

**3<sup>rd</sup> NCWG MEETING**  
**ESRI HQ, Redlands, California, USA 16-19 May 2017**

**Paper for Consideration by NCWG**  
**Coloured flood lighting on multicoloured charts**

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| <b>Submitted by:</b>      | UK   |
| <b>Executive Summary:</b> | As flood lighting is not always white/yellow or orange is it appropriate to always use a yellow/orange symbol on multicoloured charts? |
| <b>Related Documents:</b> | S-4 B-478.2; B-478.4   |
| <b>Related Projects:</b>  | None   |

**Introduction / Background:**

1. S-4 B-478.2 states:

**Floodlighting** of a structure (for example: a pier; pier-head lighthouse) or a danger close to navigable water, should be indicated by the symbol: **P63**. The symbol must be in magenta, or yellow/orange on 'multicoloured' charts. Alternatively, it may be indicated by the **international abbreviation** '(illum)' against the structure or feature being lit, on the appropriate side if known.

**Analysis / Discussion:**


2. It is possible that some floodlighting (including floodlighting to highlight a navigation light, see B-478.4) may be some colour other than white, yellow or orange.

**Conclusion:**

3. There does not seem to be a good reason why the P63 symbol should not indicate the actual colour on multicoloured charts. This is similar to the guidance for symbolizing strip lights at B-478.5, although in the recommendation below 'an appropriate colour' is suggested, to allow for using an indicative colour when the exact shade of the floodlighting may not be available on the chart colour palette.

**Recommendation:**

4. Amend B-478.2 to read:

**Floodlighting** of a structure (for example: a pier; pier-head lighthouse) or a danger close to navigable water, should be indicated by the symbol  **P63**. The symbol must be in magenta or may be in an appropriate colour on 'multicoloured' charts. Alternatively, it may be indicated by the **international abbreviation** '(illum)' against the structure or feature being lit, on the appropriate side if known.

**Justification and Impacts:**

5. A minor clarification to S-4 allowing the use of more informative colour for the floodlighting symbol.

**Action required of NCWG:**

6. The NCWG is invited to:  
 endorse the above recommendation.