



CHART STANDARDIZATION & PAPER CHART WORKING GROUP (CSPCWG)

[A Working Group of the Hydrographic Services and Standards Committee (HSSC)]

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To CSPCWG Members

Date 26 July 2011

Dear Colleagues,

Subject: Actions arising from 7th CSPCWG meeting - Group 1 responses

Thank you to the twenty WG members who responded to WG Letter 05/2011. As usual, I have consolidated the responses, including all the comments, at Annex A. As you will see from the 'Yes' columns in the table, there was a good consensus agreeing with the proposed changes. Even those who answered with a 'No' were generally concerned with some detail(s), rather than rejecting the entire drafts.

I have responded to the comments in blue and adjusted the text as appropriate accordingly. The slightly revised text (in red) is at Annexes B-E. As there was a good consensus and the changes are comparatively minor, I judge there is no need for a further round of discussions.

It is my intention to prepare a revision of S-4 shortly, to include:

- the revised text on 'Foul' agreed by Member States (IHO CL 32/2011 refers).
- the revised text of A-400 and B-128.
- the new section B-151.2

I consider that removing duplications with already approved B-600 and listing 'retired' INT1 numbers are 'clarifications' (in terms of IHO TR 2/2007). Therefore, these do not need to be referred to Member States and can be included into S-4 in the planned revision.

The new sub-section B-100.4 (Annex D refers) may be a more substantive change and I will consider in due course how best to progress this. The revised CSPCWG Principles have been placed on the IHO website.

There is no need to respond to this letter.

Yours sincerely,



Peter Jones, Chairman

- Annex A Consolidated responses and comments to WG Letter 05/2011
- Annex B Action 7: CSPCWG Procedures
- Annex C Action 20: Revision of S-4 A-401 and B-128, consequent on publication B-600
- Annex D Action 22: New introductory wording on 'Primary Purpose of Nautical Charts'
- Annex E Action 25: New B-151.2 on 'Retired' INT1 numbers

CONSOLIDATED RESPONSES TO CSPCWG LETTER 05/2010

CSPCWG7 Action No	Question	Yes	No
7	Do you agree with the proposed changes to the CSPCWG Procedures?	AU, BR, CA, DE, DK, ES, ESRI, FI, FR, GR, IN, JP, LV, NL, NO, NZ, SE, UA, UK, US-NGA, ZA	
20	Do you agree with the proposed changes to Section A-400?	BR, CA, DK, ES, ESRI, FI, FR, GR, IN, JP, LV, NL, NO, SE, UA, UK, US- NGA, ZA	AU, DE, NZ,
	Do you agree with the proposed changes to Section B-128?	AU, BR, CA, DE, DK, ES, ESRI, FI, FR, GR, IN, LV, JP, NO, NL, NZ, SE, UA, UK, US-NGA, ZA	
22	Do you agree with the proposed new section B-100.4?	AU, BR, CA, DE, DK, ES, ESRI, FI, FR, GR, JP, LV, NL, NO, NZ, SE, UA, UK, US-NGA, ZA	IN
25	Do you agree with the proposed new section B-151.2?	AU, BR, CA, DE, DK, ES, ESRI, FI, GR, IN, JP, LV, NL, NO, NZ, SE, UA, UK, US-NGA, ZA	FR

COMMENTS

Chairman's responses in blue

Australia (AU):Action No 20:

- AU does not produce New Editions of paper charts just to promulgate “an accumulation of other data”, but would be interested to know if any other HO does. There is always some navigationally significant data that needs to be incorporated to flag that a New Edition is required. **Agree**. Additionally, the second sentence of A-401.2(b), which states “**It will usually include changes additional to those previously promulgated in Notices to Mariners (NM)**” implies the same thing. **Note that a NM may be only a selection from new source data**. AU suggests that the new suggested wording “**or an accumulation of other data**” is not required. **Agree: removed**. If the decision is taken to retain the wording, suggest that the “or” be amended to “and”. Note that “other data” can also be incorporated at a (Revised) Reprint.

