



IHB File S3/8151/EUWG

**CIRCULAR LETTER 30/2011
06 May 2011**

STATUS OF TEMPORARY & PRELIMINARY ENC UPDATES PRODUCTION

Reference: IHB CL 09/2011 dated 31 January - *Guidelines for Encoding Temporary and Preliminary ENC Updates*

Dear Hydrographer,

1 There are 51 Member States publishing ENCs directly or through arrangements with other States. The Directing Committee would like to thank the following 43 Member States that answered the Reference which sought to determine the status of temporary and preliminary ENC updating procedures for each country and to find out how the guide in Annex B to S-65 is being put into practice: Argentina, Australia, Belgium, Brazil, Chile, Colombia, Croatia, Ecuador, Estonia, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Japan, Korea (Rep of), Latvia, Mexico, Morocco, Netherlands, New Zealand, Norway, Papua-New-Guinea, Peru, Poland, Portugal, Romania, Russian Federation, Singapore, Slovenia, South Africa, Spain, Suriname, Sweden, Thailand, Turkey, Ukraine, United Kingdom, United States, Uruguay and Venezuela.

2 The replies show that of the 43 Member States that responded:

- 39 Member States¹ publish temporary (T) and preliminary (P) notices to mariners (NM) for paper charts, and of those, 31 Member States also produce ENC (ER) equivalent updates.

- of the eight Member States who produce NM (T) and (P) for paper charts but who do not presently produce equivalent ENC updates, seven expect to do so in the near future. This will then result in at least 80% of ENC publishing States being in conformity with the recommendations in S-65 Annex B.

Member States' detailed replies are provided in the Annex to this letter.

3 The comments provided by Member States, aimed at improving the Guidelines for encoding temporary and preliminary ENC updates contained in S-65 Annex B have been forwarded to the EUWG. At this stage, the Chairman of the EUWG considers it prudent to wait for States to acquire more experience before making further amendments to S-65 Annex B. However, following the comments from the UK, the guidelines will be amended through a clarification so that the recommendation concerning the use of EXSPOU with attribute value 2, is harmonized with the associated ENC encoding bulletin N° 27. Meanwhile, the EUWG and the TSMAD are studying the

¹ For those Member States whose cartographic production is delegated to another State, the status of the production of the delegatee State has been considered.

possibility of integrating the guidelines into the Appendix of S-57 "Use of the Object Catalogue for ENC".

4 **Conclusion.** The outcome of the study indicates that the situation regarding temporary and preliminary ENC updates production is evolving most favourably; however, the status is still unknown for eight Member States that publish ENCs. Nevertheless, in the near future at least 80% of ENC publishing States will be issuing ENC updates in conformance with the guidelines in Annex B to S-65.

5 **Recommended Action.** The Chairman of the EUWG has emphasized the importance that mariners are made fully aware of the status of the temporary and preliminary ENC updates production for each ENC producer country - especially for those not conforming to the IHO S-65 guidelines. Member States and RENCs, in copy of this Circular Letter, are therefore encouraged to ensure that such information is made easily available to mariners relying on their ENCs.

6 The Directing Committee would like to thank the EUWG for its contribution in producing consistent guidelines and encourages ENC publishing States to continue their efforts in issuing temporary and preliminary ENC updates in accordance with those guidelines.

On behalf of the Directing Committee
Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Robert Ward', is centered on the page.

Robert WARD
Director, IHB

Annex: Member States' Comments in Response to CL 09/2011

Status of T&P ENC Updates Production

MEMBER STATES' COMMENTS IN RESPONSE TO CL 09/2011

Question 1: Do you produce Temporary (T) and Preliminary (P) Notices to Mariners (NMs) for paper Charts?

Note: T and P NMs for paper charts are described in IHO publication S-4 Part B-600 "Chart maintenance".

Responses to Question 1:

YES (36)	NO (7)
Argentina, Australia, Belgium, Brazil, Chile, Colombia, Croatia, Ecuador, Estonia, Germany, Finland, France, Iceland, Japan, Korea (Rep. of), Latvia, Mexico, Netherlands, New Zealand, Norway, Papua New Guinea, Peru, Poland, Portugal, Romania, Singapore, South Africa, Spain, Suriname, Sweden, Thailand, Turkey, Ukraine, UK, Uruguay and Venezuela.	Greece, Ireland, Italy, Morocco, Russian Federation, Slovenia and USA.
Member States comments	
Italy: We do not produce T&P NMs for our paper charts ; however in the Italian NMs Booklet there is the section C1 "Nautical Information" where the mariners can find the same information as T&P NMs. Every notice is pertinent to different paper charts covering the same geographic area.	
EUWG Chairman's comments	
<i>In the counting of responses, Italy has eventually been counted as YES noting the above comment. Ireland and Morocco have also been counted as YES, considering the production status of the relevant delegatee States. This has resulted in 39 YES and 4 NO, as reflected in section 1 of this circular letter.</i>	

Question 2: If you answer "Yes" to question 1, do you promulgate the equivalent of the T and P NMs for paper charts via ENC updates (via ER application profile)?

