

UKOPA

United Kingdom Onshore Pipeline Operators' Association

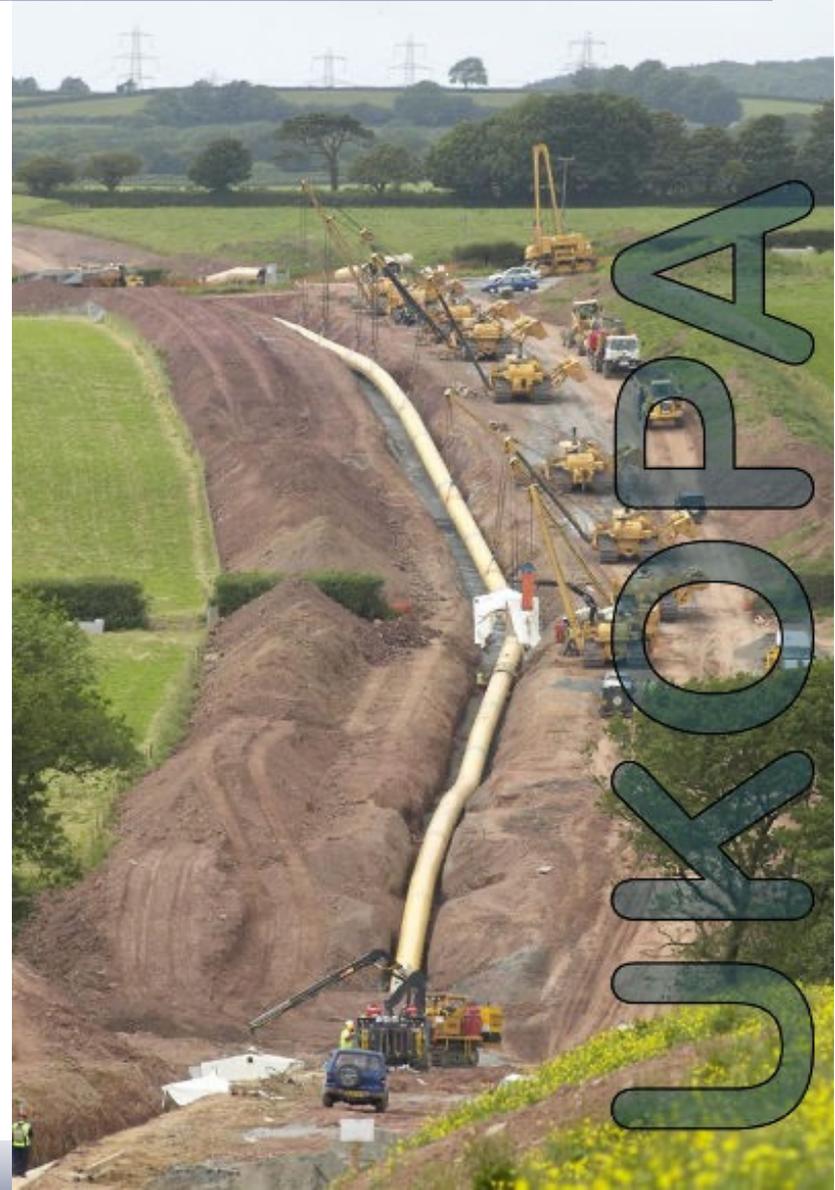
UKOPA Members Meeting Update

Grant Rogers
UKOPA Chair

VIA TEAMS

Tuesday 20th October 2020

www.ukopa.co.uk



TEAMS Meeting Etiquette

- For this session, please
 - Please ensure your **microphone is muted & webcam is off**
 - Use the chat facility to raise any questions during the session ... this will also allow us to get back to you with a response if we didn't have time to answer your question during the session

Competition Law Reminder

“This is a meeting of competitors and competition law must be strictly adhered to both during the meeting and any breaks. Discussion should be limited to the items on the agenda, which was circulated beforehand. There should be no discussion on sharing of commercially sensitive information such as price, costs, markets, investments. Should the discussion stray onto potentially sensitive topics you should object and insist that the discussion is immediately stopped.”

GDPR Reminder

- Is everyone happy with their name being added to the minutes?

Agenda

- Board Update
- Financial Review
- Working Group updates
- HSE Update
- Thanks & Close

UKOPA Overview

- UKOPA is an industry group comprised of UK onshore pipeline operators
- UKOPA exists to provide the recognised and authoritative view of UK pipeline operators on strategic issues relating to safety management, operations and integrity management of hydrocarbon pipelines. It seeks to effectively influence the development and implementation of pipeline related legislation and standards for the mutual benefit of all stakeholders
- Produces Good Practice Guides and Technical Bulletins and carries out research to support the industry

UKOPA Organisation



Chairman



Board of Directors



Members



International Associates



Technical Consultants



Board Update

- May and October Board Meetings via MS Teams
- May/June and Sept/Oct Working Group meetings via MS Teams
- 5 UKOPA Webinars
 - 3 by FARWG covering:
 - Fault data & FR1 forms
 - Assessing risks (QRA & TD/2) and CBA
 - ALARP and GPG25 (4/6/20, 18/6/20 & 2/7/20)
 - PSWG
 - PSAT overview (23/7/20)
 - EPWG
 - Hazard Awareness (10/9/20)
- The webinars averaged over 40 attendees at each session thanks to Simon Joyce (FARWG chair) for instigating these

Board Update

- **NUAR Update**
 - Volunteers needed to join a review group
- **Member update**
 - ESB Carrington taking membership to 31 (Matthew Benson)
- **UKOPA Finances**
- **Future events**
 - HSE Liaison Meeting 11th Nov 2020
 - February 2021 Board / Members meeting MS Teams
 - May 2021 Technical Seminar – replaced by Webinars
 - October 2021 Board / Members meeting (in person if possible)
 - Quarterly communications to be sent out

Board Update

- **Members Centre relaunch in November 2020**
 - Details to be sent to members separately
- **UKOPA E-Newsletter**
 - Publication in December 2020
- **UKOPA Strategy**
 - Complete review at December Board meeting
 - Working Group alignment of workplans Jan/Feb 2021
 - Presentation to February 2021 Members Meeting
- **UKOPA Board**
 - Grant Rogers to continue as Chair from Feb 2021-22
 - Vice Chair being considered by Board

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UKOPA Long Term Financial Review and Membership Fee Proposal 2020- 2025

