

**6th CSPCWG MEETING
Monaco 1-3 December 2009**

Paper for Consideration by CSPCWG

Generic Symbol for Lights in Multi-coloured charts

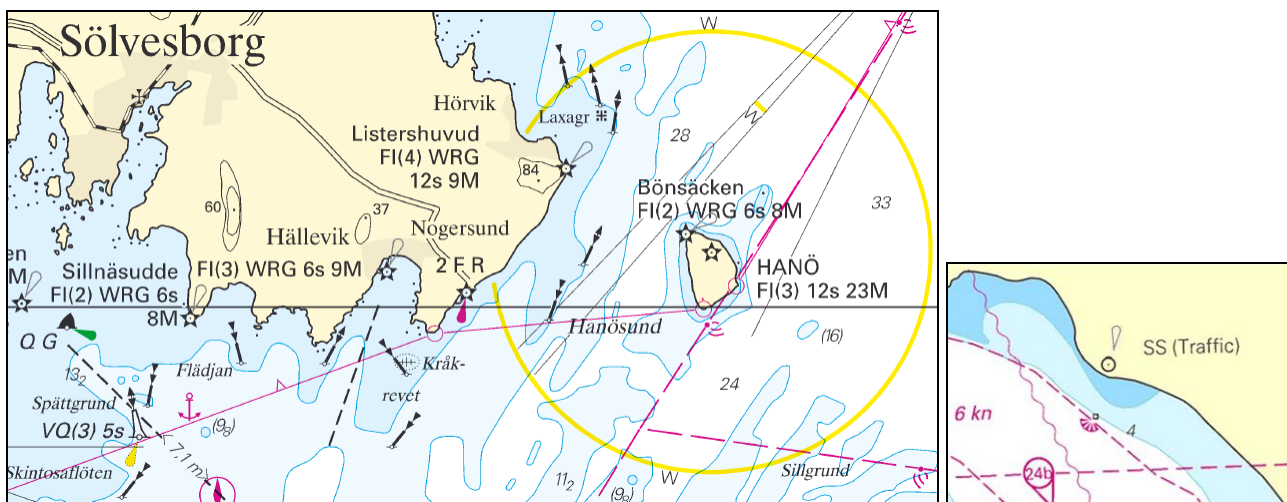
Submitted by:	Sweden (SMA)
Executive Summary:	Sweden would like to bring forward for discussion and further action by the CSPCWG a possible solution for a generic light symbol for multi-coloured charts. A generic light symbol would be useful for e.g. Signal Stations and Lighthouses.
Related Documents:	INT 1
Related Projects:	None known

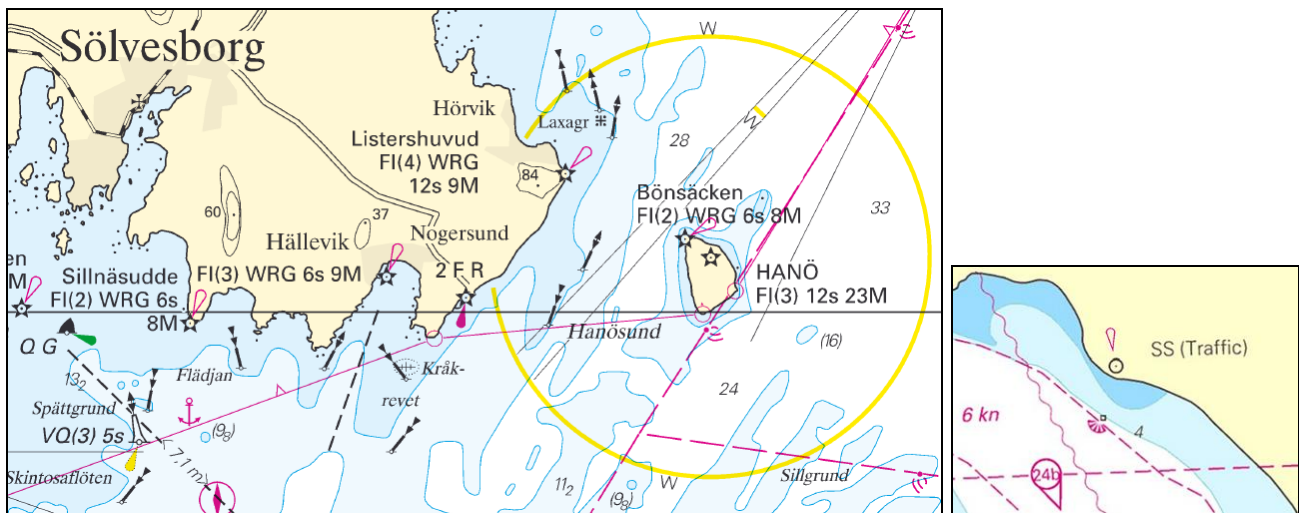
Introduction / Background

During 2009 the section B-480 to B-499 has been reviewed. One question was raised concerning using a flare for signal station with lights and how this should be portrayed in multi-coloured charts.

Analysis / Discussion

In certain cases there is no need to shown the specific colour of the light but you may still want to show that the structure do have a light connected by using a flare. For multi-coloured charts this is impossible today since there is no generic light symbol available. In non multi-coloured charts all flares are magenta, but in multi-coloured charts the actual colour of light is shown by the colour of the flare. The Swedish Maritime Administration (SMA) has discussed the matter and two similar ideas have evolved. One would be to use a flare with a black outline and the second would be to use a magenta outline instead. See also images below. SMA would like to bring this matter forward to CSPCWG for further discussion.





Conclusions

Recommendations

Justification and Impacts

There might be a need for a similar approach in S-57/S-101 where an object do have one or more connected lights but you do not want to show all details for the users. In this case a more generic light symbol would be useful even in ECDIS. An alternative would be to keep all light attributes but include a specific attribute which tells that the lights should not be symbolised. This will give the user the possibility to select the object in order to find more details about the lights.

Action required of CSPCWG

The CSPCWG is invited to discuss the possible benefit and implementation of the proposal.