- The second paragraph of A401.2(b) mandates (use of “must”) that the previous edition of the chart be cancelled, but then states that there is an exception. At B-601.4, this is resolved by using “must normally”. Suggest that “must normally” also be used at A-401.2(b). **Agree: ‘normally’ added**.

- AU would prefer to see the exception stated at A-401.2(b) rather than having to go to a separate part of the Specifications to read what could be summarised in one or 2 sentences. Suggest the last sentence of A-401.2(b) be amended to read:

(*Note: The sole exception is where it may be necessary to publish a NE of a paper chart, but still retain the old version for use or reference until a given date. These occasions may include changes to routeing measures or buoyage systems that are being promulgated in advance of the implementation date. See B-621.). **Included a more succinct statement**.

- While AU agrees that the chart user would expect the chart to be fully updated to the edition date, this does not necessarily mean that the production of LNEs is “exceptional”. A HO's chart portfolio may be made up of a fair percentage of charts that have necessarily been produced as LNEs because of the reasons described at the start of A-401.2(c). Suggest that, in order to imply that a LNE should only be produced in particular circumstances, A-401.2(c) begin “**A Limited New Edition (LNE) should only be prepared if there is information ...**”, **Agree: amended** and the new additional text deleted. **Done: supported by other comments.**

Action No 25:

- Is “subject” the best word to use in the first sentence? Based on the Schematic Layout for INT1 which is in the introductory pages, the most appropriate word may be “term” (3rd column). AU would like to suggest the following as possible improved wording for the 1st sentence:

A ‘retired’ (ie previously used) INT1 number must not be reused for a different term, due to the resultant conflict with the number as referenced in other publications or databases.

Agree: reworded accordingly.

France (FR):

Action No 7: “A” was missing at §4.1 : **S-11 Part A and S-49** and may be it should be better to repeat at §4.6 “**IHO TR 2/2007**” rather than **IHO Resolution 2/2007 (or vice versa)**. **Agree: both done.**

Action No 20: France agrees with the proposed changes except for the additional words about Limited New Edition “**A LNE should be exceptional, as the user may expect a chart to be fully updated to the edition date**” because LNE should be considered as a good mean to disseminate quickly information and particularly for safety reason. So, this sentence is not considered useful here. **Deleted as AU comment. Final phrase retained.**

At the end of §A-401.2, a dot is missing after “**More details are given in B-630 to B-635**”. **Corrected**

Action No 25: France suggests considering P7 and P8 as a particular case as the numbers have been reused, and thus, France suggests writing the comment at the end of the list, apart from the table, like a note. **Agreed and done.**

Moreover, France does not agree to consider U5-32 as retired. It has been said these symbols could be employed as national symbols at the convenience of each hydrographic office. In this way, these numbers are still useful. **DE INT1 and ES draft INT1 have removed the former INT1 numbers and inserted national letters instead; this seems the better solution. The symbols that have now been allocated new INT1 numbers are noted separately, to enable NO’s request, see below.**

Germany (DE):

Action 7:

4.1. We should add the part of S-11 for which we are responsible (part A). **Agree: done.** The first sentence of 4.2. has some redundant words in comparison to 4.1. Can we short this a bit? **Agree: done.**

Action 20:

A-401.2b DE supports the comments by NZ and AU. **See relevant AU and NZ comments.**

A-401.2c DE supports NZ comment that the limited changes in a LNE should be promulgated by NM. **See relevant NZ comment.**

Action 25:

In the case of splitting one symbol into two cases (e.g. E26 to E26.1 and E26.2) or combining two cases to one (e.g. E19.1 and E19.2 to E19) with the same subject I would not call this a retired symbol. I would prefer to include in the table only the following symbols:

G

N26

O

P7, P8

S20-25

S30-37

S40-42

U1-32

The specific numbers, whether split or single, are retired and should not be re-used. Therefore all retired numbers must be listed.

