

# UKOPA

United Kingdom Onshore Pipeline Operators' Association

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## **Risk Assessment Working Group Oct 2010**

**UKOPA/10/0066**

## • Membership

- National Grid
- Shell
- BP
- Ineos
- Scotia
- Wales & West
- Northern Gas Networks
- BPA
- Greystar
- Consultants: RM, PIE, GL-ND, Penspen

## • **Key activity areas**

- Effect of slabbing
- Damage Distribution Statistics from UKOPA fault data to 2010
- Pipeline Dent analysis
- Natural Ground movement
- Man made ground movement
- Depth of cover
- Gasoline Risk Assessments
- Emergency planning distances
- Pipeline Sleeves
- Fault database requirements
- BSI-PD8010/IGE TD2 updates

## •HSE/HSL dialogue

- ❑ Pipeline protective measures and risk reduction
- ❑ Ground movement natural and man made
- ❑ Ethylene pipeline Corr and mech failure rates and LUP distances
- ❑ Non natural gas corr and mech failure rates and wt
- ❑ HSE predictive modelling high 3<sup>rd</sup> party rates small dia
- ❑ Effect of depth of cover
- ❑ Failure rates for gasoline pipelines CONCAWE
- ❑ Gasoline Risk Assessments and LUP planning distances
- ❑ Event trees and probability of ignition
- ❑ Initial gas release rates

## **In 2010**

- **Meetings April, Sept and planned for Dec**
- **Sub meetings in specialist areas, e.g. dents, sleeves, etc**
- **Active involvement from members**

## 2010/11 plans

### Progress work in key activity areas

- **Maintain and progress dialogue with HSE/HSL**

- **Next meeting Dec10 Newcastle**

## QUESTIONS