

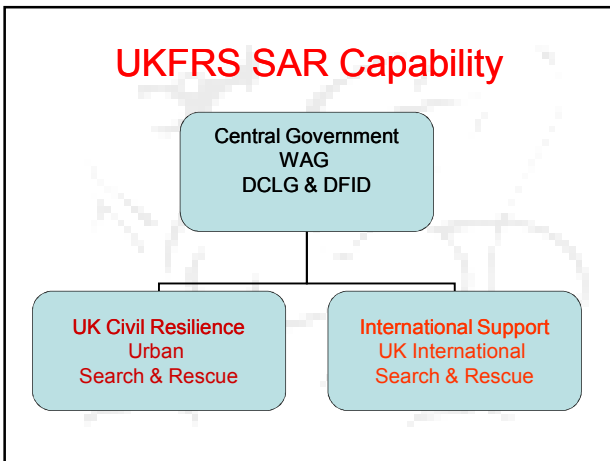
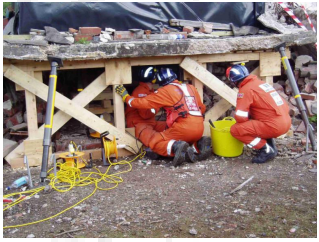
**UK FIRE & RESCUE SERVICE
SEARCH & RESCUE CAPABILITY**

Eric Bellew
All Wales
Urban Search And Rescue Team
Team Manager



Scope

- **FRS SAR**
- **UK USAR**
 - Background
 - UK Footprint
 - Assets
 - Incident Profile
- **UK-ISAR**



Why Urban Search & Rescue?



FRS New Dimension Project

- Centrally funded
- 3 Strands
 - Spate Flooding
 - High Volume Pumps
 - CBRN
 - Mass Decontamination
 - Substance Identification
 - Major Incident
 - Urban Search & Rescue

Strategic Aim of USAR

- To enhance the capability of the FRS to respond to and manage **three** simultaneous and large-scale structural collapse incidents.
- To enable the fire and rescue service to respond and deal with a wider range of incidents with enhanced safety.



USAR National Footprint

USAR Assets:
20 Units Across The United Kingdom

- 1 Wales
- 1 Scotland
- 1 N Ireland

17 Across England, including
4 in London



USAR Assets

One Unit:

- 5 Modules
 - Mod 1 – Reconnaissance
 - Mod 2 – Heavy Rescue
 - Mod 3 – HR Sp
 - Mod 4 – MPV Carrier
 - Mod 5 – Timber Carrier



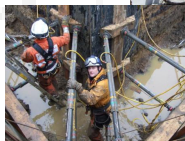
USAR Assets

- K9 x 3
- Confined Space Sp Vehicle
- 30 Technicians



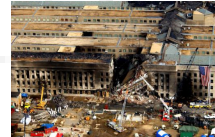
Skill Sets

- Command & Control
- Technical Search / Reconnaissance
- Hot Cutting
- Rope Access
- Logistics Management
- Breaching & Breaking
- Lifting & Shifting
- Timber Shoring
- Confined Space



What We Attend

1. Major incidents occurring within region
2. Major incidents occurring within a neighbouring FRS
3. Up to three large scale incidents having occurred simultaneously in the UK



Levels of Response

6-10 storeys
Concrete
More than 100
100m x 100m
CBRN

Over 10 storeys
Steel frame
More than 1000
Over 100m
CBRN

4-6 storeys
Concrete
More than 10
50m x 50m
Haz-Mat

Up to 4 storeys
Traditional
Less than 10
25m x 25m
Contamination

UK USAR Mobilisation

- Respond up to 70 mile radius in 2 hours
- Team of 10 >30 days
- Intelligent Mobilisation co-ordinated centrally (FRSNCC)

Call Profile

- Collapsed structures
- Aircraft incidents
- Railway incidents
- Trench collapse
- Confined space rescue
- Landslides
- Flooding (Search)
- Open area search

Multi Agency Working

- RAF Disaster Management teams
- Police search teams
- Police DVI
- NHS HART
- Military SAR teams
- EKP

Operational Intelligence

- Provide Ops Int for FRS & other Cat 1 responders (CCA)
- Provide USAR related information to National SAR Framework
- Awareness to Sites on USAR capability

UK FIRE & RESCUE
ISAR United Kingdom Fire and Rescue
International Search and Rescue

- UK-ISAR (UKFSSART)
- DFID decide if official UK response is deployed
- Sole Representatives of HMG
- 1 of 2 groups on call 24/7 x 6 month rota
- 13 FRS Crews (all volunteers)
- 58 personnel per group team (Heavy team)
- Provide medium or heavy capability

UK FIRE & RESCUE
ISAR United Kingdom Fire and Rescue
International Search and Rescue

- Members of UN INSARAG (OCHA)
- One of only 7 Heavy rescue teams
- Trained to INSARAG guidelines
- Annual OTX & UK based exercise



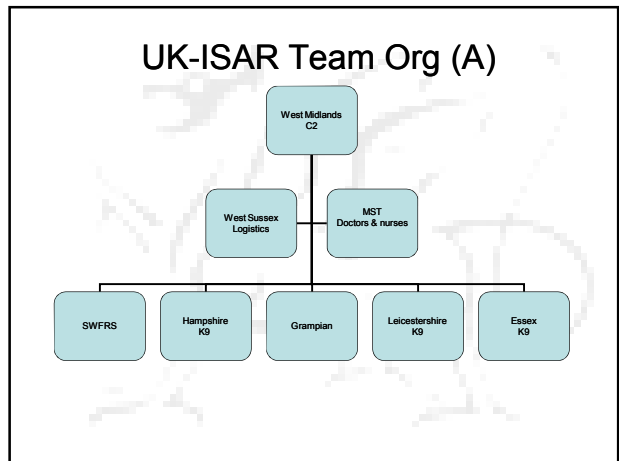
UK FIRE & RESCUE
ISAR United Kingdom Fire and Rescue
International Search and Rescue

Group A -

- **West Midlands (C2)**
- Hampshire
- Cheshire
- Essex
- Grampian
- Leicestershire
- South Wales
- **West Sussex (Logistics)**


Group B -

- **West Midlands (C2)**
- Greater Manchester
- Lancashire
- Lincolnshire
- Mid & West Wales
- Kent
- **West Sussex (Logistics)**




Incidents To Date

- 2005 Pakistan - Earthquake
- 2003 Iran - Earthquake
- 2001 Gujarat - Earthquake
- 2000 Mozambique - Flooding
- 1999 Turkey - Earthquake
- 1998 Montserrat - Volcano Eruption



Additional Skills to USAR

- Cultural awareness
- Personal administration
- Security awareness
- Field Hygiene
- Medical care
 - PHC
 - Trauma





Question Time ?????

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