Greece (GR);

Action No 7

4.1 We believe that maybe there is an undefined issue in the CSPCWG Procedure proposals. Paragraph 4.1 refers to S-4, S-11 Part and S-49. It is not mentioned which part of S-11 it may concern. Though we believe it may be Part A please confirm that. **Part A is correct and has now been included.**

Action No 22

B-100.4 The AU's proposal refers to the primary purpose of nautical charts, which is the requirements for safe navigation of surface vessels. The proposal of B-100.4 refers that the primary purpose is '... to plan and execute safe navigation'. The Hydrographic Dictionary (S-32) distinguishes the term "navigation" in "surface navigation" (3398) and "underwater navigation" (3399), which is occasionally referred as well as "submarine navigation" (3397). Greece believes that the type of navigation, that represents the primary scope of nautical charts, must be clarified clearly in the text of B-100.4.

We must be careful not to change the meaning of the SOLAS regulation (No 9) being quoted, which refers to 'safe navigation' and does not limit it to surface navigation. Also, the discussion which led to this action was concerned with the need to consider submarine navigation when compiling and maintaining charts. To avoid confusion, therefore, I have added 'non-navigational' at the beginning of the second sentence.

India (IN):

Action No. 20: It appears that we have been trying to justify the existence of B-600 by deleting the contents from Section 400. Agree with removal of word Large Correction. But rest of standard chart terminology could be retained for example New Chart, New Edition and Reprint are well defined at A 401.2. **The terms New Chart, New Edition and Reprint are retained. However, the participants in the CSPCWG meeting considered that the considerable duplication with B-600 in the supporting paragraphs should be curtailed and this has now been approved by the WG members. There is no need to 'justify the existence of B-600'; it has been approved by IHO Member States and well-received by many HOs.**

In our perception there is no need of terms Limited New Edition (LNE) and further Urgent New Edition (UNE) and Priority New Edition (PNE) under B-128, these prefixing words can be used by the respective producer nation in their NMs to prioritize their products. But these words should not be included in the chart standards. **Nonetheless, they are helpful to some HOs and no-one else has raised an objection.**

Action No. 22: S4 Edn. 4.1.0, Section A100 and B103.2 gives enough information about the purpose of Nautical Chart. If required additional information could be added to any one of these. Most of these contents addressed in the respective chapters.

I agree there is some duplication between A-102 and the proposed new sub-section. However, Part A is the Regulations for INT charts and these paragraphs are placed there to **distinguish** the purpose and needs of **international** (INT) charts **from national** charts. It is in the Chart Specifications (ie Part B), that a cartographer would expect to find some brief mention of the

purpose of nautical charts in general. B-103.2 addresses another subject entirely (ie the scope of the specifications). There is a clear consensus that the proposed sub-section is useful.

New Zealand (NZ):

Action No 20:

Comment [j1] on A401.2 b: We think a new edition should always contain changes significant to navigation, even if they are only NtMs. We are not sure why you would issue a NE for only an ‘accumulation of other data’ where there are no NtMs or other changes significant to navigation. [See AU comment.](#)

Comment [j2] on A401.2 b: The additional line ‘Once cancelled, a previous edition must not be used, in accordance with SOLAS carriage-compliance.’ is not required because section B-601.4 explains this. Section A-401 is a summary, with more detail in B-601. [This is retained here to emphasize its importance \(not just for the cartographer, but in case our guidance documents are cited in court, especially considering recent legal considerations of an incident\).](#)

Comment [c3] on A401.2 c: We disagree with the additional sentence ‘A LNE should be exceptional, as the user may expect a chart to be fully updated to the edition date’. We issue LNEs for the reasons explained in the start of A401.2 c and describe them as a limited new edition in the promulgating NTM. LNEs can make up over a third of all NEs we publish, so they are not exceptional. [See AU comment. How HOs describe them in the promulgating NM is a matter for individual HOs. UKHO considers that it is better not to distinguish different types of new edition in the promulgating NM, but rather summarise the main changes which have been included in all NEs. It is important not to undermine the principle that all NEs cancel former versions.](#)

A-401.3: Remove ‘the’ before ‘Limited New Edition’. [Agree: done.](#)

Comment [c4] on B-128d: We agree.

Norway (NO)

Action 20:

A-401.2 a. NC.

