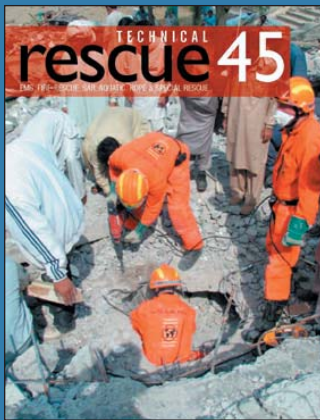


TECHNICAL RESCUE

NEWSLETTER

45



Contents

- 2: *Reviews* in the Pipeline
- 3: Issue 44 [Sampler](#)
- 4: Issue 45 [Sampler](#)
- 5: Who's Who at TRm
- 6: EXTRICATION: The new Zumro Range of Tools
- 7: [Product News](#)
- 8: Higgins & Langley Aquatic Awards
- 9: **EventNEWS**
 - [Icelandic SAR](#)
 - [Lyon Tech Symposium](#)
 - [UK Police symposium](#)
- 11: Coming Up in issue 46
- 12: Back Issues
- Appendix: [From the Archive - Full Body Harnesses - issue 34](#)

REVIEWS IN THE PIPELINE:

We're biting our tongues on continued New Dimensions and Homeland Security expenditure in the face of daily lives lost due to insufficient funding for medical resources and instead will look at what's coming up in TRm:

From the water rescue field we're currently playing with a whole host of **Yak** water rescue equipment from Crewsaver. This includes a new helmet and their **Zambezi Rescue Buoyancy**. This is one we're already familiar with and indeed have been using operationally for several years but there are some changes though perhaps not enough to warrant a full review. We'll probably try for a comparison with a couple of other excellent new models including one from eastern europe! Jim is busy abusing a new Mustang drysuit constructed with kevlar panels.

From **Magellan** we have the **Roadmaster 760 GPS** navigation system. This is a plug and go device offering exceptional detail, audible guidance and European as well as US route mapping. Extremely accurate so far but did ultimately start to get confused (or annoyed!) after a full day of ignoring the instructions causing it to recalculate routes again and again.

Milwaukee reciprocating saws are currently being abused in vehicel extrication work having been employed in attacking some storm damage. The hatchet is an 18volt saw with multi-angled head enabling you to get it into difficult spaces. The 25volt Lithium Ion model is one of a group of tools on the Li Platform and is a powerful new addition to the Milwaukee range.

Otter Box has supplied a minicase with an integral heavy duty mag-mount which is incredibly strong and enabled us to forget that a phone and a digi-camera are attached to the outside of the truck!! Also in the mini-case realm is a **Peli 1020**, slightly larger than the Otter and with integral internal rubber padding. Several much larger transport cases due for publication in the next issue from **Seahorse, Peli, Explorer, Storm and Hardigger**. The latter is an enormous crate much used by USAR teams but the others are fully bear-proof cases with wheels and handles for ease of movement as well as 'pick and pluck' foam inserts. We also have the very fine **Seahorse Laptop Case** giving our existing **Peli Laptop Cases** a run for their money.

Having failed to procure some Rocky Cold weather boots we do have the latest **Magnum boots** with integral side zippers. This is something we've been after for years having used Magnum Elite's since their introduction and most other versions in between! We'll also be looking at other 'black' boots in the run up to issue 47 later in the year.

Also from **Peli** the 6050 LaserPro Rechargeable - a mid-sized search light and we've been using the **Recoil LED** torch for several months and been comparing it with the **Surefire KL1** a more tactically oriented torch with machined aluminium case.

A **Leatherman Multi-tool** review on the new top of the range **Surge** had to be postponed after we managed to lose a spring from the hex drive adapter! Another product from Leatherman we've been very impressed with is their new and incredibly well made **E306 Locking Liner** knife. This is a 'traditional' lock-knife but with concealed arabiner hook and hex drive adapter it's closer

to a multi-tool.

We've been using the Scott Scout for several months and have now also introduced the BW Micro-5 which gives us an extra gas. In our case the Naval Dockyard risks make Chlorine a useful additional gas to test for. we hope to get this review into issue 46.

