**SSDM workflow**

1. From Survey Contractor
2. Project SSDM Geodatabase
3. Internal QC/QA process
4. Enterprise Geodatabase
5. Web delivery

**SSDM V2 is available via www.iogp.org/Geomatics**

**SSDM includes:**
- Change Log
- Data Dictionary
- Data Model Template (ESRI File GDB & SeabedML)
- Data Model Guidelines:
  - Report 462-01: Guidelines for the use of the seabed Survey Data Model
  - Report 462-02: Guideline for the delivery of the Seabed Survey Data Model
  - Report 462-03: Interface between pipeline data models and the IOGP Seabed Survey Data Model
- Standardized Symbology (ESRI *.style & CAD)
- Metadata Template
- Feedback Form

**Industry standard for the transfer, storage and management of seabed survey data**
- Platform and Drilling Hazard Surveys
- Sweep Debris Surveys
- Environmental Surveys
- Bathymetric Surveys
- Geotechnical
- Pipeline Route Surveys
- Pipeline Pre-lay Surveys
- Maintenance Surveillance
  - (using geophysical-based ‘survey’ systems, not video-based ‘inspection’ systems)

**Adopted by**
- O&G Operators: internal data standard
- Survey Contractors: survey data delivery standard

**Consistent Query and Presentation**
- 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

**Conceptual Framework Diagram**

**SSDM includes:**
- Platform and Drilling Hazard Surveys
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**Key updates in V2**
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**Delivery Structure**

**Folder to contain CAD charts/drawings and associated files**

**Folder to contain populated SSDM geodatabase**

**Folder to contain ArcGIS layer files**

**Folder to contain raw and processed data (e.g. XYZ, P1/90, XTF, SEGY) etc**

**Folder for miscellaneous files**

**UML Model**

**Structure**

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