

2nd NCWG MEETING
Monaco, 26-29 April, 2016

Paper for Consideration by NCWG
Limitations in P/T presentations in ENC

Submitted by:	Sweden (SE)
Executive Summary:	Discuss and suggest a solution for presenting T/P notices in ENC
Related Documents:	S-57 Appendix B.1 Use of the Object Catalogue for ENC
Related Projects:	None

Introduction / Background

During 2015 the Swedish Maritime Administration made several visits to different Swedish ships to discuss and collect information about our published nautical products. Several products and issues were discussed, however there was one common issue that arise on board all vessels. We asked, amongst other things, what they thought about our presentation of P/T-notices in their ENC.

As specified in S-57 Appendix B.1 Use of the Object Catalogue 2.6.2, Sweden often see the need to use caution areas to present P/T-notices. It was obvious that none of the vessels visited knew exactly what the caution areas included. All did however know that there was something in the area to be careful about. The biggest problem for all, but mostly expressed by the navigators that understood the meaning of caution areas, was the large amount of caution areas (CTNARE) in our ENC, as well as in other countries ENCs. This made it impossible for the mariner to keep track and control all the caution areas in their planed route.

With this information we identified two problems. One is in the presentation of our P/T notices and the other, in what way we use caution areas.

Analysis / Discussion

We have identified three questions that need to be discussed:

- 1) Presentation of P/T notices:
 - a. How do we present P/T notices around the world? SE has now decided to test using CTNARE triangle forms of the areas containing P/T notices (with more complex information). This since it usually differs greatly from other caution area forms. See pic. below. This comes obviously with difficulties from time to time. Therefore we have decided to use triangle form whenever possible.
 - b. According to S-57 2.6.2.2 §4 the use of CTNARE for T-NM should be avoided but could be used when relevant objects cannot be encoded. How is this implemented in other countries?
 - c. In what way could our notices be presented so that they will be clearer for the users?

Conclusions

Sweden sees a great need to establish more detailed guidelines regarding the presentation of P/T notices within ENC's. This to enhance the possibility for the mariners to know where the information they need is located and how they can access it.

Recommendations

Amend the S-57 standard Use of the Object Catalogue in how to present P/T notices

or

Put forward an action to ENCWG to acknowledge the issue and draft a standard in how P/T notices should be presented in ENC.

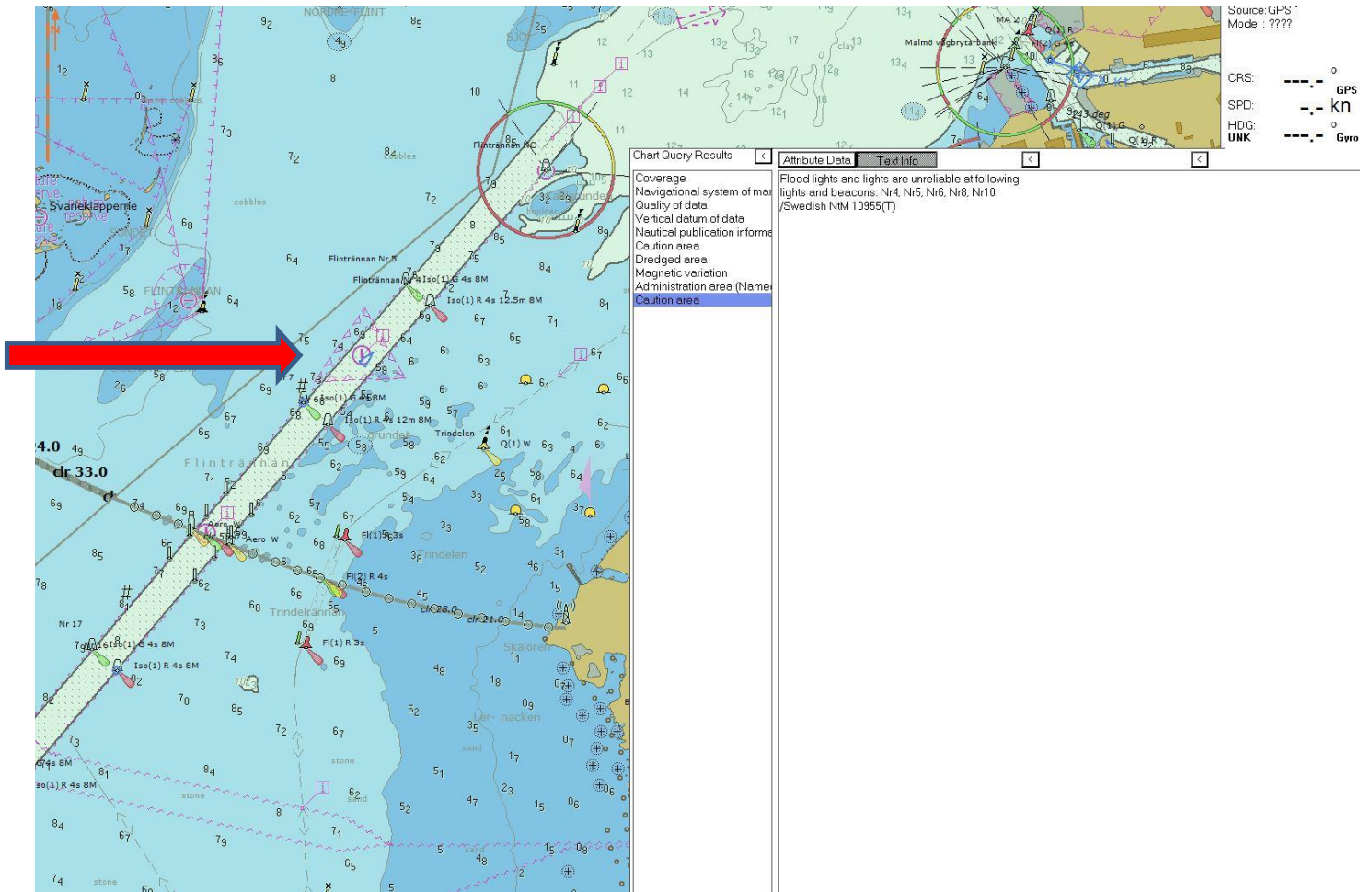
Justification and Impacts

None.

Action required of NCWG

The NCWG is invited to:

- review the paper and provide comment.
- suggest appropriate actions for either NCWG or ENCWG.



* 10955 (T)

Chart: 8141, 921

Sweden. The Sound. Flintrännen. North of the bridge. Lights and floodlights unreliable.

Following lights and beacons are unlit or unreliable, due to cable breakdown:

Nr 4	a)	55-35,98N	012-52,10E	Floodlight unlit, light unreliable
Nr 5	b)	55-36,12N	012-51,81E	Floodlight unlit
Nr 6	c)	55-35,23N	012-50,95E	Floodlight unlit, light unreliable
Nr 8	d)	55-34,65N	012-50,08E	Floodlight unreliable
Nr 10	e)	55-34,51N	012-49,85E	Floodlight unreliable

Bsp Sydkusten 2012/s15, s37, s41