Feb 2020 – reviewed Oct 2020

Peter Davis

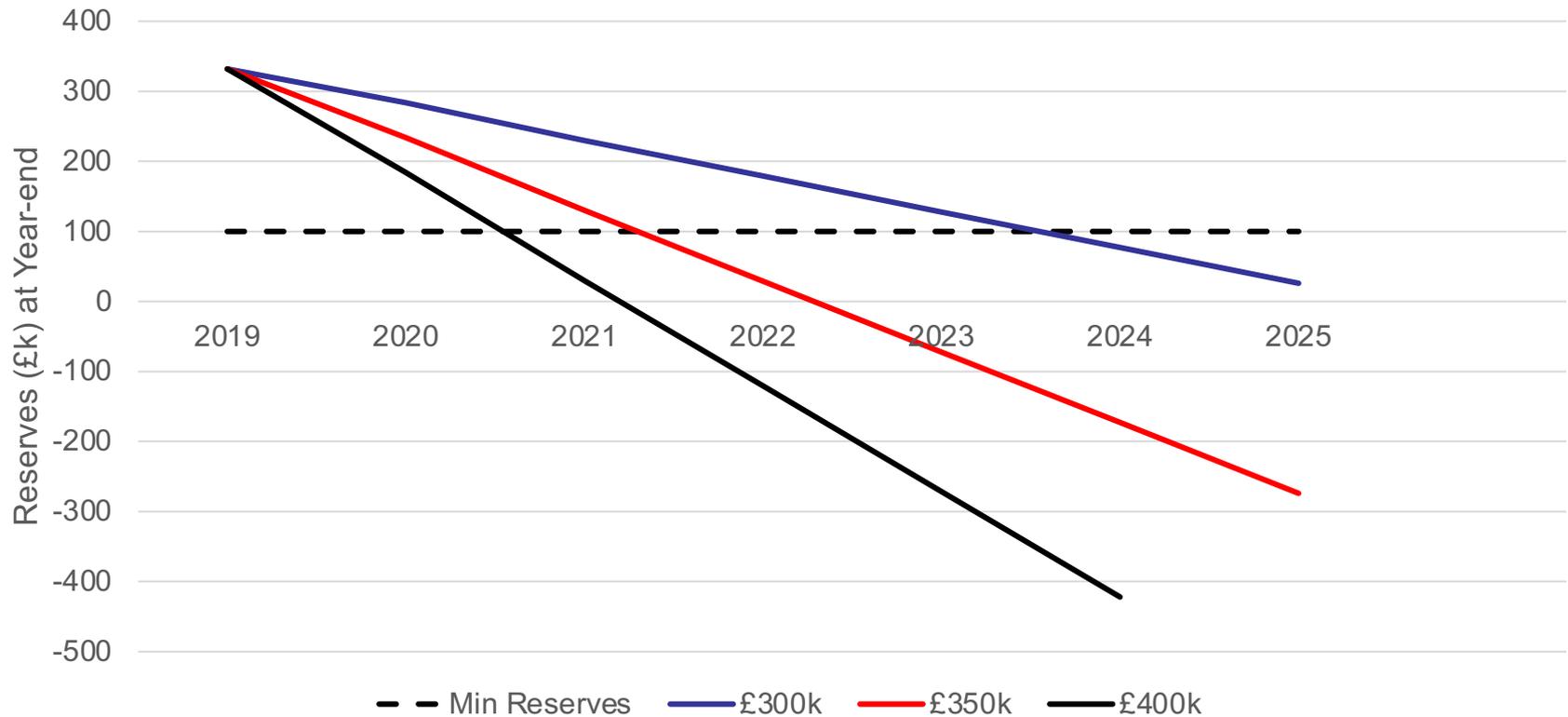
UKOPA Vice-Chair

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Maintain £8,300pa

Reserves Forecast based on Annual Expenditure and 30 Members



UKOPA Membership Fees

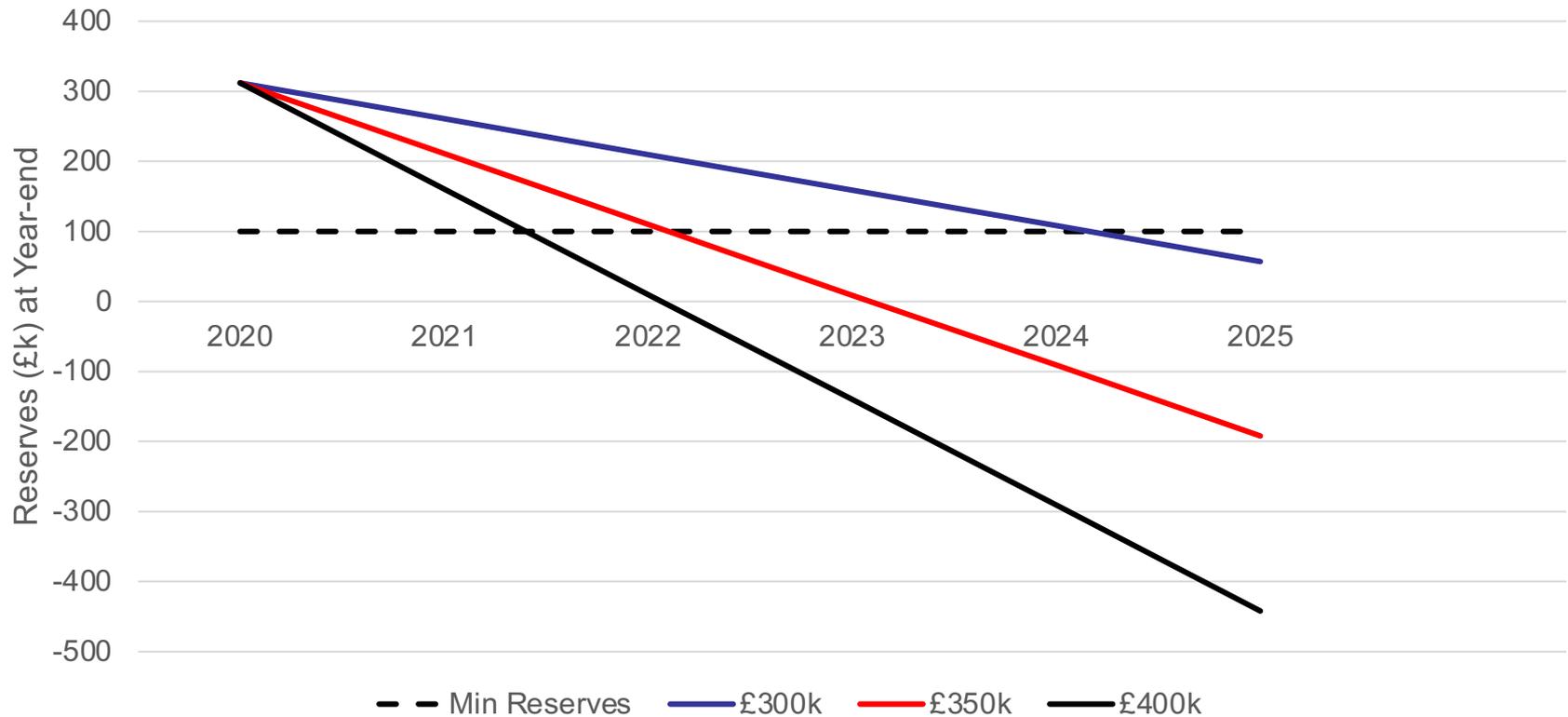
- The Board have been reviewing the future levels for Members contribution to the UKOPA (Membership Fees) for the period 2021 to 2025.
- Strategy based on:-
 - Various options for work level (annual expenditure)
 - Base running costs of organisation
 - Current membership level
 - Impact assessment of Membership reductions
 - Continuation of a single membership fee
 - A minimum reserves level of £100k (Working capital)

Proposal for 2021 to 2025

- **Option 1**
 - No change to Membership fees
- **Option 2**
 - Budget to achieve annual spend of £300k
 - Increase Membership fees to £9k
- **Option 3**
 - Budget to achieve annual spend of £350k
 - Increase Membership fees to £10k
- **Set for 2021**
- **Review annually - Spend and number of Members**
- **UKOPA Board recommend Option 2 – Agreed by Members**