If there along with the New Chart are previous charts to be permanently withdrawn and no longer maintained by NM; this should be made clear to all users in the announcement of the NC.
[I fully understand why NO have suggested this and I have drafted a sentence to comply.](#)

A-401.2 b. NE. Exceptionally, a charting authority may issue a New Edition including only Notices to Mariners. *Charting authorities should be strongly encouraged to stop issuing Reprints as New Editions.*

[This may be a valid point, but is going beyond a clarification to a change of guidance. It requires further discussion; does NO wish to explain further in CSPCWG8 with a view to removing this exception?](#)

A-401.2 c. LNE. because of the geographical extent or complexity of the information, or where there are other reasons to produce a NE to short time scales. *An example should be given to show what kind of information we are dealing with in this paragraph.*

[The fuller text at B-601.5 refers and should not be duplicated here. A cross reference has been included.](#)

Action 22:

B-100.4 The primary **purpose of nautical charts** (as defined in SOLAS, see B-102) is to provide the information required to enable the mariner **to plan and execute safe navigation.**

*Safe navigation should be changed to **safe surface navigation**, since the next paragraph is dealing with sub-surface operations.*

[See GR comment.](#)

Action 25:

Some retired numbers are just divided into n.1 and n.2. To avoid confusion I would like to have had an additional column showing what such retired numbers have been replaced by.

[Agree: done.](#)

Sweden (SE):

Action No 7: S-11 Part '(A)' and S-49... [Agree: done.](#)

Action No 22:

Additional information to suit other requirements, [eg:](#) sub-surface operations (military, research, fishing etc); natural resource exploitation; recreation; port development, [may](#) be included on nautical charts if considered [useful or](#) necessary by the producing authority. [However](#), this must not be done at the expense of clear portrayal of navigationally [significant](#) information. [\[SE Comment: Perhaps something should be mentioned about International Boundaries and National Limits since navigational charts are often a coastal states official way of publishing such information\].](#)

[Agree: added](#)

South Africa (ZA):

Action No 7:

Para 4.12nd line. Amend: S-11 Part **A** and S-49. [Agree: done.](#)

It is also recommended to include this part within the brackets (see para 4.9). **S-11 Part A is not a supplementary document of S-4, therefore should not be in the brackets.**

CSPCWG7 – ACTION 7
CSPCWG PROCEDURES

(Updated 2011, following CSPCWG7 meeting)

1. Correspondence

- 1.1. The working **language** of the Working Group (WG) shall be English.
- 1.2. Correspondence (including formal CSPCWG letters) will normally be by email (except where fax is necessary for sending non-digital graphics). Respondents are encouraged to use the 'Reply to all' option for responses, to ensure the full Working Group membership is aware of developing discussions.
- 1.3. It is necessary to ensure that personal address lists are updated when updated membership and contact lists are issued from time to time. These are dated and posted on the CSPCWG section of the IHO website.
- 1.4. Hard copies of CSPCWG correspondence will only be posted if specifically requested by a WG member
- 1.5. Significant correspondence will be supplied to other HSSC WG Chairmen and/or Secretaries as appropriate, for their WGs' information and seeking their input.

2. Timescales

- 2.1. Except where there is good reason for shortening the timescales, **8 weeks** will normally be allowed for responding to the first correspondence on a new subject. Thereafter, **4 weeks** will be allowed for responding to further correspondence on the same subject. The Chairman may extend the times allowed for complex issues at his discretion. The Secretary will ensure that the response date (if any) is clearly shown on all correspondence.

3. Meetings

- 3.1. Meetings will be held at least once every two years. During the revision of S-4, while activity in the WG is high, meetings will be held approximately annually. A meeting should last approximately three days.
- 3.2. It is important to have issues which would benefit from a face-to-face discussion on the agenda, which may not be known until near the meeting time. However, the venue and date of the next meeting shall be considered at the previous meeting, in order to facilitate participants' travel arrangements.
- 3.3. Meetings will be held either by invitation of a WG member, or at the IHB in Monaco. If more than one invitation is available, the venue will be agreed by vote at the earliest opportunity.
- 3.4. CSPCWG Meetings will not be held in the 9 week period before an HSSC meeting.

