

UKOPA

United Kingdom Onshore Pipeline Operators' Association

Fault database Management Group Oct 2010

UKOPA/10/0064

•Why

Several major benefits have resulted from UKOPA's initiative to collect fault and leak data.

The main objective, that of providing objective and realistic data to support quantified risk assessments, has been achieved.

Several ongoing developments such improvements to 3rd party damage predictive models and effect of depth of cover are dependent on the fault data collected by UKOPA.

Others give a more pessimistic view of the probability of failure on UK pipelines: EGIG, CONCAWE, US Gas Transmission, etc

In 2010

- **Internal report on 2009 failure data.** (last formal 2008)
- **Draft and verification of damage statistics**
- **Began the implementation of the improved database software**

2010/11 plans

- **Publish damage statistics**
- **Publish failure data to end of 2010**
- **Launch the new database**
- **Review the inclusion of other pipelines**
- **Requests from the risk assessment work group**
- **Promote best practice in the pipeline industry**

Timetable New database

- **Cut over Web data Oct 2010**
- **Issue data input forms Oct 2010**
- **Verification of Operator data end of 2010**
- **Input Oct-Dec data Jan 2011**
- **Data verification Mar 2011**
- **UKOPA Report 2010 June 2011**
- **Data entry for 2011 end 2011**
- **Award package for future management Q1 2012**

Current Members

Company	Primary contact	Secondary contact
UKOPA		
Fault Database Operator Contacts		Oct-10
Shell Downstream	Roger Ellis	Tony Gillard
Shell EPE	Tom Smith	John Smith
National Grid Transmission	Robert Owen	Andy Turner
National Grid Distribution	Robert Owen	Charles Thompson
Wales & West	Akbar Aghajan	Grant Rogers
Scotia	Steve Skipp	Barry McKay
Northern Gas Networks	Barry Dalus	John Arnold
EoN	Huang Xiaoguang	Ken Curtis
BP	Eric Marston	Richard Espiner
Ineos	Mike Blood	
SABIC	Paul Smith	
Independent Consultant	Rod McConnell	
PIE	Jane Haswell	

Demonstration of database

QUESTIONS