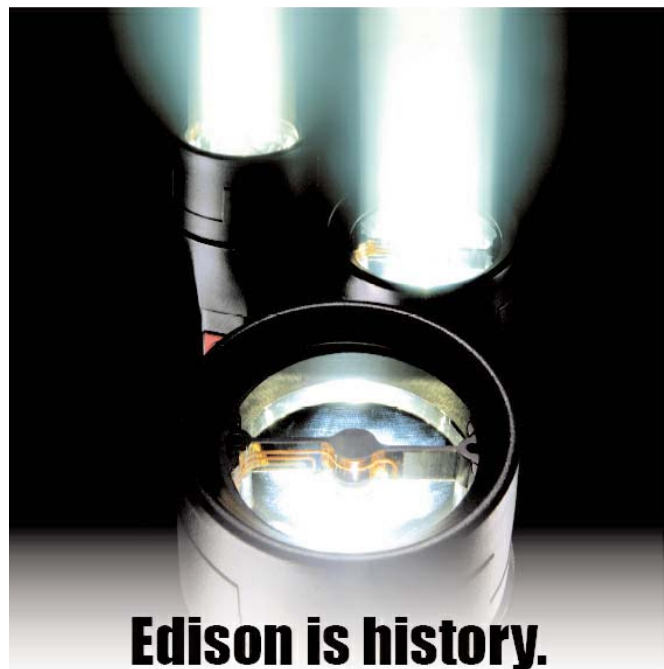
Several books are being worked through - most are from Jones and Bartlett - from their **Exam Prep series** we're looking at Technical Rescue titles (3) and from **AAOS-Professional Recuer CPR** though this may not see print because of the guideline changes which supercede some of the content of this book.

Ronald Moore's Extrication Guide from Mosby is pencilled in for the next issue but we are still awaiting some comparative titles including **Engineering Practical Rope Rescue Systems, Confined Space Rescue** and the **Vehicle Rescue Handbook**.

Crossline's latest version of **REACH** originally a water rescue rope retrieval device is built to be much larger and stronger and able to be attached to an 11mm rope for retrieving up to 26mm ropes/bar diameters. This is currently doing a water rescue evoluion before being re-deployed for urban rope rescue. This is a kind of mini-grappelling hook which 'lock's onto the contacted rope and we see a number of uses for this in rescue.

Items slated for review but yet to hit the door mat are Rock Exotica's latest range of pulleys with integral swivels, Yate's Voyager Full Body Harness, Ice/mud/water rescue sled, Boston-T Rescue Stretcher and stuff we haven't even asked for yet includes cold weather jackets, Conspicuity lights, sirens and markings.

If you'd like to submit a product or suggest a Back to Back, Review or Market Guide contact us at info@t-rescue.com or ade6@aol.com



Edison is history.



SabreLite™ LED with Recoil™

It looks like Thomas Edison's light bulb is about to go out. Introducing new Recoil LED Technology™ from Peli. By pointing a hi-performance Luxeon LED backwards into the reflector, 100% of the light is captured and focused forward.

What you get is the first LED torch that's as bright as an incandescent, without the dark spots and irregular beam pattern caused by old-school filament lights. Plus the durability and extended lamp life of an LED.

PELI PRODUCTS (UK) LTD.

Peli House, Peakdale Road, Brookfield,
Glossop SK13 6LQ. Tel: 01457 869999
www.peliproducts.co.uk



ISSUE 44 **Sampler**

For those that don't subscribe to Technical Rescue magazine - Why Not? Issue 44 was 65 pages and these are some of the articles:



Left: Hurricane Katrina was the worst of a series of category 3,4 & 5 hurricanes to batter the Gulf region. Issue 44 focused on the US's ability to deal with Katrina with comment from Ade Scott & Jim Segerstrom.



Left: Extrication competitions are seen by some as a means of showboating and bear no relevance to actual incidents. Others would argue that modern competitions actually improve the skills available - Jim Hutchens provides a biased perspective.



Inflatable Rescue airbags for arresting jumpers and fallers from height could revolutionise height safety and the realism of rope rescue and safety at height training.



Right: South African Paramedic Neil Noble provides incident details for two difficult airway incidents.



Left: Otter are one of a handful of companies manufacturing high quality protective cases for specialist purposes. We review two of their larger models.



Right: Peli the market leader in small protective cases provide much larger cases than Otter and we review their latest wheeled case.



Left: TRm Consultant Editor Jim Segerstrom's excellent series on swiftwater with his most in-depth article yet on water hydrology. This details the features that must be identified in a flood or fast moving incident and how it's formed or avoided!!



Right: Our Market Guide to Hydraulic Cutters details all the spec from all the main players in the extrication world.

