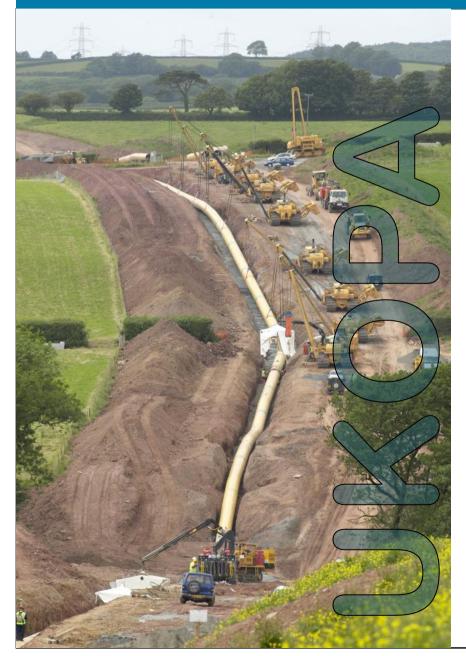
UKOPA

United Kingdom Onshore Pipeline Operators' Association



FARWG Progress Update Meeting, February 2015

Graham Goodfellow FARWG Chairman



FARWG

□ Fault (Data) and Risk (Assessment)
Working Group



General

- Meetings
 - From now onwards the PIWG and the FARWG will hold separate meetings
 - ☐ Initially on concurrent days as many members on both....
 - ☐ First FARWG meeting scheduled for 26th March at Ambergate
- ToR for new group defined
- Membership
 - Currently 12 member companies represented
 - ☐Gas, Liquid & Petrochems



Membership

- Following members have confirmed:
 - ☐ Roger Ellis, Essar
 - ☐ Graeme Pailor, Sabic
 - Morgan James, Wales & West
 - ☐ Fridolin Jenny, Swissgas
 - Arnaldo Latas / Antonio Caraballo, bp
 - Steve Potts / Robert Owen, NG
 - ☐ Richard Price, bpa
 - ☐ Stephen Humphrey, OPA
 - Kristina Brazenaite, NGN
 - Graham Canty, Gas Networks Ireland
 - ☐ With support from
 - ☐ Jane Haswell, Rod McConnell, Mike Acton and Neil Jackson (Secretary)



FARWG ToR – Aims

- Act of behalf of UKOPA Members as the expert body on pipeline risk assessment and pipeline fault data issues.
- Support, on behalf of member companies, the development and acceptance of appropriate pipeline risk assessment methodologies
- Collect pipeline fault data, develop, maintain and periodically report on pipeline faults and damage to the notified major accident hazard pipeline population in the UK.
- □ Provide the specialist / expert point of contact for UKOPA internal and external communications on pipeline risk assessment and pipeline fault data related issues.
- □ Provide a formal UKOPA interface with HSE for discussions related to the collection of pipeline fault data; the development of pipeline risk assessment methodologies; the definition of risk criteria, land use planning, design codes related to risk assessment and pipeline routing and any changes to legislation related to these areas.



FARWG Future Workload

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

Potential Studies



Improvements to Database or Better Use of Existing Data

- Develop non-MAHP database
- New baseline for database
- Data significance awareness seminar
- Consider accepting ILI data (screening limit & tolerance issues tbc)
- ☐ Investigate effect of digs on apparent hit rate
- Investigate effect of mitigation by management action
 - ☐ Ratio of faults to product loss by type?
- Develop corrosion model for industry
- Collect weld quality data



Potential Studies

Risk Assessment and Failure Frequency Prediction

- ■Strategic review of NG COOLTRANS report on 3rd party damage prediction
 - Denting force rather than dent depth
 - ■Distribution types
- □ Update distributions at 5 yearly intervals
- Develop population density screening tools for other fluids
- Issues associated with risk of loss of supply / resilience



Questions?