

Test Strategy Meeting 10

Basic Portrayal Catalogue

Agenda Item 8.6



INTRODUCTION/BACKGROUND

- Need of Basic Portrayal catalogue
 - Depending on the readiness level of S-97, a portrayal catalogue is optional
 - Portrayal catalogue has not been developed in most S-100 product specifications
 - Difficult to test S-1XX dataset due to the absence of a portrayal catalogue.
- S-100WG8 decision
 - Need of a BPC (Basic Portrayal Catalogue) was discussed
 - Developing the BPC for the Lua/XSLT and way to utilize the BPC is proposed



STRUCTURE OF BPC(BASIC PORTRAYAL CATALOGUE)

International Hydrographic Organization BPC consists of color, symbols, fonts and rules with portrayal catalogue as shown below

```
Root --- (contains the Catalogue named "portrayal_catalogue.xml", and optionally an Alert
Catalogue file)

    Pixmaps (contains XML files describing pixmaps)

     -- ColorProfiles (contains XML files with colour profiles)

    -- Symbols (contains SVG files with symbols and CSS2 style sheets)

     -- LineStyles (contains XML files with line styles)
     -- AreaFills (contains XML files area fills)

    Fonts (contains TrueType font files)

    |-- Rules (contains files with rules which map features to drawing instructions)
```



STRUCTURE OF BPC(BASIC PORTRAYAL CATALOGUE)

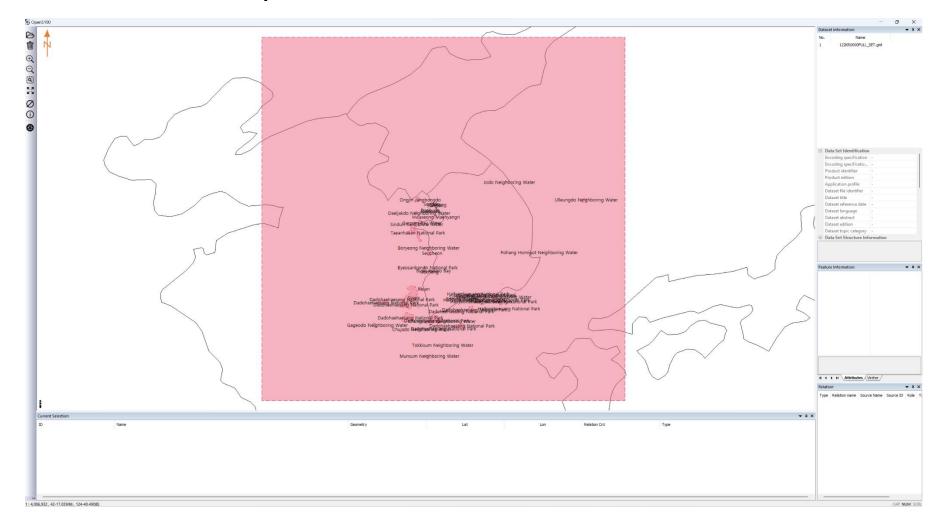


- Two types of BPC (XSLT rules and Lua rules)
 - XSLT types BPC
 - Support vector products like S-12X
 - Lua types BPC
 - Support S-101 only
- BPC for coverage products (S-102/S-104/S-111)
 - Need more research and investigation



IHO TESTING BPC IN S-100 VIEWER

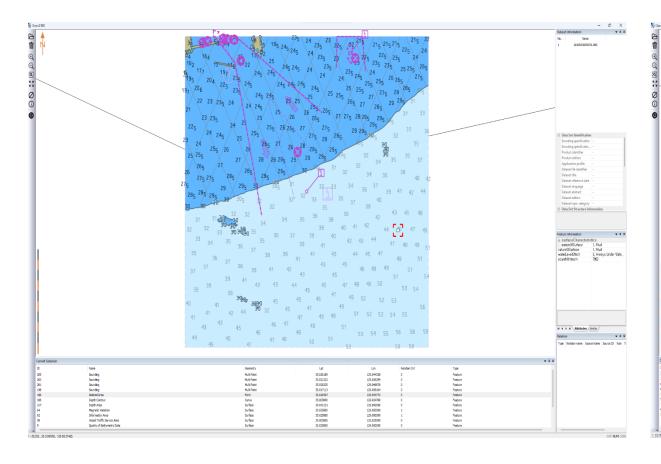
- S-122 MPA
 - S-122 FC/Sample data with BPC

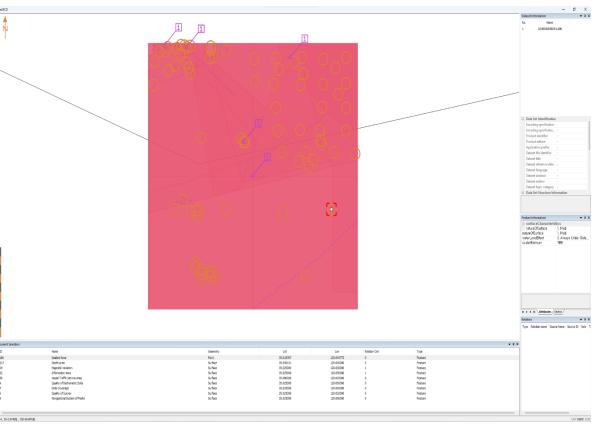




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- S-101 ENC
 - S-101 FC/Sample data with BPC





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IHO TESTING BPC IN S-100 VIEWER





HOW TO USE BPC

- IHO GI Registry
 - BPC can be registered in the IHO GI Registry for use by PS developer, product producers and users
- S-97
 - In order to support minimum portrayal of test data when developing S-100-based product specifications, text must be added to the relevant sections of the S-97
- (A-6.2.20 Portrayal) In order to check the minimum portrayal in S-100 applications, the BPC provided by IHO can be included in the product specification package or the download location of IHO GI Registry can be indicated.
- (B-16 Portrayal Catalogue) When developing the S-100 product specification, the portrayal catalogue is optional. If necessary, the BPC provided by IHO can be included or the download location of IHO GI Registry can be indicated.



ACTION REQUIRED OF TSM

- Recommended to approve the BPC (XSLT, Lua) developed to support the minimum portrayal of the S-100 product specification for which a portrayal catalogue has not been developed, and the IHO Secretariat is invited to post the PBC in the IHO GI Registry
- Approve the basic portrayal catalogue and update the S-97