

**49thNHC Meeting
7 - 9 February 2005**

**CSPCWG Report
DENMARK
Mrs. Hanne Berg, KMS**

Since the establishment of the new working group CSPCWG (Chart Standardization and Paper Chart Working Group) I have experienced a huge increase in the work-load connected to this WG.

During 2004 I have e.g. received and circulated to the Nordic countries (except Finland) 20 Circular Letters from the Chairman (or should I say the Secretary as he is doing a tremendous work). And in order for me to be able to make the best comments and suggestions to the CSPCWG I have also received more or less all the responses from the countries being members of the working group (we have been advised to reply to the secretary with a copy of our reply to all the WG members)

Therefore there has been and in the future also will be quite a lot of papers to read and respond to if members of the working group want to have an active role in the work.

For the first time the members of the CSPCWG met in Monaco in November 2004. The chance of getting together and discuss several matters face to face was very fruitful and a major progress in the work was achieved. Therefore it has been decided to hold a 2nd meeting in November 2005. The venue is still to be decided.

The current CSPCWG work plan was approved by CHRIS and a new one has been agreed by the CSPCWG in Monaco.
For your information the action list and the work plan resulting from the 1st CSPCWG meeting is attached to this report.

Annex E to CSPCWG 1 Record

CSPCWG 1 ACTION LIST

No	Action	Delegate
1	To draft a record of CSPCWG 1 by end November 2004, in accordance with the Chairman's instructions, for review by the meeting participants.	Secretary
2	To revise TOR as agreed and distribute to the WG. Note: A copy of the revised Terms of Reference is at Annex B - action completed.	Secretary
3	To advise CHRIS of revised TOR (in accordance with CHRIS 16 action 1).	Chairman
4	To arrange for sequential copies of M-4 to be archived.	Secretary
5	To advise AU of any changes to specification numbers in M-4.	Secretary
6	To confirm that strength of wording terms are still approved by TSMAD.	AU
7	To amend M-4 drafts to reflect the reduced number of terms, and add examples of the use of each term.	Secretary
8	To add a cross reference to B-103.1 at B-126 (to explain the different uses for 1:2 000 000 scale charts).	Secretary
9	To progress draft B-100 to IHO consultation stage.	Secretary & Chairman
10	To advise India that the use of the Entry Prohibited symbol in lieu of legend will be optional (as indicated by the word 'may' at the beginning of B-439.3).	Chairman
11	To make proposals in respect of existing symbols which require precise specifications, and what they should be.	Secretary
12	To draft a new entry for B-100, explaining the use of exact specifications for new symbols.	Secretary
13	To draft a revised, alphabetical, list of abbreviations for INT 1, and circulate to WG members for review.	DE
14	WG members to supply any internal or published guidance on chart maintenance to the Secretary to help draft M-4 entry.	All WG members
15	To consult UK experts on 'InDesign' as to whether an index can be produced automatically.	Secretary
16	To draft IHO CL regarding obsolete symbols. [After meeting note: action completed]	Secretary
17	To publish CL regarding obsolete symbols, after draft received from Secretary. [After meeting note: action completed – see IHO CL 74/2004 dated 9/11/04]	IHB
18	To provide revised ASL specification to IHB for posting on web-site.	Secretary
19	To inform M/S that the revised specification has been adopted.	IHB
20	To communicate CSPCWG intentions regarding ASLs to Indonesia.	Chairman
21	To draft guidelines for area limits, covering hierarchies, multi-feature lines and tint bands, and submit to WG for review.	AU
22	To enquire whether any standards exist for the inks used for spot colours at UK.	Secretary
23	To prepare draft guidelines on CMYK and spot colours and submit to the WG.	FI
24	To prepare a detailed submission for Fairway areas, taking account of the need for a symbol which could be widely used, and appropriate for use by HOs using the minimum colours.	FI
25	To prepare a detailed submission on VTS and Reporting Areas for WG review, taking into account the views expressed.	FI
26	To note the WG decision relating to DSA symbol, and its advice on improving the	AU

No	Action	Delegate
	depiction of the two-way route.	
27	To advise the WG of any developments requiring new symbols, or unusual applications of existing symbols for Port Security Limits.	US(NOAA)
28	To note 'barrier' symbol for inclusion in general revision of B-400.	Secretary
29	To invite M/S by CL to endorse the draft M-11 Part A.	IHB
30	To continue progress on revision of INT 1, taking account of the WG's decisions.	DE
31	To advise M/S when the new edition of INT 1 is published.	IHB
32	To ask HCA what action they require CSPCWG to take for the Antarctic symbols listed in S-59.	IHB
33	To draft CL to WG members asking for examples of national versions of INT 2 to be provided to NL.	Secretary
34	NL to update INT 2 after publication of revised M-4 section B-200.	NL
35	UK to update INT 3 after current proposed new symbols are implemented	UK
36	To amend B-150 to 'supplementary', in lieu of 'complementary', in respect of INT 1, 2 & 3.	Secretary
37	To complete the columns of the work plan and submit to the WG for review, and subsequently to CHRIS 17 (September 2005). [The revised work plan is at Annex D]	Secretary & Chairman
38	To report on WG activities to CHRIS 17.	Chairman
39	To recover old CSC papers on previous discussions relating to including M-4 as ISO Standard, and distribute to the WG for information.	Secretary
40	To draft CL inviting CSPCWG members to consider attending and hosting CSPCWG 2.	Secretary

Draft CSPCWG Work Plan (November 2004)

