

Notes of the Fault & Risk Working Group Meeting held at the Makeney Hall Hotel on 26th March 2015

FARWG/15/014

Present:

Graham Goodfellow	Penspen Group (Chair)
Neil Jackson	Independent Consultant (Secretary)
Roger Ellis	Essar
Jane Haswell	PIE
Steve Potts	National Grid
Morgan James	Wales & West Utilities
Walter Gaffney	SGN (for Barry Mackay)
Kristina Brazenaite	Northern Gas Networks
Mike Acton	DNV-GL
Timothy Rudd	Valero
Stephen Humphrey	Oil and Pipelines Agency
Rod McConnell	Independent Consultant

1 Apologies

Robert Owen	National Grid
Richard Price	BPA
Fridolin Jenny	Swissgas
Barry Mackay	SGN
Graham Canty	Gas Networks Ireland
Arnaldo Latas	BP
Antonio Carabello	BP
Graham Pailor	Sabir

2 Minutes of Last Meeting & Matters Arising

2.1 Minutes of Last Meeting

Accepted – a couple of minor typographical errors were identified by Graham Goodfellow which Neil Jackson agreed to correct.

2.2 Matters Arising

1. RMCC to review CONCAWE data and develop a strategy for including non MAHP pipelines within the UKOPA fault database.

RMCC had circulated a note prior to the meeting detailing his proposals, this was discussed under agenda item 8. **Complete**

2. GDG to send the final version of the slabbing document to NJ for him to put a UKOPA cover on the document and arrange for Board approval. **Ongoing**

This would now be reformatted as a UKOPA Good Practice Guide, NJ agreed to reformat the document accordingly. **Action NJ**

3. NJ to update the list of documents for the UKOPA website based on comments received at the meeting and to request DNV-GL to provide versions of the documents that can be published on the open section of the website.

Mike Acton had raised a concern with regard to documents referenced in the DNV-GL reports. It was agreed to include a statement identifying that the document referred to in the relevant reports were confidential documents. Mike also stated that the DNV-GL documents themselves would sit on the DNV-GL website.

SP agreed to formally agree to the release of the documents to MA and copy in NJ.

Action SP

4. NJ to circulate a questionnaire asking the current members of the RAIWG group to confirm their company's future representation on each of the 2 new groups.

Complete, NJ agreed to confirm whether going forward there would one or two representatives from BP. Also NJ agreed to make contact with Mike Thompson from Ineos and Tom Smith from Shell to see if they wanted to be represented on the group.

Action NJ

It was noted that the suppliers of data for the Fault Database would be a sub-group of the FARWG.

5. NJ to issue the final agreed Terms of Reference for the 2 new Groups to the UKOPA Secretary for the Board to note.

Complete

6. NJ to update list of Good Practice Guides and replace the current high, medium and low priorities with suggested completion dates and include Ethylene.

Complete, discussed under agenda item 6.

7. Members of the group to review and comment on the list of Good Practice Guides and add any additional topic areas that they were interested in that were not currently captured.

Discussed under agenda item 6.

8. JH to review the risk related documents that JH and RMcC had produced previously in order to identify whether these could be captured within Good Practice Guides.

Discussed under agenda item 7.

9. FJ to provide copies of relevant seismic technical papers from Swissgas.

Complete

10. JH to amend the Fault Report and issue to the Board for approval.

Complete, and discussed under agenda item 8.

11. RO to provide a copy of the new EGIG categorisations of third party damage causes developed by DNV-GL.

Complete

12. RO agreed to send GDG the relevant background details to the National Grid LUP issue and GDG agreed to use this information to specify the generic UKOPA technical issue and raise this with the HSE.

Discussed under agenda item 9.

3 Update on new HSL LUP Tool

Philip Shea, Katherine Deakin and Paul Jackson of the HSL attended the meeting to brief UKOPA on the new online Land Use Planning tool. They explained that there would be 3 main categories of user: HSE/HSL; Local Authorities and Business users (mainly developers). The system would cover enquiries for Pipelines, COMAH sites and explosive sites. The system had 2 elements, an initial screening enquiry followed by a more detailed assessment. The enquirer would put the location of their proposed development into the system by drawing the boundary of the development onto the online system map. If the system identified that the development was in the middle, inner or outer zone of the pipeline then a more detailed assessment would be required taking account of the type of development and numbers of people.