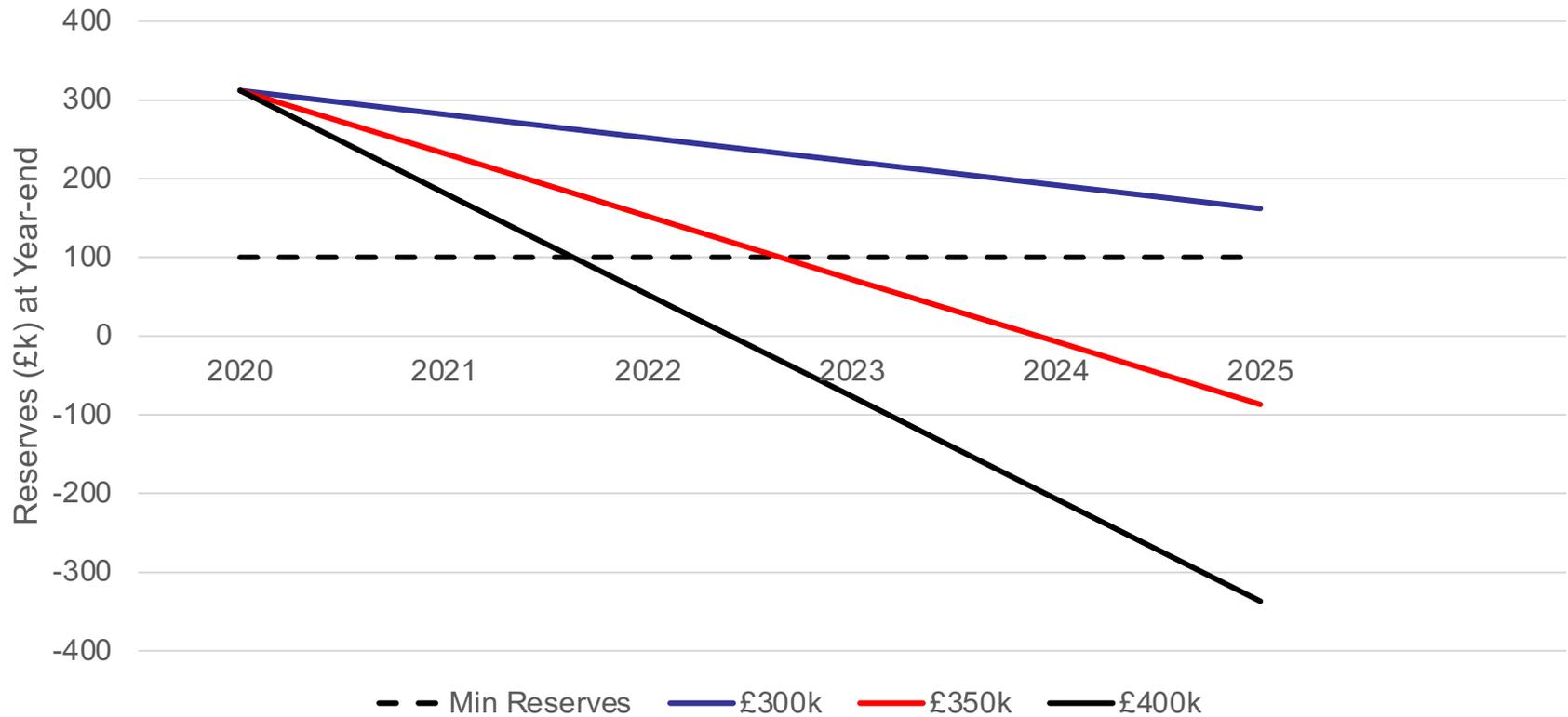
Maintain £8,300pa

Reserves Forecast based on Annual Expenditure and 30 Members



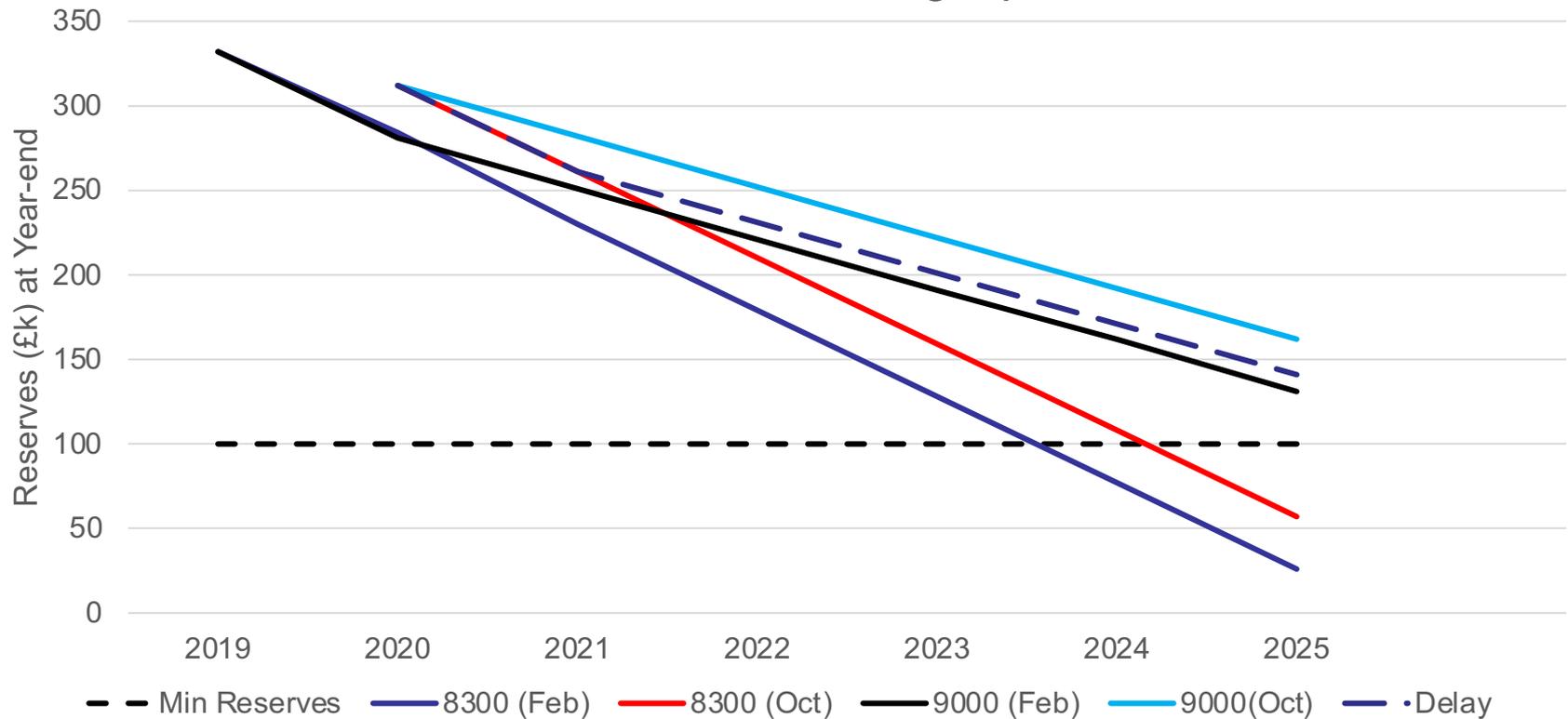
Increase to £9,000pa

Reserves Forecast based on Annual Expenditure and 30 Members



Comparison

Reserves Forecast based on Annual Expenditure and 30 Members and £300k Budget per annum.



Recommendation

- Board agreed to delay change from £8,300 to £9,000 by one year commencing 2022

Questions?

- Gary will pose questions from the chat



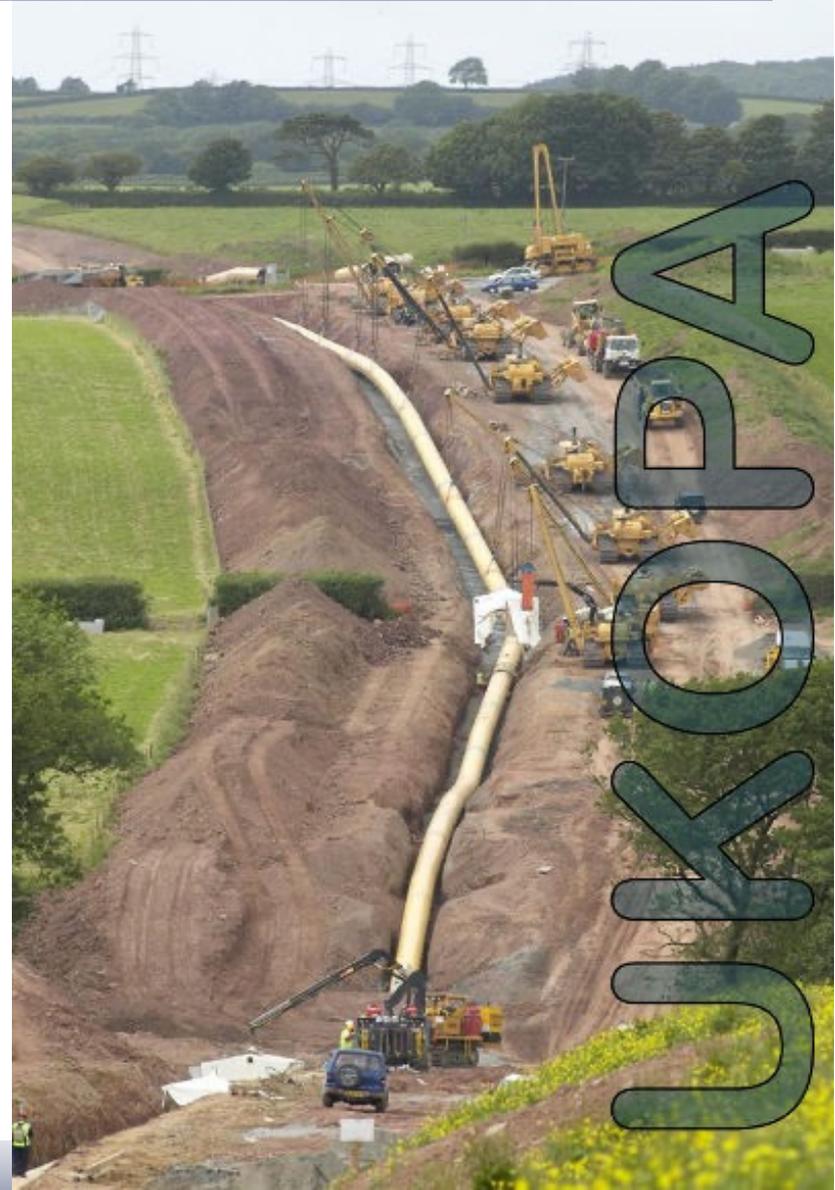
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PIWG

Tim Rudd
PIWG Chair

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PIWG Update – Current Research

○ Pipeline Sleeve Project

- Chris Lyons progressing this project to evaluate how/if corrosion rates differ under sleeves. Anticipate 26 days work to review the 155 ILI report's proposed by operators, aim to complete this analysis by end of Q1 2021.

