11th CSPCWG-1st NCWG MEETING
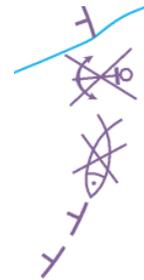## Rostock, Germany 27-30 April 2015

Paper for Consideration by NCWG

Grouping of Symbols in Area Limits

Submitted by:	UK
Executive Summary:	Should symbols be grouped in multi-feature lines?
Related Documents:	S-4 B-439.6
Related Projects:	None

Introduction / Background.

A very inexperienced compiler in UKHO wrote:

> I am just compiling my first chart and doing some amendments to areas, in particular prohibited areas, where I have an anchoring and fishing prohibited in the same area. I may have missed it, but I could find nowhere that said that the symbols had to be joined together as shown here. I had originally put them separately and then was advised this was wrong. All I could find was that they had to be 40mm apart.

Analysis / Discussion.

In originally drafting B-439.6l, it was never envisaged that a chart compiler would separate multiple different symbols, placing them 40mm apart (following B-439.6k above). It is understood that all the restrictions applying to an area should be placed together, so that the mariner does not see a single symbol and assume that is the only restriction applying within the area. However, this is: evidently not obvious to the inexperienced compiler; is not specifically stated in S-4; no example is shown anywhere in B-439; may appear contrary to the guidance at B-439.6k.

It is suggested that an additional (3rd) bullet point should be added to B-439.6l:

- Where two or three point symbols are embedded in a line, they should wherever possible be grouped together, with the groups approximately 40mm apart or closer.

An example could be added if considered necessary.

Conclusions.

A small clarification is required to B-439.6l.

Recommendations.

An additional bullet point, as suggested above, should be added to B-439.6l. It is considered that this should be categorized as a clarification.

Justification and Impacts.

For the avoidance of doubt and for consistency in applying multi-feature limits on charts.

Action required of NCWG.

The NCWG is invited to endorse the recommendation above, and advise whether it is necessary to include an example.