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## 1. Introduction and Explanation

The West Brecon Cave Rescue Team is a voluntary organisation, depending on the skills and willingness of its members. This handbook is intended as a starting point for providing information to you as a WBCRT team member.

The intention is that this handbook will be updated by the occasional publication of revised pages.

In addition to general information, much of this handbook is devoted to the 'Personal Logbook' section. This deserves some careful explanation. The logbook is **NOT** intended as a means of assessing the abilities of rescuers. It is an outline of the range of possible skills that a cave-rescuer might be interested in mastering. No team member is likely to be proficient in all the skills listed.

As you take part in training sessions, full practices and real incidents, your experience and skill-base will develop. You can use the logbook to record your experience and to help you assess areas where you might usefully seek to increase your skills. Every member of the team, whatever their skills is a valued member and can play their part.

There is a tremendous sense of achievement, pride and satisfaction after a successful rescue and feeling you are part of a skilled and effective team is an important part of this. This handbook should give you the information you need to understand your role within the team and enable you to build the skills which go to make WBCRT a team which we are all proud to be members of.

### What to Expect

From the decades of cave rescue experience, it may be concluded that:

- Cave rescuers must be well trained to operate in an underground setting before performing rescues. They must understand the dangers of Cave Search and Rescue and must be trained as fully as possible to undertake the task efficiently and safely.
- Rescuers need to be comfortable in the cave environment and understand its risks.

## **Team Member Responsibilities**

When we are asked to help someone in trouble underground as a team, our success depends on the right equipment, procedures, training and above all, the right people.

As a team member, whatever your skill-base, you will contribute to saving life and the more skilled you are, the more you will be able to contribute. This means that an important part of being a team member is to attend training and rescue practices, when you are available, to learn and maintain rescue skills.

Being a team member is about more than just being listed on the call-out database. We need you to :

1. Ensure that your call-out details remain up to date, by letting us know if there are any changes
2. Always be ready for a call-out – refer to ‘Personal Readiness’ section
3. Come and learn, teach and practice skills when you can
4. Help us with equipment cleaning and maintenance, either after rescues or practises or at team working evenings or weekends
5. Help with team fundraising events
6. Undertake certificated training if you want to – e.g. First Aid, Advanced First Aid, Equipment Maintenance Technician, Scene of Crime Training, etc.

Remember, you can be engaged with the team to whatever level you are able to be, we just ask you to do what you can, when you can.

## **2. Call Out Procedure**

This handbook is intended as a guide for team members who may be called upon whilst at home, at a caving club hut or perhaps in the pub or other 'haunt' of cavers. It is not intended as a guide for cave rescue Wardens who require more detailed knowledge and information. Hopefully from what follows you will better understand how the whole process works and how you fit in as a team member.

### **How to Call Out West Brecon Cave Rescue Team in an Emergency**

**1 - Dial 999**

**2 - Ask for the POLICE**

**3 - Then ask for CAVE RESCUE**

**4 - Be prepared to give as much information as possible about the location of the cave, the cavers involved and the injuries sustained.**

**5 - STAY BY THE PHONE**

**6 - A Cave Rescue Warden will call you back for more details**

### **Insurance Arrangements**

All team members are covered for their actions during cave rescues by the Mountain Rescue England & Wales Public Liability Insurance which is obtained through the relationship between the British Cave Rescue Council (BCRC) and the MRC. Qualified Advanced First Aiders are covered for their First Aid actions through the same Insurance, provided they hold a valid MRC Casualty Care Certificate, which they gain through the Advanced First Aid for Cave Rescue Course. Professionally qualified medical members are subject to their individual insurance but covered for all other cave rescue actions.

Personal Accident Insurance is provided by the various Police Authorities that we provide a service to. We are covered by Dyfed Powys Police and/or South Wales Police. Police Force policies vary in the amounts payable for various types of injury, though they are roughly the same.

No one under the age of 18 is insured for Cave or Mountain rescue activities and anyone over the age of 65 would be expected to be annually assessed by their team to continue to work operationally.

### 3. Cave Rescue in South and Mid Wales

#### History

Cave rescue in South Wales was begun in 1946 by members of the newly formed South Wales Caving Club (SWCC) following the discovery of Ogor Ffynnon Ddu. The team called itself the South Wales Cave Rescue Organisation (SWCRO).

In 1968 the Gwent Cave Rescue Team (GCRT) was formed after major discoveries in that area, and by June 1975 the two Teams formed an umbrella organisation. This new body took the name SWCRO and the team formerly using this title was renamed the **West Brecon Cave Rescue Team (WBCRT)**. The main function of SWCRO was to ensure compatibility of equipment and techniques during joint Rescues.

A second reconstitution of the WBCRT took place in 1991. The WBCRT was still seen as an extension of SWCC, despite its inclusion of other clubs on the executive and its active role in encouraging new clubs to become part of the team. As a result the WBCRT formally separated from SWCC. All of the equipment, much of which had been purchased by SWCC, was transferred to the ownership of WBCRT.

Although a separate organisation from the WBCRT it must be recognised that SWCC is still 100% committed to supporting cave rescue. This hugely benefits WBCRT as the SWCC is the biggest club in the area and the majority of those on the first call-out lists are members of SWCC. The club actively encourages its members to join and support WBCRT and WBCRT greatly appreciates the strong ongoing support it receives from SWCC.

The WBCRT is based at the headquarters of SWCC, leasing the rescue garage and upper store rooms for the storage of the team's Landrover Ambulance and equipment. In January 2002, WBCRT completed a six month renovation and improvement programme with the aid of Sportlot and Powys County Council funding to :

- completely refurbish the Rescue Headquarters at Penwyllt
- purchase a new fully equipped and modified Landrover Ambulance
- replace old and obsolete equipment with new and more appropriate equipment

In June 2003, SWCRO was dissolved to streamline the local arrangements for Cave Rescue and the liaison between WBCRT and GCRT was formalised through the constitution of each Team. WBCRT and GCRT are now individually recognised as members of the British Cave Rescue Council and the South Wales Search and Rescue Association.

## **Present Structure**

The management of the WBCRT is by an Executive consisting of a total of 9 Officers and up to 5 Ordinary members. Additionally, there are up to 10 Wardens, some of whom hold Officers Positions, plus representatives of Associate Clubs who wish to attend. A full list of executive committee members can be found on the WBCRT Website or on the noticeboard in the SWCC Foyer.

Callout management for South and Mid Wales is effected via the Rescue Wardens for the respective teams, whose geographical boundaries are shown on the accompanying map.

## **Membership of WBCRT**

WBCRT welcome the input and membership of all cavers active in South and Mid Wales. All cavers are encouraged to join the team by filling out a Call Out Database Form. This provides information which assists in making call-out and deployment decisions.

Call Out Database Forms can be found :

- Under the WBCRT notice board in the SWCC Foyer
- On the WBCRT Website
- From any WBCRT committee member.

The assistance of both caving and non caving team members during a Rescue are both essential and greatly valued.

Training in all aspects of Cave Rescue is given at regular practises and workshops. It is important to understand that you do not have to be an experienced Cave Rescuer to join WBCRT. The range of skills required to keep the Team effective is wide and we were all new to Cave Rescue at some stage.

## **Mid Wales**

In 1990 there was growing concern that the cover for mid Wales was non existent and that caving and mine exploration activity, both sport and commercial, was increasing. A previous attempt to form a mid Wales team, under the SWCRO umbrella had failed. The situation was discussed and it was decided that the WBCRT should investigate the problems involved. The result was that:

- The SWCRO should be responsible for cave and abandoned mine rescue to the Gwynedd/Clwyd borders.
- The responsibility for the extended area should lie with the WBCRT via the mid Wales Wardens in place at that time.

This is the status at present. The Mid Wales cover is an extension of WBCRT, expanded to include clubs active in the area and with full representation on the WBCRT Executive Committee. However, all WBCRT Wardens now share responsibility for South and Mid Wales and are contacted via the Warden Callout list which is circulated to the police. A large incident in Mid Wales will test the ability of the combined resources of WBCRT.

## **Advice to Caving Club Members and Duty Officers**

You may be required to alert West Brecon Cave Rescue Team to attend an incident in one of 3 ways :

1. A party becomes overdue at your club headquarters
2. A caver returns to your club headquarters to seek assistance for an injured party member underground
3. You may receive a telephone call at your club headquarters seeking assistance.

