IOGP releases Seabed Survey Data Model (SSDM) version 2

The IOGP Geomatics Committee’s Seabed Survey Data Model (SSDM) Task Force has completed SSDM version 2 incorporating industry feedback received since the release of SSDM version 1 in April 2011.

The Seabed Survey Data Model is an industry standard for the storage and management of seabed survey data.

SSDM version 2 features the following key updates:

- UML design of the model in Enterprise Architect for both ArcGIS implementation and GML encoding
- Compliance with EPSG Coordinate Reference System schema and consistency with other IOGP Standards
- Centralized reference for units of measure
- Expanded definition of seabed and subsurface features
- Complete Symbology stylesheet for SSDM Features (incl. CAD Stylesheet)
- Integration of environmental/benthic and geotechnical surveys
- Considerations for long-term sustainability and maintenance of the SSDM schema
Detailed description of updates is included in the SSDM version 2 Change Log documentation.

Version 2 of the SSDM package may be downloaded from IOGP Geomatics pages: http://www.iogp.org/Geomatics.

All SSDM version 2 supporting documentation, including updated IOGP Reports: Guidelines for the use of the Seabed Survey Data Model (Report 462-01) and Guideline for the delivery of the Seabed Survey Data Model (Report 462-02), is also available via IOGP Bookstore.

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We serve industry regulators as a global partner for improving safety, environmental and social performance. We also act as a uniquely upstream forum in which our members identify and share knowledge and good practices to achieve improvements in health, safety, the environment, security and social responsibility.