

UKOPA

United Kingdom Onshore Pipeline Operators' Association

PIWG February 2025 Members' Meeting Update

Richard Price
BPA



UKOPA

Pipeline Integrity Working Group

Members

- Darren Bohanna - Cadent
- Paul Connolly - NG
- Elpida Gikka - SGN
- Lewis Hancock - Cadent
- Paul Holman - NGN
- Stephen Humphrey - Exolum
- Morgan James - WWU (Vice Chair)
- Fridolin Jenny - Swissgas
- Brian Leahy - GNI
- Roy Moobola - Cadent
- Mueen Nazir - SGN
- Richard Price - BPA (Chair)
- Akin Oshinowo - Ineos FPS
- Grant Rogers - WWU
- Timothy Rudd - Valero
- Jennifer Stant - SGN
- Ali Alani - Penspen (changing to Nigel Curson)
- Ed Bartlett - ENI
- Mark Fisher - SGN
- Lily Ganchi - NG
- Gus Gonzalez - Esso
- Kirsty McDermott - NG
- Andrew Mottram - Shell
- Fulvio Silva - VPI
- James Timmons - PetroIneos
- Chris Rogderson - PIE
- Chris Lyons - PIE
- Nikki Barker - PIE (Secretary)

Meetings

- 12th February, Teams meeting
- 1st May, BPA Kingsbury
- 18th September, *tbc*

What we've done

- **GPG005 – Management of Pipeline Sleeves**
 - Approved for publication, upload pending
- **GPG019 – Seismic Screening Assessment**
 - Review completed, to go to governance for publication
- **GPG021– In Line Inspection (ILI)**
 - Review completed, with governance group for publication
- **GPG026 – Verification of Features Identified by ILI**
 - Review completed, with governance group for publication

What we're working on

- **GPG033 – Epoxy Shell Repairs**
 - GPG drafted by Rosen
 - GPG test-case in progress with BPA, aim for finalisation in Q2 2025 (*may require review and update of Temporary Repairs GPG*)
- **GPG040 – Hydrotechnical Hazard Integrity Management (River Erosion and Flooding)**
 - Covers integrity and emergency planning aspects in a single GPG
 - Drafted and includes case-study photos, out for group review by April ready for governance and issue
- **GPG048 – Piling and Vibration**
 - Drafting RFQ for quotes to develop the guidance

What we're working on

- **GPG013 – Wind Turbine Guidance**
 - Final review within PIWG, aim for Q2 meeting
 - Pass to CPWG for any AC or DC related items in the same document
- **GPG019 – Seismic Screening Assessment**
 - Ready for governance group and publication
- **GPG020 – Managing Pipelines Subject to Ground Movement**
 - Final comments received and aim to get to governance by April

Weld Quality Project

- **Current work**

- MSC Mechanical Properties of Vintage Girth Welds
- Final report due in April



- **Starting in 2024**

- PhD: Fatigue Performance of Pre-Stressed Vintage Girth Welds
- Start Q2 2025 for 3yrs
- Discussion on fatigue testing of welds in H2 environment

- **We need weld samples!**

- Pre-1972 GW samples at least 1m long please
- Corrosion and dented samples if available

- **Samples to:**

- Mainline Pipeline Ltd, Seisdon Pump Station, Ebbstree Road, Seisdon, WV5 7EY

PIWG Future Work

- **GPG005 – Management of Pipeline Sleeves**
 - Next steps work identified by PL, expecting quote and can then progress
- **TBN009 – Fatigue of Pipeline Dents**
 - Carry over work, pick-up later in 2025 and use external support to review and propose any updates
- **TBNxxx – Pig Trap PSSR/Inspection Guidance**
 - For inspection of pig traps on liquid service
 - Examples available, needs collation and write-up, late 2025.
- **Load Bearing Slab Calculator**
 - Envisaged similar to UKOPA slab design (GPG006)
 - Simple tool envisaged, start late 2025 to complete in 2026 via external contractor.

PIWG Update



- Any questions?