ISSUE 45 **Sampler**

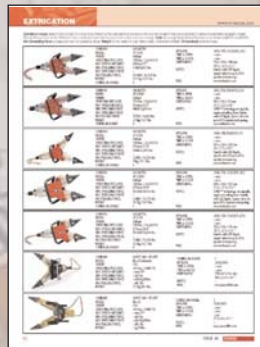
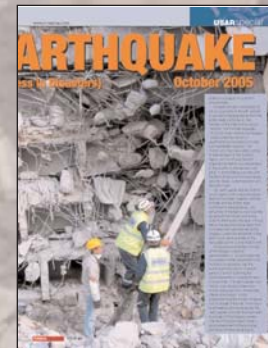
For those that still haven't subscribed here are some issue 45 highlights. Subscribe via the website: www.t-rescue.com..... shopping.....subscription



Our Back-to-Back examines four of the market leading protective cases. Waterproof, shockproof and they've got handles and wheels - brilliant! Heavy equipment can be stored and moved without contravening manual handling regulations.



The Pakistan Earthquake in October 2005 caused considerable devastation and loss of life. 16 international teams assisted the Pakistan rescue military and rescue agencies in rescuing around 20 trapped persons. We look in detail at the work of UK team RAPID UK and Dutch team USAR-NL.



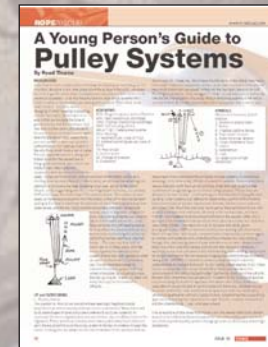
Left: Extrication Market Guide continues with a look at all the main Hydraulic Spreaders, Combi-tools and Electric-hydraulics in the next 2 issues.

Right: Jim Segerstrom begins a 2-part review of boat techniques with an article on the rope systems used to position personnel and/or boats for rescue.



Left: 3 Gear Reviews in this issue including the Spyderco Assist knife, Leatherman Core Multitool and an updated version of the supreme Petzl Navaho full body harness.

Right: Reed Thorne is a giant amongst Linemen and most folk he stands next to! This classic article details the basics of pulley systems explaining the maths and construction of all the necessary advantage systems.





Left: Kelly Matthews the Boss! (& Ben). Sales & Marketing, webmaster and general guinea pig. The legal profession never involved wearing a search dog!

Right: Californian Jim Segerstrom - US Editor, ex-flight paramedic, long-standing member of Tuolumne Sherrifs SAR team. Probably the most experienced proponent of flood and swiftwater rescue in the world. A thorn in the side to some, voice of reason to most!

Below: Gary Cross, primary mag Researcher. firefighter medic and Churchill Fellowship recipient looking into US flood rescue procedures.



Above: Editor Ade Scott formed Hants Rope Rescue in the early 80's then head of Ops Technical Rescue Unit. Climber, caver, tree surgeon, rope access worker & founder of Technical Rescue mag. Outspoken critic of buracratic nonsense, great believer in appropriate tools & skills for the job but also in an 'acceptable degree of risk for the job in hand' which is a worry for the rest of us!



Who's Who at TRm?



Left: Ade-(top), Dinger and Davey with Adam Jones doing the work! Adam is a Firefighter USAR, TRU Tech, tree surgeon, climber and surfer.



Above:Contributor and researcher Richard Hackwell, currently water rescue instructor to London Fire Brigade and TRU Aquatic Technician but remains an auxillary Coastguard and Lifeguard as well a maintaining his tree surgery skills



Right: Welsh as a Brian Robinson! TR's Confined Space consultant is ex-mines rescue and Channel Tunnel Rescue Team. Brian now trains UK and Irish Rescue Teams in C.S.Rescue



Below: Barry Smith. Inventor, Mag Researcher, firefighter and snr TRU Rescue Technician. The most pro-active and competent firefighter-rescuer in the county.

Above: Chris Walker - Mag Researcher. RNLI Cox, Lifeguard, TRU Technician, accomplished climber and canoeist. Scottish but we're very tolerant!



Left: Contributor and researcher Jim Hutchen, Firefighter (USAR) & TRU Technician. Medic with Brigade Extrication Team. Very accomplished climber, surfer and tree surgeon.