○ Review of faults on non-piggable pipelines

- A simple model has been produced to estimate the number of 'missed faults' on non-piggable pipelines. This model currently contains a number of assumptions and simplifications that are subject to further refinement. By the end of 2020 PIWG plan to complete the analysis, develop probability of failure models for piggable and non-piggable pipelines and report the findings.

○ MOP Affirmation

- The project focusses on affirmation of MOP / MAOP required for the revisions to TD/1 and PD 8010-1.
- Recommendations arising are that:
 - The requirement for a pipeline to be derated if the pressure is 7 bar or greater below the MOP for a period of 5 consecutive years should be removed
 - The measure given in Section 7 (of the report) should be applied to prevent and investigate potential external interference damage
 - The MOP affirmation procedure should include a statement recording the measures taken to ensure there are no instance of undetected / unreported external interference damage
 - In the event that a pipeline has operated at a pressure 7 bar or greater below the MOP for a period of more than 5 consecutive years, the pressure may be raised to the MOP providing
 - A statement recording the measures taken to prevent and control external interference is in place
 - The requirements of clause 12.4.4 (of IGEM/TD/1) are met, and
 - The pressure raising is carried out in accordance with the procedure specified in clause 12.4.4.5 (of IGEM/TD/1)
- The next steps are for the PIWG to approve the report and grant permission to share it with the IGEM/TD/1 review panel.

GPG's and TBN's – Current Status

- **GPG 34 Life of Temporary repairs**
 - Teleconference held with subgroup on 9th October, requesting samples of existing temporary repairs to allow further analysis.
- **GPG/31 DC interference**
 - Final draft received from Pat Lydon. Report is very comprehensive, but a little unwieldy. PIWG propose using a technical author to draft a short 'signposting' document to identify key sections and act as a quick reference/familiarisation guide for the main document (N.B. also plan to do this for AC interference). Proposal received from a technical author, with PIWG for consideration
- **TBN/13 Wild Fires**
 - Basic information received from 3 members. Proposal is for N.B. to put the draft, along with some further information found by JH into a TBN folder (TBN/13) and have it there for reference by members to be revisited if at some point in the future something further was required.
- **GPG/33 Pipeline decommissioning and abandonment**
 - Questionnaire produced and circulated to PIWG members looking for any guidance documents/standards used when decommissioning old assets. Members have been requested to provide comment by the end of October and return the completed form by the end of the year. Subgroup being formed to progress this project, initial meeting on 2nd October.
 - NOTE: A member has received a query from Ian Renshaw (HSE) as to what guidance was available in this area, and as such, this may become a focus for the HSE moving forward.

GPG's and TBN's – 2021 Work Plan

- **GPG 001 Management of reduced depth of cover**
 - Expected to just be an editorial updated
- **GPG 004 Management of pipeline dents**
 - Update/revision planned to take account of operator experience and any incidents – INEOS FPS have agreed to input into a review
- **GPG 005 Management of pipeline sleeves**
 - Review required as this document may need to be updated to take account of the current work on sleeves on unpiggable pipelines
- **GPG 006 Impact protection slabs**
 - Requires update to include information on plastic slabs. Cadent and NG have agreed to provide information on work they have carried out in this area
- **Near neutral pH and high pH stress corrosion cracking –**
 - Updated required to remove references to a specific European pipeline operator

Ongoing Research Programs

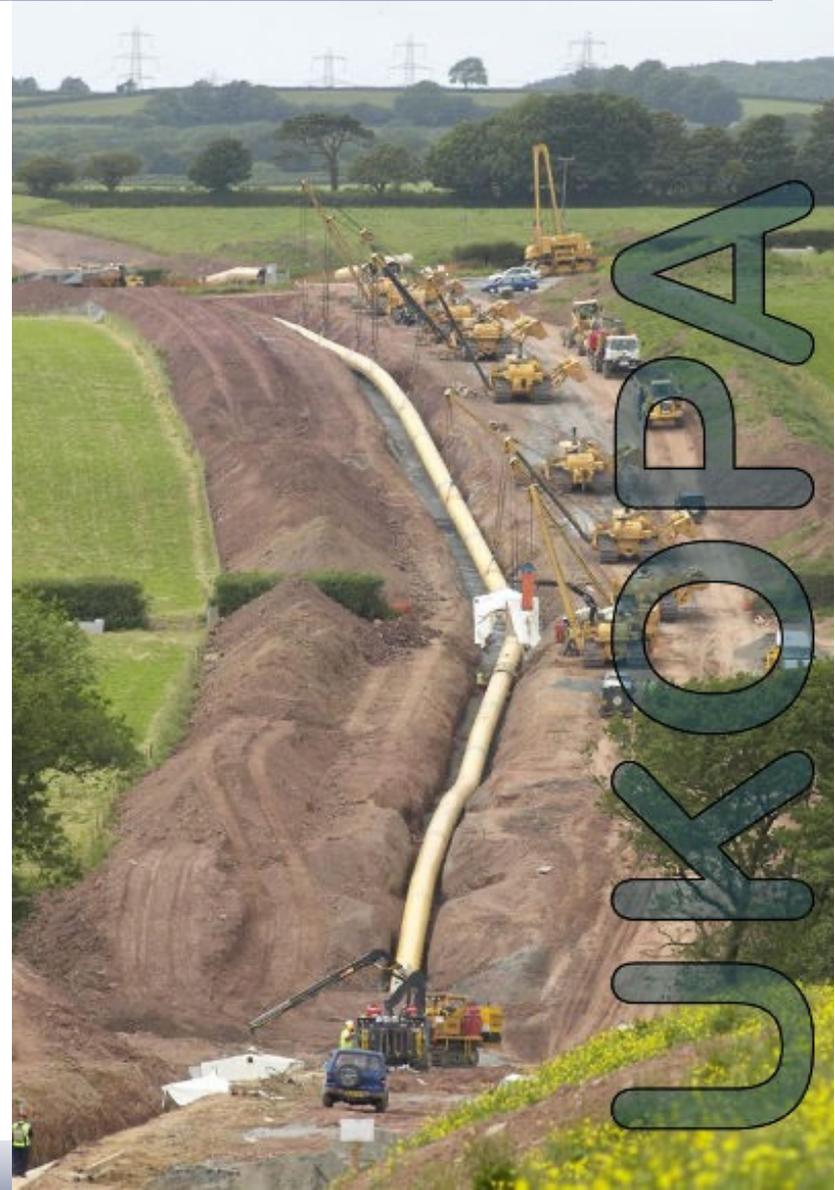
- **Weld Quality Project**
 - Good reception to paper at PPIM in February 2020
 - On-going support from PIWG members; further samples from current cut-outs being sent to Ambergate in preparation of future potential research
 - Considering further research in 2021 (Potentially more fatigue analysis)
- **Temporary Repairs**
 - Sub-Group working on document to cover Temporary Repairs
 - What are they, where can they be used, how long do they last?
 - Currently investigating potential research on life of bolted clamps
 - Evaluating seal life/degradation over time and life of polymeric compounds used as fillers
 - Requesting pre-used TEAM/Furmanite clamps from operators if possible (ideally still on cut-out sections, or if not with filler material still attached)
 - To be stored at Ambergate alongside Weld Quality samples until research program identified
 - Codes recommend inspecting 'temporary' repairs periodically – aim of this subgroup will be to develop guidance on what to look for and the degradation methods to be aware of
- **ESR Strategy**
 - ESR Vendor Qualification documents developed by ROSEN, currently under test by John Ferrari/ESSAR

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EPWG Update

Andy Middleton
EPWG Chair



Working Group

- 12 members;
- Andy Middleton Northern Gas Networks (Chairman)
- Nikki Barker UKOPA (PIE Secretariat Support)
- Andy Fuller UKOPA (PIE Technical Support)
- Martin Burrows National Grid
- Bob Wilkins National Grid
- Clive Zanker BPA
- David Butterfield CLHPS
- Robert Greaves National Grid
- Thomas Hawkesworth Sabic
- Steve Carter Cadent
- Paul Boyle Shell
- Nicholas Spray Esso
- Marc Hutson Centrica
- Adrian Peck Uniper
- 2 x group meetings since last members meeting; 3rd June & 30th September

PERO (Pipeline Emergency Response Officer)



- Developed by UKOPA for UKOPA members
- No reductions as run at cost
- 2020 cost - £1123
- 1st half of year all 4 courses cancelled
- Members consulted
- 2x courses running in Oct/ Nov – both fully booked
- 8x courses requested with FSC for 2021
- Joining instructions and some course material updated



