

## Notes of the Meeting held at the Wilton Phoenix Centre on 21<sup>st</sup>/22<sup>nd</sup> September 2005

### **Present:**

P. Brown, Planning Manager, UK Distribution, National Grid (Chairman).  
R. Ellis, Manager, Pipeline Group, Shell UK Ltd.  
M. Harrison, Olefins S&D Operations Manager, Huntsman Petrochemicals (UK) Ltd.  
L. Boswell, Pipeline Availability Team Leader, bp FPSI.  
N. Jackson, Transmission Standards Manager, UK Distribution, National Grid.  
T. Stonehewer, Compliance and Monitoring Manager, UK Transmission, National Grid.  
K. Curtis, Pipeline Engineer, e.on UK Ltd.  
M. Baldwin, Engineering and Maintenance Team Leader, e.on UK Ltd.  
R. White, General Manager, Total (UK) Ltd.  
D. Cullen, Senior Pipeline Supervisor, Shell Expro.  
P. Docherty, Mechanical Engineering Manager, Semcorp Utilities.  
B. Proud, SHE & Coordination Manager, SemUtilities Solutions.  
T. Taylor, Pipeline Plant Manager, Esso Petroleum Co. Ltd.  
D. Gray, Pipeline Protection Engineer, Esso Petroleum Co. Ltd.  
P. Mitchell, Contract Manager, Unipen Ltd.  
M. Price, Operations Manager, BPA.  
L. Haw, Huntsman Petrochemicals (UK) Ltd.  
C. Gorman, Network Operations Director, Northern Gas Networks (22<sup>nd</sup> only)  
M. Alderson, Network Integrity Engineer, Northern Gas Networks.  
B. Mackay, Network Support Manager, Scotland Gas Networks.  
E. Findlay, Infrastructure Engineering Technology Specialist, BP Innovene.  
S. Chatfield, Head of Operational Policy, HSE (22<sup>nd</sup> only).  
N. Riley, Principal Inspector, HSE (22<sup>nd</sup> only).  
J. Stancliffe, HSE Inspector (22<sup>nd</sup> only).  
R. McConnell, Consultant.  
J. Haswell, Consultant, Pipeline Integrity Engineers Ltd.  
W. P. Jones, Pipeline Integrity Engineers Ltd, (Secretary).

### **1 Welcome and Introductions**

The Chairman thanked Paul Docherty and Semcorp Utilities (UK) Ltd for hosting the meeting and extended a special welcome to Mark Baldwin of e.on UK Ltd, Tony Stonehewer of National Grid, Barry Mackay of Scotland Gas Networks and Barry Proud of SembUtilities Solutions who were attending for the first time.

He also welcomed Andrew Willder who was attending to give a presentation on Onshore Pipeline Data Communications, Clive Ward of Advantica who was attending to give a presentation on the proposed JIP on the performance of on-line inspection tools.

He also noted that Chris Gorman of Northern Gas Networks and Steve Chatfield, Nigel Riley and Jim Stancliffe of the HSE would be attending the meeting on the 22<sup>nd</sup> September. Jim would be giving a presentation on the Feedback from HSE Inspections of Contractors.

## **2. Apologies.**

The Secretary reported that apologies had been received from:

- J. Varden, General Manager, OPA.
- P. Williams, Head of Operations, UKD Construction National Grid.
- D. Perry, Engineering Manager Network Policy, National Grid.
- J. Trounson, UKD Policy Manager – Transmission, National Grid.
- E. Reeder, Contract and Services Team Leader, Innovene, BP.
- R. Michie, Transmission Operations Manager, BG Group.
- P. Davis, Director and General Manager, BPA.
- B. Mckay, Pipeline Users Group (PLUG).

## **3. Presentation by Andrew Willder of Adrem Consulting on Onshore Pipeline Data Communications - Requirements and Solutions in 2005.**

Donal Cullen introduced Andrew Willder as he had originally suggested the presentation may be of interest to Members. He explained that Adrem Consulting had been invited to undertake a project on data communication for Shell Expro and this would be used as a case study in the presentation. In Shell's case the use of ISDNconnect had resulted in a two thirds saving in the cost of transmitting data, a reduction from an annual cost of £120k to around £40k.