Above: Don't Ask! Contributor Rich Bell (Dinger) ex-Ambo, TRU Medic, police medic and search dog Handler. Now Tactical medic in Iraq soon returning to paramed work with Staffs Ambulance

ZUMRO ResQtek

New Name, New Range of Tools

Zumro ResQ introduces their new product line. Started three years ago with a development aim that was simple: create the ultimate performing rescue tools. In producing this revolutionary line of tools Zumro also rebranded to tie the European and North American companies together and they are now known as: RESQTEC Zumro.

Each tool in the complete line is not only the most powerful in its class (light, medium, Heavy) they have an extremely light weight. All the tools have the highest power to weight ratio ever achieved. For example the G6 cutter has a cutting force of 127,5 tones with an operational weight of only 17,7 kg. and the X4 spreader & cutter with 103 ton 1010 kN and a weight of only 20,9kg. Although the numbers are impressive, RESQTEC has focused on what the research showed as most important to rescuers, which is effective performance and practical usage of the tool. The tools have several technologies incorporated that enable precisely that.

The weight of the tool has always been a critical aspect in tool design. But the weight a rescuer experiences while operating a rescue tool is influenced by more factors than only the physical weight of a tool. Factors like balance, position to the body and grip influence the real weight a rescuer encounters when operating a tool. Ergonomic Weight Optimization, or EWO technology was used to determine most of the design decisions for the new tools including the 360 degree carrying handle, the position of the hoses, and asymmetrical control handle. Tools developed with EWO-technology made a great leap by lowering the influence of weight and improving handling.

EWO does three things:

- Gives you the ability to change positions easier and faster
- Lowers the weight you encounter in operating positions
- Gives you more control over a tool in the complex positions

COMPLEX CAR DESIGN

In the last few years there has been increasing discussion in the industry about the ever-increasing strength and complexity of the car constructions.

Developing the blade (Advanced Blade Design or ABD) was one of the main challenges when designing the new cutters but the objective was clear; to have one blade optimized for any material a rescuer may encounter, rather than different tools for different materials. The blades grab and holds the material to be cut then cuts over the whole length. The cut is over the full length of the blade making

it easier for the tool to achieve a clean cut in the hardest of materials. The ABD blades do not compress the material instead shearing it in its original form which is much more efficient use of available power. ABD provides more control resulting in an impact free cut and less risk for the victim and rescuer.

Tools highlighted with the CCC icon are tested to have enough capacity to cut constructions or materials found in the latest cars on the market. More detail on the new set range of Hydraulic rescue tools from ZumroResQ can be found in issue 46 of Technical Rescue magazine or go to: www.zumro.nl



New from *Fox* 40

Micro Whistle

The Micro whistle is true to the Fox 40 tradition of innovative design and engineering excellence. Don't let its cool futuristic look and compact size fool you.

The Fox 40 Micro features patented technology that produces the unique shrill sound that you've come to expect from Fox 40. It sets a new standard in personal safety devices. With its new flat design, it can be attached to any type of equipment without being a hinder. Imprint this item with your service logo for the professional look. Colours available: Neon, Yellow, Black and Red. Price \$6.49 Cdn.



Water Safety Throw

For use anywhere the potential for water rescue exists. The Fox40 Water Safety Throw is a superior alternative to fabric throw bags, heaving lines and ring buoys. Blow-molded construction features an integrated handle - more visible and easier to grasp than the standard heaving line, especially in emergency situations. Quick-release plug prevents the rope from deploying inadvertently. 50 ft. (15 m) length of premium-quality polypropylene braided floating rope has 900 lbs. breaking strength. Price \$34.95 Cdn.



See www.fox40world.com for company information

SOAKING UP FLOOD WATER!



DISASTERS worldwide have proved the immense power of water. Now a nifty invention that works like a nappy harnesses that power ... ironically to stop floods. Innovative water bags from The Aire Group absorb water to act just like sandbags, but with the glaring difference that they don't have to be filled with heavy sand. This could mean the difference between life and death. Geoff Howard from Aire Group said: "The bags absorb water and then hold it just like nappies, yet are puncture-proof. Once the water is in there, it stays in there and the bags act just like sandbags to keep floods at bay.

"The water bags are incredibly quick to fill with water and their semi-porous inner liner has hundreds of absorbent crystals which retain the water against tremendous pressure." "The bags can be folded and take up a tiny amount of storage space compared with traditional sandbags which are heavy, unwieldy and deteriorate if stored for a long time. There is a danger that when they are needed in an emergency they can fall to pieces as they are dragged off shelves or pallets.