PERO

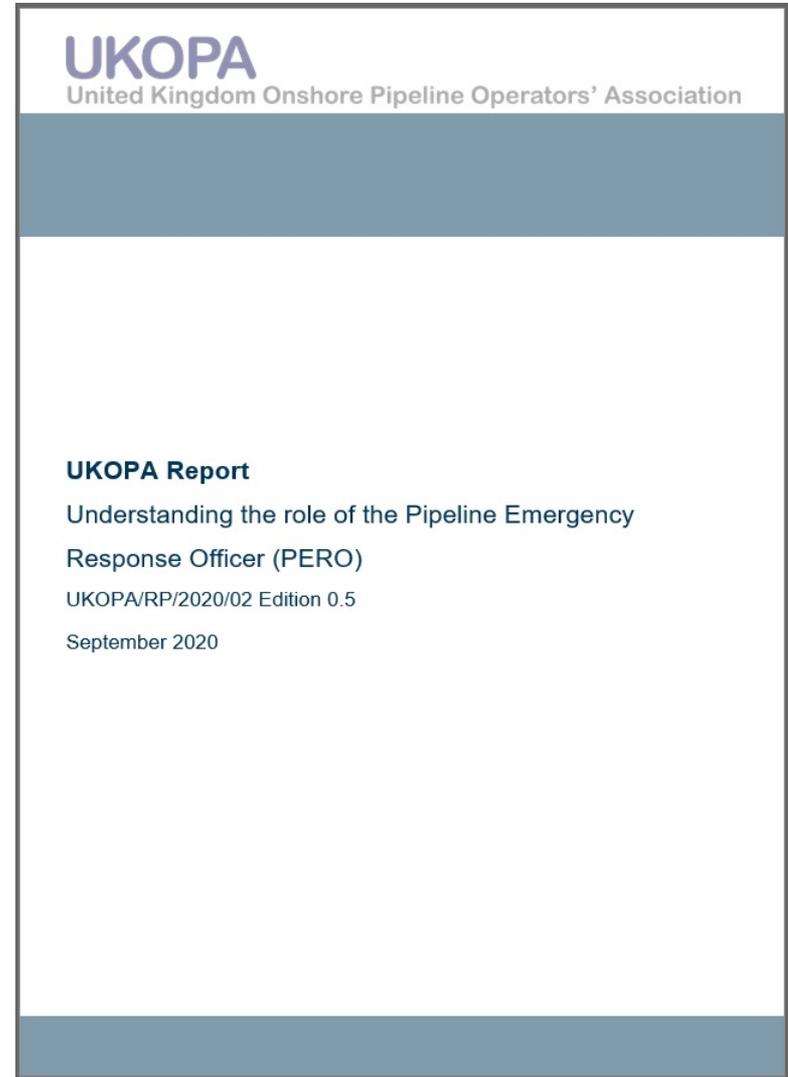
- New takeaway from course including:
 - Weatherproof folder
 - Clipboard
 - Copy of course material
 - Badged with UKOPA logo



PERO



- Guidance document produced for senior management detailing:
 - Roles and responsibilities
 - Stakeholder interoperability
 - Competency
 - PERO course overview



Hazard Awareness



- September course cancelled and replaced with a webinar – attended by 54 people
- Provisional date of Wednesday 7th July 2020 booked at Spadeadam

What's next?

- Technical briefing note produced on 'UK Regulatory Guidance in the development & testing of pipeline emergency plans' – focusing on legislative requirements vs good practice
- GPG with FARWG / IWG 'Managing developments and works in close proximity to pipelines'
- Ongoing development of PERO and Hazard Awareness Courses
- Emergency Planning Good Practice Workshop – EPC York Summer 2021

EPWG – 2021 Schedule

Event	Date	Location
EPWG Meeting 1	3 rd February	TEAMS
EPWG Meeting 2	26 th May	TEAMS
Hazard Awareness Course	7 th July	Spadeadam, Cumbria
EPWG Meeting 3	29 th September	EPC, York
Emergency Planning Workshop	30 th September	EPC, York

Questions?

- Gary will pose questions from the chat



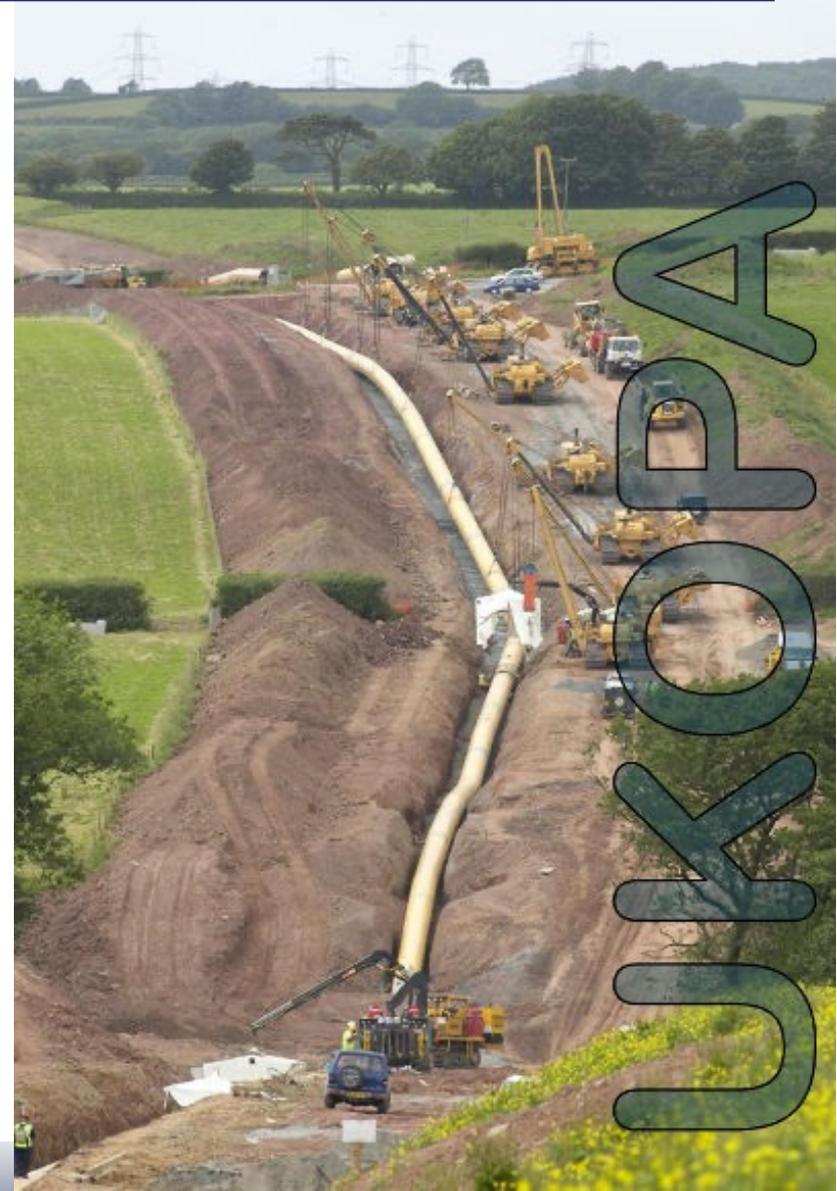
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FARWG Update

Simon Joyce
FARWG Chair

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FARWG – Current Membership

- | | |
|------------------------------|------------------------|
| 1. Simon Joyce | SGN (Chair) |
| 2. Nikki Barker | PIE (Secretary) |
| 3. Ryan Bentley | Cadent |
| 4. Kristina Brazenaite | Northern Gas Networks |
| 5. Dave Brown | Essar |
| 6. Daniel Dowling | Gas Networks Ireland |
| 7. Daniel Milne | Valero |
| 8. Darren Cushen | Wales & West Utilities |
| 9. Stephen Humphrey | CLH-PS |
| 10. Fridolin Jenny | Swissgas |
| 11. Graham Pailor | Sabic |
| 12. Steve Potts | National Grid |
| 13. Richard Price | BPA |
| 14. Nick Procter | CATS |
| 15. Antonio Caraballo | Ineos |
| 16. <i>Mike Acton</i> | <i>DNV GL</i> |
| 17. <i>Graham Goodfellow</i> | <i>PIE</i> |

Summary

- **2020 Meetings:**
 - 14th January – BPA, Kingsbury
 - 5th May – Virtual Meeting
 - 8th September – Virtual Meeting
- **Key activities in 2020:**
 - Develop TBN/GPGs.
 - Leak & Fault Database Update.
 - Product Loss 2020 report.
 - Review FR1 process and form.
 - Review of FARWG terms of reference and strategy.

