

## Paper for Consideration by Nautical Cartography Working Group

### Depiction of Pilot Boarding Areas

<b>Submitted by:</b>	UK Hydrographic Office
<b>Executive Summary:</b>	Revised depiction and encoding of Pilot Boarding Areas
<b>Related Documents:</b>	S-4 B491.1; INT1 T1.1
<b>Related Projects:</b>	XXX

#### Introduction / Background

Customer enquiries have demonstrated that there can be confusion regarding the auto-centralsed symbol within Pilot Boarding Areas when depicted in S-57. Some users have interpreted the auto-centralsed 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-centralsing 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 B-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 S-57 therefore the user is only able to view the dashed area limit and the centralised 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.

#### Options

- Do nothing
- Escalate to the ENCWG to consider amending the guidance, for example to include a point symbol at the centre of the area symbol
- Escalate to the S-101PT to consider how to improve this issue in the new standard, for example to include a point symbol at the centre of the area symbol

#### Recommendations

- Escalate to the S-101PT to consider how to improve this issue in the new standard

**Conclusion**

S4 B-491.1 adequately provides depiction for paper charts.

The depiction of Pilot boarding areas could be improved for ENC users, but it is not a priority for S-57. Therefore, escalate to the S-101PT to consider depiction in the future standard.

**Action Required of NCWG**

The NCWG is invited to:

- a. Note this paper
- b. Escalate the issue to the ENCWG and the S-101PT for resolution in the developing new standard so they are aware that feedback has received about this depiction.