Geomatics Committee
An Introduction

By Richard Wylde, ExxonMobil
Past Geomatics Committee chair

Industry Day
Aberdeen, April 2016
IOGP - Standing Committees

The backbone of IOGP is a dynamic network of committees, subcommittees, task forces and work groups, each working in their own specialist area.
The Geomatics Committee – objectives and activities

Providing guidance
Publish and maintain:
- The OGP EPSG Geodetic Parameter Dataset – the de-facto global standard for CRS and geodetic parameters
- Surveying and positioning guidance notes and guidelines
- Industry standard position data exchange formats
- GIS data models
- Geodetic Integrity of Geoscience Software, test guidance and data

Liaison with industry standards organisations:
- IMCA, SEG, CAPP, Energistics, OGC, ISO

Forum for exchange of experience and knowledge:
- Biannual committee meetings
- Industry Days
- Active sub-committees and task forces
- Initialisation and support of industry JIPs
Geomatics C. Subcommittees

- Geodesy
- Geo-Information
- Earth Observation
- Surveying & Positioning
- Geophysical Operations
Current Geomatics C. Task Forces

P-Format updates
- Well Bore Survey Data (P7)
- 3D Seismic Bin Grid (P6)

Data Models
- Seabed Survey Data Model
- Land Survey Data Model

GIGS
2015 Highlights

OGP/IPIECA OSR JIP published Recommended practice for Common Operating Picture (COP) architecture for oil spill response

Technical Notes published to accompany the very successful Guidelines for the conduct of offshore drilling hazard site surveys
IOGP Geomatics Committee Publications

- Guidance Note 22. Geodetic referencing in Iraq
  - No. 373-22
  - May 2015

- OGP P1/11 Geophysical position data exchange format
  - 483-1
  - April 2015

- OGP P2/11 Positioning data exchange format
  - 483-2
  - April 2015

- Coordinate conversions and transformation including formulas (S and P 07-2)
  - 373-07-2
  - April 2015

- Contract area description
  - 373-03
  - December 2014

- Interface between pipeline data models and the OGP Seabed Survey Data Model
  - 462-03
  - January 2014
IOGP Geomatics Committee

- Guidance Notes, Guidelines, data models, data exchange formats and Geodetic Parameter Dataset available from:
  - [http://www.iogp.org/Our-library](http://www.iogp.org/Our-library)
  - [http://www.iogp.org/Geomatics](http://www.iogp.org/Geomatics)
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