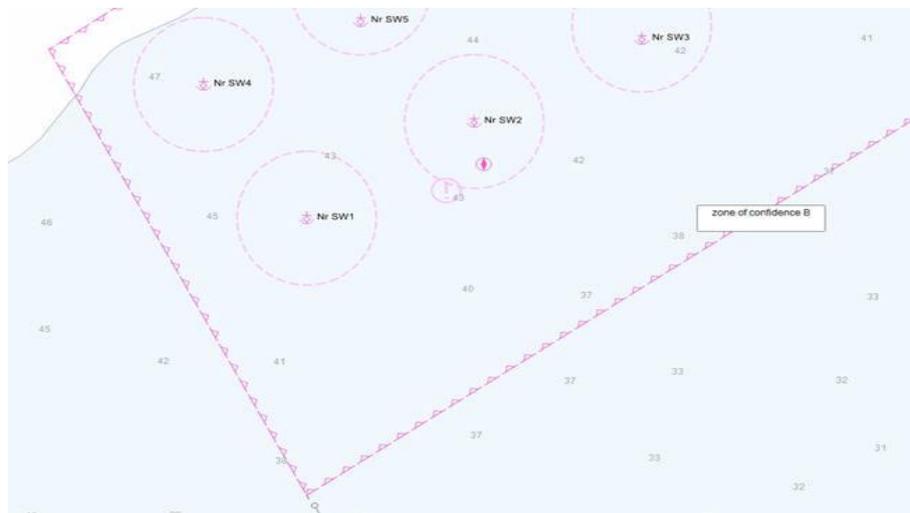


Paper for Consideration by NCWG
Consider symbology of Pilot Boarding Areas

Submitted by:	UK Hydrographic Office
Executive Summary:	Consider if the existing pilot boarding area symbol depiction could be improved for ENC users.
Related Documents:	S-4 B491.1; INT1 T1.1
Related Projects:	

Introduction / Background

Customer enquiries have demonstrated that there can be confusion in regard to the auto-centralised symbol within Pilot Boarding Areas depicted in S57. Some users have interpreted the auto-centralised pilot boarding symbol as the precise location that they should meet the pilot. When the symbol appears to move position after the user magnifies the ECDIS display, they believe that there must be a fault with the ENC. Examples included below show the pilot boarding symbol auto-centralising in different positions in the same pilot boarding area:



Other examples include foul areas S4 symbol 422.8 (symbol K31.2 in INT 1 and K4.7 in 5012)

Analysis / Discussion

The existing guidance in S4 491.1 allows for areas to be depicted with the symbol inserted at intervals along the dashed line, therefore this is not a problem for paper charts. This is not currently possible in S57 therefore the user is only able to view the dashed area limit and the centralised

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symbol. Users are familiar with the common use of the symbol which indicates the approximate location of the pilot boarding place. When it is used to mark an area the user needs to be aware of the area limit so that they can understand the symbol. When they are zoomed in its possible that they are no longer able to see the area limit.

Conclusions

The depiction of Pilot boarding areas could be improved for ENC users. S4 491.1 adequately provides depiction for paper charts therefore the ENCWG and S100 working groups may wish to consider depiction in ENCs.

Recommendations

Can symbology be improved in S-101 (do not anticipate any change in S-52)? NCWG to consider if this topic should be passed to the ENCWG or S100 working groups.

Justification and Impacts

S4 491.1 already has suitable symbology guidance for Pilot boarding areas. ENCWG and S100 working groups will be impacted.

Action required of NCWG

The NCWG is invited to agree that this user feedback should be supplied to S100 and ENCWG working groups.