"They have to be replaced regularly which costs many thousands of pounds for big companies and local authorities which need palletised sandbags ready all year round for any emergency."

Each bag holds an amazing 20 litres of water and they have undergone tests with the British Army. One army report on them states: "The results were promising with the water bag being comparable, if not slightly superior, to the standard sandbag."

The report also said the water bag was "effective in reducing blast and fragmentation."

The bags can simply be immersed in water and will then fill up within five minutes which can be done at the scene. This means the super-lightweight folded bags can be retrieved from a central store and rushed to an emergency far quicker than traditional heavy sandbags. They are also biodegradable and so can be disposed of in landfill sites.

Water bag factfile:

- Bag material is heavy duty absorbent paper.
- Inner liner is absorbent gelling polymer.
- Size is 420mm by 570mm.
- Dry weight is 0.2kg.
- Filled weight is 20kg.
- Water capacity is 20 litres.

Contact : www.airegroup.com

INTERNATIONAL AWARDS HONORING CALL FOR NOMINATIONS: FLOOD & SWIFTWATER RESCUE



The Swiftwater Rescue Committee of the National Association for Search and Rescue is seeking nominations for the **2006 Higgins and Langley Memorial Awards** for Outstanding Achievement in the Field of Swiftwater Rescue, the highest international honors presented for flood and swiftwater rescue.

The awards recognize outstanding achievement in the field of swiftwater/flood rescue. In addition to individual rescue incidents and swiftwater/flood rescue team efforts, those who have dedicated years of service to developing and implementing swiftwater-flood rescue training programs, and public safety-media-education efforts, will be considered for nomination.

The awards honor civilian rescuer, Earl Higgins, who lost his life in February of 1980 while attempting to save a child being swept away in the flood-swollen Los Angeles River, and firefighter/paramedic Jeffrey Langley of the Los Angeles County Fire Department, who lost his life in a helicopter accident in March of 1993.



The awards will be presented during the annual conference of the *National Association for Search & Rescue, May 24-27, 2006, in Austin, TX.*
DEADLINE FOR SUBMISSIONS IS MARCH 15, 2006.

Download Nomination Forms:
Higgins & Langley Memorial
Awards in Swiftwater Rescue
<http://higginslangley.org>

BACKGROUND to the AWARDS:

The Higgins and Langley Memorial Awards in Swiftwater Rescue are the highest international honors presented in this technical rescue discipline. The awards were established in 1993 by members of the Swiftwater Rescue Committee of the National Association for Search and Rescue (NASAR) in honor of Earl Higgins, a writer and filmmaker who lost his life in 1980 while attempting to rescue a child being swept down the flood-swollen Los Angeles River, and Jeffrey Langley, a firefighter-paramedic with the Los Angeles County Fire Department, who lost his life in a helicopter incident in 1993. Because flood and swiftwater rescue operations are among the most dangerous of all technical rescue operations to perform, there is always an element of risk and heroism involved; however, the Higgins & Langley Awards recognize preparedness, teamwork, and a job well done, often under extreme conditions, where appropriate training is vital to the success of rescue missions, as well as the safety of rescue personnel and the victims they seek to help.

Prior to his death in 1993, Jeff Langley was working with NASAR's Swiftwater Rescue Committee, the Los Angeles River Rescue Task Force, and Earl Higgins's fiancée, Nancy Rigg, to develop a pioneering multi-agency swiftwater-flood rescue program in Los Angeles County that became a model for agencies worldwide.

With growing concerns about the ability of public safety agencies to manage rescue missions in adverse conditions involving floods and swift water - rising river floods, flash floods, tidal surge and tsunami floods - as well as the common river rescue bond between Earl Higgins and Jeff Langley, NASAR's Swiftwater Rescue Committee determined that international awards honoring swiftwater and flood rescue would be an appropriate legacy for Jeff Langley and Earl Higgins. It was at this point that NASAR's Swiftwater Rescue committee contacted Jeff Langley's mother, Karen Langley, and Higgins's fiancée, Nancy Rigg, to gain their support.

