2020 U.K. Programs INFO Sheet

Back-to-back independent rope rescue/rope access workshops held in England

1) Team Skills Rescue Workshop
DATES: May 22—28, 2020 (Fri—Thurs)
Offered by: REMOTE ROPES Ltd. www.remoteropes.com
Host: Devon/Somerset Fire & Rescue Service - Exeter, UK
Liaison, Richard Harling: rharling@dsfire.gov.uk

2) Artificial High Directional Workshop
DATES: June 1—7, 2020 (Mon—Sun)
Offered & hosted by: R3 SAFETY & RESCUE Ltd. www.r3sar.com
(Wales) Denbighshire, UK
Liaison, Paul O’Sullivan: paul@r3sar.com

Contact Ropes That Rescue:
info@ropesthatrescue.com
Reed Thorne personally: reed@ropesthatrescue.com
Phone: (928) 282-7299
Text only: (928) 300-2726

Haytor Rocks in Devon is the perfect rope rescue venue

Extensive work with the Arizona Vortex designed by Reed Thorne of RTR
Ropes That Rescue is offering two back-to-back 2020 rope rescue programs for rope access and emergency providers in both Devon/Somerset and Wales. The two are independent courses and are in two different areas with separate logistics.

INFORMATION & REGISTRATION:

Use this flyer for registering for either of these two intensive rope rigging programs. Detailed information on travel, lodging, camping and local restaurants can be obtained by contacting your specific liaison for each workshop (page #1).

The programs are limited so space will be by a first paid-first register basis. A minimum 50% deposit is needed to secure a spot on either workshop. The remaining balance is due within 30 days of the program start date (to avoid being placed on the waiting list). Please check with the liaison or RTR for space availability.

1) May 22—28 Devon TSRW: $1,350 USD (£1,035) which is paid directly to Rope That Rescue Ltd. through a special PayPal account set up for this program only. See page 5 for the Application for this workshop ONLY.

2) June 1—7 Wales AHDW: £1,375 ex VAT non-residential and £1,995 ex VAT fully residential which is paid directly to R3 Safety & Rescue Ltd. For this program, you will be filling out the R3 SAR application and returning it to them.

NOTE: Both of these workshops are by no means a rope rescue course for beginners. They are a serious venture and complete immersion into advanced ropesystems that can sometimes be overwhelming for some less experienced practitioners. If you are a rope rescue or rigging instructor or desire more depth of understanding, these programs are ones you should not miss.

About the Team Skills Rescue Workshop (TSRW):

The TSRW is a demanding 7 day long program and is ideal for industrial, tower and wilderness rescue teams, riggers or rope access technicians while focusing on the ART of Clean Rigging based on sound principles and understanding. This program will fulfill the '90% solution' on most rope rescues.

Lectures on intermediate physics and how it relates to rope rigging are common throughout the 7 day course. Emphasis is placed on 'why' we do something, rather than just 'how'. Students, as a team unit, learn how to build seemingly complex arrangements for reaching, treating and extricating a patient from the vertical high angle environment whether in industrial locations or in the wilderness. Also ideal for those who work on rope and are charged with moving materials or personnel. All the while, emphasis is placed on building everything from the basic materials most teams will have: rope, carabiners, pulleys, accessory cord, webbing and know-how. The more you know, the lighter your pack should get. The TSRW includes an extensive lecture and practical section on alternatives to highlines in the form of 'offsets'. In the past 15 years, RTR was instrumental for championing high angle offsets as an alternative to training-intensive highlines. Offsets employ standard high angle techniques that most rescuers already know and so are more forgiving in the training curve than highlines.
About the Artificial High Directional Workshop (AHDW):

Recognizing the need for advanced-level train-the-trainer instruction on the use of any "artificial high directional" (AHD), RTR is now offering the 7 day ARTIFICIAL HIGH DIRECTIONAL WORKSHOP suitable for fire emergency and rope access professionals. From Reed Thorne, the co-designer of the Arizona Vortex, this AHDW is meant to assist the rope rescue instructor with information relative to the use of manufactured high directionals. This program concentrates on constructed frames in general and is not intended to teach highlines, advanced pulley systems, or offsets (although some of these are touched upon). Physics, as it relates to high directionals, is covered in the AZV User Manual and several lectures. The AHDW is a hands-on workshop on the use and correct implementation of artificial high directionals (AHD) for industry and wilderness settings. The AHDW is also well suited for teaching rope access professionals the benefits of constructed frames in their work.

