

General remarks relevant to the understanding of the Plan:

- *Tasks and Work Items are pursued in accordance with IHO Work Programme 2003-2007, Programme 3, Element 3.1 Nautical Cartography. In particular: 3.1.1 the refinement and expansion of specifications and standards; 3.1.2 the development of standards for cartography and geographic information; 3.1.3 the development of the international [paper] chart series, including development of new symbology and the extension of the INT chart scheme; and the revision, development and maintenance of publications, including M4 (Chart Specifications of the IHO).*
- *This WG Plan carries forward the work of the IHO's former Chart Standardization Committee (CSC), which closed in 2002.*
- *The focus is on maintaining and enhancing the cartographic standards in paper charts to suit the needs of the modern mariner in support of safe navigation, whilst drawing together, wherever possible, common issues of paper/digital charting.*
- *As a Plan it will and should evolve; accordingly, contributions from WG members and others are welcomed at any time.*

*Peter Jones, May 2003*

**CSPCWG TASKS**

- 3.1.1 (14)      Revise Publication M-4, including digital version (by IHB)
- M-4            Review, revise, develop and maintain M-4; ongoing; Task 3.1.1 (Chart Specs and Regulations for INT Charts)
- M-11          Review, revise, develop and maintain M-11; ongoing; Task 3.1.1 (Catalogue of INT Charts)
- S-48          Review, revise, develop and maintain M-11; ongoing; Task 3.1.1 (Guidelines for Regional Coordinators of INT schemes)
- INT 1, 2, 3    Monitor and advise on revision, development and maintenance; ongoing (INT reference charts)
- Development of the International [paper] chart series
- Cooperative work with other CHRIS WGs in specifications and standards (paper / digital charts)
- Provide advice and assistance on charting matters in the revision of others' publications (eg M-3, M-12, S-23, INT NMs)
- Liaison with other bodies (eg Regional hydrographic commissions, International charting groups, IHB representatives to IMO)
- Consult on the need to establish standards for cartography in navigable rivers and inland waterways (ref IHO Strategic Plan)

Work Item	Priority	Milestones	Remarks
A Revise M-4:			
A.1 Part B Section 100	High	mid-03	
A.2 Part B Section 200	High	late-03	
A.3 Part B Section 400	High	late-03	
A.4 Part B Section 300, 500, 600	Medium	early-04	After A.1-A.3
A.5 Part C	High	mid-03	Revision completed; IHB to issue
B Review S-48 and amalgamate within M-11	Low		Updating and integration task
C Study for International Notices to Mariners		June 03	Feasibility study by CSC Vice-Chair for SNPWG; obtain progress report & data prior to individual's retirement
D Develop new symbology for:			
D.1 Archipelagic Sea Lanes (ASL)	High	Dec 02	IMO routeing measure & included in Ships' Routeing. Symbology agreed; draft revised specs B-432, B-434 to 436; first implemented by Indonesia Dec 02; to include in INT1 & M-4
D.2 Vessel Traffic Services			Draft revised specifications B-435 & B-488 (M-4)
D.3 Environmentally Sensitive Sea Areas (ESSA)	Medium	mid-03	Draft revised specification B-437 (CSC CL 7/01 & 1-4/02 refer); awaiting issue. Linked to IMO routeing measure for Particularly Sensitive Sea Areas (PSSA)
E Review definition of dangerous wreck			Variation in national standards still apparent

Planned Meetings (date, venue):

*Noting the nature of the WG's work and the size and spread of its membership, business will be conducted mainly by correspondence.*