Good Practice Guides



Good Practice Guides		Complete	Progress
1	GPG Environmental Risk Assessment for Pipelines.	20%	Scope being progressed (and issued for quotations)
2	GPG for Management of Works Near HP Pipelines	10%	Collaborative GPG with the EPWG

TBNs



Technical Briefing Note		Complete	Progress
1	Collecting & Reporting Fault Data (incl.FR1 form)	100%	Data structure reviewed and fault collection seminar in 2019. End of Feb 2020 for comments.
2	Effect of Pipeline Surveillance on Risk	100%	Governance
3	Oil Pipelines Drain Down Study	90%	Draft with Graham Goodfellow and Richard Price before FARWG review.
4	Managing Encroachment & Societal Risk for Oil Pipelines	50%	TBN

2020 FARWG Review

- 14th January 2020 - Workshop to ascertain the views on the ongoing strategy of the FARWG.
- Strong feedback from the working group.
- Some of the main strategy points are:
 - Different fluid types – H₂, CO₂, Biogas
 - Ground movement – failure rates similar to TPI – should this be given further considerations
 - Assessment of areas missed in surveys e.g. CIPS / DCVG – what is the process to go through
 - Alternative (Non-QRA) Risk Assessment Methods
 - Guide on what goes into / methodology of QRA
 - Environmental Risk Assessment for Pipelines

FR/1 Update

- **FR1 Update**
 - 19th June 2019 meeting.
 - Database clean-up needed.
 - TBN has been written for a guide for FR1 capture with new form.
 - Now published.

UKOPA Product Loss Incidents and Fault Report



- 2019 report is being compiled.
- Some operators need to provide their data to FARWG.
- Remember this report is useful to you as members.
 - Land Use Planning (LUP) – The data is used to develop predictive model for external interference failure frequency. Without this data LUP planning zones will increase with more development compensation.
 - Pipeline QRA & QRA Code Supplements – This information will be used heavily for the new updates to TD2.
 - To understand fault data of the UK pipeline networks and the condition they are in.
 - This data is used as evidence to allow policies and procedures to change.

FARWG – Webinars

- COVID-19 pandemic has changed the way we work.
- FARWG set up a series of three webinars over the summer. Presented by Graham Goodfellow.
 - 4th June - UKOPA Fault Data - why it's vital for operators and how we collect it (UKOPA/TBN/11)
 - 18th June - Overview of pipeline QRA and IGEM/TD/2
 - 2nd July - ALARP and cost benefit analysis (UKOPA/GP/025)
- If you as members want more of these webinars on certain FARWG subjects then let me know.

TD1 Update

- Population Density – T Areas
 - Four stage review with DNVGL
 - To provide population density limits and provide recommendations
- Review of IGEM/TD/1 MOP Affirmation Requirements
 - PIE/R/20/0474 report has been circulated to UKOPA members with the recommendation that:
 - The requirement for the pipeline to be derated if the pressure is 7 bar or greater below the MOP for a period of 5 consecutive years should be removed.
 - The measures given in Section 7 should be applied to prevent and investigate potential external interference damage.
 - The MOP affirmation procedure should include a statement recording the measures taken to ensure there are no instances of undetected/unreported external interference damage.
 - In the event that a pipeline has operated at a pressure lower than the MOP, the pressure may only be raised to the MOP providing:
 - a statement recording the measures taken to prevent and control external interference is in place;
 - the requirements of Clause 12.4.4 are met; and,
 - the pressure raising is carried out in accordance with the procedure specified in Clause 12.4.4.5

FARWG Ongoing Agenda Items

- Land Use Planning issues.
- Revised 2021 TD/2 for comment
- Development of Environmental CBA to demonstrate ALARP GPG
- Take key points from the FARWG review and implement.
- Hydrogen – Regular updates at the meetings.
- 2021 meeting dates
 - 12th January, 4th May and 7th September

Questions?

- Gary will pose questions from the chat



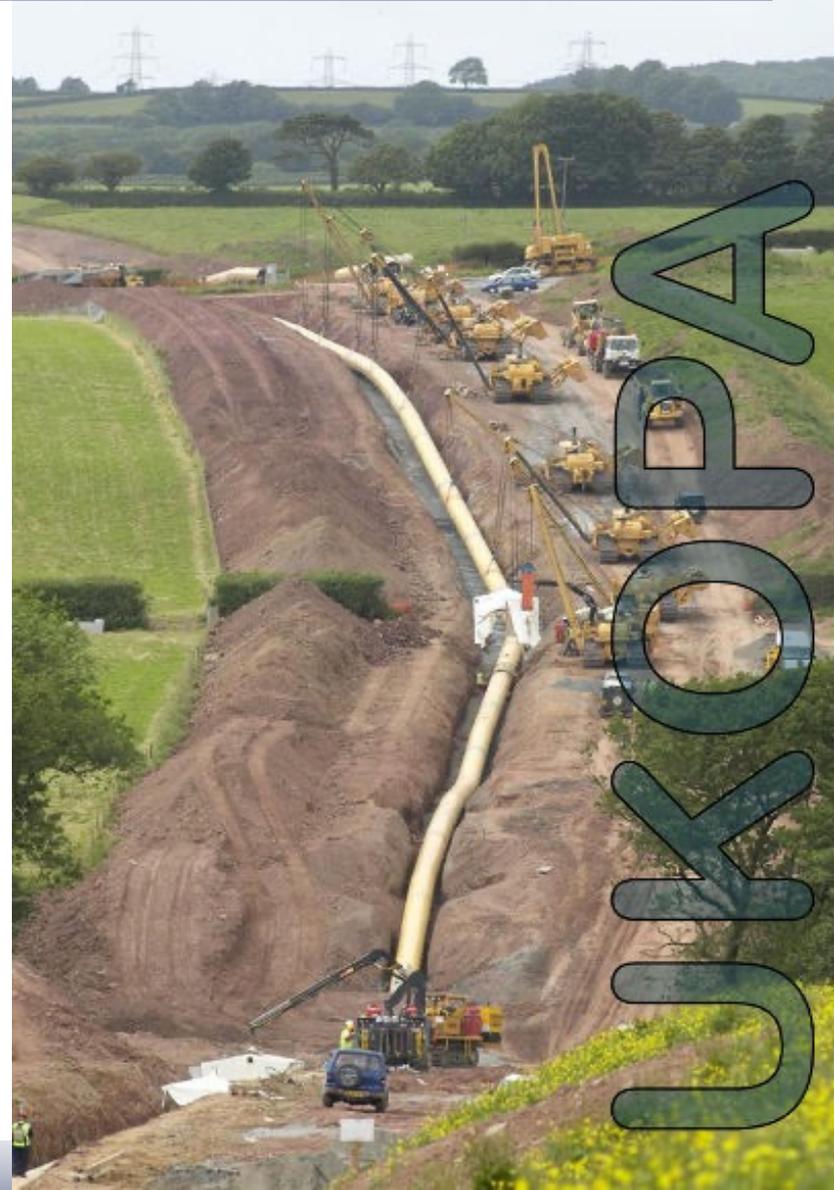
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IWG Update

Phil Taylor
IWG Chair

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IWG Update

- 2020 Work Programme Update
 - Progress on Good Practice Guides
 - Working with Agricultural Colleges
 - New UKOPA Safe Working Video
 - Safety Briefings

Good Practice Guides - Working Safely Near High Pressure Pipelines



○ Contractors Good Practice Guide



Issued to members for distribution from September 2020

2020 IWG Work Programme

- Completed and published contractor GPG
- Agricultural college course
 - Contact being established with two colleges in England and Scotland to trial programme
- New Working Near High Pressure Pipelines video
 - IWG agreed draft script and content
 - 1st session filming taking place, 2nd day scheduled for December 2020
 - 'Premier' scheduled for pre-Christmas 2020 (watch this space!!!)

Safety Alerts

- Another reminder to submit these please!!

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**UKOPA SAFETY
ALERT**

BPA UPLX

2020/11

28th February 2020

This safety alert identifies issues, occurrences or incidents from the UKOPA membership. All content is for information and guidance, it should not be considered obligatory against the judgement of Pipeline Owners/Operators/Contractors



Questions?