The overheads used by Andrew in his presentation together with a separate paper have been posted on the Members' section of the website –references UKOPA/05/0114 and 0115 respectively.

A number of questions arose during/after the presentation:

*Question:* What was the payback period?

*Answer:* The repayment period in the plan was thirteen months but it actually took two years.

*Question:* Are the cost savings related to the distance involved?

*Answer:* No, there are no distance charges associated with ISDN.

*Question:* Several possible solutions were considered as part of the project. How was it decided to opt for ISDN?

*Answer:* Firstly, assessment criteria were selected and weightings applied to provide a robust selection process. A number of technologies were considered in the first instance and these were reduced to a shortlist of three and ISDN was considered to be the most cost effective on a lifecycle basis.

The Chairman thanked Andrew Willder for an extremely interesting and informative presentation and for the time he had spared to attend the meeting to do so.

#### **4. Framework for a presentation on pigging at the January 2006 meeting**

Roger Ellis opened this agenda item by reminding Members that it had been agreed at the last meeting that Members who had recommended intelligent pigging as a topic for discussion at a future meeting had been asked to liaise with each other with the objective of proposing a framework at the September meeting for a presentation on pigging at the January 2006 meeting.

He said that this had been considered and it had been suggested and agreed that a presentation by Clive Ward of Advantica on the Proposed JIP on the Performance of On-Line Inspection Tools as a starter to the session would be both topical and useful in terms of facilitating later discussion on the framework for the January meeting.

##### **4.1 Presentation by Clive Ward of Advantica on the proposed JIP on the performance of on-line inspection tools.**

The overheads used by Clive in his presentation have been posted on the Members' section of the website –reference UKOPA/05/0116. The presentation covered:

- Understanding the performance of on/in line inspection (ILI) tools
- Identification of factors that influence performance
- Understanding how performance affects integrity.

There were no questions.

The Chairman thanked Clive for an extremely interesting and informative presentation and for the time he had spared to attend the meeting to do so.

##### **4.2 Discussion on the format of the Pigging Presentation at the January 2006 Meeting.**

Roger Ellis opened the session by stating that the objective was to organise the January meeting around a central theme of intelligent pigging with the objectives of member participation and sharing best practices. There are a number of key issues which could be considered, including:

- Operational Planning.
- Vendor Selection.
- Performance Requirements.
- Pig Tracking.
- Results and verification.
- Future Pigging Operations
- Specific Problems.

He went on to say that he would be prepared to share his experiences on pig tracking and defect location, and asked if any other Members were prepared to make any contribution. In response:

- i) Paul Mitchell confirmed that Unipen will be undertaking an on line inspection of the Manchester Jet line later in the year and that he would be prepared to give some feedback on the operation.
- ii) Ted Findlay confirmed that Innovene are currently inspecting TPEP, and that either Ed Reeder or he would provide feedback on their experiences.
- iii) Neil Jackson offered to make a presentation on the Intervals software package that National Grid uses to determine the pigging frequencies for pipelines.

In addition to the above it was agreed that:

- iv) Lindsay Boswell would ask Blair McKay if he would be able to report on the PLUG best practice discussions on the issue.
- v) Paul Mitchell would contact Phil Hopkins of Penspen if he would be prepared to give a talk on the PEDAM update.

It was agreed that Roger Ellis would prepare a questionnaire relating to on line inspection for completion by Members. The questionnaire to include details of pipelines which have been on line inspected over the past few years or are to be inspected in the next few years, the inspection company and type of tool used, defect variation, details of cleaning, gauging etc and details of any problems encountered.

Finally it was agreed that the nominated group should structure the session at the January meeting based on the above contributions and any feedback from the questionnaires.

**Action: Roger Ellis, Donal Cullen, Neil Jackson and Lindsay Boswell.**

## 5. Presentation by Jun Zhang on the Atmos International Pipeline Hydraulic Modeling Package.

Roger Ellis introduced Jun as he had originally suggested the presentation may be of interest to Members. He explained that Atmos had carried out successful work for Shell in this area and was keen to share details with Members.

