

**Trauma**



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# UKRO Challenges 2014

4 - 6 July 2014

University of Essex, Colchester



**CFOA**  
Chief Fire Officers  
Association



[www.ukro.org](http://www.ukro.org)

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# 1 Introduction

- 1.1 Firefighters are increasingly being asked to deal with more challenging casualty related situations than ever before. Their skills in dealing with casualties at incidents are constantly being challenged.
- 1.2 The objective of the UKRO Trauma Challenge is to develop the BTLS skills of firefighters and rescue workers to enable them to deal successfully with the vast range of casualty centred incidents.
- 1.3 Firefighters from the United Kingdom will be assessed on their “life saving” during a ten minute, trauma based scenario.
- 1.4 The National Trauma Challenge will focus on developing and promoting the life support skills of rescue personnel, which will allow them to fill the therapeutic vacuum until further medical help arrives.

## 2 The Mission

- 2.1 To provide a platform for rescue personnel from across the British Isles to come together, in order to enhance and develop competence levels in trauma care.

## 3 The Objectives

- 3.1 To provide a means for rescue personnel to exhibit their rescue techniques through live casualty simulation.
- 3.2 To provide a development programme for rescue personnel.

## 4 The Benchmarks

- Develop a Safety First attitude amongst all rescuers.
- Emphasise patient, rescue personnel and scene safety.
- Encourage higher and more proficient levels of pre-hospital care.
- Create the broader spectrum of trauma principles and techniques.

## 5 The Challenge

- 5.1 The National Trauma Challenge will be open to all UK, Fire and Rescue Services.
- 5.2 Each team will consist of two members.
- 5.3 Each team will be assessed during a ten minute scenario.
- 5.4 Each team will allowed nine minutes for assessment and treatment and a further one minute for patient handover.
- 5.5 The first day all teams will compete and undertake the 10 minute scenario with the top 50% of teams being invited to a “run off” on the Saturday. The scenario on the second day will be more complex in its nature and may involve more than one casualty.

The team will be assessed in the following areas:

- Scene safety
  - Initial patient contact
  - Assessment of injuries and condition
  - Treatment of casualty
  - Patient handover
- 5.6 Each team will be afforded a ‘hot’ debrief immediately following their ‘run off’, with a written critique post-Challenge on request. It must be noted that the assessors’ decision is final and all participants are asked to respect that decision.

Marks will be awarded each day with both sets being collated together and the highest combined score will determine the order of places.

**NB. A copy of the assessment sheets to be used each year will be available to every team, on the web site prior to the annual Challenge.**

## 6 The Rules

- 6.1** No team will participate without the written authorisation of the Brigade Manager/Chief Fire and Rescue Officer/ Firemaster or Chief Executive of their organisation.
- 6.2** Each team will consist of two members.
- 6.3** Only approved Brigade issue Personal Protective Equipment will be worn by all team members including the medic if a Fire Service member. In the event of a Paramedic acting as medic, they must also wear full protective clothing
- 6.4** Live casualties will be used in the Challenge and will award marks on 'Casualty Handling'.
- 6.5** Basic packaging of the patient will be evaluated using the ABC and S protocols, with care and safety being of prime importance.
- 6.6** The decision of the Head Assessor concerning any assessment or conduct will be deemed to be final
- 6.7** The organisers, with the Host Brigade, will supply a comprehensive selection of equipment. Note: All competitors are responsible for providing their own full PPE, including medical gloves and eye protection.
- 6.8** Teams will present themselves to the 'Team Registration' area, twenty minutes prior to their designated run off time.
- 6.9** The organisers may substitute another team, in the event of a team 'No Show'.
- 6.10** There will be a briefing of all participants immediately following the Opening Ceremony on Thursday night and this will take place at the same venue.  
N.B. It is mandatory that all team leaders or their designated deputies attend this briefing
- 6.11** The Organisers and the host brigade will not be responsible for any damage or loss of any equipment as a result of participating in this event.
- 6.12** Workers' Compensation, Insurance etc. for the protection of the team members shall be sole responsibility of the participants in the event. The host organisation shall supply third party liability insurance.
- 6.13** In order to take part in this challenge, all team members must attend UKRO Educational Workshops.

## 7 Code of Conduct

- 7.1** All participants are reminded that they are not only representatives of their own Brigade or Service but also that they represent the Rescues Services as a whole, and are to conduct themselves accordingly.
- 7.2** Both the Opening and Closing ceremonies are formal functions and appropriate undress uniform is to be worn without caps. Dress may be relaxed to shirtsleeve order at the discretion of the organisers and due notice will be given.
- 7.3** Participants are expected to be smartly dressed whilst in the Challenge venue, it is preferred that working rig be worn to tour the site, however this can be relaxed to casual wear, so long as it is smart and approved by the team manager.
- 7.4** Full protective clothing will be worn in the Challenge area, this maybe relaxed during 'preparation and make up' at the discretion of the head assessor.
- 7.5** It is accepted that the evenings events perform an important part of the socialising aspect of the Challenge, but participants are again reminded to behave in a manner befitting their Service and have due regard to non-service persons who may share the same facilities.

