

DGIWG Report to HSSC 7

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DGIWG Report

HSSC7-07.13A



- The Defence Geospatial Information Working Group (DGIWG) is a multinational body which develops standards for geospatial information within the Defence community, a cooperation agreement with the IHO is in place
- Historically strong cooperation between the IHO and DIGWG has occurred in particular through the Hydrographic Information Harmonization Working Group (HIHWG)
- DGIWG is developing a new geospatial framework building on ISO standards known as the Defence Geospatial Information Framework (DGIF). Due to their similar foundations, significant parallels with S-100 exist. Therefore cooperation with DGIWG to seek alignment and share experiences is of mutual benefit.

Common development areas

- **Data models** – DGIWG is developing a harmonized pan domain data model for exchange. Current liaison is seeking to ensure maritime concepts are reflected in a consistent way.
- **Metadata** – DGIWG has a metadata standard known as DMF which builds on ISO 19115, and is seeking to establish a metadata register for the maintenance of metadata elements.
- **Portrayal** – DGIWG is seeking to develop Portrayal specifications and has shown interest in the S-100 Portrayal model included in S-100 Part 9.
- **Profiles of OGC web services** – DGIWG is developing a number of profiles of OGC web services and actively tests these. These profiles may be relevant in the evolution of S-100.

Recommendations

- a. Member states are invited to encourage active cooperation of their relevant organizations within both IHO working groups and DGIWG**

- b. The IHO S100WG is encouraged to engage with DGIWG in areas of mutual interest**