The overheads used by Jun in her presentation together with a separate paper have been posted on the Members' section of the website –reference UKOPA/05/0117. The presentation covered:

- Description of the Hydraulic Simulation Software
- Examples of Hydraulic Simulation Applications
- Demonstration of Atmos LSIM

Three questions were put to Jun after the presentation:

*Question:* Does the system work with pipeline networks?

*Answer:* Yes it does.

*Question:* Have you considered linking it to an integrity model?

*Answer:* No we have not thought about the possibility, but it may be a good idea.

*Question:* What does it cost?

*Answer:* A one off license fee of around £40,000 depending on the application. The fee includes training.

The Chairman thanked Jun for an interesting and informative presentation and for the time he had spared to attend the meeting to do so.

Note: Jun's contact details are listed on the overheads – reference UKOPA/05/0117.

## 6. Notes of Previous Meeting and Actions arising – UKOPA/05/0076.

### 6.1 Notes of Previous Meeting.

The notes of the previous meeting were accepted as a fair record of discussions and will be signed by the Chairman.

### 6.2 Actions Arising not covered on the Agenda (note of previous meeting in brackets)

## 6.2.1 Emergency Planning Working Group (EPWG) (4.2)

- (i) Jane Haswell to arrange for the ACoP and guidance to be posted on the website.

**Action completed and closed.**

- (ii) Neil Jackson/Phill Jones to arrange for the Transco document relating to information to be supplied to emergency planners to be posted on the website.

Neil Jackson reported that it had been confirmed that this was a presentation (not a document) and that he had requested approval to circulate within UKOPA.

**Action: Neil Jackson.**

- (iii) Jane Haswell to arrange for representatives of the Emergency Planning Authorities to be invited to attend PERO courses.

Jane Haswell advised that she had contacted John Wilson of Sembcorp and that he would be keen to extend attendance at the courses to include representatives of EPAs but he would need contact details in order to do so. It was agreed that members would provide the details via Phill Jones.

Action: Members.

## 6.2.2 Risk Assessment Working Group (RAWG) (4.3)

Neil Jackson to provide a copy of the paper is to be presented at a conference in Lake Buena Vista, Florida in May 2005 for posting on the website.

**Action completed and closed.**

## 6.2.3 List of MAHP Operators. (7.4)

Phill Jones to respond to the HSE with any additional information provided by Members.

**Action completed and closed.**

## 6.2.4 UKOPA Fact sheet (7.4)

Phil Brown to progress this with the Transco PR Department.

Phil Brown reported that this action had been completed and that a poster had also been prepared. A number had been published but all had been used at the Onshore Pipeline Safety Seminar held at Wilton on the 20<sup>th</sup> September. More are to be published and will be circulated to Members.

**Action: Phil Brown.**

## **6.2.5 Emergency Planning Work Group**

*(i) Jane Haswell to speak to John Wilson regarding the possibility of providing a link from the UKOPA website to the Sembutilities site to avoid the need to continually update the UKOPA site.(7.9(i))*

Jane Haswell reported that John Wilson had now prepared a page relating to PERO courses for inclusion on the Sembcorp website. A link from the UKOPA site will be organised in the near future.

**Action: Jane Haswell.**

*(ii) Jane Haswell to progress the action on management of damaged pipelines (members operating liquid pipelines to consider whether they could make internal company procedures (or part procedures) available to EPWG for this purpose) as part of the ongoing action relating to the PD8010 questionnaire. (7.9(ii) (c))*

Jane stated that it had been proposed and agreed at the last meeting that this action should be progressed as part of the work on compliance with PD 8010 Section 13 (see agenda item 7), but as further work on this was confirmed as not required, and the original action was to produce guidelines for inclusion in the PERO course, this action has been referred back to EPWG.