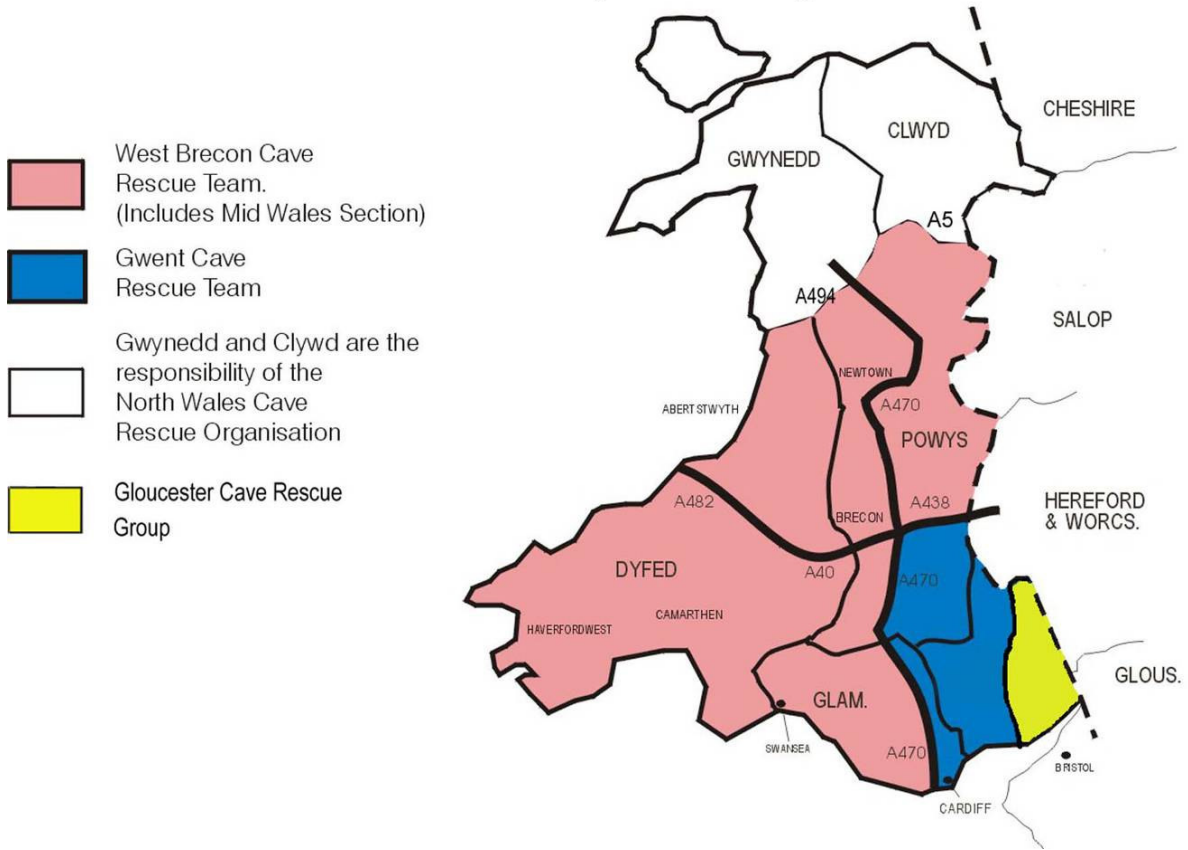
### ***Actions***

Seek the assistance of a WBCRT Warden as soon as possible. They are trained to deal with a multitude of potential scenarios and will be able to best judge the appropriate response. Check first to see if there is a WBCRT Warden at your club headquarters. If not, call a Warden using the WBCRT Warden List or call the Police who will contact a Warden. At SWCC, the WBCRT Warden list is next to the telephone in the foyer. It is important that you call ALL the numbers on the list in order – home, work and mobile, as they are listed in this order to provide the quickest possible response.

### ***Considerations***

- A party is deemed overdue when one hour has passed since their 'ticket time' or notified return time if not using the destination board system. However, if you are concerned about the party or weather conditions, do not hesitate to call a Warden sooner.
- It is very important that no deployment is undertaken without first notifying the Police. As the Wardens are best placed to judge whether or when to do this, it is best to contact a Warden as the first action and be guided by them in terms of what you should do next.
- It is worth asking around HQ, checking the car park and the key cupboard before contacting a Warden, as there have been numerous occasions when parties have returned from the cave, returned their key and then gone home without taking their ticket off the destination board or letting other club members know they have returned from their caving trip.

## Cave Rescue Areas of Responsibility



## 4. Top Twenty Telephone Numbers

### **WBCRT Wardens :**

<i>Name</i>	<i>Home Location</i>	<i>Phone Nos.</i>
Gary Evans	Llandeilo	01558 668878 07836 748752
Toby Dryden	Ystalyfera	07967 144660
Brian Jopling	Caehopkin	01639 730429 07974 006918
John Lister	Beulah	01591 620335 07974 106858
Ali Garman	Cardiff	02920 843694 02920 815050 07968 528954
Julian Carter	Cardiff	02920 844558 02920 573230 07870 448074
Alan Braybrooke	Shrewsbury	01694 731554 07713 972007

SWCC Headquarters 01639 730613

Westminster Speleological Group Hut 01685 811080

Croydon Caving Club Cottage 01639 720211

Dyfed - Powys Police Headquarters 0845 330 2000

South Wales Police Headquarters 01656 655555

Gwent Police Headquarters 01633 838111

## **5. Who's Who in the W.B.C.R.T.**

### **WBCRT Executive Committee**

For an up to date list of who is in each role, visit [www.wbcrt.org/WBCRT/address\\_list.html](http://www.wbcrt.org/WBCRT/address_list.html)

The WBCRT Executive Committee is comprised of the following roles :

#### **Elected at AGM**

Chairman  
Secretary  
Treasurer  
First Aid Officer  
Equipment Officer  
Equipment Development Officer  
Training Officer  
Communications Officer  
Fundraising Manager

Ordinary Members – Up to 5

#### **Other Committee Positions**

Wardens – up to 10

*Associate Club Representatives can attend if they wish :*

South Wales Caving Club Rescue Officer  
HerefordCaving Club  
Westminster Speleological Group  
Croydon Caving Club  
Swindon Speleological Society

Cave Diver Rescue Co-ordinator – Welsh Section CDG appointment

#### **Additional Positions elected by Committee**

Vehicle Manager  
First Aid Training Co-ordinator  
Callout Database Co-ordinator  
Catering Co-ordinator  
Team Internal Communications Manager  
Gwent Cave Rescue Team Liaison Co-ordinator  
Porth Yr Ogof Advisory Group Representative  
SWSARA Representative  
Police Liaison Manager  
BCRC Representative

## **6. Personal Readiness for a Call-out**

### **How you can help the Team**

If you can turn up for a call-out fully equipped and ready to help then you maximise your usefulness to the team. Conversely if you need to be supplied with a lamp and other basic tackle and later need to be fed and provided with toilet paper then you add a load to the team's support structures. Since a call-out can happen on any day of the week, at any time of day or night, in any conceivable weather conditions, the ideal is to have some sort of 'Rescue Bag' packed and ready at all times. Or, failing that, get in to the habit of sorting out your kit sooner after a caving trip than later. Don't let it fester! - hang it up to dry, charge your lamp and re-pack it all as soon as you can.

### Personal Caving Equipment for Cave Rescue

Rescues involve a lot of hanging about. Dress more warmly than you normally would. An extra thermal vest or T-Shirt and a balaclava are the minimum extra clothing. Ideally you will also carry a spare light, a personal survival bag and your own first-aid kit together with your favourite caving food. In vertical caves, if you are likely to have to ascend or descend pitches or be involved in rigging or hauling, then your own SRT kit will also be necessary. Ensure you have a 'load bearing' belt to allow yourself to clip-in for safety. Many cavers have now dispensed with belts for caving thanks to helmet mounted light systems, but the belt is an essential piece of personal equipment for cave rescue situations.

