

**Joint TSMAD 22 & DIPWG 3 Meeting
Seoul, Korea, 11-15 April 2011**

Paper for Consideration by TSMAD/ DIPWG

S-100 Portrayal Register

Submitted by:	UK
Executive Summary:	This paper reports on the development of the S-100 Portrayal Register.
Related Documents:	1. N/A
Related Projects:	1. S-100

This is a brief to report on the progress made to develop a register for Portrayal Symbology in the S-100 GI Registry.

The data structure is based on the contract delivered by GEOMOD and subsequently GEOMOD/CARIS. The register broadly follows the look and feel of the other registers which are established in the registry. The data from the existing S-52 Presentation Library has been entered into a relational database. The major elements relate to:

- Shapes – these are common components used to create Point Symbols
- Colours – including the representation for DAY, DUSK and NIGHT conditions.
- Simple Line styles
- Complex Line styles
- Patterns
- Point Symbols.

All these types have related geometry in accompanying tables.

The data is entered into the database in such a way that a symbol catalogue can be constructed in two ways. In both cases it is advisable to include the colour and simple line style as individual entities, referenced by the other types as required.

The first option would be to include shapes as another individual entity. The pattern, complex line style and point symbols would then be made up by referencing component shapes and simple line styles where appropriate. The second option is to include all elements which comprise the pattern, complex line style and point as single entities.

The main difference between the two options is obviously size. TSMAD/DIPWG to discuss.

A first draft of the register can be viewed at:

http://registry.iho.int/s100_gi_registry_test/PortrayalRegisters/pr_home.php?register_type=6

Select the different types from the left column drop down menu and Go To Index. From each index there are links (mostly Alpha Code titles) to a detailed description of the item.

Please review for discussion at the meeting.

Action Required of TSMAD and DIPWG

The TSMAD and DIPWG is invited to:

- a. Note the progress reported in this paper
- b. Discuss the questions posed as part of this development