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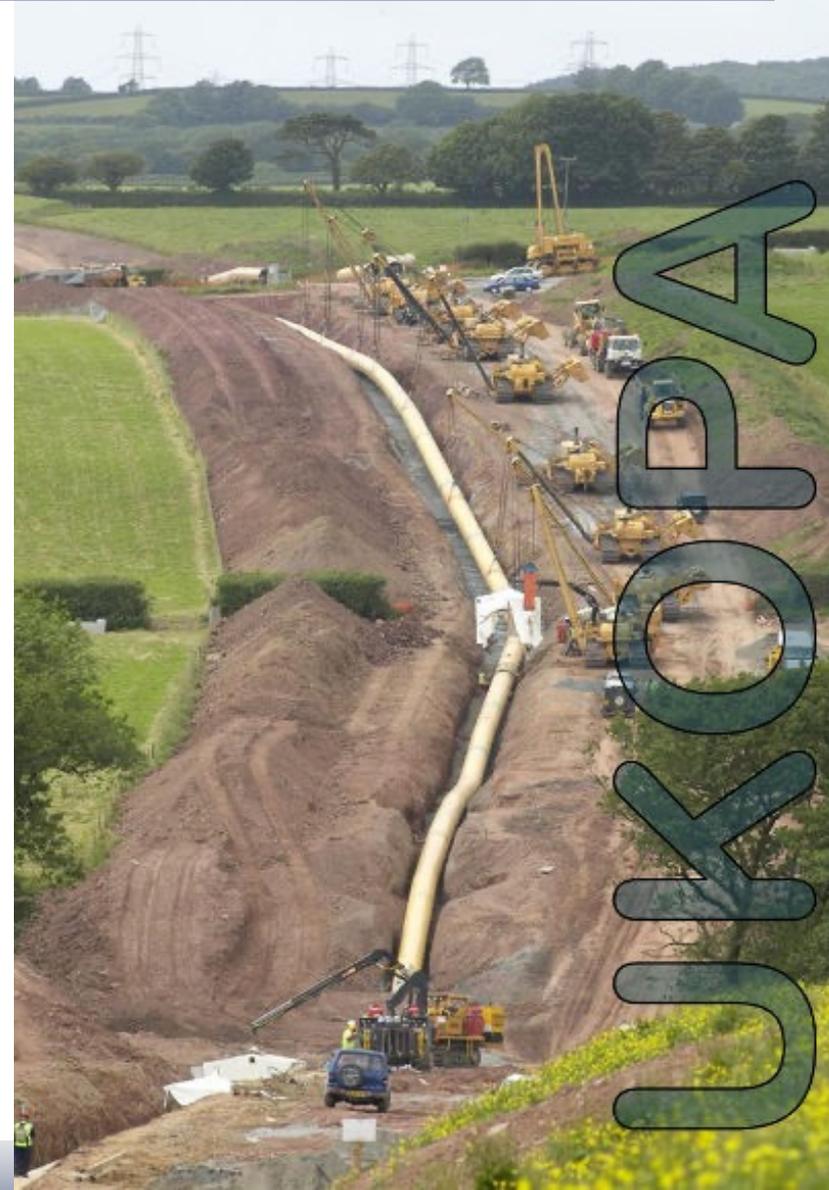


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PSWG Update

John Ferrari
PSWG Chair



PSWG 2020

- Meetings held in June and October with over half of the 14 members in attendance at each
- Most recent meeting covered
 - Pipeline Process Safety Studies and Methodologies – document for sign off
 - PSAT – review and sign off of reports / next steps
 - PSWG – workplan focus for 2021
 - Process Safety Forum

PSWG (current) Remint

- Conduct 2-yearly PSAT survey and prepare report
- To produce / update GPG and TBNs
- Review and issue safety bulletins with a process safety bias
- Agree and publish safety bulletins, learnings and incident awareness raising

Process Safety Work Areas

- In order to identify future work areas, members were requested to identify key process safety concerns
- The issues raised were grouped and prioritised
 1. Process safety reviews
 2. Behavioural safety / human factors
 3. Safety culture & leadership
 4. Management of change (leadership)
 5. Process Safety KPIs
- The guidance document (1) has been completed by Ristec and reviewed by the group – submitted to Governance Group for approval to publish

PSAT update

- PSAT responses for 2020 survey received processed and individual reports prepared
- All data entered via excel spreadsheet. A laborious task but the output is easy to use and the cost was at a fraction of that quoted by external providers
- 20 (out of 30) member companies responded
- Those who did have received their individual report so that their data can be compared with those of other UKOPA members (anonymised)
- PSWG will convene a special meeting in November to analyse the results in detail, identify trends and make recommendations for areas of attention

Safety Alerts / Sharings

- Proposal remains that one or more Safety Alerts are discussed at the beginning of each WG meeting using the simple UKOPA format, photo or one page summary – this would generate at least 10 – 15 Safety Alerts per year
- To the end of September 2020 there were 0 Alerts uploaded to the members centre
- The UKOPA secretariat at each WG will collate information shared. PSWG will then standardise and agree for publication and sharing.

PSWG Proposed Workplan for 2021

- Review / rethink of Safety Alert process
- Continue to progress Process Safety Work area – focus to be determined taking into account vertical working
- Review 2020 PSAT data – November date to be agreed for initial meeting – and identify next steps for learning

Process Safety Forum

- **Process Safety** is defined as a blend of engineering and management skills focused on preventing catastrophic accidents and near misses, particularly structural collapse, explosions, fires and toxic releases associated with loss of containment of energy or dangerous substances such as chemicals and petroleum products
- Managing **Process Safety** is essential and very often the issues that arise in one sector have direct relevance in other sectors. Useful general lessons can be learnt and principles adopted to promote a culture where good safety management is viewed as having a direct impact on the profitability and viability of any organisation be they large or small
- PSWG continue to represent UKOPA on the PSF with a rotating list of member attendees

Questions?

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Governance Group

Barry Dalus
GG Chair

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Published Good Practice Guides

Number	Title	Date Approved
UKOPA/GP/001	Management of Reduced Depth of Cover	Q2 2016
UKOPA/GP/003	Pipeline Process Safety Performance Management	Q4 2014
UKOPA/GP/004	Managing Pipeline Dents	Q1 2016
UKOPA/GP/005	Managing Pipeline Sleeves	Q1 2016
UKOPA/GP/006	Impact Protection Slabs	Q1 2016
UKOPA/GP/007	(Restricted to UKOPA Members & HSE)	Q1 2016
UKOPA/GP/009	Near Neutral pH and High pH Stress Corrosion Cracking	Q1 2016

Published Good Practice Guides

Number	Title	Date Approved
UKOPA/GP/010	Emergency Plan Guide on Testing	Q2 2017
UKOPA/GP/011	Emergency Plan Template	Q2 2017
UKOPA/GP/012	Emergency Plan Test and Exercising Template	Q2 2017
UKOPA/GP/013	Requirements for Siting and Installation of Wind Turbine Installations in the Vicinity of Buried Pipelines	Q2 2017
UKOPA/GP/014	Requirements for Siting and Installation of Solar Photovoltaic (PV) Installations in the Vicinity of Buried Pipelines	Q2. 2017
UKOPA/GP/015	Managing Pipeline Infringements	Q2 2017
UKOPA/GP/016	Emergency Planning Distances for Major Accident Hazard Pipelines	Q2 2017

Published Good Practice Guides

Number	Title	Date Approved
UKOPA/GP/017	Line Walking Surveys	Q2. 2018
UKOPA/GP/019	Seismic screening assessment of UK onshore pipelines and associated installations	Q1 2019
UKOPA/GP/020	Managing pipelines subject to ground movement	Q1 2019
UKOPA/GP/025	Application of cost benefit analysis to demonstrate ALARP	Q4. 2018
UKOPA/GP/026	Verification of ILI features identified by in line inspection	Q1 2019
UKOPA/GP/027	AC Corrosion Guidelines	Q4 2019
UKOPA/GP/029	Local Authority Planners information regarding onshore pipelines and associated installations	Q1 2019

Technical Bulletins published



Number	Title	Date Approved
UKOPA/TB/01	Ethylene Decomposition	Q1 2019
UKOPA/TB/02	Managing societal risk for gas pipelines	Q1 2019
UKOPA/TB/03	Societal risk for Ethylene Pipelines	Q1 2019
UKOPA/TB/05	Electrical Hazards on pipelines	Q4 2019
UKOPA/TB/06	LUP Zones for Gasoline Pipelines	Q4 2019
UKOPA/TB/07	History of LUP (inc Event Tree and Ethylene Frequency)	Q4 2019
UKOPA/TB/10	Lower bound for required fatigue assessment of pipeline dents	Q4 2019

Good Practice Guides & Technical Bulletins **Approved Feb 2020**



Number	Title	For Approval
UKOPA/GP/018	Pipeline Remaining Life Assessment	Q1 2020
UKOPA/GP/021	In Line Inspections	Q1 2020
UKOPA/GP/030	Managing Vibration	Q1 2020
UKOPA/GP/032	Seismic assessments of UK onshore pipelines and associated installations	Q1 2020
UKOPA/TB/09	Effect of Pipeline Surveillance on Risk	Reformat of 2005 version Review / update 20/21