### Personal Kit for Surface Support Duties

Once again suitable clothing is essential. Warm and weatherproof clothing that will enable you to function in some comfort on the surface in all weather conditions is the ideal. Some surface duties involve long hours spent in hostile conditions manning communication posts and the like. A torch, rucksack and compass are likewise necessary if you are likely to be sent off over the moors on a mission of some sort. A few pens and pencils, a book to read and a supply of food and drink might not be a bad idea either!

## Self Sufficiency

If you can feed yourself and provide for your own personal needs for a minimum of 24 hours then you relieve the team of that burden. Ideally arrive at a callout with some food and the means to prepare and eat it. If you are also able to provide your own place to sleep (car, tent, bivi-bag ) then so much the better. A sleeping bag is essential for long rescues for when you are waiting to be deployed or need to rest before redeployment.

## **7. The West Brecon Cave Rescue Team Training Programme**

The team provides a range of training opportunities intended to enable team members to enhance their individual ability to contribute to the effectiveness of the team. To cater for individuals from many walks of life, diverse geographical locations and differing aptitudes and interests is a considerable challenge! At the present time training includes the following:

- Regular training meetings on weekday and weekend evenings at the WBCRT HQ and at the huts of other caving clubs.
- A range of whole-day training events during the year, including full-scale incident practices.
- Specialist first-aid training at both basic and advanced levels using training courses and training manuals developed by team members.
- Ad-hoc one to one training sessions for those who request them
- Joint Rescue Practices with Mountain Rescue teams via South Wales Search and Rescue Association (SWSARA)
- External specific training – e.g. Scene of Crime Training, Equipment Inspection, Swift Water Rescue, Emergency Response Driving, etc.

Annual WBCRT Training Programmes can be found on the WBCRT Website.

This handbook could be considered as another part of the training programme. The logbook section should enable team members to focus on their individual training needs and, it is hoped, raise their awareness of just how much there is to learn, practice and keep up to date!

## 8. The W.B.C.R.T. Training Logbook

### Using the Training Logbook

There are many skills and knowledge areas listed here. Each skill might be learnt at several levels of competence or may require different depths of knowledge. These levels could be broadly classed as :

	<b>Skill</b>	<b>Knowledge</b>
<b>Level 1</b>	I can do this safely under supervision	I have some or basic knowledge of this
<b>Level 2</b>	I can do this safely without supervision, perhaps as the leader of a small team.	I have a good working knowledge of this
<b>Level 3</b>	I can do this safely and have enough experience to instruct others in this skill.	I know enough about this to train or explain it to others

As your skill and confidence develops you might progress from one level to the next. You can use the 'tick boxes' to record your progress by entering the date of when you feel you reach each level.

It is an inevitable fact of life that one's skills become dated, especially if they are not practiced or if new techniques render them obsolete. For this reason we suggest you date the attainment of each level for each skill, together with the means to record times when the skill has been practiced, updated or 'refreshed' in the right hand 'refresher' boxes.

Remember what was stated in the introduction: The WBCRT is not in the business of assessing, 'grading' or 'certificating' cavers. This logbook is intended to be your own **private** record of your developing expertise. Be honest with yourself when you think of how much more there is to learn and take pride in the skills that you already have.

Of course the whole point of the exercise is for you to be ready to assist in a real rescue. Clearly this is the best practice of all in some ways! Use the 'incident pages' at the back of this logbook to record details of your participation in an incident and how it contributed to your developing experience.

**Example Page :**

**E.g. Drilling and bolting**

	<b>Skill</b>	<b>Knowledge</b>
<b>Level 1</b>	I can do this safely under supervision	I have some or basic knowledge of this
<b>Level 2</b>	I can do this safely without supervision, perhaps as the leader of a small team.	I have a good working knowledge of this
<b>Level 3</b>	I can do this safely and have enough experience to instruct others in this skill.	I know enough about this to train or explain it to others

**I can do the following :**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
Find a Makita or Dewallt drill from the stores		<b>06/01</b>	<b>02/04</b>	<b>04/08</b>	
Choose suitable bolts for intended purpose	<b>06/01</b>	<b>02/04</b>	<b>04/08</b>		
Choose suitable drill-bit for selected bolts	<b>06/01</b>	<b>02/04</b>	<b>04/08</b>		
Choose necessary tools and accessories for task	<b>06/01</b>	<b>02/04</b>	<b>04/08</b>		
Drill hole efficiently to the correct depth for bolt	<b>06/01</b>	<b>02/04</b>	<b>04/08</b>		
Place a bolt securely in the hole with correct hanger	<b>06/01</b>	<b>02/04</b>	<b>04/08</b>		
Do all above with removable Rawlbolts					
Do all above with 8mm 'SDA' or 'Spit' bolts					
Place batteries on charge correctly	<b>06/01</b>	<b>02/04</b>	<b>04/08</b>		
Re-pack drills, drill bits and batteries for next use	<b>04/08</b>				

## **Section A - Logistics**

### **1. Callout**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
My details are on the callout list and they are up to date.					
I have filled a Callout Database Form in within the last 3 years					
I know what to do when I am called out					
I am organised so that there will be no delay when I am called out					
I understand how the team's callouts are organised and when I am likely to be called					

### **2. Personal Readiness**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
My Caving Equipment is packed and ready to go					
I have access to suitable food to take with me					
I have a balaclava and personal survival bag in with my equipment					
My SRT kit is ready to go					
I have access to maps or know the locations of major caves and caving clubs					
My work is aware of the possibility that I may be called out during working hours.					
I have suitable equipment to provide surface support – warm clothing, waterproofs, etc.					

### **3. Personal Safety**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I understand the risks involved in Cave Rescue and my responsibility for my own safety and that of others					
I know what the insurance arrangements are for Cave Rescue for all types of rescues					
I have the correct equipment to protect my safety – e.g. Cows Tails, Harness, Wetsuit, etc.					
My personal protection equipment (harnesses, cows tails, helmet etc.) is well maintained and in safe working order.					

#### 4. Personal Equipment

	1	2	3	Refresh	Refresh
I have the necessary Caving Clothing and equipment to be a self sufficient and properly equipped Cave Rescue Team member					
I understand that my own personal hardware and equipment must not be used in rescue rigs and should be for my use only.					

#### 5. SRT Skills for Cave Rescue

	1	2	3	Refresh	Refresh
I can safely use SRT on single hang pitches (no deviations, re-belays, etc)					
I have learnt SRT and can undertake SRT safely for personal access on all types of pitches.					
I can Rig for SRT					
I can undertake SRT rescue using a variety of suitable techniques (not just mid rope rescue)					
I can undertake the role of SRT barrow boy for stretcher hauling					

#### 6. Caving Experience and Knowledge

	1	2	3	Refresh	Refresh
I am aware of my strengths as a caver and also my limitations when offering assistance for a cave rescue					
I am proficient at following a cave survey and re-tracing my steps.					
I have a good knowledge of the major caves in the WBCRT area of operation					
I am effective on caving trips up to 6 hrs					
I am effective on caving trips up to 12 hrs					
I am proficient at carrying tackle bags through a variety of types of cave passage.					

## 7. Equipment and Stores

	1	2	3	Refresh	Refresh
I am well acquainted with the contents of the WBCRT stores and can find all equipment quickly					
I am competent in selecting the equipment that may be required on a rescue					
I am familiar with the procedures for Issuing equipment for a cave rescue					
I have been involved in the inspection and maintenance and understand it's importance and what to do					
I am familiar with the labelling system and can use it effectively					
I have been involved in the cleaning of Cave Rescue equipment and am clear of the techniques to clean the different types of equipment					
I can re-package all types of cave rescue equipment once it has dried following cleaning and know where it needs to be stored.					

## 8. Team Procedures

	1	2	3	Refresh	Refresh
I am fully aware of the team's potential liabilities and the Insurance arrangements in place.					
I understand the nature and importance of relationships between WBCRT and the MR Teams, Police, Fire, Ambulance, etc.					
I am familiar with WBCRT's documented policies and procedures					
I am clear about the procedure to initiate a call-out.					

