

UKOPA

United Kingdom Onshore Pipeline Operators' Association



IWG Update

February 2014

Grant Rogers

Infringement Working Group Chairman

IWG Membership

Current membership comprises:

Grant Rogers (Chairman)

Helen Berry

Tony Gillard

Geoff Glover

Neil Hampshire

Daniel Ingham

Barry Mackay

Paul Masson

Ken Smith

Robert Stockley

Nik Wileman

Phil Taylor

- Wales & West Utilities

- Health and Safety Executive

- Essar

- SABIC

- Northern Gas Networks

- National Grid (UKD)

- Scotia Gas Networks

- Esso

- BP

- National Grid (UKT)

- National Grid (UKT)

- B.P.A.

Infringement Database

At the end of 2012, the following companies provided records for the UKOPA infringement database:

- BP
- BPA
- Centrica
- ConocoPhillips
- E-On
- Essar
- Esso Petroleum
- Greystar (MJL)
- Ineos
- Mainline Pipelines Ltd
- Marchwood Power
- National Grid
- Northern Gas Networks
- OPA
- SABIC UK Petrochemicals
- Scotia Gas Networks
- Star Energy
- Total (UK)
- Wales & West Utilities
- Wingas

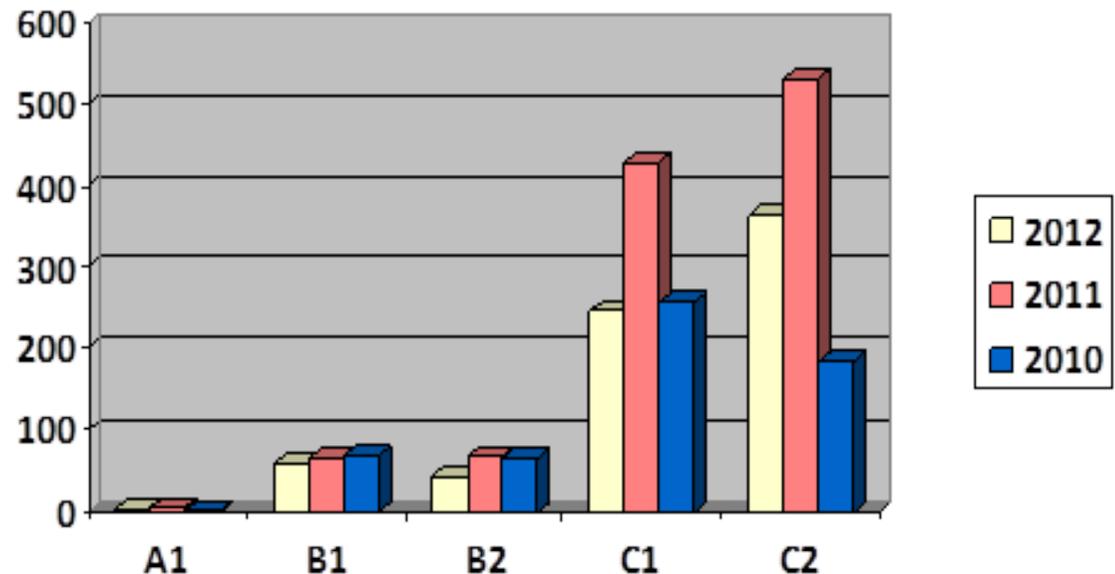
Infringement Database

- ❑ A number of these members provided their data via a single route, by means of their participation in Linewatch, now including NG UKT
- ❑ Other members, principally the gas distribution networks provide their data from other systems for amalgamation with the Linewatch dataset
- ❑ 2012 data was checked and following a few queries with individual companies final data accepted in July for production of the 2012 Infringement Report
- ❑ The final report was approved by the IWG and the UKOPA Board and has now been published on the UKOPA website

2012 IWG Report Main Findings

- ❑ Distribution between learning events, near-misses and more serious incidents as expected
- ❑ Overall reduction to 712 infringements, largely due to reduction in the 'Limited potential for damage' category

Infringements by Category



2012 IWG Report Main Findings

Two A1 infringements (actual damage) out of 712 recorded events:

- ❑ Damage to an oil and refined products pipeline near Compton Abdale due to malicious acts
- ❑ Damage to wrapping by rubbish tipping and burial of waste within the easement by a Private Landowner

Both events were found via internal inspection reports and ground patrol

2012 IWG Report Main Findings

- ❑ 58 infringements reported were categorised B1 (relatively high potential for damage & within the easement)
- ❑ Although B1 infringements show a step reduction from the previous two years, they accounted for 8% of the total number of infringements which is a slight increase
- ❑ Infringements outside of the easement numbered 406 (57%), of which 43 (6%) represented a significant B2 threat to the pipeline

2012 IWG Report Main Findings

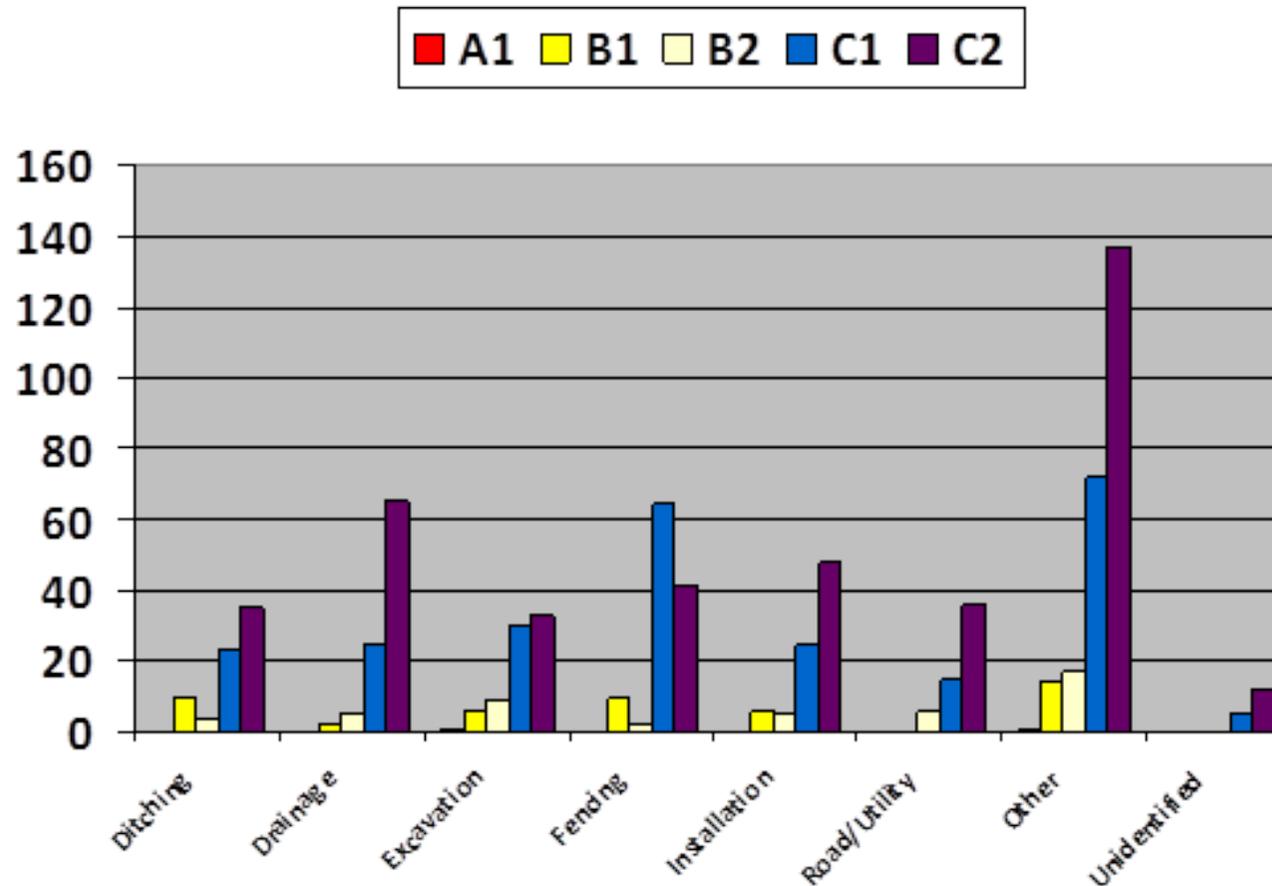
- ❑ C1 category infringements numbered 245, these are of low potential but are still considered worthy of investigation to determine the root cause
- ❑ C2 category, those with limited potential to cause damage and outside the easement (effectively near miss) numbered 363
- ❑ The total for C2 in 2012 is around 70% of that reported in 2011, mainly due to a reduction in the gas pipeline related data, it is however difficult to draw any conclusion from this difference from one year to the next

2012 IWG Report Summary

- ❑ Reduction in actual damage and Infringements with serious potential to cause damage may indicate progress in prevention
- ❑ Consensus from IWG members that any meaningful statistical analysis to identify trends will take a number of years of consistently produced data
- ❑ To provide an improved base data set gas industry members data for 2008 & 2009 is to be revisited by IWG in early 2014
- ❑ Application of current filtering and weighting methodology may provide more reliable trends and evidence on which to base further actions / interventions

2012 Statistics

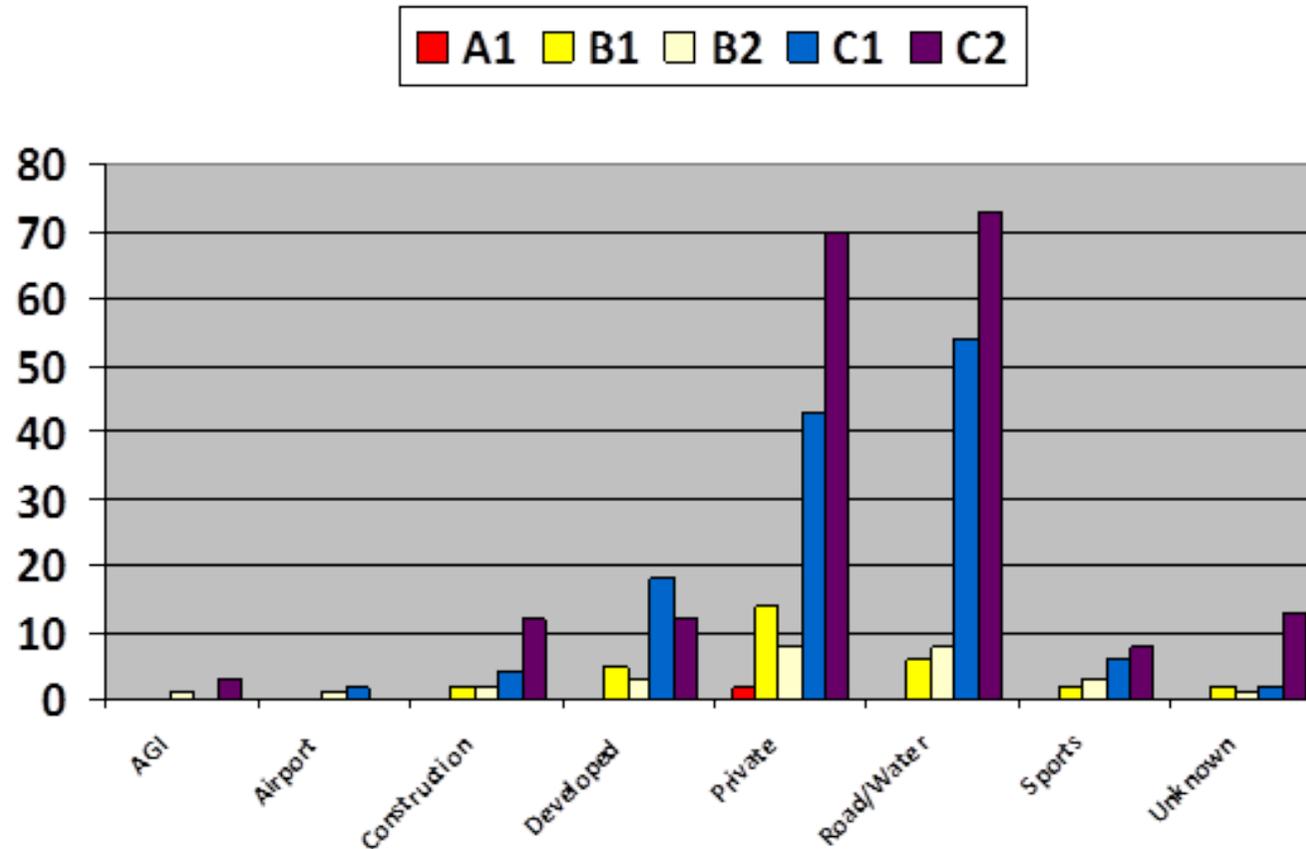
Infringements by reported activity



- Although 'Activity unknown/not specified' is still present, the number of reports with this as the activity type reduced greatly in 2012

2012 Statistics

Infringements by Location



- ❑ Infringements in Farmland numbered 311 and are excluded due to the limitation of the charting scale

2012 Statistics

Farmland

- B category infringements in Farmland accounted for 14% of the 311 total infringements in Farmland, but 44% of all B category infringements

Farmland	Serious Potential for Damage	Limited Potential for Damage
Within Wayleave or Easement	B1 = 27	C1 = 114
Within Operators Notification Zone	B2 = 17	C2 = 153

- This demonstrates the need to better engage with landowners and those working in agricultural land, a key focus for IWG at the moment

2013 IWG Report

- ❑ Data to be provided via Linewatch database entry or direct to Phil Hirst (Fisher German) by Friday 7th March 2014
- ❑ Data provided by non-Linewatch members to be sorted/shortlisted in accordance with criteria agreed in 2010
- ❑ Infringement Database Categorisation Guidance Document is published in the members area of the website
- ❑ It is hoped a common format can be agreed for a joint Infringement report for UKOPA / Linewatch from 2014 taking the best from each report – achieving this will require prompt provision of data

2014/5 IWG Plans

- ❑ To date no firm plans have been made for an IWG event in 2014 although a number of options have been considered and ruled out
- ❑ Ongoing engagement with the HSE Agriculture sector may yield some opportunities to engage with this target group
- ❑ Complete a review of the past five years infringement data for consistency and undertake trend analysis
- ❑ Collaborative work with HSE to cross reference infringement data with gas sector GS(M)R reports to see if there is any correlation to aid targeting UKOPA / HSE engagement with infringers

2014/5 IWG Plans

- ❑ Following discussions at the last HSE liaison the IWG are collating members existing practice in plant protection / infringement mitigation with a view to producing UKOPA good practice guidance in this area – links to RAIWG initiative
- ❑ Part of this work is looking at operators communications strategies not only to share good practice, but to feed into a collective UKOPA communications strategy
- ❑ A review of these and past articles that have appeared in various publications has identified an opportunity to refresh and reuse some of this material



Thank you for listening

Questions?