An enquirer would need to be set up with a username and password before he could use the system. The location of the inner middle and outer zones were only indicated for the section of pipe within the boundary of the proposed development. Business users would have to pay to use the system. The system was being trialled currently and it was proposed to launch the system in July this year.

It was noted that it would be useful for pipeline operators to have some feedback from the system of enquiries made, possibly just the ones that had been paid for as these were more likely to be serious rather than speculative enquiries.

The following actions were agreed:

HSL to provide UKOPA with copies of the pdf responses that are generated by the system.

Action HSL

NJ to request details of the new LUP zones from Peter Harper.

Action NJ

NJ to finalise the agreement letter that had been developed for pipeline operators to confirm that they agreed to the release of their data for use in the system.

Action NJ

4 Feedback from UKOPA strategy workshop

Graham Goodfellow gave feedback from the UKOPA strategy workshop that had taken place in Newcastle in February. Graham explained that the output from the members feedback at the workshop had been split up into a number of work areas:

Group 1 - Website / Communication / LinkedIn and UKOPA New Pipeline Engineers Group.

Group 2 – Competency Framework / Standards / Training Support

Group 3 - Engineering Governance / Input into Standards Good Practice / R&D Collaborations / Specialist support

Group 4 - Non-Pigable pipelines / End of Life pipelines / ILI - state of the art / Repairs

Group 5 - Local Authority Planners Proactive Liaison (including defence when planning process fails)

These would be led by nominated individuals or relevant workgroups. Tony Stonehewer was leading on the competency work (Group 2 above) and had arranged an initial meeting with a company called Cogent on the 20th April with a view to them supporting the development of a UKOPA framework. Any members that were interested were welcome to attend. It was noted that Grant Rogers was leading on Group 5 and would have an interest in the presentation from HSL.

Send Grant Rogers a copy of the HSL presentation.

Action NJ

5 Review of current and future work programme and associated budgets

Graham Goodfellow gave a presentation of where he believed the focus of the work of the group should be going forward. Graham identified 4 key areas of work:

- Continuation of existing (FDMG) work
- Improvements to Fault Database
- Better Use of Existing Data
- Risk Assessment & Failure Frequency Prediction

The spreadsheet summary document detailing the current work programme and associated budgets was reviewed by the group. It was noted that the budget for the fault data work was already captured in the approved PIE work. GDG agreed to issue an updated and expanded summary with outputs for each work area and a suggested priority.

Action GDG

6 Review current list of proposed UKOPA Good Practice Documents

The group reviewed the current proposed list of good practice documents that were relevant to the group. It was noted that the proposed document for managing encroaching development and societal risk around pipelines could be in 2 parts one for pipelines already covered by code requirements and the other part for pipelines not covered by code requirements. The non-code requirements document could be further split into a document for ethylene pipelines and a document covering other liquid pipelines.

RMCC to circulate the document that had been already developed for ethylene pipelines.

Action RMCC

SP to circulate a summary of the current National Grid approach to managing societal risk.

Action SP

NJ to send RMCC an example of the current template for a good practice document.

Action NJ

It was agreed that the proposed document to cover the modelling of third party damage should wait until the completion of the Cooltrans review.

MA agreed to advise on whether any of the work on ground movement currently being undertaken by the PIPESAFE group could be made available for the development of the proposed UKOPA good practice guide covering ground movement. **Action MA.**

RMCC agreed that the proposed document on hazard distances from Ethylene pipelines could be started based on the existing work in this area that had now been completed.

It was agreed to separate guidance for wind farms and guidance for solar farms into 2 separate documents.

7 Review past RAIWG work and identification of topics that should be captured in Good Practice Documents

JH reported that this review was still ongoing and that an update would be provided at the next meeting of the group.

8 Update on the Fault Database

JH stated that she would issue a prompt to those members who had yet to provide returns for the fault database. The deadline for the EGIG database was June when all of the gas pipeline related data was required.

