

Revision of P1/90 & P6/98 – Data exchange formats

QUESTIONNAIRE

BACKGROUND

The International Association of Oil & Gas Producers (OGP) Surveying & Positioning Committee has voted to revise its main positioning data exchange formats. This decision follows a meeting held in Kuala Lumpur in late November, 2008.

The EPSG guidelines and EPSG geodetic parameter dataset were transferred to the Surveying & Positioning Committee during 2005. The UKOOA (now 'Oil & Gas UK) P-formats and guidelines followed in 2006, and a major revision of these documents had been planned for some time. Parallel discussions with the Society of Exploration Geophysicists (SEG) covered deprecation of their P-formats and recognition of the revised OGP P-formats as their replacement. The intent is to have a single global source for positioning advice, guidance and formats provision for the upstream oil and gas industry.

The formats currently under consideration for revision are:

- P1 - Data exchange format for processed (post plot) coordinate data
- P2 - Data exchange format for raw marine positioning data
- P6 - Data exchange format for, and definition of, seismic binning grids
- P7 - Data exchange format for well deviation data

This questionnaire on the P1 and P6 revision is distributed by the OGP Surveying & Positioning Committee to all members of the Committee, major Survey and Seismic Contractors, major service providers, software vendors and other companies with a professional interest in these Guidelines.

The purpose is to establish if the surveying and positioning industry consider the revision of the P1 and P6 data exchange formats to be a valuable industry initiative.

The results of the survey will be collated by the OGP for presentation to the S&P Committee in April 2009.

COMPLETION & NOTES

The form can be completed electronically and submitted via email to Abigail Findlay [abigail.findlay@ogp.org.uk], see full contact details on back page, but may also be printed and submitted via fax to: +44 (0)20 76332350

The deadline for submission of responses is **Wednesday 15th April 2009**

NOTE 1: IN YOUR RESPONSES PLEASE CONSIDER LINKS AND CONSEQUENCES TO/FOR THE P1, P2, P6 FORMATS AND DGPS GUIDELINES QUESTIONNAIRES.

NOTE 2: IF YOU ARE NOT THE CORRECT RECIPIENT FOR THIS QUESTIONNAIRE THEN PLEASE PASS ON TO THE APPROPRIATE CONTACT WITHIN THE GEOPHYSICAL AND/OR ENGINEERING OPERATIONS GROUPS OF YOUR COMPANY. IF YOUR COMPANY IS NOT ENGAGED IN THE USE, GENERATION OR DEVELOPMENT OF POSITIONING DATA AND/OR FORMATS, THEN PLEASE DISREGARD QUESTIONNAIRE.



1. COMPANY DETAILS

1.1 Name

Company name

1.2 Line of Business

- Oil E&P
 - Seismic Contractor
 - Processing House / Contractor
 - Survey Contractor
 - QC
 - Software Development
 - Data Management
 - Data Archival
 - Other (please specify below)
-

2. FORMAT UTILISATION

2.1 P1/90 Format Utilisation

Does your company use the current P1/90 format?

- Yes
- No

If yes, please state how the format is used in your company:

If no, please indicate how the other format(s) is better:

2.2 P6/98 Format Utilisation

Does your company use the current P6/98 format?

- Yes
- No

If yes, please state how the format is used in your company:

If no, please indicate how the other format(s) are better:



2.3 SEG P1 Format Utilisation

Does your company use the current SEG P1 format?

- Yes
 No

If yes, please state how the format is used in your company:

The SEG have agreed to deprecate this format and support the OGP P1 revision as a replacement. Would you be prepared to change from using/specifying the SEG P1 to adopt a revised OGP P1-format

- Yes
 No

If not, please indicate below your reasons:

3. REQUIREMENT FOR UPDATE

3.1 P1/90 Update Requirement

Do you think there is a need to update the current P1/90 format?

- Yes
 No

If yes, please elaborate under paragraph 4.

If no, please explain why not:

3.2 P6/98 Update Requirement

Do you think there is a need to update the current P6/98 format?

- Yes
 No

If yes, please elaborate under paragraph 4.

If no, please explain why not:

4. PROPOSED UPDATE AREAS

4.1 Issues

What do you find restrictive about the current P1 format?

Do you have to employ workarounds to avoid format violation?

- Yes
 No

If yes, what are these?

Would you change the current 80 character format?

- Yes
 No

If yes what would be your requirements?

If no, please explain why not:

4.2 Bin Grids

For Bin Grid positions and definitions, do you make use of

- P1/90
 P6/98
 Both P1 and P6

If you ticked either of the P1 boxes above, what use do you make of P1 Bin Centre positions

What Meta data items would you include with bin data?

Would you also like to see polygon bin outlines?

- Yes
 No

If yes what would be your requirements?



If no, please explain why not:

What changes would you introduce to meet re-processing or merging of bin-grid data?

Would you prefer to see the P6 Bin Grid Definition Format incorporated within P1 rather than be a separate format?

- Yes
 No

If yes what would be your requirements?

If no, please explain why not:

Would an improved P1/P6 format encourage you to incorporate a reader or exporter capability within your own software?

4.3 Metadata / Headers

What additional metadata items would you like to see included in the data exchange format?

Do you prefer to see metadata continue as separate discrete header records?

- Yes
 No

If no, please explain why and how you would like to see this data structured.

5. FORMATS

5.1 Format

Is it important that the format is machine readable?

- Yes
 No

If yes, please explain why and whether it is the data, the meta-data (header) or both that you would like to be machine readable.

Do you think there is a need to migrate from the current ASCII to XML, GML or other non proprietary coding?

- Yes
 No

If yes, please explain why and which format would be most suitable.

If no, please explain why not and describe what guidelines or standards you use for storing raw marine positioning data.

How important is backwards compatibility to previous format versions and why is this important to you?

5.2 Contribution

Is your company prepared to provide one or more individuals to be part-time or corresponding members of a sub-committee tasked with updating the P1/90 (SEG P1) and P6/98 formats?

- Yes
 No

If yes, please give name and contact details of the individuals including a brief resume of their qualifications for contributing to this work.

Thank you for completing this questionnaire. We appreciate your input.

Decisions concerning the P1/90 and P6/98 revision will be communicated via the OGP Surveying & positioning Committee's web site (www.epsg.org).

Any questions/responses please contact:

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