Responses to Question 2:

YES (29)	NO (8)
Argentina, Australia, Belgium, Brazil, Chile, Ecuador, Estonia, Germany, Finland, France, Croatia, Latvia, Mexico, Netherlands, Papua New Guinea, Peru, Poland, Portugal, Singapore, South Africa, Spain, Suriname, Sweden, Thailand, Turkey, Ukraine, UK, Uruguay and Venezuela.	Colombia, Iceland, Italy, Japan, Korea (Rep. of), New Zealand, Norway and Romania.
Member States comments	
Australia: Australia has provided a full update service equivalent to T&P NMs for paper charts via ENC Updates since Jan 2011 in accordance with the EUWG guidance published in IHO Publication S-65. All outstanding T&P equivalent Updates have been applied retrospectively to our entire ENC portfolio.	

YES (29)	NO (8)
<p>Belgium: The T&P NMs for paper charts which contain important navigational information will be equivalent promulgated.</p> <p>Brazil: Work is in progress to make available all the T&P NMs as ENC updates via ER application profiles.</p> <p>Chile: To date, the T NMs issued by SHOA do normally not have any deadline. This situation is under study.</p> <p>Colombia: ENC updates under the ER profile are not made for issuing Temporary Warnings. Only when the ENC is concerned by the Permanent NMs, an update of the ENC is generated on the basis cell. We do not take into account the Temporary NMs, given the short delay and the type of allocation of such NMs.</p> <p>Ecuador: Implementation of this updating has started this year.</p> <p>France: Implemented since February 2010, in accordance with Annex B to S-65.</p> <p>Ireland: Paper charts and ENC's for Irish waters are produced by UKHO.</p> <p>Italy: Though we don't produce T&P NMs for paper charts, we publish P NMs for ENCs (via ER application profile) only when the information is related to new/change Traffic separation schemes. We follow the recommendations reported in the IHO S-57 Encoding Bulletin E25_April 2009.</p> <p>Korea (Rep of): Generally does not apply, that the editors think is important to reflect.</p> <p>Mexico: Only in the Preliminary Notices, for example in harbors being planned. In the Paper Charts should be updated the aids being used and those being not used. In the Temporary Notices, we do not modify the information of the chart.</p> <p>Netherlands: P & T notices will be included if necessary, but is considered case by case.</p> <p>Norway: The ER-production for T&P is not fully operational. For the time being we are performing some tests that are expected to continue for 3-4 months. An internal production set up is finalized.</p> <p>Papua New Guinea: Australia as our Charting Authority receives our normal T&P for Chart Maintenance.</p> <p>Peru: When T&P updates equivalent to the paper charts exist, they are encoded with the correspondent attributes, in which the validity delays for the NMs are mentioned.</p> <p>Poland: Yes, we do. We derive them from paper NMs or directly from source data, if necessary.</p> <p>Suriname: Temporary NMs are not updated in charts; only the Preliminary NMs. T NM information is issued through radio broadcast and internet. Suriname will produce it's first ENC in 2011, and will include T NM and P NM depending on the period the NM is published for.</p> <p>Sweden: Since 2009 Swedish ENCs are including T&P updates corresponding to T&P NMs. If the information in a T&P NM is NOT possible to show in ENC the text "Not shown in ENC" is printed in the bottom of the NM. Our experience is that the mariners still have difficulties to find the Text information in the ECDIS due to poor ECDIS training and, in many systems, to complicated mechanisms.</p> <p>Thailand: HDRTN promulgates NMs and P NMs via ENC updates. T NMs are not included in an ER file.</p> <p>Turkey: TN-ONHO issues ENC updates equivalent to T&P NMs for paper charts which are to be cancelled with further ENC updates.</p> <p>UK: Promulgation of the ENC Updates are synchronised to agree with those of the equivalent paper chart.</p> <p>Uruguay: ENC updates for the Temporary and Preliminary Updates are presently made, including them in the ordinary updates.</p>	

YES (29)	NO (8)
<p>EUWG Chairman's comments</p> <p><i>In the counting of responses, Ireland and Morocco have been counted as YES, considering the production status of the relevant delegatee States. This has resulted in 31 YES and 8 NO, as reflected in section 1 of this circular letter.</i></p>	

Question 3: If you answer "No" to question 2, please indicate when you plan to produce T and P updates for ENC via ER application profiles as recommended in Annex B to S-65?

