



SNPWG - MPA PORTRAYAL



Background

- 1 SNPWG is currently drafting a product specification for Marine Protected Areas (MPA). This specification is for data in GML so that it will be possible to portray it immediately in a GML viewer. Test data will then be prepared in accordance with this product specification. SNPWG13 decided to start work on producing a portrayal specification for MPA.
- 2 A paper was circulated on 4 October 2011 to keep DIPWG informed of portrayal suggestions and to obtain comments. This paper is to update DIPWG on the results of SNPWG14.

Discussion

- 3 Further progress was made at SNPWG 14 on the MPA product Specification. The portrayal section has not yet been started. However a number of more detailed proposals were made on this subject in a separate discussion which will enable a first draft of the portrayal section to be made.
- 4 The following decisions were made. When the MPA layer is selected:
 - 4.1 As a minimum, MPA boundaries should be displayed. The attribute categoryOfRestrictedArea (CATREA in S-57) on the MPA would control whether the boundary was pecked or T-line. If the attribute not present the boundary would be pecked. The policy for boundary depiction should follow the principles in S-4.
 - 4.1.1 If a restriction is associated with the MPA the boundary line should be a T-line.
 - 4.1.2 If no restriction is associated with the MPA, the boundary line should be pecked.
 - 4.2 A fill should be available but switched off in a default view. The fill should be faint; just sufficient to notice. This fill could be turned on when a "Highlight" button in a pick report is selected.
 - 4.3 There should be a centre screen label of "MPA". It is recognised that there are areas where PSSAs and MPAs overlap. Display rules will be needed to prevent centre labels overlapping.
 - 4.4 The name of the MPA would not be displayed but be discoverable in a PICREP.
 - 4.5 The colour of all portrayal on the chart display to do with MPAs should be green. It is recognised that MPA boundaries will follow and cross coastlines so a shade which is distinct from inter tidal green is required. The advice of DIPWG should be sort on exactly which shade of green.

Recommendations

- 5 DIPWG is requested to note the contents of this paper.

- 6 DIPWG is requested to recommend a suitable shade of green to depict MPAs.