4. Publications

- 4.1. CSPCWG is responsible for maintaining IHO publications S-4 (**The International Chart Regulations and Specifications**) and its supplementary documents, S-11 Part A and S-49. The principles and procedures for making changes to IHO technical standards and specifications are set out in IHO TR 2/2007 and apply to CSPCWG documents. However, for S-4, the existing approval arrangements set out in B-160 of S-4 and accepted by Member States remain in force until the current major revision of S-4 is completed, which is expected in 2012. This is to avoid changing a well-established and accepted practice midway through the revision process (IHO CL 87/2010 refers).
- 4.2. The principal task of CSPCWG at present is to update S-4. This is being progressed by sections with drafts prepared by Chairman and Secretary in 'MS Word' format, changes shown as 'track changes'. Where specific guidance is required, WG members may be asked to vote on their preference in an annex to the draft.

- 4.3. Feedback from WG members within the timescales above is considered by the Chairman and Secretary and incorporated into a revised draft as appropriate. Further drafts are circulated, until no further or minimal amendments are suggested.
- 4.4. Sometimes, after more than one round, the document becomes too big to be easily conveyed by email. In such cases, the Secretary may break it into parts, or if that does not solve the problem, arrange for the version, complete with track changes, to be posted on the IHO website as a pdf file.
- 4.5. The secretary then prepares an 'InDesign' pdf file, including the final graphics and layout, which is circulated to IHO Member States (under IHO CL) for comment and endorsement in accordance with S-4 B-160. A period of three months is allowed. A final version is prepared by the Secretary, taking account of any comments, and promulgated by a second IHO CL.
- 4.6. The Secretary supplies to IHB by email:

- **A pdf file of the revised section.** This will be available to download and incorporate into any extant hard copies, by replacing just the revised section.
- **A pdf file of the complete S-4**, which is given a new edition or revision number 'n.n.n'.

Note: From 2011, version control numbering to identify changes (n) to IHO technical standards and specifications, including S-4, was standardized as:

- New Editions denoted as n.0.0
- Revisions denoted as n.n.0
- Clarifications denoted as n.n.n

An explanation of these terms can be found in IHO TR 2/2007. Unless urgent, clarifications will await inclusion at the next new edition or revision. A new edition or revision may also include minor editorial corrections at the discretion of the Chairman. Significant clarifications outside the revised section will be advised to IHO Member States in the covering IHO CL.

- **A MS Word version** of the revised section (if there is one) which has new text highlighted in colour (and deletion retained as track changes). This copy is primarily intended to assist translators, but is useful to show what has been changed. In this version, formatting and graphics have not been updated.
- 4.7. All the above are posted on the IHO Website, the Word version being password protected for use only by IHO Member States. IHB issues a CL to announce the new edition and explain the changes, also drawing attention to any significant changes outside the revised section.
 - 4.8. IHB make and retain a CD of each new edition of S-4, as an international archive of the development of S-4.
 - 4.9. CSPCWG is also responsible for maintaining S-11 Part A and S-49. Any changes will be progressed in a similar way to the above, although the final documents may be produced in different formats from that used for S-4, eg MS Word. Any major revision of these documents may be facilitated by the establishment of a subWG.
 - 4.10. Official INT1 revisions are undertaken by France, Germany and Spain. They consult within the INT1 subWG, with the aim of achieving consistency (eg in English terms and descriptions). New editions are announced by IHO CL. Notice to Mariner updates are posted on the IHO website, with links from the Publications download list and an announcement via a banner on the Homepage.
 - 4.11. INT2 and INT3 are published by Netherlands and UK respectively, on behalf of IHB. Raster files are provided to IHB for display in a password protected section of the IHO Website.
 - 4.12. The CSPCWG is the authority for all terms and descriptions used in official S-4 supplementary publications. This authority is delegated to the INT1 subWG for INT1, and to the producers of INT2 and INT3, except where they deem it necessary to refer

to the whole WG. Terms and descriptions in S-4's supplementary publications must be strictly in accordance with the specifications agreed by IHO Member States for incorporation into S-4. In INT1 however, they may be abridged to provide only the information essential to the chart user.

- 4.13. WG members are encouraged to advise the Secretary at any time of errors or omissions noticed in publications or information messages for which CSPCWG is responsible.

