

# UKOPA

United Kingdom Onshore Pipeline Operators' Association



## PIWG Progress Update Meeting, October 2015

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PIWG Chairman

# General

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## Meetings

- Meetings have been held in March and June. Planned September meeting was postponed and a telecon was held to review action progress
- Next meeting to be scheduled for November

## Membership

- Currently around 18 group members across all sectors

# PIWG Aims

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- ❑ Act of behalf of UKOPA Members as the expert body on pipeline integrity and defect assessment issues.
- ❑ Support, on behalf of member companies, the development and acceptance of appropriate good practice for pipeline integrity management and defect assessment.
- ❑ Provide the specialist / expert point of contact for UKOPA internal and external communications on pipeline integrity / defect assessment issues.
- ❑ Provide a formal UKOPA interface with HSE for discussions on pipeline integrity related issues.
- ❑ Provide a point of focus within UKOPA for commissioning and progressing technical work related to pipeline integrity and defect assessment with external expert bodies and technical specialist organisations including Universities.

## Current Initiatives (1)

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### Dent Management

#### FEA validation of dents

- The final report has been issued. The work is to be presented at the Aging Pipelines Conference in Ostend.

#### Dent Management Strategy / Fatigue study

- Flowcharts in DMS have been coded into an Excel spreadsheet for use by all UKOPA members. Members who have provided dent data will have their data pre-populated.
- Analysis of all submitted data is complete and the final report is to be issued shortly.

#### Dents on welds

- A mechanism for gathering historic weld data through destructive testing has been proposed.
- A budget proposal to test spools 'donated' by member companies has been discussed by the Board and is currently under review prior to resubmission for approval

#### Field Investigation Protocol

- A proposal for the development of a dent investigation protocol is in hand

## Current initiatives (2)

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### Sleeve Management

- Phase 1B is underway (further analysis of data from 4 gas pipelines + 1 liquid pipeline).
- Further scope will be discussed once the Phase 1B work is complete.

### Seismic Study

- Phase 1 study is complete.
- Data on how Eurocode 8 is being implemented in other European countries has been solicited.
- A sub-team is to be convened to determine how the information can be used in a screening tool for pipeline integrity management.

### Solar Farms

- A preliminary study has been agreed to kick-off the process of investigation into the impacts

## Current Initiatives (3)

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- ❑ Pipeline Strain Analysis
  - ❑ A questionnaire is being drafted for members to gather data on strain analysis to ascertain whether or not work is required in this area
- ❑ Research Collaboration
  - ❑ Contact with PRCI and PERG has been made with a view to greater collaboration between the organisations
- ❑ Documents development
  - ❑ PIWG strategy / framework
  - ❑ Managing Pipeline Dents
  - ❑ Managing Pipeline Sleeves
  - ❑ Managing Stress Corrosion Cracking
  - ❑ Managing and Mitigating the Impacts of Ground Movement

# Questions?

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