There are several award categories, including the highest award presented: the Higgins and Langley Award for Outstanding Achievement in the Field of Swiftwater Rescue. The Program Development Award honors those who have developed and implemented stellar swiftwater rescue programs. The International Award honors international teamwork or individual accomplish-

ments. Team, Incident, and Special Commendation Awards recognize specific rescue missions, unique individual contributions, as well as teamwork. And on occasion, a special Lifetime Achievement Award is presented. Flooding is the leading cause of weather-related death worldwide. Scores of people lose their lives in flood-related disasters and other fast-moving water incidents every year. Hundreds more suffer serious water-related injuries. Rescuers who lack swiftwater-flood rescue training and equipment are also at risk of serious injury and loss of life. Within the first few months of 1998, at least five rescuers and law enforcement officers in the United States lost their lives in swiftwater-flood incidents. Although improvements are being made in response capability, many public safety agencies remain inadequately prepared to perform safe and effective swiftwater-flood rescues or work safely in and around moving water.

It is hoped that through the Higgins and Langley Memorial Awards in Swiftwater Rescue, awareness about the need for swiftwater-flood rescue training and certification will continue to increase, and more agencies will be inspired to develop viable water rescue programs for the protection of the public, as well as the safety of their own personnel.

S

PONSORSHIP:

The Higgins and Langley Memorial Awards are supported by NASAR, with funding provided by corporate sponsors, including Rescue 3 International of Sonora, CA, CMC Rescue of Santa Barbara, CA, Technical rescue magazine based in the UK and CA, CFS Press of Asheville, NC, as well as individual donors, including the families and friends of Earl Higgins & Jeffrey Langley.

AWARDS PRESENTATION CEREMONIES:

The Higgins and Langley Memorial Awards are presented during the annual National Association for Search and Rescue Conference. We encourage agencies to coordinate local awards presentation events as well, in order to allow awards recipients, along with their families and colleagues, to share in the honors at the local level. Due to budget restrictions the awards committee cannot offset the cost of transportation to the awards ceremony.

For more information, please contact: Mr. Paul McMinn, Chairman Higgins and Langley Awards Committee, c/o South Bend Recreation Dept. 321 E. Walter St. South Bend, IN 46614 Tel: 574-299-4765 FAX: 574-299-4783

UK Technical Symposium 2006



Lyon Equipment is pleased to announce that their 6th annual Technical Symposium will be held on 25th and 26th September 2006. The theme for this year will be "Emergency Response at Height - equipment and systems performance", and there will be lectures and practical demonstrations on this subject. *TECHNICAL RESCUE* will be demonstrating the latest generation of Rescue Airbags for protection of workers, rescuers and victims at height. Delegates from emergency services and rescue teams will be particularly welcome. The event is at the Rheged Discovery Centre and Lyon Training Centre in the UK. This is close to the M6 in Cumbria, Northern England and is timed to coincide with the Mountain Rescue Committee conference which will be held in Lancaster (just 25 miles down the M6) on the 23rd and 24th November.

If you would be interested in presenting a subject, either as a practical demonstration or as a lecture, please contact Paul Witheridge at Lyon Equipment
Tel: +44 (0)15396 25943 or see Lyon Website www.lyon.co.uk

2006 National Working at Height for Policing Symposium

The Technical Rescue Airbag will also be in operation at the **2006 National Working at Height for Policing Symposium** organised by height safety and rescue training specialists **Rig Systems**. The event is being hosted by Cleveland Police Constabulary at their headquarters in Middlesbrough on Wednesday 22nd March 2006. The Rescue Airbag is just one of a series of demonstrations and seminars profiling fall protection solutions compliant with the newly introduced Working at Height Regulations. Previous events have hosted representatives from Tactical Firearms Units / Tactical Support,

Public Order, Marine Support Units, Health & Safety, and Negotiators. One theme for the March 22nd event is "The Working at Height Regulations - One Year On" - to consider how this milestone change in height legislation has affected policing operations in the UK.


Presentations will address how Police Services can develop Guidance Notes for working at height when undertaking fast time dynamic policing operations. The Symposium will also dissect the new Draft British Standard BS 8454 that covers the delivery of training for work at height alongside the impact this has for training within the Emergency Services.



Practical demonstrations include height protection system failure and specialist policing at height solutions encompassing protestor removal, fall protection for rooftop operations and collective fall arrest systems.

A thorny subject highlighted from last years discussions is exactly who in a UK Police Service is responsible for specifying, procuring, inspecting and maintaining height safety equipment - and of course keeping the legally required registers. There is potential for ambiguity, or worse, omission, between 'front-line' operational units and other police support departments such as technical or Health & Safety. The symposium will look at how to resolve these issues, and for those wanting in depth training Rig Systems are running their highly regarded Equipment Competent Persons course on the two days following the symposium.