SECTION 400 MAINTENANCE OF INTERNATIONAL CHARTS

A-401 GENERAL

A-401.1 Chart maintenance is the process of examining relevant data as it is received and taking appropriate action to ensure that all information required for safe navigation is incorporated in the charts in use. Detailed guidance on chart maintenance is given in Part B, Section 600.

A-401.2 The following terms are used when referring to the issue and updating of charts; and in these Regulations are defined and explained in more detail in B-601:

a. A **New Chart (NC)** is the first publication of a nation's chart which may be additional to existing cover and will not usually supersede existing charts on a one for one/ scale for scale basis. (If an existing chart is cancelled by a NC, that chart must no longer be maintained by NM; this should be made clear to all users in the announcement of the NC. Once cancelled, it must not be used, in accordance with SOLAS carriage-compliance).

Additional to B-601.3; so we will also include there in the revision of S-4.

b. A **New Edition (NE)** is a new publication of an existing chart, containing changes significant to navigation ~~or an accumulation of other data~~ which will normally have been derived from more recent information. It will usually include changes additional to those previously promulgated in Notices to Mariners (NM). However, it should be noted that parts of the chart may remain unchanged. Exceptionally, a charting authority may issue a New Edition including only Notices to Mariners.

The previous edition must normally be cancelled* and no longer be maintained by NM; this should be made clear to all users in the announcement of the NE. Once cancelled, a previous edition must not be used, in accordance with SOLAS carriage-compliance. (*Note: the sole exception is when promulgating major changes in advance of the implementation date, see B-621).

Additional to B-601.4; so we will also include there in the revision of S-4.

c. A **Limited New Edition (LNE)** should only be prepared if there is information which needs to be included on a chart quickly, but which cannot be promulgated by Notice to Mariners (NM) or NM Block, because of the geographical extent or complexity of the information, or where there are other reasons to produce a NE to short time scales (see B-6015). ~~A LNE should be exceptional, as Note that~~ the user may expect a chart to be fully updated to the edition date.

d. A **Reprint** (also called Revised Reprint, see A-404) is a new print of the current edition of a chart incorporating no amendments of navigational significance other than those previously promulgated in Notices to Mariners (if any). It may, however, contain amendments from other sources provided they are not essential to navigation, noting that previous printings of the current edition of the chart remain in force.

e. **Notices to Mariners (NM)** are used for the prompt dissemination of information which is safety-related or which otherwise needs to be advised to the mariner urgently. They include:

- Chart-updating (permanent) textual NM.
- NM block (also called a Chartlet or Patch).
- Temporary (T) NM.
- Preliminary (P) NM.
- Miscellaneous notices.

More details are given in B-630 to B-635.

A-401.3 Charts must be maintained by the issue of New Charts, New Editions and Notices to Mariners (NM). Nations which employ the Limited New Edition and / or Revised Reprint in their amendment procedures may also use these for international charts.

A-401.4 Each nation, in the role of either producer or printer, will accept responsibility for the operation of a system to ensure adequate maintenance of any international chart included in its national series. The required level of maintenance is determined largely by the rate at which significant new information is received. Receipt of new data is not normally predictable so it is rarely feasible to operate on the basis of regular maintenance programmes. Usually the primary factor that determines the frequency of action is rate of change of the critical data in the chart that affects safety of navigation.

A-402 NEW CHARTS, NEW EDITIONS AND OTHER CHART UPDATES: RESPONSIBILITIES

A-402.1 The responsibility for initiating the issue of a replacement New Chart, a New Edition, or other chart update normally rests with the producer nation. Any other IHO Member State receiving data which might give rise to a chart update should immediately pass it to the producer nation for action. IHO Member States should also liaise with their national institutions to obtain relevant data in order to provide it to the appropriate INT Chart Producer Nation for action.

A-402.2 Producer nations must give advance notification in NMs of their intention to replace an existing chart by New Chart or New Edition (including Limited New Edition). Each printer nation should take appropriate consequential action to keep its adopted national version of the chart in line with the producer's and will request repromat if required. Alternatively, a bilateral arrangement may be made for the automatic supply of repromat.