GDG agreed to expedite the Penspen data related to what had been the Greystar pipeline.

Action GDG.

An enquiry had been received from Chevron in Texas requesting access to the UKOPA Fault Database. GG agreed to contact them in order to determine if they required any more than what was in the fault data report and if so discuss with them the options for obtaining this data.

Action GDG.

RMCC's proposal to establish a UK Non-MAHP Pipeline, Leak and Fault Database was discussed. The meeting supported the proposal and agreed that it would need the commitment of from all of the relevant companies to supply the data, noting that the leak data should already be available in the CONCAWE database.

RMCC to investigate the most efficient means of obtaining the CONCAWE data.

Action RMCC.

9 Update on National Grid LUP issue

SP gave a short presentation on a LUP issue where National Grid were currently having problems as a result of the HSE's new LUP zones. It was agreed that the best way forward would be to arrange a meeting to discuss the issues with the HSE. This could either be:

- a) UKOPA meet with HSE to discuss the issues in principle;
- b) National Grid arrange a meeting with the HSE that UKOPA would attend and support National Grid with their knowledge of the historical discussions/agreements.

SP agreed to consider which of the above 2 options National Grid would prefer and advise UKOPA accordingly. **Action SP**

TD/2 Surveillance Figure and Ground Movement Guidance

There appeared to be an error in Figure 11 Edition 2 of TD/2 where the graph crossed the x-axis.

Also the guidance w.r.t. hole size as a result of ground movement appeared to be ambiguous and inconsistent with what was believed to be the current published EGIG data. It was agreed that some minor rewording of the text would address this issue.

Write to IGEM to draw their attention to the above issues and suggest a potential amendment related to the text associated with hole size as a result of ground movement.

Action NJ

10 Date of next meetings

The next meetings would be on the 3rd June (probably a teleconference), with a follow up meeting on the 16th September (venue to be confirmed).

Summary of Actions		
No	Action	By
1	GG to forward the final version of the Slabbing Specification to Neil Jackson for him to reformat as a UKOPA Good Practice Guide.	GDG and NJ
2	Formally agree to the release of the DNV-GL documents to MA and copy in NJ so that they can be made available through the DNV-GL website.	SP
3	Make contact with Mike Thompson from Ineos and Tom Smith from Shell to see if they wanted to be represented on the group.	NJ
4	Provide copies of the pdf responses that are generated by the HSL LUP system.	HSL
5	Request details of the new LUP zones from Peter Harper.	NJ
6	Finalise the agreement letter that had been developed for pipeline operators to confirm that they agreed to the release of their data for use in the HSL LUP system and send it to HSL for comment.	NJ
7	Send Grant Rogers a copy of the HSL presentation on their new LUP tool.	NJ
8	GDG to issue an updated and expanded summary of the FARWG work programme with outputs for each work area and a suggested priority.	GG
9	RMCC to circulate the document that had been already developed for ethylene pipelines for managing societal risk.	RMCC
10	SP to circulate a summary of the current National Grid approach to managing societal risk around gas pipelines.	SP
11	NJ to send RMCC an example of the current template for a good practice document.	NJ
12	Advise on whether any of the work on ground movement currently being undertaken by the PIPESAFE group could be made available for the development of the proposed UKOPA good practice guide covering ground movement.	MA
13	Expedite the Penspen fault data related to what had been the Greystar pipeline.	GDG
14	Contact Chevron in order to determine if they required any more than what was in the fault data report and if so discuss with them the options for obtaining this data from UKOPA.	GDG
15	Investigate the most efficient means of obtaining the CONCAWE data for the proposed UK non MAHP leak and fault database.	RMCC
16	Confirm National Grid's preferred approach for addressing their current LUP issue, i.e. UKOPA discuss issue in principle with the HSE or NG discuss with HSE with support from UKOPA.	SP
17	Write to IGEM to draw their attention to the surveillance graph and ground movement issues related to TD/2 and suggest a potential amendment related to the text associated with hole size as a result of ground movement.	NJ

NW Jackson, Meeting Secretary 30th March 2015