ARIZONA VORTEX HISTORY:

The AZ Vortex (or AZV) is so named from its development in the rugged highlands of northern Arizona’s Oak Creek Canyon through the rigging and rescue school, Ropes That Rescue. Reed Thorne, the school’s owner developed the AZV with the help of Rock Thompson at Rock Exotica, in Utah in early 2003. The AZV was created from years of trial and error and of having worked with crude but functional lashed wood frames at RTR. It represents the essence of at-the-edge frames which no standard tripod can match today.

The ARIZONA VORTEX is manufactured from T-6 aluminum by Thompson Manufacturing Inc. (Rock Exotica) in Clearfield, Utah and is one of the most versatile and state of the art artificial high directional (AHD) available to rescue and rope access in industry. With training from Ropes That Rescue (the "Arizona" designer), you may use this frame in a variety of ways and in any number of environments from industry to wilderness. It is ideal for confined space rescue, mine rescue, cliff rescue and industrial rescue. It is also well suited to bridge inspectors, rope access, the construction trades and the movie industry.

More info on the Arizona Vortex:

Go to Ropes That Rescue web site Arizona Vortex page. Or the Artificial High Directional Workshop page. See also STANDARD AZV SETUPS and ADVANCED AZV SETUPS pages.
RTR programs are student-driven in what is covered. In seven short days (even though we are doing 10 to 12 hour days) we cannot cover it all. Students are encouraged to come forth with ideas given our available venues early in the class to help delineate the direction the program takes.

Required Equipment:
Also, make sure you have the REQUIRED EQUIPMENT for this program! The AZTEK is a must for this training. Other items can be substituted. Contact Reed Thorne if you have any questions about equipment.

Preparation for either program: TRY TO DO THIS!
Knots, bends and hitches are an integral part of every RTR program. You simply cannot be a good rigger without knowing extensive knotcraft.—Pure and simple. To assist you in the mastery of these knots PRIOR to class we have assembled videos of Reed and son, Keith Thorne tying each one on camera with the help of Sequoia, the green-cheek conure.

Once you have registered for either program, you are invited to join our closed Facebook Page called “Arizona ART of Clean Rigging” for access to these videos. In this page (only open to past RTR alumni and current students) you will be able to watch all the knotcraft being performed. This will speed up the learning process during the classroom portion which will allow us to get to the field earlier.

However, below is a short list of required knots….

SOME KNOTCRAFT to know for this Ropes That Rescue program (to get you started)

Here is a list to get you started:
• Figure of eight on a bight
• Butterfly knot
• Double overhand stopper
• Double overhand noose
• Inside bowline with retrace
• Bowline with a bight
• Doubled long tail bowline
• Bowline on a bight
• Water knot in webbing
• Water bend in webbing
• Munter hitch
• Clove hitch
• Becket Bend
• Double becket bend

It is advised that you be familiar with some of the knots, bends and hitches we will be using in this workshop. It is always best to have some under your belt before arriving. Much of the workshop you are attending depends in large part on the roped and webbing connections YOU form! Don’t worry so much at this time about the somewhat exotic knots like the retraced double bowline but concentrate on the easier figure of eights and simple bowlines. We will be going over many many different knots which are somewhat useful for rigging. Be prepared to tie some new ones!
# Devon Program Application

**TEAM SKILLS RESCUE WORKSHOP**

**MAY 22 — 28, 2020** Hosted by: **DEVON / SOMERSET FIRE & RESCUE SERVICE**

## Payment Information

**TEAM SKILLS RESCUE WORKSHOP** Devon/Somerset May 22—28, 2020  
(Note: This RTR Program does not include travel, per diem or lodging costs)  
Course cost: **$1,350 USD (£1,035)**

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**Experience and Skill Level:**  
List all your affiliations, including professional and recreational; mountaineering accomplishments, rock climbing level, caving, military, swiftwater, etc. Give amount of time in each field.

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STILL UNDER CONSTRUCTION!  
PLEASE STAND BY!  
Contact [info@ropesthatrescue.com](mailto:info@ropesthatrescue.com)