



28 September to 2 October 2009



Workshops...Practitioners Forums... Sharing Best Practice



A week long event bringing together practitioners,
managers and suppliers involved in specialist response
disciplines.



Proudly hosted by Hampshire Fire and Rescue Service,
the inaugural CFOA Specialist Response Week will run
from September 28 to October 2 and focus on 12 key
work streams.



Come for one day, or come for the week, this is the
perfect opportunity to investigate areas of specialism
that interest your Service.



There will be new technology, innovative ideas from top
industry experts, as well as different techniques to see
and try.



**For more information visit [www.hantsfire.gov.uk/
specialistresponseweek](http://www.hantsfire.gov.uk/specialistresponseweek), call 023 8062 6746, or
email: srweek@hantsfire.gov.uk.**



**Alternatively, visit www.cfoa.org.uk/10614 to make a
booking.**



But hurry, places are strictly limited.



Programme of events

Monday 28 Sept

National Mutual Aid Seminar

Government's role in national incidents, National Command and Control structure, National Co-ordination Centre role, support from prime contractor at Level 4 incidents, how other FRS's provide support, international assistance available and practical displays.

Trench Rescue Workshop

Trench rescue techniques - both UK and overseas – with practical demonstrations. Case studies from real incidents and training systems, looking at national standards, best practice and legislation.

Tuesday 29 Sept

Hot Cutting Masterclass

Advanced hot cutting techniques using Petrogen and Glucas. Hands on training and demonstrations.

Advanced USAR Shoring Workshop

Practical shoring, case studies of real incidents and the techniques needed, shore testing, equipment options and scenario challenges.

CBRN Operations Seminar

A seminar discussing FRS operations at CBRN incidents; Integrating the DIM capability, what PPE is available, limitations, police priorities and inter-agency working.

Managers Overview Programme

A programme for 30 delegates to visit and observe Hot Cutting masterclass, USAR Shoring Workshop and CBRN Operations seminar.

Wednesday 30 Sept

Rope Rescue Workshop

Rope rescue techniques, equipment testing, medical care at height, use of height vehicles, manufacturers demonstrations.

Hot Cutting Masterclass (2)

Advanced hot cutting techniques using Petrogen and Glucas. Hands on training and demonstrations.

Advanced USAR Shoring Workshop (2)

Practical shoring, case studies of real incidents and the techniques needed, shore testing, equipment options and scenario challenges.

Forensic Operations

Investigating forensic issues in FRS operations. Evidence preservation, operating in potential crime scenes, joint fire and police working, DIM operations.

High Volume Pumps

New techniques to maximise the capability through presentations and full-scale demonstrations.

Managers Overview Programme

A programme for 30 delegates to visit and observe four strands: Hot Cutting Masterclass, USAR Shoring Workshop, Heavy Animal Rescue, Forensic Operations

Thursday 1 Oct

Confined Space Rescue Workshop

Demonstrations and hands on workshops on confined space techniques, specialist equipment and training systems.

Heavy Animal Rescue Workshop

Horse rescue, veterinary talks on chemical restraint of large animals.

Chainsaw Rescue Workshop

Solutions for using chainsaws for rescue; levels of competence, certification, operational procedures and training options.

Managers Overview Programme

A programme for 30 delegates to visit and observe three strands: Confined Space Workshop, Heavy Animal Rescue and Chainsaw Rescue.

Friday 2 Oct

Remote Operated Vehicles

Presentations and demonstrations on the use of ROVs for FRS use. Helicopters, drones and various robots will all be on show. Cameras, sensors, downlinks, new technology and links to command vehicles.



Mutual Aid Seminar

Monday, September 28

Location:

**Holiday Inn, Passfield Avenue,
Eastleigh, SO50 9PG**

0900 – Registration and coffee

0930 – Welcome from CFOA President John Bonney, Hampshire Fire and Rescue Service

0945 – Chris Boulton, representing the Office of the Chief Fire and Rescue Adviser

National command initiatives being developed through the Office of the Chief Fire and Rescue Adviser, and links between Government and FRS's in the event of a national incident.

1025 – Roy Wilsher, CFO Hertfordshire FRS and CFOA lead on Command and Control

Development of national command and control procedures available at national scale incidents.

1100 – Tea/coffee

1120 – Terry Standing, CFO Gloucestershire FRS

Embedding New Dimension assets into Fire and Rescue Services.

1200 – Steve Woodfield, Manager of the FRS National Co-ordination Centre

The role of the FRSNCC in the event of a national scale incident.

1230 – Lunch

1330 – Keith Holland, Technical Director of Vosper Thorneycroft Critical Services (VTCS)

Presentation on the support available from the main contractor at major incidents involving New Dimension assets.

1400 - Gordon MacMillan, CLG New Dimensions Manager and European Union Disaster Relief programme

The mechanisms for calling upon European Union assistance to catastrophic incidents.

1440 – Alan House, Deputy CFO Hampshire FRS

How a FRS can prepare for a regional or national response.

1530 – Display

Practical display of a full range of vehicles that can be called upon to support national scale incidents e.g. New Dimension fleet, HART Team, Command Vehicles, commercial plant, etc.

1700 – Round up and final questions



Trench rescue operations

Monday, September 28

Location:

**Hampshire FRS Headquarters,
Leigh Road, Eastleigh, SO50 9SJ**

PPE required:

Much of this day involves working in and around real trenches so full PPE is required by delegates.

These rare but dangerous incidents are dealt with, and prepared for, in various ways. This workshop will explore various techniques and theories. Experience of real incidents will be shared and delegates can see and try a range of equipment options.

0900 - Registration

0930 – Welcome and introduction - Peter Crook, Hampshire FRS

0945 – Phil Brown, Southampton Solent University soil engineer
Soil dynamics and soil stability.

1030 – Case studies of real incidents
Examining challenges and technique.

1100 – Tea/coffee

1120 – Case studies (continued)

1200 – Katie Tullett, Health and Safety expert
A Health and Safety perspective and incident statistics.

1230 – John Grubb, Construction Industry Training Board (CITB)
Looking at the CITB standards.

1300 – Lunch

1400 – Practical sessions
Demonstration of various systems in use

East Sussex FRS system

Fire Service College system

Hampshire FRS system

1615 – Tea/coffee

1630 – Final round up and questions



(USAR) Advanced Shoring

Tuesday, September 29 or
Wednesday, September 30

Location:

**Fort Widley, Portsdown Hill Road,
Portsmouth, PO6 3LS**

PPE required:

Suitable USAR PPE for taking part in the shoring work or outdoor clothing if you are just observing.

Led by USAR national shoring leads, the day looks at a number of realistic shoring scenarios with discussion and debate on the effectiveness of the proposed solutions.

0900 – Registration and coffee

0930 – Welcome and introduction

0945 – Keith Bellamy, Hampshire FRS

Shoring development, testing of shores and shoring systems, engineering issues and international lessons.

1030 – Tea/coffee

1045 - Lessons from L' Aquila

A presentation of shoring done at the major Italian earthquake earlier this year. Delivered by an Italian Fire Service structural engineer who was involved from the early stages.

1050 – Practical workshops

Safe working at height during shoring operations.

Updates and potential changes to shoring systems.

Use of non-standard timber for shoring operations.

Modified application of shores for real situations.

1245 – Lunch

1345 – Practical workshops (continued)

1500 – Tea/coffee

1520 – Practical workshops (continued)

1630 – Round up and final questions



Hot cutting

Tuesday, September 29
or Wednesday, September 30

Location:

**Hampshire FRS Headquarters,
Leigh Road, Eastleigh, SO50 9SJ**

PPE required:

Outdoor clothing for the demonstrations and specific hot cutting PPE for the teaching sessions.

A masterclass delivered by the national technical leads, demolition experts and manufacturers, it will cover advanced hot cutting techniques using both Petrogen and Clucas equipment and hot cutting tool maintenance.

0900 – Registration

0930 – Welcome and introduction

Today will be facilitated by an expert team including Barry Holder, Tyne and Wear FRS, Ray Cousins, Hampshire FRS, demolition expert Pat Barter, plus John Wilcox and Safequip staff.

0945 – Practical workshops

Refresh of basic techniques (if required)

Refresh of more advanced techniques

Techniques for cutting through large gauge steel plate

Felling steelwork safely

Underwater cutting experiments

1230 – Lunch

1330 – Practical workshops (continued)

1430 – Demonstration

Presentation and demonstration of hot cutting equipment and PPE innovations.

1515 – Tea/coffee

1545 – Maintenance

The maintenance and repair of hot cutting equipment.

1645 – Round up and final questions



CBRN Operations

Tuesday, September 29

Location:

**Holiday Inn, Passfield Avenue,
Eastleigh, SO50 9PG**

PPE required:

Outdoor clothing for the demonstrations and testing of CBRN kit.

A workshop that looks beyond the mass decontamination role of a CBRN incident at basic core activities and rescue capabilities within a hot zone.

It also seeks to identify the support and advice that can be provided to fire and rescue service personnel from the various agencies and industries that specialise in CBRN operations as well as investigating the latest PPE developments.

0900 – Registration and coffee

0930 – Welcome and introduction

0950 – Morning session

Detection, Identification and Monitoring (DIM) vehicle, its capabilities and new developments.

USAR working in a CBRN environment and how DIM should be integrated.

Demonstrations of PPE options that may provide solutions for hot zone working.

1230 – Lunch

1330 – Afternoon session

How Hazardous Area Response Teams (HART) are preparing for hot zone CBRN working.

Specialist CBRN advice and support services.

Inter-agency operations.

Final round up and questions



Manager's Overview Programme

Tuesday, September 29

This is a full day's programme for managers to gain an in depth overview of each of the subject areas covered. Tailored to allow managers to gain the level of knowledge they need, the day will involve a guided tour around all the workshops. Observations, discussion and questions to the relevant experts will be facilitated and, if necessary, managers can concentrate more time on specific areas if they wish.

Location:

Various – starting at Hampshire FRS HQ, Leigh Road, Eastleigh, SO50 9SJ

PPE required:

Outdoor clothing for the demonstrations. Any specific PPE will be provided.

Timetable:

A schedule for up to 12 delegates rotating round the workshop venues;

0900 - Registration and welcome

1000 - Advanced USAR Shoring and Hot Cutting Masterclass, Fort Widley, Portsmouth

1300 - Lunch

1400 - CBRN Operations, Hampshire FRS HQ

1545 - Rope Rescue Workshop

1700 - Return to Hampshire HQ



Rope Rescue Workshop

Wednesday, September 30

Location:

**Hampshire FRS Headquarters,
Leigh Road, Eastleigh, SO50 9SJ**

PPE required:

Outdoor clothing for the demonstrations and any suitable PPE and equipment for those wishing to try out rope systems and equipment.

This workshop investigates developments in this field of operation as well as ongoing work with rope rescue trained medical professionals. There will be an opportunity to trial kit from four of the major rope equipment suppliers.

0900 – Registration and coffee

0930 – Introduction and welcome Phil Crook, Hampshire FRS

0945 – Practical workshops

Use and trials of ropes and equipment from the following manufacturers;

Abtech

Heightec

Lyon and

SAR products

Equipment drop testing including

Fall arrest of rescue loads using
descenders/belay devices;

Fall arrest of rescue loads using back up
devices;

The effects of dynamic rescue loads on
damaged slings;

The effects of dynamic rescue loads on
open/cross-loaded karabiners/connectors;

The performance of textile products after
exposure to various types of environments;

How fall arrest lanyards react to differing
weight loads and fall factors.

1230 – Lunch

1330 – Practical workshops (continued)

1500 – Tea/coffee

1520 – Medical issues working at height/ confined spaces – Basics Doctors

1630 – Final round up and questions



High Volume Pumping

Wednesday, September 30

Location:

**Fawley Power Station, Fawley,
Hampshire, SO45 1TW**

PPE required:

Outdoor clothing for the demonstrations or HVP/firefighting PPE for delegates who want to get involved.

A one day workshop looking at the national scene, regional co-operation, equipment developments and operational techniques to maximise the use of these assets.

0915 – Registration and coffee

0945 – Introduction and welcome

1000 – Martin Blunden, CFOA Capability Lead for High Volume Pumping

Looking at the latest national initiatives

1045 – Richard Hall, Leicestershire Fire and Rescue Service

Designing a bespoke High Volume Pumping capability

1130 – Tea/coffee

1150 – Hytrans

Discussing the latest equipment developments

1220 – Charles Fairfull, Surrey FRS

Planning for HVP operations in a wild fire scenario

1245 – Lunch

1345 – Practical workshops and demonstrations

Forest firefighting deployments and hose management/ramping

Combining HVP and conventional FRS pumping

HVP for refinery fires and water recycling

Hytrans developments and demonstrations

1630 – Round up and questions



Manager's Overview Programme

Thursday, October 1

A full day's programme for managers to gain an in depth overview of each of the subject areas covered by the day's workshops. Tailored to allow managers to gain the level of knowledge they need, the day will involve a guided tour around all the workshops. Observations, discussion and questions to the relevant experts will be facilitated and if necessary managers can concentrate more time on specific areas if they wish.