## **Section B – Team Roles**

### **9. Warden**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I fully understand the role of a Warden					
I have gained some experience of the role at practices and/or rescues					
I have been trained in the role					
I am recognised as one of WBCRT's Wardens					

### **10. Surface Control**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I fully understand the role of a Surface Controller					
I have gained some experience of the role at practices and/or rescues					
I have been trained in the role					
I am recognised as one of WBCRT's Surface Controllers					

### **11. Underground Control**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I fully understand the role of an Underground Controller					
I have gained some experience of the role at practices and/or rescues					
I have been trained in the role					
I am recognised as one of WBCRT's Underground Controllers					

### **12. Resource Co-Ordination**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I fully understand the role of a Resource Co-ordinator					
I have gained some experience of the role at practices and/or rescues					
I have been trained in the role					
I am recognised as one of WBCRT's Resource Co-ordinators					

### 13. Onsite Co-ordinator

	1	2	3	Refresh	Refresh
I fully understand the role of an Onsite Co-ordinator					
I have gained some experience of the role at practices and/or rescues					
I have been trained in the role					
I am recognised as one of WBCRT's Onsite Co-ordinators					

### 14. Press Officer

	1	2	3	Refresh	Refresh
I fully understand the role of a Press Officer					
I have gained some experience of the role at practices and/or rescues					
I have been trained in the role					
I am recognised as one of WBCRT's Press Officers					

### 15. Search Management

	1	2	3	Refresh	Refresh
I am familiar with actions to take for persons missing underground					
I am skilled at the co-ordination of the existing search plans that WBCRT has in place					
I have had experience of implementing elements of the existing search plans that WBCRT has in place					
I understand the principles of search management to be able to make decisions for ad-hoc searches					
I have been formally trained as a search manager through Cave or Mountain Rescue					

## **Section C - Communications**

### **16. Radio Protocols**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I have a copy of the WBCRT Radio Protocols guide					
I am skilled in the use of Radio protocols, as laid down in the WBCRT Radio protocols guide					
I have had experience of using the Radio Protocols at Cave Rescue Practices or Cave Rescues					
<b>I am clear on what the Call Signs are for all Communications equipment used by WBCRT</b>					

### **17. France Phones**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I understand how the France Phones work and am aware of their strengths and limitations					
I can set up and operate a France Phone Base Station effectively					
I can set up and use a France Phone Handset					
I can lay France Phone Cable through a cave in a safe and secure manner, having had experience of doing so					
I can Fault Find the France Phone system to find simple faults to establish or re-establish communications					

### **18. Heyphones**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I understand how the Heyphones work and am aware of their strengths and limitations					
I can set up and operate a Heyphone effectively					
I can Fault Find the Heyphone setup to find simple faults to establish or re-establish communications					

## 19. High and Low Band Radios

I can operate a Radio Handset effectively	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refr esh</b>	<b>Refr esh</b>
I can operate a Radio Base Station effectively					
I know what the High Band Channels are and which one's to use.					
I can use the Repeater network for High Band Radios					

## **Section D - Surface**

### **20. Navigation**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I am confident at surface navigation with a map and compass in daylight					
I am confident at surface navigation with a map and compass in the dark and/or very poor weather conditions					
I can use my own GPS to navigate					
I can use the WBCRT GPS to navigate and am familiar with it's functions					
I have been involved in Rescue Practices involving finding Cave locations					
I know how to report my location to control and how to properly record and report the position of a cave entrance or casualty.					
I am familiar with the WBCRT Route cards for locating Cave Entrances and have used them at a Cave Rescue or Practice					

## **Section E - Stretchers**

### **21. Stretchers**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I am familiar with and have used the Team's Main Stretcher – The Slix					
I am familiar with and have used the Team's Short Stretcher – The Short Slix					
I am familiar with and have used the Team's Drag Stretcher – The Long Slix					
I am familiar with and have used the Team's Floating Stretcher					
I am familiar with the Team's Spine Boards and have been involved in their use					
I am able to safely undertake Packaging of a Casualty in the WBCRT Stretchers					
I have been involved in Stretcher carrying and am aware of the principles involved					
I am able to lead a stretcher team, providing direction and guidance					
I understand the Techniques for stretcher carrying in various types of difficult passages and have been involved in these types of carry's					
I am able to rig the Stretchers ready for a haul					

## **Section F - Technical**

### **22 Ropework and Knots**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I know what rope the team has in the stores and the various permutations of rope kits					
I am familiar with and have used the rope logs that the Team Holds					
I am clear on how the rope bags are packed for safety and readiness					
I can tie the following knots safely : 1. Figure of Eight 2. Bowline 3. Cavers or Alpine Butterfly 4. Double Fishermans Knot					
I know how to inspect a rope fully.					

### **23. Rigging**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I am clear on the content of the : 1. Rigging Kits 2. Fixed Aid Kits 3. Advanced Rigging Kits 4. Sling and Karabiner Kits 5. Rigging rope Bag					
I have read and am fully familiar with the content of the WBCRT Rigging for Cave Rescue Guidelines					
I understand the principles of rigging for Cave Rescue and am clear how they differ from rigging for SRT.					
I can select safe Belays for Cave Rescue purposes					
I understand how to safely use of Rope Slings					
I can set up Floating Pulleys for hauling					
I am clear on and can set up Haul lines					
I understand when it is acceptable to undertake Rock Drilling, how to do it effectively and what action to take with the bolts on completion of the rescue or practice					
I can safely Rig a pitches for a Cave Rescue Haul					
I can safely set up both types of Stemples used by WBCRT					

I am able to safely rig Traverses for both Team Member protection and Stretcher progression					
I understand the benefits, limitations of Tyroleans and can safely rig them					
I understand the benefits, limitations of Tripods and catenary wires and can safely rig them					

## 24. Hauling

	1	2	3	Refresh	Refresh
I can Belay safely and know how to use a Gri Gri, including soft and hard locking off					
I understand the Team's Pitch Hauling technique and have hauled at a pitch on a practice or cave rescue.					
I am able to Control a Cave Rescue Haul safely, effectively and efficiently					
I am fully aware of the need for Team Safety at a haul and around pitches and I know how to ensure the protection and safety of team members					
I am able to undertake the job of Barrow Boy and have experience of having done so					
I am aware of the limitations of Communications at Pitch Hauls and know how to overcome them.					

## 25. Bolting

	1	2	3	Refresh	Refresh
Find a Makita or Dewallt drill from the stores					
Choose suitable bolts for intended purpose					
Choose suitable drill-bit for selected bolts					
Choose necessary tools and accessories for task					
Drill hole efficiently to the correct depth for bolt					
Place a bolt securely in the hole with correct hanger					
Do all above with removable Rawlbolts					
Do all above with 8mm 'SDA' or 'Spit' bolts					
Place batteries on charge correctly					
Re-pack drills, drill bits and batteries for next use					

## **Section G - Medical**

### **26. Medical Training**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I hold a valid Basic First Aid Certificate					
I hold a WBCRT Advanced First Aid Certificate					
I hold a valid non WBCRT Advanced First Aid Certificate					
I am an approved WBCRT Advanced First Aid Trainer / Assessor					
I have been involved in the delivery of First Aid training					
I am professionally Medically Trained – e.g. Doctor, Nurse, Paramedic					

### **27. Medical Equipment**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I am familiar with and can use effectively : <ul style="list-style-type: none"> <li>• WBCRT First Aid Kit</li> <li>• Flectalon Casualty Bag</li> <li>• Fleece Casualty Bag</li> <li>• Neoprene Casualty Bag</li> <li>• Casualty Comforts</li> <li>• Little Dragon</li> <li>• Neoprene Splints</li> <li>• Hare Splint</li> <li>• Oxygen</li> <li>• Entonox</li> </ul>					

## **Section H – Team Vehicle**

### **28. Landrover Ambulance**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I am clear of the Team rules for driving the Landrover Ambulance					
I am trained and/or experienced in Off Road Driving					
I am a Police or Ambulance Service trained Emergency Response Driver and therefore can legally use Blue Lights & Sirens					
I understand the principles and dangers of Winching and can operate the Winching equipment safely and effectively					
I am able to undertake the Police Vehicle Checks (POWER) before every use of the vehicle					
I know what the Insurance arrangements and limitations are for the Team vehicle					
I am able to operate the Mast Aerial system on the Landrover Ambulance					
I can operate the High Lift Jack safely					
I know where to find the Vehicle Weight and Height for safe use on the road					
I am able to deploy the Stretcher table on the Landrover ambulance					