**Action: Jane Haswell.**

## **6.2.6 Group of Experts to Advise the Commission on a Strategy for dealing with Accidents in the Transport Sector (refs UKOPA/04/0099 to 0101 inclusive) (7.10)**

*Tony Taylor to keep UKOPA informed of discussions.*

Tony Taylor advised that a further meeting of the Group had been held and that it appears to be the view – mainly from other working groups that there may be a move towards discussion of and possible recommendation for independent investigation of incidents. There was however no information offered on how this may be set up.

The Group appears to be very interested in the UKOPA Infringement Working Group but had little time to discuss detail at the meeting and will discuss at the next meeting.

**Action: Tony Taylor to keep Members advised.**

## **6.2.7 Safe Isolation of Plant and Equipment. (7.13)**

Phill Jones reported that he had been advised by Dave Perry that he and Stuart Kennedy had submitted comments at the beginning of June and that he has not received a later final draft since then.

**Action: Dave Perry to keep Members advised.**

## **6.2.8 Safe Working Distances from Wind Powered Generators (7.18)**

*Transco to seek the permission of GAS Unie to share results of the work with UKOPA Members.*

Neil Jackson reported that this Gas Unie had agreed to the release and that the report will be posted in the next few days.

**Action: Phill Jones.**

In response to a question whether the Association should consider preparing a UKOPA statement based on the report, it was agreed that Neil Jackson will produce a draft for agreement with the RAWG.

**Action: Neil Jackson.**

## **6.2.9 Hydrostatic Testing. (7.19)**

*The Chairman agreed to contact Brian to check if such an update could be provided relating to the presentation given to Members by Brian Woodhouse of Transco in September 2003.*

Tony Stonehewer informed Members that training of supervisors had been completed, and that technician training is currently being finalised through Murphy Testing Ltd and HTL.

**Action closed.**

**All other actions covered on the agenda.**

## **7. Feedback from the PD8010 Questionnaire.**

### **7.1 Actions Arising (13)**

Jane Haswell to:

- (i) Prepare a summary of the responses without names of member companies and circulate approximately 1 month before the next meeting, and that this be used to identify any gaps.

- (ii) Prepare a gap analysis for discussion at the September meeting when volunteers may be requested to form a small working group to update the best practice document for the January meeting.

Actions covered in the update.

## 7.2 **Update**

Phill Jones provided the update on this agenda item, and advised Members that the actions of the last meeting had been addressed through three documents which had been circulated in advance of the meeting:

- i) UKOPA/05/0107 - PD8010 Operations, Maintenance and Integrity Questionnaire – Summary of Responses.
- ii) UKOPA/05/0108 - PD8010 – UKOPA/99/0073 Gap Analysis.
- iii) UKOPA/05/0109 - PD8010 O&M Questionnaire (and Gap Analysis) Progress Note.

The findings are summarised in UKOPA/05/0109 and the conclusions were as follows:

### **Summary of Responses:**

- i) All members have systems and procedures in place which comply with the requirements of PD8010.
- ii) The completed questionnaires include comments/queries which should be reviewed and a decision taken on whether they should be addressed/debated as a separate issue as part of discussions at a future meeting.

### **PD8010 – UKOPA/99/0073 Gap Analysis:**

The main conclusions are that UKOPA/99/0073 does not cover installations as stated and does not include reference to certain aspects of operation and maintenance activities which are either listed in PD8010 or are a legal requirement.

The note listed possible options as follows:

- i) Withdraw the document and refer to PD8010 as the industry reference for operation and maintenance.
- ii) Amend the introduction on the website and the document itself to more accurately define its scope and purpose

- iii) Update the document to include reference to significant omissions

Following discussion it was agreed that Neil Jackson would progress option (ii) with a brief to enhance the document if considered essential.

**Action: Neil Jackson.**

## **9. H, S & E Issues.**

### **9.1 Incident in Holland**

Donal Cullen advised of an incident in Holland where three men had been welding on vent pipework associated with a condensate tank. An explosion occurred and one man was killed, one seriously injured and one suffered minor burns. The incident is still under investigation and the cause of the incident is not clear at this time.