See www.rigsystems.co.uk/news/html or email info@rigsystems.co.uk



Do you **D.A.R.E** work at Height without us?

Difficult Access Rescue & Evacuation Course

- Height Safety training
- Tower / Mast Access
- Technical Rope Rescue
- Fall Arrest Systems
- Roof Top Access
- Ladder Safety
- Intervention & Search
- Rescue Equipment supply

Contact our Specialist Services Manager:
Tel: +44 (0)1524 782877 info@xitraining.co.uk www.xitraining.co.uk

ISO9001 BS EN 9001:2000 Quality Assured

RESCUE

ICELAND 2006

An international Search and Rescue conference

Since 1990 ICE-SAR, Icelandic Association for Search and Rescue, has hosted a Rescue conference called "Björgun" ("Rescue"). Through the years the conference has developed and grown into a full blown SAR conference and now it is time to go international.

Built on experience

There are 101 volunteer rescue teams in Iceland doing every kind of rescue work on sea and land in urban and wilderness environment. In a hostile nature these rescue teams have built up a lot of experience and it is time to share it with the global rescue community. Make the most of it...



In times of uncertainty,
you need 5 times the protection.

Breathe easy, knowing your life is protected with
GasAlertMicro 5 PID
five-gas detector

- simultaneous display of up to five different gases: H₂, CO, O₂, SO₂, PH₃, NH₃, NO₂, HCN, Cl₂, ClO₂, O₃, combustibles (%LEL) and VOCs (PID) for Weapons of Mass Destruction (WMDs) and Toxic Industrial Chemicals (TICs).
- simple, user-friendly operation
- rugged, concussion-proof body
- integral pump option
- triple alarms (visual, audible and vibrating)
- highly water-resistant

Water Resistant

starting at
£865



BW
Technologies

+44 (0) 1869 233004
bwsales@bwtnet.com www.gasmonitors.com

Rescue 2006 will be held **October 20-22, 2006**. Participant will be able to attend pre conference courses at various locations in Iceland before the conference starts. That way you can make the most out of your visit to Iceland for Rescue 2006.

Visit Iceland - network with Icelandic rescuers - get a new perspective!

Registration starts March 1, 2006



www.icesar.com

Technical Rescue magazine

COMING UP IN ISSUE 46

• **ICELANDIC RESCUE**
Rescue teams, equipment and incidents from Iceland.

• **AQUATIC-**

Jim Segerstrom continues the finest series in modern literature with *Boats in Floods*

• **MARKET GUIDE to HYDRAULIC COMBI-TOOLS**
All the main players, all the specifications

IDAHO Mountain & SAR UNIT and Boise University look at
• **UPDATING TRAINING MATERIALS**

• **BACK to BACK - LARGE TRANSPORT CASES**
Continuation of our Protective Cases review we look at the largest plastic crates money can buy!

• **GLASS MANAGEMENT (Vehicle Extrication)**
We revisit cutting glass (or not!) at vehicle accident scenes. Nothing much has changed since issue 35!

• **HOVERCRAFT** the UK's RNLI has been experimenting in use of this useful craft in strategic locations



GEAR REVIEWS:

- Otter Box Magnetic micro-case
- Milwaukee 18v Hatchet & Lithium Ion 24v Reciprocating Saws
- Magellan 760 RoadMaster GPS
- BW Gas Alert Micro5 vs Scott Scout Multi-gas

BOOK REVIEWS

- *Vehicle Extrication* from Ron Moore
- *Aquatic Rescue Pro (2nd Ed)*
- *Spanish for EMS Personnel*



What's that mean?

GEAR REVIEW: A product we've requested for review and use and abuse for several months or several weeks depending on the nature of the equipment. We always test items for multi-disciplinary applications even if the intended market is more defined. Equipment is used operationally and in contrived scenarios as well as being tested for specific aspects of performance or build quality.

BACK to BACK: As per Gear Review except a number of similar items are used and compared using a marking system out of 5.

GEAR SPOTLIGHT: where we don't have long-term access to equipment or perhaps haven't had hands-on at all we designate a Spotlight to detail the features and applications of an item without our subjective input/comments.

MARKET GUIDE: a facts and figures compilation for all items of equipment within a specific type. Nothing subjective so no indicator of quality or effectiveness - just the facts ma'am.

COMPANY SPOTLIGHT: Non-subjective information on a company and its range of products, part-authored by the featured company but compiled by TRm.