## **Section I – Mines**

### **29. Mines**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I have experience of Mine Exploration					
I have attended at least one WBCRT Mid Wales Mine Practice in the last 10 years					
I have some knowledge of the dangers inherent to Mines and I understand the importance of conservation of mine working artefacts					
I have Mines experience professionally					
I am aware of the location of the WBCRT Mid Wales Trailer and know what is in it					

## **Section J – Animal Rescue**

### **30. Animal Rescue**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I am aware that Team Members are not insured with Personal Injury Insurance for animal rescues, but are covered with Public Liability Insurance					
I know what specialist Equipment WBCRT has for Animal Rescue and how to use it					
I am familiar with the specialised techniques involved in animal rescue					
I understand the importance of Liaison with RSPCA and Fire Service for animal rescues and how this achieved					
I have been involved with a WBCRT animal rescue in the last 10 years					

## **Section K – Extrication**

### **31. Extrication**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I am knowledge about the dangers and difficulties involved with Rockfall and Collapses.					
I have experience of Digging and shoring and am able to use the equipment and materials involved in undertaking this safely					
I have experience of Jacking and can undertake this safely					
I have experience with Tirfors and can use them safely. I am especially aware of the dangers inherent with the application of a significant load					
I can effectively apply the Plug and Feather system to break rock and remove rock					
I am able to safely use the Hilti-cap system of rock breaking and rock removal					
I am qualified to use Explosives for Cave Rescue					

## **Section L – Other**

### **32. Helicopters**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I am familiar with the various Helicopter Resource providers and know how to deploy them					
I am familiar with the Procedures involved in bringing in, loading and sending a Helicopter during a rescue and can undertake this task safely					
I am clear regarding the Communications Channels and Protocols involved in working with Helicopters					
I understand the Dangers of working with Helicopters and know how to operate with them Safely					
I can Control effectively the deployment of a Helicopter for WBCRT					

### **33. Cave Diver Rescue**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>Refresh</b>	<b>Refresh</b>
I have experience of Cave Diving and/or am a qualified Cave Diver					
I am familiar with the needs of Cave Divers in a rescue situation and know how to provide suitable support.					
I am clear on the methods of safely moving Divers Cylinders underground					



## **11. Notes**

## 12. Cave Rescue Bibliography

Most if not all the titles listed here are available in the SWCC library.  
Any caver visiting the SWCC HQ may refer to the library by arrangement with the Duty Officer. SWCC members may of course borrow books not designated as 'reference only'.

Manual of U.S. Cave Rescue Techniques  
Ed. Steve Hudson  
Pub. NSS 1988  
ISBN 0 9615093 3 3

Race Against Time  
Jim Eyre, John Frankland  
Lyon Books 1988  
ISBN 0 9506874 4 8

Caving Practice and Equipment  
Ed. David Judson  
Cordee / BCRA 1995  
ISBN 1871890756

On Call : A Complete Reference for Cave Rescue (US)  
John C. Hempel, Annette Frequeau-Conover  
National Speleological Society  
ISBN 1879961164

Universal Study Guide for Cave Rescue Training (US Paperback)  
National Speleological Society

Life on a Line  
DF Merchant  
ISBN 978-1-84753-281-7  
Available from <http://www.lifeonline.com>

On Rope  
Alan Padgett and Bruce Smith  
NSS  
ISBN 978-1879961050

Animated Knots Guide - <http://www.animatedknots.com/>

## Appendix A - WBCRT Rescues 1946-2009

<i>Date</i>	<i>Venue</i>	<i>Incident</i>	<i>Rescued</i>	<i>Hrs</i>
<b>F = Underground Fatality</b>				
<b>1951</b>				
25.08.51	OFD 1	Trapped by Floodwater	Bill Little & Lewis Railton	58
<b>1952</b>				
24.08.52	Bridge Cave	Rock fall trapped 3, one injured	David Davies & 10 scouts	22
<b>1953</b>	<i>None</i>			
<b>1954</b>	<i>None</i>			
<b>1955</b>	<i>None</i>			
<b>1956</b>	<i>None</i>			
<b>1957</b>				
09.06.57	Lesser Garth Cave	Search for missing boys	3 boys camping near cave	6
23.06.57	Porth Yr Ogof	Fatality - drowning in Resurgence	Leonard Garraway	<b>F</b>
<b>1958</b>				
12.04.58	OFD 1	Fall in Waterfall Series	David Jenkins	8
<b>1959</b>	<i>None</i>			
<b>1960</b>				
03.09.60	Glyn Corrwg Mine	Dog trapped in Mine Shaft	Recovered in tarpaulin	5
<b>1961</b>				
11.06.61	Coed Y Mwster	Boulder fall resulting in Fatality	Tony Lewis (20)	9 <b>F</b>
<b>1962</b>	<i>None</i>			
<b>1963</b>				
26.10.63	Pant Mawr Pot	Overdue - found on surface	Cambridge Uni CC	2
27.10.63	OFD 2	Overdue - light failure (one caver)	Cambridge Uni CC	
08.12.93	OFD 2 - Cwm Dwr	Fall resulted in injured knee	Chelsea SS	5
<b>1964</b>				
09.02.64	Llethrid Swallet	Fall resulting in fractured Femur	Male - Distillers CC	24
22.03.64	Agen Allwedd	Fall resulting in Spinal Injuries	Male - Nottingham Uni CC	12
05.04.64	OFD 2 - Cwm Dwr	Fall at Rock Bridge	Male	3
28.09.64	Various	Search for missing boys	Assist North Wales	
05.12.64	OFD 1	Overdue - high water (fell in pots)	4 cavers	5
<b>1965</b>				
20.02.65	Tunnel Cave	Fall at Cascade Aven	Male - self rescue	1
25.07.65	OFD 1	Overdue - high water		4
10.09.65	Pant Mawr Pot	Fall from ladder	Soldiers - 4	4
31.10.65	Tunnel Cave	Overdue - dam full	Swansea Uni - 2	5

**1966**

07.08.66	Agen Allwedd	Overdue - standby	RAF Group	1
22.09.66	Abertillery	Dog Rescues	Dogs fell down fissures	6
25.09.66	Dan Yr Ogof	Overdue	Confusion over call out time	4
11.12.66	Tunnel Cave	Overdue		2
	Tunnel Cave	Trapped in Keyhole	Finchan	7

**1967**

14.02.67	Llethrid Swallet	Overdue - lost & light failure	Gwent CC	3
18.02.67	Bridge Cave	Trapped by Floodwater	UBSS - 3 Oliver Lloyd	3
05.03.67	Pwll Byfre	Surface Incident	Dislocated Knee	2
12.03.67	Eastern Mine - FoD	Fatality - assistance to GCRT	Rex Keane	6
25.03.67	Dan Yr Ogof	Fall resulting in sprained ankle	Crawley CC	3
01.07.67	OFD 2	Sprained Ankle	SWCC	2
02.07.67	OFD 2 - Cwm Dwr	Boulder trapped Caver	Stabilised and exited	1
20.08.67	Gents Dig	Calf Rescue		3

**1968**

07.08.68	Porth Yr Ogof	Fatality - drowning in Resurgence	Anthony Stannard	F
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**1969**

Dan Yr Ogof	Laceration to hand - mazeways
OFD 2 - Cwm Dwr	Fractured ankle
	Sheep Rescue

**1970**

21.02.70	Little Neath River Cave	Trapped by Floodwater	UBSS - 5	
30.05.70	Agen Allwedd	Overdue - lost	Cave & Crag - 2	20
25.09.70	Potlotty	Sheep Rescue from Crevice		
28.10.71	Porth Yr Ogof	Fatality - drowned in pool	Stephen Sedgewick	F
31.10.70	Tunnel Cave	Fall from Ladder		

**1971**

13.02.71	Porth Yr Ogof	Diving Fatality	Paul Esser	26 F
09.04.71	Dan Yr Ogof	Trapped by boulders	SWCC	5
15.07.71	Tunnel Cave	Overdue	School Group	3
14.08.71	OFD 2	Overdue - lost		4
19.08.71	Eglwys Faen	Overdue - found at home	Scout Group	
04.09.71	OFD 1	Overdue	UBSS	
	OFD 2	Overdue	OS Cavers	6
12.12.71	OFD 2	Overdue - tired and lights failing	Queen Mary College CC - 3	4

