

Revision of P2/94 – Data exchange format

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 relates to the P2 revision, and is distributed by the OGP Surveying & Positioning Committee to all members of the Committee, major Survey and Seismic Contractors, major service providers 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 P2 data exchange format to be a valuable industry initiative. The last revision resulted into the current P2/94 exchange format, and with technology moving on, the format is showing inadequacies in certain areas.

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, 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 RAW MARINE 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)
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2. P2 FORMAT UTILISATION

2.1 P2/94 Format Utilisation

Does your company use the current P2/94 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 SEG P2 Format Utilisation

Does your company use the current SEG P2 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 P2 revision as a replacement. Would you be prepared to change from using/specifying the SEG P2 to adopt a revised OGP P2-format

- Yes
-

No

If not, please indicate below your reasons:

3. REQUIREMENT FOR UPDATE OF P2/94

3.1 Update Requirement

Do you think there is a need to update the current P2/94 format?

- Yes
 No

If yes, please elaborate under paragraph 4.

If no, please explain why not:

4. PROPOSED UPDATE AREAS

4.1 Update Areas

If you think the P2/94 format needs to be updated please specify areas where updates are required. Currently available information reveals following **proposed** update items. Please tick boxes below you think are relevant from your perspective

- Time-stamping of compass and depth readings
 Gun timing and other source characteristics (with ref to GCS90 output)
 Streamer Fin Angles
 More GPS quality measures, also in relation with GcGPS
 Higher precision in Shot timestamp
 Expansion of node fields (networks exceeding 9999 nodes/observables)

Please specify any additional updates areas you wish to see considered that are not included in above items

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5. FORMATS

5.1 Format

Do you think there is a need to migrate from the current P2/94 ascii to XML 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.

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 P2/94 format.

- 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 P2/94 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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