

4th CSPCWG MEETING
Monaco, 13-15 November 2007

Paper for Consideration by CSPCWG

CSPCWG3 Action 29: Status of INT 1, 2, 3

Submitted by:	Secretary
Executive Summary:	An explanation of how CSPCWG3 Action 29 has been completed.
Related Documents:	Report of CSPCWG3 Report of CHRIS18. IHO publications M4 and P4
Related Projects:	None

Introduction / Background

Extract from CSPCWG3 Report: Status of INT 1/2/3 (CHRIS 18 response)

The Chairman reported on the CHRIS 18 meeting's review of his 'Status of IHO Charts INT 1, INT 2 and INT3' paper CHRIS 18-6.5B (see CSPCWG Letter 04/06). He mentioned the CHRIS Chairman's summary points, which the meeting considered needed some revision, as in red below:

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

The meeting agreed to use some of the wording, when approved, from the CHRIS18 report to insert into M-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.

ACTION 29: Secretary to draft some wording for M-4 and P-4 on the status of INT 1/2/3, derived from the report of CHRIS 18 when available.

Extract from CHRIS18 Report: Status of INT 1, INT 2, INT 3

Referring to CHRIS18-6.5B, Chairman CSPCWG (JONES) pointed out that there is some uncertainty whether INT2 and INT3 are actually international chart publications rather than international standards. The paper provides pros and cons. Currently, the status quo seems to work. In concept, the 3 official language versions of INT 1 could be combined. But, some HOs want to use their own national language.

The Chair highlighted that the WG proposes that the wording of M-4 and P-4 be adjusted. USA-NGA (ANDREASEN) felt that this should be done by IHB, which may take copyright sensitivities into account.

The meeting endorsed the recommendations to include clarifying statements in M-4 and P-4, and provided additional guidance on wording:

- M-4 is the authority for paper chart compilation and therefore represents the “contemporary” or “community” standard for Paper Charts.
- A statement reflecting the ownership and stewardship arrangements for each document.

Outcome:

- The meeting expressed thanks to the producer nations of the documents, i.e. Germany (INT 1, English), France (INT 1, French), Spain (INT 1, Spanish), Netherlands (INT 2), and UK (INT 3), for their continued support.
- The meeting agreed that the INT 1 Sub WG should include consistency checks, and subsequent endorsement, of the relevant documents during its work.

Analysis / Discussion

In fulfilling CSPCWG3 Action 29 and the CHRIS guidance (2006) to include clarifying statements in M-4 and P-4, the following amendments will be made to the next revision of M4 (amendments proposed by CHRIS Chair in red):

B-100.1 M-4 Part B provides an internationally-agreed product specification, for both national and international (INT) charts, at medium- and large-scale.

B-100.3 The role of M-4 Part B is therefore twofold, in that it provides:

- An explanation of the **general concepts and rationale** behind the portrayal of features on charts, much of which is relevant to both ~~digital~~ **electronic** and paper charts.
- ~~Specific guidance~~ **A contemporary community specification for paper charts**, including the use of text and symbology.

B-150 ASSOCIATED PUBLICATIONS

A number of other publications are supplementary to these Specifications. They are available from the IHB **or from the publishing national hydrographic office**. They include INT 1, INT 2 and INT 3, the content of which are detailed in the following paragraphs. For the latest edition dates, and details of publications related to ~~digital~~ **electronic** charts, see P-4, Catalogue of IHO Publications.

B-151 INT 1 — SYMBOLS, ABBREVIATIONS, TERMS USED ON CHARTS

INT 1 provides the chart user with a key to symbols and abbreviations used on paper charts compiled in accordance with the Chart Specifications of the IHO. Although INT 1 may be used by cartographers as a quick reference, these Specifications must be used for detailed guidance. Cross references to the relevant specifications in M-4 Part B are included in the right-hand column of INT 1.

B-151.1 Each Hydrographic Office’s list of symbols and abbreviations must be arranged according to Chart INT 1, which follows the system used in M-4 ‘Chart Specifications of the IHO’. Three official language versions of INT 1 are published by the IHO:• English - ~~produced~~ **published** by Germany• French - ~~produced~~ **published** by France• Spanish - ~~produced~~ **published** by Spain

B-152 INT 2 — BORDERS, GRADUATION, GRIDS AND LINEAR SCALES

INT 2 shows specimens of the various patterns of border graduation and linear scales. INT 2 is ~~produced~~ published by The Netherlands.

B-153 INT 3 — USE OF SYMBOLS AND ABBREVIATIONS

INT 3 is a standard reference chart of a fictitious area with as many examples as possible of the use of these Specifications (M-4 Part B and Part C). INT 3 is ~~produced~~ published by UK.

It is suggested to IHB that the following changes (in red) should be made to the next revision of P-4, page 6:

REGULATIONS OF THE IHO FOR INTERNATIONAL (INT) CHARTS AND CHART SPECIFICATIONS OF THE IHO

Ref: M-4 100Eur

~~Gives chart specifications of the IHO for compiling nautical charts, together with agreed symbols and abbreviations adopted for general use by Member States.~~

M-4 provides:

- a. Regulations for INT Charts.
- b. 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.
- c. A contemporary community specification for paper charts, including the use of text and symbology.

~~Provides also regulations for INT Charts.~~

M-4 is produced in 3 parts as shown below:

Part A - Regulation of the IHO for International (INT) Charts

Part B - IHO Specifications for Medium – and Large – Scale Charts (larger than 1:2M)

Part C – IHO Specifications for Small-Scale Charts (1:2M and smaller)

Originally published in 1988. Regularly maintained. Current version updated to ~~December 2003~~ July 2007. English, French and Spanish versions.

IHO Website X CD-Rom X Printed X (Loose-leaf with hard binder)

M-4 is supplemented by 3 publications INT 1, INT 2 and INT 3, which are described below. Each supplement (INT 1, INT 2 or INT 3) separately: 20 Eur

Chart INT 1 - Symbols, Abbreviations and Terms used on Charts

Provides the chart user with a key to symbols, abbreviations and terms used on charts compiled in accordance with the "Chart Specifications of the IHO". English, French and Spanish versions, ~~published respectively by Germany, France and Spain.~~

Chart INT 2 - Borders, Graduations, Grids and Linear Scales

Shows specimens of the various patterns of border graduation and linear scales. Bilingual English/French/Spanish. ~~Published by The Netherlands.~~

Chart INT 3 - Use of Symbols and Abbreviations

A standard reference chart of a fictitious area with as many examples as possible of the use of these Specifications. English only. ~~Published by UK.~~

Action required of CSPCWG

The CSPCWG is invited to endorse the planned amendments for M-4 and P-4.