



# 65th Nordic Hydrographic Commission Meeting

26 - 27 April 2022

Stavanger, Norway

## B.1.1 NHC

# T&P and the need for harmonization





## Background

Traditionally Temporary and Preliminary (T&P) NtoMs would be applied to paper charts in pencil by the mariner due to their non-permanent nature.

With the development and mandation of the use of ENC's S-57 Appendix B1 Annex A (The Use of the Object Catalogue) section 2.6 includes the following advice for the application of T&P NtoMs on digital ENC's:

*It is strongly recommended that Producing Authorities promulgate temporary navigationally significant information by ENC Update to provide the ECDIS user with an updated SENC. This service corresponds to the service that (T)NMs offer to the paper chart user.*

*It is strongly recommended that Producing Authorities promulgate preliminary navigationally significant information by ENC Update to provide the ECDIS user with an updated SENC. This method of delivery corresponds to the service that (P)NMs offer to the paper chart user.*





## DGA policy for the inclusion of P&T NtoMs in ENC's

Following an internal review DGA has adopted the following policy with regard to the inclusion of T&P NtoMs on it's ENC's:

- It is accepted that there will be variation between the paper and digital product and that in many cases the ENC will lead as a primary product and the paper chart will be secondary:
- All T NtoMs which last more than 1 month are considered for ENC correction.
- All "Until further Notice" T NtoMs are considered for ENC correction.
- All P NtoMs are considered for ENC correction dependant on the likely impact to the end user.
- DGA is investigating the possibility to publish a weekly list of those T&P NtoMs that have not been promulgated as an ENC correction.
- The attributes SORIND (Source indication) and SORDAT (source date) are used to indicate ENC features amended/inserted as a result of T&P NtoMs
- Where the dates are known for a change this is indicated by the use of the temporal attributes 'DATSTA' and 'DATEND'





## Status DGA

This approach/policy has resulted in 53% (Q1 2022) of the P&T NtoMs issued by DMA being included on DK ENC's.

47% are still not actioned. These include almost 20% that last for less than 1 month, together with those announcing coastal reinforcement work, routine seabed/geotechnical survey work and routine dredging work.

It should also be noted that one of the issues raised by INTERTANKO (Paper to HSSC8-05.3D) is the lack of information regarding which P&T NtoMs have been included on the ENC's. Therefore DGA has considered a publication of a weekly list stating which P&T NtoMs have on DK ENC's to better inform the mariner.

Historically delivery of updates to the end user has taken a significant amount of time, although with the growth of the use of online services it is possible for mariners to access ENC updates more frequently. Moves within the industry to increase the frequency of promulgation of digital updates have been announced and therefore we consider the implications of updating ENC's for changes that last for less than 1 month.





## Recommendation

Taken into consideration:

- Different MS have different guidelines/policies for the inclusion of P&T NtoMs in ENC's
- Different policies result in uncertainty among the mariners with regards to what kind of information that is included in ENC
- More frequent updating of ENC due to updating with P&T is expected to increase this uncertainty

**In order to minimize this uncertainty it is therefore recommended that the NHC MS initiate activities with the aim to harmonise the policies for inclusion of P&T NtoMs in ENC's.**

**The NHC NCPEG seems to be the best EG to carry out this work**





## **Action requested of NHC 65.**

The NHC 65 is invited to:

- a. Note the report;
- b. Discusses the challenges with regards to P&Ts in ENC and the need for harmonization between MS
- c. Discuss the possibility to task the NCPEG to analyse the present policies and make recommendations on harmonised policies for inclusion of P&T NtoMs in ENCs
- d. Take any other action as appropriate.