### **9.2 Pipeline Incident in Pennsylvania**

Tony Taylor referred to an incident on an 8inch diameter multi product pipeline in Pennsylvania at a pig trap/offtake. The company had a policy of leaving pig trap isolation valves partly open to overcome thermal effects on product in the pig trap. Water had accumulated in the pig trap drain which froze leading to cracking of the connection which eventually blew off. The resulting gas cloud was ignited by

a passing car but fortunately the driver was unharmed. The incident raises a number of issues relating to (i) the policy of leaving the pig trap valve open, (ii) The type of valve used for isolation and (iii) The need to check low points for water accumulation.

### **9.3 Walnut Creek**

Jim Stancliffe referred to an incident where a water pipeline was being installed in close proximity to an oil pipeline. Untrained people supplied by the oil pipeline operator turned up on site to oversee the location and exposure of the oil pipeline. They made an assumption relating to the position of the pipeline and allowed digging to proceed. The digger damaged the pipeline which ruptured and the resulting oil spill tracked back to the water pipeline, ignited and killed five welders who were working on the water pipeline.

### **9.4 DSEA Regulations**

Tony Stonehewer asked if any Members were interested in sharing information on the assessment of mechanical equipment against the DSEA Regulations and, following discussion, it was agreed that Tony would prepare a short note for circulation to Members and discussion at the next meeting.

**Action: Tony Stonehewer**

## 9.5 Larkhall Judgment

Steve Chatfield suggested that Members might wish to read the Judgment relating to the Larkhall case which contains relevant statements on corporate responsibility.

## 10. IGE/TD/1 and PD8010 Code Supplement: Presentation by Rod McConnell and Jane Haswell on Progress and Work Completed to Date.

Jane opened this session by explaining there would be three presentations with the objective of bringing members up to speed with the work completed to date, current position and current programme for completion of the code supplements.

### 10.1 Development of Supplements to PD 8010 and IGEM TD/1 to Provide a Codified Approach for the Application of Pipeline Risk Assessment for LUP Advice to Local Planning Authorities.

The overheads used by Jane in her presentation have been posted on the Members' section of the website – reference UKOPA/05/0124. The presentation covered:

- Background to and purpose of the supplements to IGE/TD/1 and PD 8010
- The role of the pipeline codes and the value of the supplements
- An overview of the content, development process and current programme for publication

### 10.2 Development of Generic Pipeline Risk Transects for Derivation of LUP Zones

The overheads used by Rod in his presentation have been posted on the Members' section of the website – reference UKOPA/05/0127. The presentation covered:

- The principles of LUP, internationally and specifically in the UK
- The requirements for site specific risk assessment required to assess LUP developments
- The methodology developed to produce the distances to defined LUP zone risk levels which are to be included in the supplements.

Rod also gave an interactive demonstration of the risk calculation methodology, which showed the influence of specific inputs and assumptions on the risk transects produced and the distances to LUP zones derived for generic pipeline design cases.

### 10.3 Factors which Influence Failure due to 3rd Party Interference.

The overheads used by Jane in her presentation have been posted on the Members' section of the website –reference UKOPA/05/0125. The presentation covered:

- A summary of the key factors which influence failure due to 3<sup>rd</sup> party damage – machine type and size, pipe geometry, stress level and damage geometry
- The use of the UKOPA mechanical damage limit state to derive influencing factors for the effect of design factor and pipe geometry
- Application of risk mitigation measures

The following questions were raised after the presentations:

*Question:* Where is the existing TD/1 risk criteria curve applied?

*Answer:* Jane stated that the current work covers individual risk levels only, and does not include societal risk and ALARP considerations.

In discussion concern was expressed by members on how the decision process could be completed without consideration of societal risk and ALARP, particularly as PADHI implicitly includes aversion. Nigel Riley stated that MSDU do take societal risk considerations into account in the HSE LUP advice process. Steve Chatfield stated that the IGE/TD/1 does include societal risk criteria and an ALARP requirement, and therefore HID expect this to be applied by operators. Following more detailed discussion it was agreed that this requirement must be given further consideration, and it was agreed that the WGP HSE Technical Seminar to be held on 13<sup>th</sup> October provided a key forum for this particular issue. Nigel, Rod and Jane confirmed they would ensure the issue was discussed at the Seminar – see also agenda item 14.