Good Practice Guides & Technical Bulletins **submitted for Approved Oct 2020**



Submitted to UKOPA board & recommended for approval by Governance group

Number	Title	2020
UKOPA/GP/031	DC Interference Guidelines	Q4
UKOPA/GP/035	Guide to Process Safety Studies and Methodologies	Q4
UKOPA/TB/011	Guide to Collecting & Reporting Fault Data	Q4
UKOPA/TB/012	A short review of UK Regulatory guidance in the development of and testing of pipeline emergency plans	Q4

Good Practice Guides under development



Good practice guides under development with working groups

Number	Title	2021
UKOPA/GP/033	Abandonment of pipelines	
UKOPA/GP/034	Temporary Life of Repairs	
UKOPA/GP/036	Managing developments and works in proximity to HP pipelines	
UKOPA/GP/037	Pipeline Environmental Risk Assessment	

Technical Bulletins under development



Technical bulletin note under development with working groups

Number	Title	2021
UKOPA/TB/013	Consideration during wildfires	
UKOPA/TB/014	Application of SN curve to fatigue assessment of pipeline dents	
UKOPA/TB/015	Understanding role of PERO	

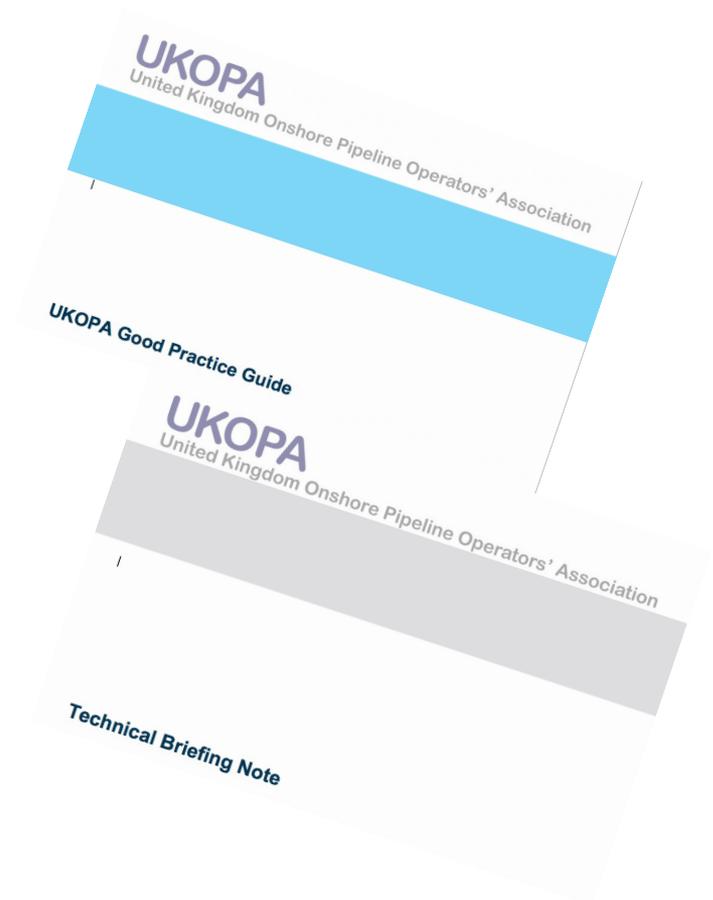
Summary

○ GPG

- *Completed = 25*
- *Q4 2020 Approval = 2*
- *Currently in progress = 4*

○ TBN

- *Completed = 8*
- *Q4 2020 Approval = 2*
- *Currently in progress = 3*



What next !

- Complete GPG & TBN under development
- Identify documents for future developed & agree completion plan
- Progress with:—
 - Raising awareness of GPG & TBN within organisations companies

Questions?

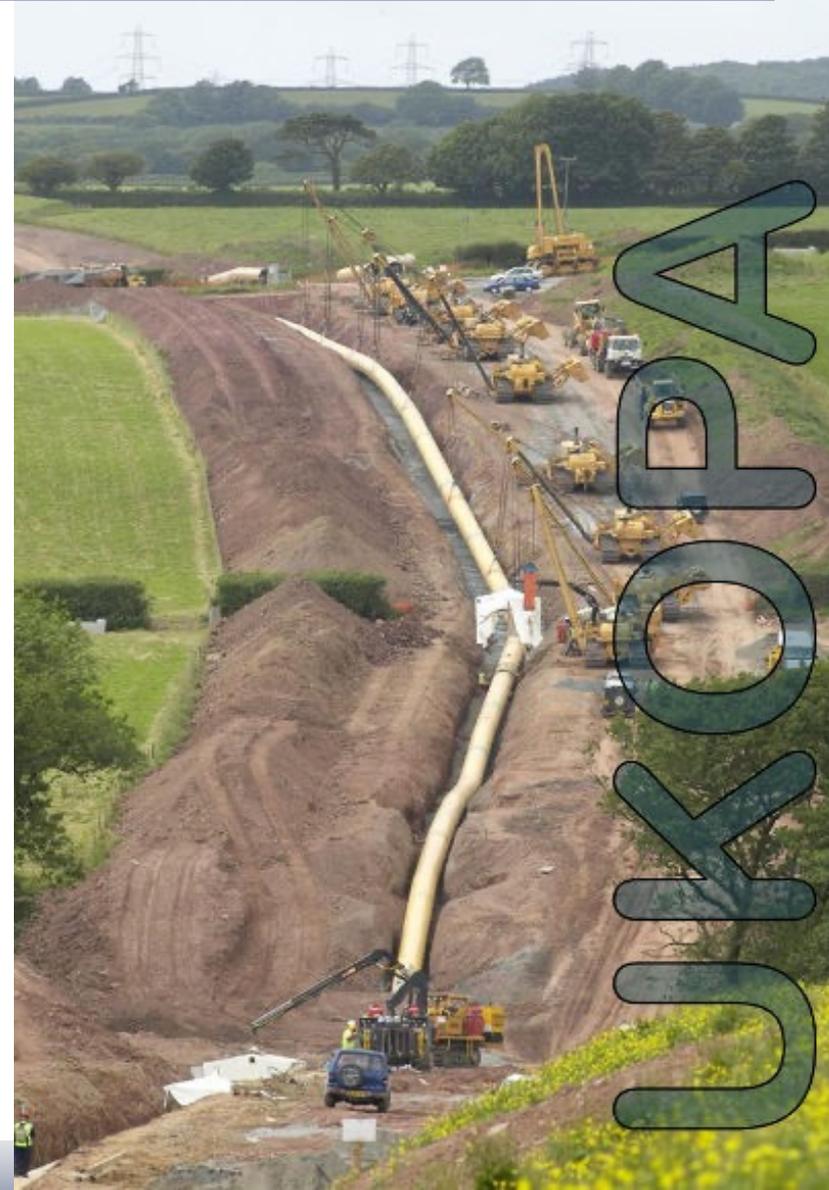
- Please use chat function
 - Any questions not answered now will be covered in a follow up written response.



HSE Update

Gill Minshull – Head of Operations: Gas, Pipelines and Renewables: ED5

Neil Casey – HM Inspector of Health & Safety



Points of note from HSE update

- Gill Minshull introduction and background
- Jim Stancliff joined the unit as principle inspector for Midland and Northern England and James Rutherford as regulator inspector (LUP background)
- Unit are all operating remotely from home, but inspections / interventions still taking place
- PSR notification portal up and running and is the HSE preferred method of registering new pipelines / changes etc.
- Have 2 people sitting on the IGEM/TD/1 review committee
- Spend review for HSE charges has been moved into 2021
- Involvement with H2 and CCS, requesting additional staff to help cover this work

Points of note from HSE update

○ Neil Casey

- Working safely / RA for people in offices and remote workers has been a focus – in particular operatives travelling to and from site in controlled bubbles, sanitary requirements and welfare units, plus AGI facilities / maintenance
- Introduction of 'Covid Champions'
- Line Walking – poor compliance with TD/1 and how this reflects on other activities, requirement for operator audits to ensure those carrying out the work are doing it and reporting to the level you are expecting

Dates for the diary and close

- Board / Members Meeting 23rd February
- Board / Technical Seminar* 18th May
- Board / Members Meeting 12/13th October (tbc F2F or virtual)
 - * Technical seminars to be replaced by a programme of webinars please provide any suggestions for future topics, please email Nikki Barker (nikki.barker@pieuk.co.uk)
- Thanks from Grant Roger's who then closed the meeting