- *Tasks and Work Items are pursued in accordance with IHO Work Programme 2003-2007, Programme 3 (Techniques and Standards Support), Element 3.1 Nautical Cartography. In particular, the objectives: 3.1.1.1 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 (3.1.3.1) and the extension of the INT chart scheme (3.1.3.3); task 3.1.1 the revision, development and maintenance of publications, including M-4 (Chart Specifications of the IHO & Regulations of the IHO for INT Charts) and M-11 (Catalogue of INT Charts).*
- *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. This version is an evolution from that produced for CHRIS 16, and shows progress since that plan, and includes draft plans (next milestones and dates) for continuing the work.*

CSPCWG Tasks

- A Revise, develop and maintain Publication M-4 “Chart Specifications of the IHO & Regulations of the IHO for INT Charts”, including creation of version of M-4 (IHO T3.1.1 refers) - *Revised digital version being developed by UKHO.*
- B Revise, develop and maintain Publication M-11 “Catalogue of INT Charts” (IHO T3.1.1 refers) - *New format and content for M-11 agreed with*
- C Review requirement for standardization of International Notices to Mariners (IHO O3.1.3.2 refers) - *Completed. Follow-on work item at A.8.*
- D Development of new symbology (IHO O3.1.3.1 refers).
- E Maintenance of M-4 supplementary publications INT 1, 2 & 3.

Task	Work item	Priority *	Next Milestone	Start Date	End Date	Status **	Contact Person(s)	Affected Pubs/Standard	Remarks
A.2	Revise M-4 Part B Section 100	H	Assess responses to CL 18/2004	2003	2005	O	Sec CSPCWG	M-4 / B-100	CL 18/2004, responses received
A.3	Revise M-4 Part B Section 200	H	Assess responses to CL 17/2004	2004	2005	O	Sec CSPCWG	M-4 / B-200	CL 17/2004, responses received
A.4	Revise M-4 Part B Section 400	H	Review sub-section B-400-409	2005	2006	P	Sec CSPCWG	M-4 / B-400	After A.3 (in sub-sections)
A.5	Revise M-4 Part B Section 300	L	Completion A.4			P	Sec CSPCWG	M-4 / B-300	After A.4
A.6	Revise M-4 Part B Section 500	L	Completion A.5			P	Sec CSPCWG	M-4 / B-500	After A.5
A.7	Revise M-4 Part B Section 600	none	M/S approval to cancel	2004	2005	O	Sec CSPCWG	M-4 / B-600	Lattice charts obsolescent. IHO CL 74/04 refers.
A.8	New specification for Chart Maintenance	L	Receipt of responses to CSPCWG 1 Action 14			P	Sec CSPCWG	M-4	Position in M-4 to be determined
B.1	Review S-48 and amalgamate within M-11	L	IHB to issue CL distributing draft Part A to M/S	2004	2005	O	IHB – M Huet	M-11	IHB to incorporate in M-11 and add to IHO web-site
C.1	Review requirement for the standardization of International Notices to Mariners				2004	C	Chair CSPCWG		Consultation completed; no requirement for INT NMs. See new action A.8
D.1	Review and develop depiction of ESSAs (including PSSAs & ATBAs)	H	IHB CL to M/S to confirm adoption of symbols	2003	2004	O	Sec CSPCWG	M-4 /B-437, INT 1	IHO CL 46/2004 responses – approved by M/S
D.2	Develop new symbology: ASLs	H	IHB CL to M/S to confirm adoption of symbols	2003	2004	O	Sec CSPCWG	M-4 /B-432, 434-436, INT 1	IHO CL 46/2004 responses considered by CSPCWG 1. Amendments agreed.
D.3	Vessel Traffic Services guidance	L	Review of B-480				Sec CSPCWG	M-4 /B-435 & 488	Requirement from IHC XVI, include review under A.4
D.4.1	Review and develop depiction of offshore wind farms (and other offshore renewables)	H	Approval by M/S	2004	2005	O	Sec CSPCWG	M-4, INT 1	IHO CL 59/04 refers – responses requested by 01/01/05

Task	Work item	Priority *	Next Milestone	Start Date	End Date	Status **	Contact Person(s)	Affected Pubs/Standard	Remarks
D.4.2	Review symbology for Restricted Areas (inc Activities Inadvisable)	M	IHB CL to M/S to confirm adoption of symbols	2004	2004	O	Sec CSPCWG	M-4, INT 1	IHO CL 49/2004 for Entry Prohibited. Responses received– approved by M/S. Other proposals not to be progressed at present. New work item required if re-submitted
D.5	Review requirement for Fairway symbology	M	Revised proposal from Finland	2004	2005	O	Vice Chairman CSPCWG	M-4, INT 1	Requirement under review by FI/SE HOs
D.6	Review Wreck depth definitions	M	Review of sub-section B-420 – see A.4			P	Sec CSPCWG	M-4, INT 1	Not started. NL previously supplied information to CSC
D.7	Limit styles, hierarchies, multi-feature lines	L	Draft by AU	2005		P	C Roberts, AU	M-4 B-439	CSPCWG 1 Action 21
E.1	New edition INT 1	H	Responses to IHO CL 74/2004	2003	2005	O	S Spohn, DE	INT 1	In prep - planned for publication mid-2005
E.2	New edition INT 2	M	Publication B-200	2005		P	M de Graaf, NL	INT 2	CSPCWG 1 Action 33 – input required from WG members
E.3	New edition INT 3	M	Implementation new symbols D1, 2 and 4	2005		P	Sec CSPCWG	INT 3	
E.4	Symbols for vacant entries in INT 1	L				P	Sec CSPCWG	INT 1, M-4 part B	

* H = High, M = Medium, L = Low

** P = Planned, O = Ongoing, C = Completed