**1972**

15.01.72	Ogof Fechan	Overdue - trapped by floodwater	WSG & CDG	3
29.01.72	OFD 1 1/2	Leg fracture at dip sump	Bill Little	13
	OFD 2	Overdue - found in Gnome	Cardiff Uni	1
	OFD 2	Overdue	Aberystwyth Uni	1
	Pant Mawr Pot	Overdue	Swansea College of Art	
	Penwyllt	Foal rescued from Collapse hole		

**1973**

	OFD 2	Overdue - lost	UCCCCC - 7	
	OFD 2	Overdue - exhausted	2 people	
08.05.73		Sheep Rescue		
08.06.73	Ogof Cynnes	Stuck - assisted out	Cardiff University	
15.07.73	OFD 2	Overdue	St. Barts Hospital	
19.07.73	Porth Yr Ogof	Fatality - drowned in pool	Graham Alston - boy soldier	F

**1974**

16.01.74	OFD 2	Overdue - gone home	Swansea Uni	
18.05.74	OFD 2	Overdue - found in Salubrious	St. Barts Hospital	
15.06.74	Agen Allwedd	Diving Fatality in Terminal Sump	Roger Solari	30 F
21.08.74	OFD 2	Overdue - found at Confluence	MCG	
02.11.74	OFD 2	Fall in streamway - cracked rib		
16.11.74	OFD 2	Fell of ladder - head & back injury	Kate Bailey - Swansea Uni	
14.12.74	OFD 2	Overdue - forgot to remove ticket	Croyden CC	
14.12.74	OFD 2 - Cwm Dwr	Overdue - found in Smithy	Midland CEG	

**1975**

26.01.75	OFD 2	Stranded - ladders removed	Imperial College	
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**1976**

OFD 2	Broken Ankle
Pant Mawr Pot	Fall - Leg Injury
OFD 2	Overdue
OFD 2	Overdue
OFD 2	Overdue

**1977** *None Known***1978**

05.02.78	OFD 2	Great Oxbow		
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**1979**

02.12.79	OFD 2	Fatalities - high water	David Gough & John Fitton	28 F
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**1980**

	OFD 2	Overdue		
	OFD 2	Overdue		
July	Porth yr Ogof	Injured by Boulder		
26.12.80	OFD 2	Overdue - found in the Chasm	2 people	7

**1981** **WBCRT split from SWCC**

17.01.81	Agen Allwedd	Broken Leg in Southern Stream	Tim Flannagan	41
22.07.81	Porth Yr Ogof	Fatality - drowning in Resurgence	Adrian Luck	F
	OFD 2	Overdue		
	OFD 2	Overdue		
	Little Neath River Cave	Unnecessary Call Out		1

**1982** *None***1983**

14.05.83	OFD 2	Cwm Dwr to Top - exhausted	WSG & Surrey Uni - 8	2
22.10.83	Little Neath River Cave	Fall 40ft from aven	Steve West	2
29.10.83	OFD 2	Fall of 35ft at Maypole Inlet	John Underwood (Aber Uni)	1
29.10.83	OFD 2	Fall 12ft whilst Traversing	Peter Harvey	2
19.03.83	OFD 2	Lost in Cwm Dwr on thro trip	Calworth Cave & Pothole	2
	OFD 2	Lost in Cwm Dwr	3 People	2

**1984**

12.01.84	OFD 3	Overdue	Cambridge Uni	2
01.12.84	OFD	Overdue		3

**1985**

03.02.85	Pwll Dwfn	Overdue - lost on surface	2 male	2
21.04.95	OFD 2	Overdue - twisted ankle	Amman Valley	3
02.06.85	OFD 2	Cwm Dwr	5 from Portsmouth Polytechnic	
09.06.85	Little Neath River Cave	Trapped by Floodwater	Party of 10 - 3 stuck	2
29.06.85	OFD 2	Overdue - lost on thro trip	5 from PPCC	6
17.07.85	Little Neath River Cave	Trapped by Floodwater	3 male, 1 female	5
23.07.85	Little Neath River Cave	Trapped by Floodwater	Rescue Practise	
02.08.85	Nant ddu	Lamb Rescue		
26.08.85	OFD 2	Fall into Presidents Leap	Julian Whitehead, 11 - head	
01.12.85	Little Neath River Cave	Trapped by Floodwater	Oxford Uni - 2	6

**1986**

31.03.86	OFD 2	Overdue - lost		1
04.04.86	Lesser Garth Cave	Fall resulting in severe injury	David Guthrie, 61 - Fire Brigade handled	1
12.06.86	OFD 2	Overdue - exhausted	Roger Pearce	24
28.07.86	Porth Yr Ogof	Fatality - drowned in pool	Gwynfor Hughes	

**1987**

26.03.87	Coed Y Mwster	Trapped by boulder fall	Jeffrey Llewellyn	5
	Pant Mawr	Lost Party on Moor	Venture Scouts	2
	Paviland & Gower Caves	Missing Person		
12.12.87	OFD 2	Overdue Party in Cwm Dwr	WSG	

**1988**

23.01.88	OFD 2	Trapped by Floodwater	Hades - 5	22
30.01.88	OFD 2	Back Injury	Christopher Seal	7
07.02.88	Little Neath River Cave	Trapped by Floodwater	6 - one rescued	
25.06.88	OFD 2	Overdue - lost	School group	2
18.08.88	OFD 2/3	Overdue	Wolverhampton CC	1
01.10.88	OFD 2	Hurt by moving rocks	UBSS	3
15.10.88	OFD 2	Overdue left ticket	Portsmouth Polytechnic	2
31.12.88	Black Mountain	Search with Raynet	4 persons missing	23

**1989**

21.01.89	OFD 2	Cwm Dwr Overdue	MCC	1
12.02.89	OFD 2	Overdue	G.B. Hughes + 6	1
19.02.89	OFD 2	Overdue - lost	Cwmbran CC	3
09.04.89	OFD 2	Overdue - lost	SGIHE	1
29.04.89	OFD 2	Overdue - found exiting		1
11.05.89	Herberts Quarry	Search for missing man	Assisted MRT	
21.06.89	Trehafod	Dog Rescue from Rift		
09.07.89	OFD	Fall -dislocated shoulder		
09.07.89	Porth Yr Ogof	Diver trapped in Airbell		4
09.07.89	Tunnel Cave	Overdue - found at gate keyless	BCC	2
28.10.89	OFD 3	Overdue - found exiting	MCG	1
28.10.89	OFD 2	Overdue - light failure	Morgannwg	2
19.11.89	Pant Mawr Pot	Overdue - lost on hill	Poly of Wales	1
26.11.89	OFD 2	Dislocated Patella	Donna Gladwin Ilkley College CC	6

**1990**

27.01.90	OFD 2	Overdue - streamway high	Portsmouth Poly CC - 3	2
11.02.90	OFD 2	Overdue - lost & lights ran out	Aston & Brunel Uni - 6	6
11.02.90	OFD 2	Overdue - trip took too long	Cwmbran CC - 6	1
14.04.90	OFD 1	Diver marooned in airbell	Neal Harman	4
02.05.90	Ystalyfera	Dog lost in Culvert		3