*Question:* Does the risk calculation methodology take into account wind speed and direction?

*Answer:* Yes, the methodology applies current best practice in this respect.

*Question:* In relation to the risk transects for liquid (gasoline) pipelines shown in Rod's demonstration, is the main influence release rate?

*Answer:* Yes, the release rate together with the shut off time is the dominant influence.

*Question:* The current programme indicates that the supplements will be published in Q1/Q2 2006, how will any outstanding issues be addressed within this timescale?

*Answer:* This depends on the outstanding issues which will be clarified at the WGP HSE Seminar in October.

The Chairman thanked Rod and Jane for the presentations, and closed the session by acknowledging that a great deal of work had been carried out by Rod and Jane in development of the supplements to date, and thanked both Rod and Jane for their excellent presentations. He went on to reiterate that the Seminar in October was indeed a key event, and the opportunity must be taken at this Seminar to record the extent and details of agreement to date which can be immediately included in the code supplements, and

to identify any further work required to achieve a totally transparent approach to the use of risk assessment for LUP advice.

**11. Presentation by Jim Stancliffe of the HSE on Feedback from HSE Inspections of Contractors.**

The overheads used by Jim in his presentation have been posted on the Members' section of the website – reference UKOPA/05/0120. The presentation covered:

- 3<sup>rd</sup> Party Infringement Background
- HSE 3<sup>rd</sup> Party Strategy
- Infringement Project Outcomes
- Infringement Project Stages
- Utility Contracting Companies Intervention
- Questions raised by Ghislenghien
- Role of Client
- Role of Contractor
- Role of Operator
- Further Work

A number of questions arose during/after the presentation:

*Question:* Is there any evidence from the visits made as to how clients/operators put links in place with subcontractors?

*Answer:* The normal answer to this question is audit, but success is generally linked to the experience and competency of site supervisors who are key personnel.

*Question:* Many of the utilities have excellent paperwork and method statements but often it appears that there is a missing link between the office and site and that procedures can be adversely affected by other matters such as bonus, progress etc. What is your experience?

*Answer:* Similar experiences have been encountered and, again the experience of site supervisors is critical. As important is the need for an effective management system to control risks and sign on at Director level. In this connection it is intended that key practical issues will be covered at the cross utilities workshop and seminar to be held on the 7<sup>th</sup> December.

*Question:* Do you intend to revisit the top ten offenders?

*Answer:* Not at the moment, but we would if any were involved in further incidents.

*Question:* How were the top ten listed?

*Answer:* Purely on the number of infringements, there was no weighting applied to account for such things as number of infringements versus number of operations which could have resulted in infringements.

During the course of the presentation Jim asked to be informed of any work that was planned in the vicinity of any Members' pipelines which are not directly contracted by the pipeline operator. Jim's contact details are [jim.stancliffe@hse.gsi.gov.uk](mailto:jim.stancliffe@hse.gsi.gov.uk).

The Chairman thanked Jim for an extremely interesting and topical presentation and for the time he had spared to attend the meeting to do so.

## **12. Working Group Updates (R. Ellis and M. Harrison).**

### **12.1 Fault Database Management Group**

Roger Ellis updated Members as follows:

- The 4<sup>th</sup> Report on Pipeline Product Loss Incidents 1962 to 2004 has been posted on the website – reference UKOPA/05/0095, and the data is being used by Rod McConnell and Jane Haswell in code supplement work.
- Louise Chapman has taken over the role of Project Manager for Advantica
- Half day training courses for data inputters are to be held in early 2006 – details to be finalised.
- The Working Group has been asked if they would take on the reporting of UK data into the European Gas Industry Group (EGIG).

### **12.2 Infringement Working Group**

#### **12.2.1 Actions Arising (4.5)**

**Phil** – Six actions recorded which I assume that Mark will cover in the update but I suggest that he be asked to confirm this first.

