



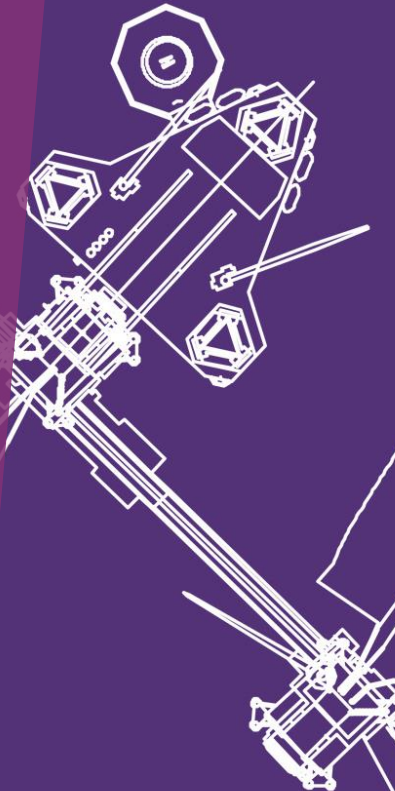
International
Association
of Oil & Gas
Producers

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



Arctic

The world needs more oil and gas. The Arctic has the potential to provide it



Communications

IOGP needs a clear, consistent and compelling voice to foster understanding of the upstream industry's operations and objectives



Decommissioning

Addressing the challenges to be faced when offshore structures come to the end of their operational lives



Environment

Dedicated to identifying and spreading good environmental practice wherever the upstream industry operates



EU

Helping safeguard current and future production and ensure that Europe remains open to oil and gas imports from other producing areas



Geomatics

Dedicated to identifying and spreading good surveying, geodesy, cartography and coordinate data management practice



Health

Working to improve health standards and performance throughout the oil and gas sector



Legal

Dealing with questions of law and understanding how developments in regulations may impact operations



Metocean

Providing insights into applied oceanography and meteorology



Safety

Promoting the integration of safety into every aspect of daily operations



Security

Providing good security risk management guidance



Standards

Promoting consistent, efficient and effective upstream industry standards the world over



Subsea installation

Dedicated to improving the safety performance of subsea operations



Wells

Dedicated to improving the safety performance of wells throughout their full life-cycle

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

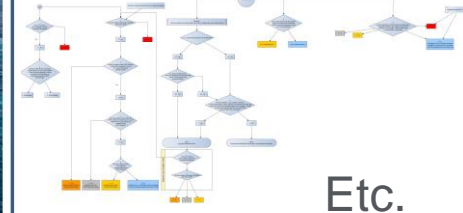
P-Format updates

- 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

International Association of Oil & Gas Producers

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- Data series
- Decommissioning
- Diving operations
- Environment
- EU affairs
- Gas from shale
- Geomatics**
- Health

Title	No.	Date	
▼ Guidance Note 22. Geodetic referencing in Iraq	373-22	May 2015	↓
 <p>No. 373-22 Wednesday, May 13, 2015</p> <p>More details</p>			
▶ 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/Geomatics>



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