Responses to Question 3:

Member State	Year
Colombia	/
Iceland	2012
Italy	2012
Japan	2012
Korea (Rep. of)	2012
New Zealand	2012
Norway	2011
Romania	2011

Member States comments

Colombia: ENC cells are presently being issued with Permanent NMs; after some time, these NMs are uploaded in the cells. If the NM is relevant so much that it has an implication on the integrity of the mariner or the environment, an update is undertaken and immediately divulged.

We do not specify any particular year for the implementation of ER profiles in the case of Temporary NM. For the moment, we do not count on software and training enabling us to generate ER profiles for an ENC.

To meet the demand of Temporary NMs, these latter (T) are subject to a follow up and analysis so that if the ENC is not functional anymore because of the type of temporary application, the type of application and the corrective measures to be taken will be published in our web page and in the means used to disseminate information to the mariners, till the corresponding update is generated.

Iceland: It is expected to start updates for ENC via ER in beginning of year 2012.

Ireland: Paper charts and ENC's for Irish waters are produced by UKHO.

Italy: We are changing our work flow and we are using new software. As a consequence we will create a geographic database that will help us to maintain the data, but we need a training period to check and to improve the new work flow and to practise with new software.

Mexico: There is a need to define clearly the attributes of the buoys, beacons, reconstruction of the oil platforms which are in and out of service for some periods of time, as they generate problems while validating the ENCs.

New Zealand: Due to resource constraints and building our technical capability we will not be in a position to produce T&P updates for ENC until Q4 2012 at the earliest.

Norway: Fully operational production by July.

Russian Federation: The subject is under study.

Member State	Year
USA: NOAA does not intend to produce T&P updates to ENC's for the foreseeable future.	

Question 4: Do you think that the *Guidelines for Encoding T&P ENC Updates* (Annex B to S-65) provide sufficient guidance on how to encode T and P NMs via ENC updates?

YES
<p>Australia, Belgium, Brazil, Chile, Colombia, Croatia, Ecuador, Estonia, Germany, Finland, France, Greece, Italy, Korea (Rep. of Korea), Latvia, Netherlands, Norway, New Zealand, Poland, Portugal, Romania, Russian Federation, Singapore, Slovenia, South Africa, Spain, Suriname, Turkey, Ukraine, UK, Uruguay and Venezuela.</p>
<p align="center">Member States comments - Improvements which could be made</p> <p>Australia: Further advice and improvements on the current guidance can only be obtained with experience. Any such advice should be forwarded to EUWG for consideration.</p> <p>Chile: It is important that a Spanish edition be made available for use by Latin American countries.</p> <p>Colombia: Maybe a connotation of recommendation should not be given to it, but instead try to convert it into rules to be followed for the update and issuance of NM for ENC.</p> <p>Even if the rules for the application of NM in the paper charts - "Part B-600" - are known, these cannot be applied specifically to the ENC matters.</p> <p>UK: The advice for attributing soundings shoaler than the surrounding dredged area with EXPSOU=2 is now out of date. UK has devised a national policy for these instances (UKHO ref. ENC Clarification No.39).</p> <p>With the over use of CTNAREs, the use of New Object for T&P NMs would dramatically reduce the total of "whole cell" CTNAREs. Subject of a paper to TSMAD22 (April 2011).</p> <p>Latvia: Yes for now, but improvements should be made when new issues arises, as more countries start to encode T&P NMs, more questions or different situations will arise to be solved differently than described now.</p> <p>Mexico: As publication S-65 is very general, it is necessary to determine those attributes which must be included as T&P NMs for ENC validation.</p> <p>Norway: As a superior guidance.</p> <p>New Zealand: The Guidelines for Encoding T&P ENC Updates (Annex B to S-65) provides a good framework for (T) an (P) ENC updates.</p> <p>Sweden: The layout could be improved to facilitate quick search, perhaps in the form of a lookup table. Following information should be added :</p> <ul style="list-style-type: none"> - Information about how to deal with T&P NMs which is not possible to show in ENC. - Recommendations on how to inform the mariners about the national policy concerning T&P information.
NO OPINION
<p>Argentina, Ireland, Iceland, Japan, Morocco, Papua New Guinea, Thailand, USA</p>