#### **Infringement Working Group to:**

- Add two further fields to the reporting form.*
- Consider the development of a web based system so that Members can up date on line.*
- HSE proposal to make an input to 'Utility Week' – UKOPA to draft an article and Steve Chatfield to ask Jim Stancliffe to recommend magazines for publishing the article.*
- Confirm agreement for UKOPA to fund a venue for a joint seminar with NGT on asset protection.*

(v) The Working Group will circulate the communications for Members to complete and the Group will review and attempt to identify best practice.

(vi) Consider how the Transco video might be used at minimum cost as a best practice approach by UKOPA.

All actions arising covered in the update.

## **12.2.2 Update**

Mark Harrison provided a comprehensive update details of which can be found on the overheads posted on the website – reference UKOPA/05/0118. He noted that - thanks to all involved - the initiative has been very successful and referred to the following current activities initiatives:

- An annual infringement database report to be issued via an open ‘excavation safety’ page of the UKOPA website - format for website developed and report to be reviewed and agreed at next Infringement Working Group Meeting 20th October.
- The intention to run a UKOPA seminar targetting the ‘top 20’ infringers to involve them in discussion with us & HSE - superseded by UKOPA/NGT/HSE forum
- To combine with NGT asset protection forum - basis of forum has now been agreed and detailed planning is underway
- A number of UKOPA members have completed a simple communications matrix - to review what are we individually doing well that could be shared and made common - responses collated by NG for review at next Working Group
- Consider development and publication of a common UKOPA DVD on excavation safety - ideas will be reviewed at next Working Group
- Need to work with the new IDNs to promote continued consistency in surveillance and reporting into database

He completed the update by referring to the agreement to hold an event ‘Preventing damage the hazardous pipelines and services. This will be held at Stoneleigh Conference Centre Weds 7th December and will be jointly funded by NG, UKOPA and HSE.

## **13. Emergency Pipeline Repairs and Record of Pipeline Emergency Equipment and Spares.** **(D. Cullen). (11)**

### **13.1 Actions Arising**

Members to advise Donal Cullen if they are interested in progressing the issue and, if so, Donal to progress the matter.

Action covered in update.

## 13.2 Update

Donal Cullen reported that there had been little progress since the last meeting. He has written to the companies who have declared an interest in the support and requested basic information necessary for progressing discussions with Cliff Chenery of Ambergate, with whom he has a meeting on 27<sup>th</sup> September. A further update will be provided at the next meeting.

**Action: Donal Cullen.**

## 14. Pipeline Industrial - 2005 Rating Revaluation.

### No actions arising

Roger Ellis provided an update in line with the overheads which are posted on the website – reference UKOPA/05/0119. Key points are:

- The Valuation office has published its rates for 2005, and Members should have received details.
- The CP, construction costs and block valve elements are subject to negotiation.
- All negotiations to date have been without prejudice so the options are to agree or to start again.

Roger completed the update by asking Members to report any approaches to himself, Keith Norman or Phil Glenwright.

**Action: Members**

## 15. Future Presentations.

### 15.1 Actions Arising

- (i) Roger Ellis, Donal Cullen and Mark Harrison to organise presentations for the September meeting.(5)

**Action completed and closed.**

- (ii) Donal Cullen, Roger Ellis, Neil Jackson and Lindsay Boswell to proposing a framework at the September meeting for a presentation on pigging at the January 2006 meeting.(5)

**Action completed and closed.**

- (iii) Chairman requested Members to continue to consider possible contenders for future meetings and to submit recommendations regarding presentations at any time.(14)

**Action ongoing.**

## **15.2 Update and Presentations for the next Meeting**

Phil Brown opened this agenda item by recapping on the conclusions of discussions at the last meeting on the format of future meetings. The feedback from Members relating to the issue had been summarised as follows:

- i) Greater participation by Members.
- ii) A higher emphasis in operational/day to day matters.
- iii) Careful selection of presentations which are relevant to Operator activities.
- iv) More focused reporting by the Working Groups.
- v) Less administrative/financial discussions – these should be covered by the Management Council.

He went on to say that in line with this feedback an operational issue has been selected as the focus for the January meeting and, following earlier discussion, this will include good participation from Members. In the same vein it is hoped that an operational subject can be identified for future meetings.

