Geomatics support during the upstream oil and gas life cycle

Work streams for 2017 and beyond

- Continue active ownership of key industry:
  - Guidelines and Position Data Exchange formats – maintain
  - GIS Data Models – maintain SSDM and develop LSDM
  - Geospatial Integrity of Geoscience Software (GIGS) – revise and update test datasets
  - IOGP’s EPSG Geodetic Parameter Dataset – maintain and enhance
  - P7 wellbore survey data exchange format – revise
  - Oil Spill Response Common Operating Picture – revise

Work with OGC, ISO, SEG and Regulators to promote adoption or improve of coordinate data and reference system standards.

Business value of Geomatics in the Oil & Gas Sector

- Accurate live positioning and spatial data acquisition for:
  - geophysical surveys, rigs, vessels, wells, moorings, infrastructure installation, integrity management and other field operations

An informed and competitive business decision – spatially accurate, high quality operations positioning, geospatial data and maps.

Chair’s message

Geospatial data integrity, provided through the combination of:
- accurate positioning during field operations & data acquisition
- appropriate geospatial data management, mapping and visualization

is a key component to reduce safety, environmental and business risk in the oil and gas industry.

The Committee’s primary objective for the near future will be to maintain our advocacy of industry regulators, associations & standards bodies and to maintain, enhance and develop existing deliverables such as the EPSG Geodetic Parameter Dataset, the SSDM – Seabed Survey Data Model, position data exchange formats and GIGS process.

For more information visit www.iogp.org/geomatics