## 8 Tools and Equipment

Teams may select appropriate equipment from the Trauma kit bags supplied.

### **Trauma Equipment**

- 1 x Pocket Mask
- 1 x Disposable Bag and Mask
- 1 x Set Of 6 Guedal Airways
- 1 x 7mm Nasopharyngeal Airway
- 1 x 8mm Nasopharyngeal Airway
- 1 x Vitalograph Aspirator
- 1 x Tuf Cut Shears
- 2 x 99% - 100% Non-Rebreathing Disposable Adult Mask
- 1 x 99% - 100% Non-Rebreathing Disposable Child Mask
- 1 x Small First Aid Kit 2 x Disposable Non Sterile Gloves
- 1 x Body Fluid Spillage Kit
- 1 x Stethoscope
- 1 x Asherman Chest Seal

### **Medical Equipment**

- 1 x Longboard
- 1 x Medical collars (set)
- 1 x Resuscitator/ O2 therapy unit and O2 Cylinder
- 1 x Blanket
- 2 x Trauma splints
- 1 x Defibrillator

## 9 Health and Safety

- 9.1** A risk assessment will be conducted prior to each evolution to ensure the safety of both participants and spectators. Dynamic risk assessment will occur throughout the evolution, not only by the team involved but also by the assessors. Any unsafe or potentially unsafe practice will be stopped immediately.
- 9.2** Should any item of the casualty's personal protective equipment, be removed by a team member, for any reason, it must be replaced before work can recommence.

## 10 Assessing and Scoring

- 10.1** Each team will be evaluated in the following areas:
- Scene safety
  - Initial patient contact
  - Assessment of injuries and condition
  - Treatment of casualty
  - Patient handover
- 10.2** Copies of all the assessment sheets in use each year will be provided to each accepted team prior to the event.
- 10.3** Points awarded per sub-section will be totalled and each sub-section added together to give an overall score for that particular criteria.
- 10.4** Every team will be afforded a 'Hot Debrief' immediately following their performance, with a follow-up written critique 'post Challenge' on request.
- 10.5** It must be noted that the Assessors' decision is final and all participants are asked to respect that decision.



# 11 Awards

- 11.1** Each year the UK Rescue Organisation Committee recognises the performances of the teams that compete. The effort and dedication that has been put in by team members and supporters towards this Challenge over many months, shows the value of just such an event as this.
- 11.2** Awards will be made to the teams in the following categories of the Challenge

## **National Trauma Challenge Champions**

**Top Overall Team**

**2nd Place Team**

**3rd Place Team**

# 12 Documentation

- 12.1** Enclosed you will find the following forms:
- Team Registration Form
  - Authorisation To Compete and Insurance Indemnity

If undertaking manual registration (please note that an electronic registration process exists on the UKRO web site) these must be completed and returned, together with the full entrance fee, to the following address:

UKRO  
Mary-Bronwen Maggs  
Knowledge and Information Manager  
Lincolnshire Fire and Rescue Headquarters  
South Park Avenue  
Lincoln LN5 8EL

01522 582274  
07785 373064

- 12.2** The entrance fee must be received before your team can be accepted as a participant in the National Trauma Challenge.

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14 - 16 August 2014

University of Essex, Colchester



**UNITED  
KINGDOM  
RESCUE  
ORGANISATION**  
Advancing  
professional  
rescue

## Trauma

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## Team Registration Form

I have attached the full entry fee of **£400 + VAT** (All cheques are payable to 'UKRO')

Cheque No:  Date:

Name of Fire and Rescue Service:

Liaison Officer:

Tel No:  Fax No:

E-Mail Address:

Team Name:

Team Address:

Team member names:

(Please indicate by ticking box if team member is participating in another challenge)

☐ **E** EXTRICATION ☐ **R** ROPE ☐ **U** USAR

1.

☐ **E** ☐ **R** ☐ **U**

2.

☐ **E** ☐ **R** ☐ **U**

Name of Reserve:

**To be completed by the Team Manager:**

On behalf the above Fire and Rescue Service team, I confirm that we have read and understand the rules governing this Challenge.

Signed:

Name:

Date:

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## Authorisation to Compete

I hereby confirm that the Fire and Rescue Service team below is authorised to take part in this year's UKRO Rescue Challenges. I also confirm that the team will attend the UKRO mandatory educational workshops in order to obtain maximum benefit from the event.

Signed:

Name:

Position\*:

Fire and Rescue Service:

Date:

\* The UKRO requires that this person must have the authority to approve the above, preferably the Chief Fire and Rescue Officer, Chief Executive Officer or their Deputy.

## Insurance Indemnity

I hereby confirm that for the purposes of insurance, that the Fire and Rescue Service team below is deemed to be on official duties whilst attending the UKRO Rescue Challenges.

Signed:

Name:

Position\*:

Fire and Rescue Service:

Date:

\* The UKRO requires that this person must have the authority to approve the above, preferably the Chief Fire and Rescue Officer, Chief Executive Officer or their Deputy.