In terms of additional presentations for the January 2006 meeting, he advised that current offers/suggestions for presentations are:

- i) ICAM (Integrity Compliance Audit Manager) software - Graham Galbraith – sponsor Phil Brown.
- ii) HSE's Interpretation of ALARP - Andy Rushton of the HSE – sponsor Neil Jackson.
- iii) Inspection of Inaccessible pipes using guided wave technology – Ian Drummond of RBG Mach Ten – sponsor Phill Jones.
- iv) Use of radio-isotope tracers in fault finding and problem solving in process plants and pipelines – Lee Robins of Tracero – sponsor – Rod McConnell.

In discussion it was agreed that items iii) and iv) would be align well with the focus of the January meeting, and Rod McConnell and Phill Jones were asked to make contact with the presenters to confirm availability.

**Action: Rod McConnell and Phill Jones.**

In further discussion, and following the presentations by Rod McConnell and Jane Haswell, it was also agreed that the subject of risk/risk criteria may be an appropriate focus for the May 2006 meeting. In particular it might be helpful to Members to have hypothetical development cases presented and how these might be managed against the background of PADHI, the code supplements and taking account of both individual and societal risk. It was agreed that this would be further discussed/developed at the next meeting.

**Action: Phill Jones.**

## 16. Standard Pipeline Crossings (Donal Cullen/Neil Jackson).

### 16.1 Actions Arising (7.2)

*Donal Cullen and Neil Jackson to prepare a draft UKOPA document based on the Transco document for consideration by Members.*

No progress to report.

**Action: Donal Cullen and Neil Jackson**

## 17. UNECE Draft safety guidelines /good practice for pipelines

Martin Price presented this item in the absence of Peter Davis and a copy of the overheads used in the presentation are posted on the website – reference UKOPA/05/0121.

The item was included on the agenda to draw Members' attention to the fact that the United Nations Economic Commission for Europe (UNECE) are in the process of preparing guidelines for the Protection and use of transboundary watercourses and international lakes (Water Pollution). UNECE guidelines are not law but the organisation is well respected and there is a possibility that the guidelines could be adopted by local government or the EU or become part of the EU PSI. A first draft has been prepared and commented on and a second draft is to be issued.

Peter Davis recommended that the next steps should be:

- To obtain a copy of 2nd Draft for UKOPA
- To feed any comments back via CONCAWE
- To provide and update at next meeting

The recommendations were supported.

**Action: Peter Davis.**

## 18. Any Other Business.

### 18.1 UKOPA Leaflet and Poster

Roger Ellis asked if these could be circulated in electronic format as well as hard copy, and Phil Brown agreed to action the request.

**Action: Phil Brown**

## **18.2 Newcastle University MSc Course in Pipeline Engineering.**

Rod McConnell proposed that the Association donate a prize of £100 to the best student on the course as it had done for the past two years. The proposal was unanimously supported.

Rod also noted that Julia Race of GE Systems had been appointed as a lecturer on the course.

## **18.3 Feedback from the Meeting**

The Chairman invited feedback from Members regarding the format of the meeting, and there was general agreement that the presentations had been very good, well presented and had stimulated interest and wide ranging discussions.

One Member reported that he had received comment from within his company suggesting that H,S &E issues should be first on the agenda and that there should be more emphasis on accidents, near misses, industry initiatives and more sharing of experiences.

## **18.4 Paul Docherty – Last Meeting**

The Chairman noted that this was Paul Docherty's last meeting as he will be leaving Semcorp in the near future and, on behalf of all Members, he thanked Paul for his commitment and support to the Association over the time of his involvement.

## **19. Dates and Venues of Future Meetings.**

18<sup>th</sup>/19<sup>th</sup> January 2006 – to be hosted by Total (UK) Ltd.

17<sup>th</sup>/18<sup>th</sup> May 2006 – details to be confirmed.

20<sup>th</sup>/ 21<sup>st</sup> September 2006 – details to be confirmed.

Signed: (Phil Brown) – Chairman.

Date: