

RPA Safety Services Ltd



CDM

**Getting the information to
those that need it**

Introduction

Providers of Occupational Safety Services

- Competent persons for a wide range of industry clients including:
 - Geotechnical /Geoenvironmental Consultancies
 - Drilling contractors
 - Analytical laboratories
 - Landfill and geo synthetics installers
- Training providers
 - License holders for IOSH Safe Supervision of Geotechnical Sites
 - License holders for IOSH Avoiding Danger from Underground services
- International experience

Aim of CDM 2007

Simply.....

- To ensure the right information.....
- Reaches the right people.....
- At the right time.....

Aim of CDM 2007

This applies to everyone involved

- Client
- CDMC
- Principal Contractor
- Contractors
- Designers

Why is this important?



Usual procedure followed

A brief account of the events

- BH1 successfully completed
- BH2 area scanned with a CAT
 - By engineer the day before
 - Driller puts the responsibility for service clearance on the consultant who assures him 'there are no services present'
- Service pit dug to 1.2m
 - This is normal (although probably not good) practice and was carried out using post hole shovels and a grafter bar
- Rig positioned over the hole
 - After three tool drops.....

Simulated HV strike



£160k repair



If someone had died?

❑ All three companies involved were small, so a charge of gross negligence manslaughter would possibly have followed

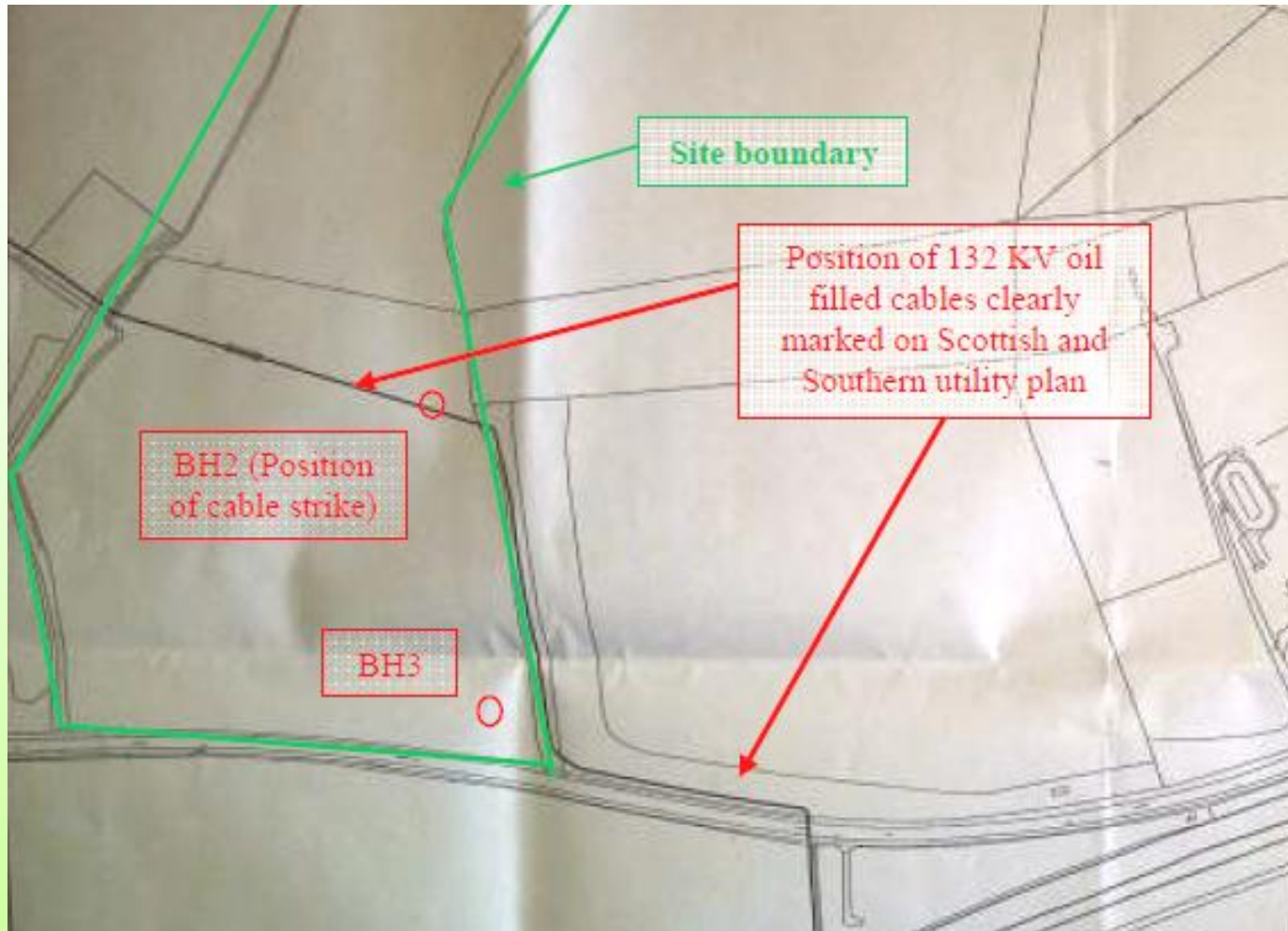
- Long protracted legal case
- Prison sentences

❑ For larger companies – corporate manslaughter

- Minimum fines of £1m
- Remedial orders including publicity notices

.....so was it preventable?

It could have been prevented



Aim of CDM 2007

Appendix 2 of the CDM ACoP

❑ Defines what should be included, where relevant, as pre construction safety information

- Location of existing services particularly those that are concealed (water, electricity, gas, etc.)
- Hazardous materials
- Asbestos, including results of surveys

.....the clients must ensure this is provided (at bid start)

.....similarly the contractor should ensure it is all in place

CDM and Managing Risk

CDM Applies to 99% of SI projects - most of which should be notified

- ❑ Alarming few are notified as they should be (10% or less)
 - Largely due to pressure from consultancies and clients
 - Supported by lack of contractor awareness and the economic climate

- ❑ I have a client trying to do things right and they always ask for the pre construction safety information
 - In the last 12 months, they have received pre-construction safety information **once!**

CDM and Managing Risk

Once notified, a construction phase plan is completed

This ensures everyone involved has access to the right information

- Reviewed by the CDMC
- All contractors must contribute

The emphasis is on quality

- Must be site specific
- Not a paper chase

Why a reluctance to notify?

Why?

We don't want the HSE knowing where we are !

Client didn't want it notifying !

We haven't started the build yet !

CDM doesn't apply – it's too short a project !

Too much paperwork !

SI is not construction !

What do contractors want?



What do contractors want?

A level playing field

That pre construction safety information is provided at tender stage

or...

Time and resources are allocated to allow them to get this information

and...

Everyone plays by the same rules

Application of penalties

Prosecution is not limited to contractors

☐ March 2009

- Bristol property developers ordered to pay £25k in fines and prosecutions costs for breaching regulation 14 of CDM 2007 - failing to appoint a CDM coordinator or principal contractor for a project

☐ July 2010

- Architect's practice and consultancy fined a total of £195,000 following a fatality on site, after failing to safely manage the activities of a subcontractor and not appointing a CDMC

I'll leave you with this



It's about focusing on real risks and hazards that cause real harm and, more importantly, taking action to control them

HSE 2011