In this situation there are only 3 certainties !

They have an anchorage

They have an attachment point on their harness



Like no other rescue kit

IT ONLY NEEDS

1 AND 2

TO PREVENT 3

IF YOU DON'T HELP THEM THEY MAY DIE !



The choice of the tradesman

SpanSet Rescue Kits and Training - The complete solution
www.spanset.co.uk

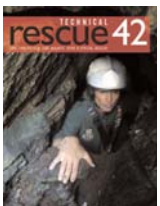
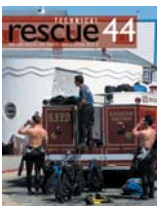
BACK ISSUES

£8. ea (UK)
\$10. ea (World)
inc postage

Technical Rescue magazine

SUBSCRIBE
to
**TECHNICAL
RESCUE**
magazine

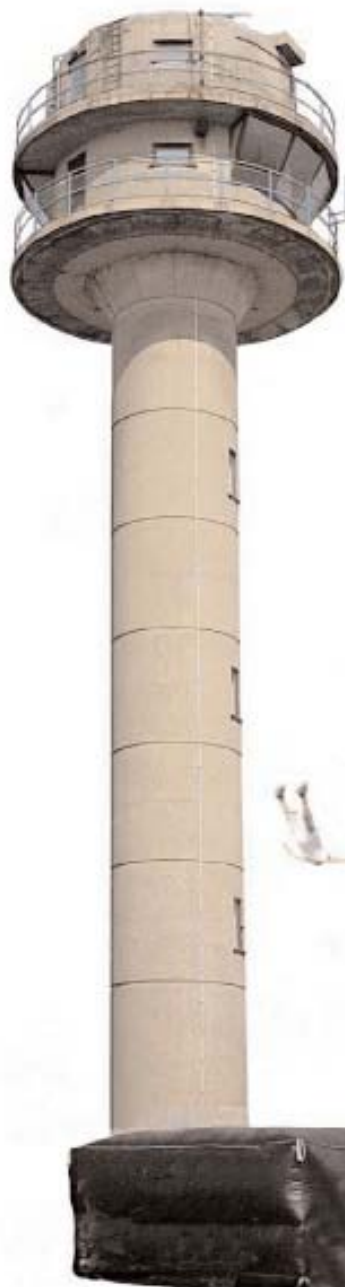
go to:
www.t-rescue.com
-shopping cart
-subscriptions



TECHNICAL RESCUE Ltd

RESCUE AIRBAGS

WARNING - ACCEPT NO IMITATIONS



Suicide Jumper Intervention, Height Safety, Realistic Rescue Training

Police and Fire Services can improve incident resolution times and safety factors with a rapid inflating *Technical Rescue Airbag*. Capable of being carried on a small trailer, in a light van or twin-cab pickup for rapid response these airbags also provide the means to train safely at height in more realistic scenarios. Suicide jumper interventions can be resolved more quickly and roads/bridges/buildings reopened quicker. These airbags represent the very latest in specialist design and unlike regular airbags can safely 'capture' a faller across its entire top surface, not just the middle of the bag.

Technical Rescue Airbags are built of the most durable, tear-resistant and lightweight fabric available. They resist colour-fading and cold weather cracking and feature *award-winning* design innovations which allows for:

- Fast set-up; 1minute inflation and fast roll-up
- Web Handles provide ease of positioning, movement and anchoring.
- Adjustable impact softness with 3-power-option electric fans
- Slip-resistant top canopy helps stick the faller to point of impact.
- Provides above average catches during off-centre landings.

Bag is supplied with a storage bag and electric fan(s) (please state 110v or 240v) Training package, ground tarpaulins and lightweight generators also available.

CONTACT: airbag@t-rescue.com for demonstration Prices exclude VAT & delivery



Bag	Height	Size	Weight	Fans	Cost
50t/16m	50/1.5m	12t/3.6m x 14t/4.2m	75lbs/34kg	1	£4,250.
70t/22m	80/2.4m	15t/4.5m x 20t/6m	150lbs/71kg	2	£4,800.
100t/30m	12t/3.6m	20t/6m x 25t/7.6m	185lbs/84kg	2	£5,350.

Available with white 'target' top surface or covert black.

Technical Rescue Ltd

Fax, email or order via the website: www.t-rescue.com -(shopping)
Tel/Fax: +44 2392669160 email: info@t-rescue.com