14.07.90	Silica Mines Glynneath	Heart Attack	Neville Groom (Trg Course)	2	<b>F</b>
31.07.90	OFD 2	Overdue - lost	3 from Clerical Medical CC	2	
09.09.90	Coed Y Mwster	Children lost in Cave	4 aged 14/15	3	
09.09.90	Aberdare	Dog stuck in rift	Maerdy Mountain	9	
12.09.90	Coed Y Mwster	Search Cave for missing child	Sarah McCawley	3	
14.10.90	Forest Fawr	Scouts lost on hill	No lamps - hill search	2	
24.10.90	Neath Valley	Search for missing person	Possible suicide (hung)	32	
01.12.90	OFD 2/1	Overdue - moving too slowly	Brian Clipstone & 4 novices	2	
02.12.90	Coed Y Mwster	Search Cave for missing person	Member of public	2	
<b>1991</b>					
17.03.91	Taffs Well	Search for missing person	Female, 15	5	
15.05.91	Gilfach Goch	Sheep Rescue			
16.05.91	OFD 2	Overdue - lost			
26.05.91	OFD 2	Overdue	7	2	
30.06.91	OFD 2	Overdue - found in Cave	YSS	2	
28.09.91	Tunnel Cave	Overdue - found on way down		1	
20.10.91	OFD 2	Overdue - found in streamway	Brynmawr - 6	6	
<b>1992</b>					
23.02.92	OFD 2	Overdue - streamway high	Cwmbran CC - 6	2	
28.05.92		Lamb Rescue			
16.06.92	Porth Yr Ogof	Fatality - drowning in deep pool	Amanda Stead (Army)	2	<b>F</b>
24.08.92	OFD 2	Child fell at Arete at Practise	Christopher Williams (SWCC)	1	
27.08.92	Black Mountain	Car left overnight		2	
27.09.92	Herberts Quarry	Possible missing Caver	Mark Withers	1	
10.10.92	OFD 2	Twisted Ankle	Judith Gregory	2	
14.10.92	Porth Yr Ogof	Fatality - drowning in deep pool	Graham Lipp (Dolygaer)	3	<b>F</b>
29.11.92	Pant Mawr Pot	Overdue - bad surface weather	WSG - 4	4	
06.12.92	Twyn Tal Ddraenen	Overdue - bad surface weather	SWCC - 2	2	
16.12.92	OFD 2				
<b>1993</b>					
01.01.93	OFD 2	Overdue - found near entrance	Wessex CC - 4	1	
23.01.93	Pwll Dwfn	Overdue - found in pub	DCRT	1	
23.01.93	OFD 2	Overdue	SWCC	1	
30.01.93	OFD 2	Overdue - had to backtrack	SWCC	3	
20.02.93	Pantmawr Pot	Head Injury	Rosslind Woodhead (Leicester)	2	
21.02.93	OFD 2	Overdue	UBSS	1	
21.02.93	OFD 1	Overdue, tired - Waterfall series	SWCC	1	
07.03.93	Little Neath River Cave	Overdue - lost	John Coole, Ian Cooper	3	
07.03.93	OFD 2	Overdue	MCG	1	
02.04.93	OFD 2	Overdue	Yorkshire SS	3	
22.04.93	OFD 2	Dislocated Knee	Louise Maurice (SWCC)	3	
30.04.93	OFD 2	Overdue - lost	YSS	3	
02.05.93	Dan Yr Ogof	Overdue - found exiting	SWCC	1	
13.06.93	Frongoch Mine	Lamb Rescue from Mine Shaft			
21.10.93	Pant Mawr	Lost Caver Search			
29.10.93	Ogof Ffynnon	Leg injury from Boulder fall	Croyden CC	3	
27.11.93	OFD 2	Overdue - found exiting	LUCC	1	
05.12.93	Tunnel Cave	Overdue			
08.12.93	Llandoverly	Lamb Rescue			
<b>1994</b>					
02.01.94	OFD 2	Overdue - found near entrance	SWCC - 5	1	
30.01.94	Daren Cilau	Trapped by rockfall	Matt Ward (Hades CC)	22	
01.05.94	OFD 2	Overdue due to knee injury	Sally Burgess (Gagendor)	1	

01.05.94	OFD 2 - Cwm Dwr	Overdue due to knee injury	Yorkshire SS	1
03.05.94	Dan Yr Ogof	Overdue - ticket not removed	BCC - 5 male	4
22.05.94	Cwm-Elan	Lamb Rescue from shaft		3
29.05.94	Haffes Valley	Broken Ankle	Judy, Ceinwen Day & Claire Hicks	2
18.06.94	Bridgend	Dog Rescue		
27.08.94	OFD 2 to Cwm Dwr	Overdue due to slow progress	RFDCC - 4 male	3
01.09.94	OFD 2	Overdue due to slow progress	SWCC - 5	2
23.10.94	OFD 2	Overdue - quickly found	WCC - 6 male	1
24.10.94		Missing Dog		
24.10.94	OFD 2	Overdue - forgot watch	Brian Clipstone, Alan Richardson	1
<b>1995</b>				
22.04.95	Cwmystwyth Mines	Fall into mine entrance	Male - Wolverhampton	1
27.05.95	Pwll Dwfn	Head Injury after rock fall	Adrian Pancwynk	2
01.07.95	OFD 2	Overdue - found at Maypole inlet	7 male, 1 female	6
30.07.95	OFD 2/3	Overdue - Rockfall onto hand	Lisa Williams	2
12.09.95	OFD 2	Overdue, found in Cairn Chambr	2 male, 1 female (Belgian)	6
07.10.95	Pant Mawr	Broken Ankle		
29.11.95	Pontberw	Duck Rescue	From Culvert	2
28.12.95	OFD 2	Overdue - found exiting	SWCC	1
<b>1996</b>				
27.01.96	OFD 2	Overdue	Southampton Uni	2
31.03.96	OFD 2	Overdue - search	TSG - 4	1
21.04.96	OFD 2/1	Overdue - found in 1 on way out	SWCC	1
09.06.96	OFD 2	Dislocated Shoulder	Barry Burns (Brynmawr CC)	5
29.06.96	Trecastle	Remove Cars from River	Assist BBNP	2
15.09.96	Agen Allwedd	Injured Ankle + 1 animal ?	Girl Scout	3
<b>1997</b>				
22.02.97	OFD2	Overdue	Pete Glanville	1
15.03.97	OFD2	Overdue - Found In Gnome	Thurrock	2
01.04.97	Cwm Dare Park	Dog Rescue	Disappeared down deep rift	3
19.04.97	OFD2	Overdue		1
03.05.97	Railway Dig	Back Injury	Gary Nevitt	2
06.06.97	95112 Pot	Calf Rescue	Fallen into new Pot Hole	4
20.06.97	Pant Mawr Pot	Overdue	Stroud Ramblers	2
08.08.97	Brynamman	Missing Person	Gilmor Williams	11
<b>1998</b>				
31.01.98	Pant Mawr Pot	Overdue - Lost Caver on Moor	Bob Goss (Keyhole CC)	9
07.02.98	OFD2	Overdue - found in Cwm Dwr	Swiss Troggs	1
21.03.98	OFD2	Ill Caver	Paul Daniels (Thurrock)	1
29.03.98	Ogof Carno	Broken Ribs	Rob Johnston (Brynmawr)	10
03.05.98	OFD2	Broken Finger	Sally Peacock (Croyden)	3
22.08.98	OFD2	Overdue - out as team started	ISCA	1
22.12.98	Blaenau	Dog Rescue		10
30.12.98	Ogof Pont Y Meirw	Diving Fatality	Peter Fowler	18
<b>1999</b>				
20.02.99	OFD2	Overdue at Rescue Prac	Fred, Verena, Andy Burrow	2
27.03.99	OFD2	Overdue - exhausted Caver	Owen Clarke (Cwmbran)	1
27.03.99	OFD1	Ankle Injury	Julia Hardy (Swindon SS)	1
06.04.99	OFD2	Overdue - found at Arete	Sheffield Uni	1
18.05.99	OFD1	Overdue Film Crew	Steve Thomas & HTV	1
31.05.99	Dan Yr Ogof	Overdue	Joel Corrigan, Justin Bend	2
13.07.99	Mid Wales	Calf Rescue		4