Location:

Various – starting at Hampshire FRS HQ, Leigh Road, Eastleigh, SO50 9SJ

PPE required:

Outdoor clothing for the demonstrations. Any specific PPE will be provided.

Timetable:

There will be two schedules for up to 12 delegates each, rotating round the workshop venues;

Group 1

0900 - Registration and welcome

0930 - Chainsaw Rescue Operations
Hampshire FRS HQ

1130 - Confined Space Operations Flagship
Training, Portsmouth

1300 - Lunch

1445 - Animal Rescue Workshop
Lyndhurst Fire Station

1700 - Return to Hampshire HQ

Group 2

0900 - Registration and welcome

1000 - Animal Rescue Workshop
Lyndhurst Fire Station

1230 - Lunch

1330 - Confined Space Operations Flagship
Training, Portsmouth

1530 - Chainsaw Rescue Operations
Hampshire FRS HQ

1700 - Return to Hampshire HQ



Heavy Animal Rescue workshop

Thursday, October 1

Location:

**Lyndhurst Fire Station,
New Forest, SO43 7BQ**

PPE required:

Outdoor clothing for the demonstrations and any suitable PPE and equipment for those wishing to take part in demonstrations.

Animal rescue is a subject that many fire and rescue services have an involvement in, yet it is an area where a large degree of specialist knowledge of both animals and rescue techniques is required if incidents are to be dealt with safely. Today's workshop explores these issues.

0900 – Registration and coffee

0930 – Jim Green Animal Rescue Specialist, Hampshire FRS

Recent developments in training and establishing levels of competency.

1000 – Professor Josh Slater, Royal Veterinary College and British Equine Veterinary Association

Advances in vet training and knowledge, Safer Horse Rescues project and Emergency Rescue Fund, PRP transportation rescue service.

1045 – Tea/coffee

1100 – The safe rescue of equines:

Anatomy

Available pulling / lifting points

The essential role of chemical restraint techniques in safer rescues (sedation and anaesthesia).

1300 – Lunch

1400 – Professor Josh Slater and Hampshire FRS

Practical scenarios encountered and options for rescue.

1600 – Final round up and questions

1630- Close



Confined Space Operations

Thursday, October 1

Location:

Flagship Naval Training Centre, Whale Island, Portsmouth, PO2 8ER

PPE required:

Suitable PPE for observing practical demonstrations in a training environment or for participation in confined space exercises.

Well defined legislation governs operations in confined spaces that responders should be aware of.

Today's workshop seeks to identify possible solutions, trial some of the available equipment, promote training competencies and discuss best practice with industry experts.

0900 – Registration and coffee

0930 – Welcome and introduction

0945 – Bob Daunton, Health and Safety Executive

Looking at the legislative requirements for confined space working.

1030 – Ged Richmond, National Resilience Assurance Team (NRAT)

Recent developments in national FRS confined space procedures.

1115 – Tea/coffee

1145 – Paul Murray and Chris Roper, Hampshire FRS

Looking at the use of airline, line communications and associated safety procedures for confined space operations.

1245 – Lunch

1345 – Practical workshops

Tour the Whale Island confined space training facility and take part or view demonstrations of various practical confined space working systems and equipment.

1545 – Tea/coffee

1615 – Round up and open forum question session



Manager's Overview Programme

Wednesday, September 30

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PPE required:

Outdoor clothing for the demonstrations. Any specific PPE will be provided.

Timetable:

There will be two schedules for up to 12 delegates each, rotating round the workshop venues;

Group 1

0900 - Registration and welcome

0930 - Rope Rescue Workshop and Forensic Operations Hampshire HQ

1130 - Advanced USAR Shoring and Hot Cutting Masterclass, Fort Widley, Portsmouth

1300 - Lunch

1445 - High Volume Pumping Workshop, Fawley Power Station

1700 - Return to Hampshire HQ

Group 2

0900 - Registration and welcome

1000 - High Volume Pumping Workshop, Fawley Power Station

1230 - Lunch

1330 - Advanced USAR Shoring and Hot Cutting Masterclass, Fort Widley, Portsmouth

1530 - Rope Rescue Workshop and Forensic Operations, Hampshire HQ

1700 - Return to Hampshire HQ