A-402.3 On receipt of a Limited New Edition, a printer nation which does not use that classification may issue the amendment to the adopted version as a New Edition.

A-402.4 Producer nations must indicate to printer nations those charts whose New Editions include Notices to Mariners only (see A-401.2b).

A-402.5 Printer nations should arrange with producer nations for the automatic supply of repromat of NM Blocks affecting all charts adopted by the printer nation.

A-403 NOTICES TO MARINERS - PROCEDURES

A-403.1 For detailed guidance on the Notice to Mariners (NM) system, see B-630. The issue of NM for international charts must be in accordance with the procedures detailed in A 403.2 to A-403.10 below.

Chairman's comment (not part of revision): The rest of A-403 to 404 may require some revision due to changing practices since its last revision in 2000. However, this would need further discussion and may have other impacts throughout Part A. It is not appropriate to do this in the context of slimming down A-400 in line with the already approved definitions in B-600. It may be a future work item, when we have finished the revision of Part B. A few minor editorials to reflect our standard terms will be made by the Secretary.

B-128 TERMS USED WHEN ISSUING CHARTS

The following terms are used when referring to the issue of charts. For a full definition and explanation of the terms, see B-601.

a. **New Chart (NC)**

b. **New Edition (NE)**

c. **Limited New Edition (LNE)**. May also be called Urgent NE (UNE), Priority NE (PNE), NE in lieu of NM Block (NEILOB) and possibly other terms. The term Large Correction should no longer be used.

d. **Reprint**. May also be called Revised Reprint. The term Corrected Reprint should no longer be used.

CSPCWG7 - Action 22

Draft addition to S-4.

B-100.4 **The primary purpose of nautical charts** (as defined in SOLAS, see B-102) is to provide the information required to enable the mariner **to plan and execute safe navigation**. In constructing charts and selecting content it is therefore important to understand the mariner's need for appropriate, relevant, accurate and unambiguous information. Particular care must be exercised to avoid errors and the creation of situations where the mariner may be faced with too much information (chart clutter) or irrelevant information which causes confusion or distraction.

Additional information to suit **non-navigational** requirements (eg: sub-surface operations (military, research, fishing etc); natural resource exploitation; recreation; port development; **international boundaries and national limits**) may be included on nautical charts if considered useful or necessary by the producing authority. However, this must not be done at the expense of clear portrayal of navigationally significant information. On paper charts, the cartographer's expertise in design and selection, biased towards safety, is essential to achieve the required clarity. The format of electronic charts allows detail additional to that shown on the paper chart, specific to navigation using Electronic Chart Display and Information Systems (ECDIS), to be included.

CSPCWG7 – Action 25***Draft addition to S-4.***

- B-151.2** A 'retired' (ie previously used) INT1 number must not be reused for a different **term**, **due to the possible resultant conflict with the number as referred to** in other publications or databases.

The following is a list of known retired numbers:

Retired number	Term	New number (if there is one)
E19.1	Christian cemetery	
E19.2	Non-Christian cemetery	
E26	Windmotor	E26.1
F19	Designation of berth	F19.1
G	Entire section: Topographic terms	
J9	Rock, Rocky	J9.1
J12	Two layers (of seabed characters)	J12.1
J20.1	Areas with stones or gravel	J20
J20.2	Small area with stones or gravel	
L42	Buried pipeline/pipe	L42.1
M40	Radio reporting points	M40.1
N26	Historic wreck	
O	Entire section: Hydrographic terms	
P40	Sector light on standard charts	P40.1
S20-25	Decca symbols	
S30-37	Loran C symbols	
S40-42	Omega symbols	
U1.1	Boat harbour, Marina	F11.1
U1.2	Yacht berths without facilities	F11.2
U2	Visitors' berth	F19.2
U3	Visitors' mooring	Q45
U4	Yacht club, sailing club	F11.3
U5-28	Various small craft facility symbols	National letters
U29	Caravan site	E37.1 or E37.2
U30	Camping site	E37.2

Note, however, that contrary to the above guidance, INT1 Section A numbers have been rearranged several times over the years and P7 and P8 have already been reused for something different from their original allocation.