18.08.99	Aeroplane Hole	Lamb Rescue		3
07.11.99	River Tawe	Sheep Rescue		2
<b>2000</b>				
09.01.00	Ogof Gwynt yr Eira	Overdue - turned up late	Rhys Williams, M.Groves	1
06.04.00	Rift - Bridgend Mountain	Dog Rescue		7
03.05.00	OFD2	Dislocated Knee	Claire McElwain	3
04.10.00	Pant Mawr Pot	Exhausted - couldn't climb out	Martin Croshaw	4
<b>2001</b>				
25.02.01	Daren Cilau	Dislocated Shoulder	Keith Pearson	31
04.10.01	Ogof Clogwyn	Stuck by knee in rift	Fran ?	1
30.10.01	River Tawe	Sheep Rescue		3
10.11.01	OFD 2	Cwm Dwr - exhausted	Claire Monk + 4 SUCC	2
20.11.01	Brecon	Search Well	Looking for Murder Weapon	5
24.11.01	OFD 2	Sprained ankle	Ralph Candy	2
<b>2002</b>				
19.01.02	Glynneath	Dog stuck in disused Mine		4
17.02.02	Garth Iron Mines	Too tired to Climb out	Gareth ?	5
13.04.02	OFD 2	Fall injuring back	John Hunt	12
22.07.02	Porth yr Ogof	Drowning Resurgence Pool	Kevin Sharman	3
28.07.02	OFD 2	Overdue Party	5 from SWCC	1
03.08.02	OFD 2	Overdue Party	5 from MUCC	1
18.08.02	Disused Mine Llanelli	Missing Person	Denni Locke	5
21.09.02	Road nr Cwmystwyth	Motorcycle Accident	Stephen Austin	2
29.09.02	OFD 2	Overdue Party	Blackrose Caving Club	1
15.10.02	Llygad Llwchwr	Back Injury	Laura Turner	7
<b>2003</b>				
18.01.03	OFD 2	Too tired - Cwm Dwr	Martin Croshaw	2
22.07.03	Otter Hole	Fall - injury to back & pelvis	Laura Trowbridge	20
19.08.03	Mountain Rift Tonypandy	Dog Rescue	Successful	22
25.10.03	OFD 2	Overdue Party on thro trip	3 from UBSS	1
15.11.03	Pant Mawr Pot	Lost on moor returning	3 from Cardiff Medics	2
28.12.03	Penrhys - Rhondda	Dog Rescue from Rift	Successful	5
<b>2004</b>				
25.02.04	Pant Mawr Pot	Lost on moor on return	Aberystwyth CC - 5 people	2
01.05.04	Pant Mawr Byfre	Hypothermic Individual	DofE group	2
11.05.04	Clydach Vale Tonypandy	Dog Rescue	Successful	4
12.06.04	Slaughter Stream Cave	Broken Femur and Ribs	Robbie	14
26.07.04	Cwmparc, Treorchy	Dog Rescue	Stood Down	1
09.10.04	Ogof Pasg	Exhausted Caver		2
09.10.04	Llangattock	Standby to Incident	Stood Down	1
16.10.04	Pwll Dyfn	Overdue Party	Stood Down	1
<b>2005</b>				
03.01.05	Dare Valley Country Park	Dog Rescue	Successful	8
07.02.05	Cwmystwyth	Sheep Rescue	Successful	23
28.05.05	OFD 2	Fall in CwmDwr	Lizzie Das Neves	25
19.06.05	OFD 2	Overdue Party	Southampton University	2
21.07.05	OFD Reserve	Sheep Rescue	Successful	2
03.09.05	OFD 2	Caver refused to exit	Mark Hill	4
11.10.05	Dan-yr-Ogof	Overdue Party	Stroud Rambling Club	1
29.12.05	Pwll Dyfn	Exhausted Caver	Laura Benbow	5

**2006**

23.03.06	OFD 2	Lost in CwmDwr	York University	5
06.05.06	Gelli, Rhondda	Dog Rescue	Successful	3
17.06.06	Pwll Dyfn Valley	Sheep Rescue	Successful	2
07.10.06	OFD 2	Overdue Party	SWCC Hywel Davies	0/5
04.11.06	Lethrid Swallet	Unable to pass obstruction	Andy Sewell, WSG	6
12.11.06	OFD 2	Overdue Party	Southampton University	2
23.11.06	Penyllt Quarry	Sheep Rescue	Successful	1

**2007**

16.01.07	Cwm Hwnt, Rhigos	Dog Rescue	Successful	5
21.01.07	Ogof Ffynnon	Fall in entrance shaft	Kayleigh Gilkes, UBSS	10
18.02.07	Agen Allwedd	Lost on Round Trip	Sheffield USS - 3 people	10
17.03.07	OFD 2	Lost in Cwm Dwr	York University - 3 people	2
02.06.07	OFD 2	Lost in Cwm Dwr	Swiss Re Troggs - 2 people	3
16.08.07	Aberystwyth	Sheep Rescue from Shaft	Successful	12
17.11.07	Craig Y Nos Quarry	Sheep Rescue from Quarry	Successful - 3 Sheep	4

**2008**

04.01.08	Garnant	Missing Person Search	Found before CR Search	3
08.02.08	Porth yr Ogof	Dislocated Kneecap	Hannah Cooper	5
17.02.08	Agen Allwedd	Lost on Round Trip	Westminster SG	7
15.03.08	Dan yr Ogof	Trapped by Floodwater	Joel Corrigan & Rich Frost	24
21.05.08	Black Mountain	Sheep Rescue	Successful	3
10.06.08	Blaen Cwm	Dog Rescue (2 Dogs)	Successful	10
15.07.08	Llygad Lluchwr	Dislocated Kneecap	Kirsty Duncan	3
01.09.08	Hospital Cave	Trapped by Floodwater	Matt Woodfield + 1	5
11.09.08	Sychrhyd Gorge	Broken Leg	Mike Griffin	5
19.10.08	OFD 2	Overdue Party	Wealdon	3
01.11.08	Gelli, Rhondda	Dog Rescue	Successful	6
06.12.08	OFD 2	Lost in Cwm Dwr	Exeter University - 4 people	4

**2009**

22.02.09	OFD 2	Overdue Party	Aberystwyth Uni CC – 5 people	2
16.06.09	OFD 2	Trapped by Floodwater	Aberystwyth Uni CC – 5 people	6

## **Appendix B - West Brecon Cave Rescue Team Constitution**

### **TIM ACHUB OGOF AU GORLLEWIN BRYCHEINOG WEST BRECON CAVE RESCUE TEAM CONSTITUTION**

#### **1. Name:**

The team shall be known as "The West Brecon Cave Rescue Team" hereinafter referred to as "*the team*".

#### **2. Objects**

The object of the Team shall be to relieve suffering and distress amongst persons or animals endangered by accident or natural hazards underground by the provision, at the request of the police, of search and rescue for any persons or animals endangered.

In furtherance of the above object but not otherwise the Team may exercise the following powers:

- a. To run, maintain and accommodate on a non-profit basis a vehicle or vehicles for use to support underground rescue work.
- b. To own and maintain sufficient equipment and materials to facilitate the Team object.

#### **3. Membership:**

##### **a Member**

Any caver who is 18 or over and has agreed to be included in the Team's call-out list and accepts their responsibility for understanding team procedures and operating practices according to their likely role. Members may be called upon to support rescue activity

Membership shall cease if the Member says they no longer wish to be on the call-out list or do not respond to requests to update call-out details. In exceptional circumstances the Executive may decide to remove a Member from the call-out list.

##### **b Associate members**

Any person wishing to indicate their support for cave rescue may become an Associate member. Associate members may receive communication from the Team and invitations to fund raising events and public occasions. Associate membership shall cease if the Associate member says they no longer wish to be so. In exceptional circumstances the Executive may terminate an individual's Associate membership.

##### **c. Associated Clubs.**

A Club may be elected to the status of associate by a vote at a general meeting. Associate Clubs may appoint a representative to the Executive. Before a vote takes place a Club must be nominated by 3 members, one of whom is also a member of the Executive, and the nomination be published in the notice for the general meeting.

Associate Club membership shall cease if

i) when requested by the Team Secretary, the Club fails to confirm its wish to continue as an Associate within 28 days.

ii) the Club, in writing, states its wish not to be an Associate.

iii) by a vote at a general meeting a resolution is passed withdrawing the status of 'Associate' from that Club.

#### **4. Administration:**

- a. The management of the team shall be by an Executive elected for that purpose.
- b. The Executive shall consist of the following officers, Chairman, Secretary, Treasurer, Training, Equipment, Equipment Development, First-aid, Communications, Fund Raising Manager, up to five members all elected at the AGM, plus a representative from each Associate Club, if the Club so wishes, and the Wardens.
- c. The Executive shall appoint from amongst their numbers such additional officers as may be required.
- d. The Executive shall have the power to make replacements for those elected and to co-opt up to two further members.
- e. The Executive, except the wardens, shall retire at the annual general meeting but shall be eligible for re-election.
- f. Members and Associate Members or Associate Clubs are not permitted to represent the Team without prior permission of the Executive or the Controller at a rescue

#### **5. General Meetings:**

- a. An annual general meeting shall be held within 54 weeks of the previous AGM.
- b. The quorum for a general meeting shall be 20 Members eligible to vote
- c. Extraordinary general meetings shall be held at the request of either the Executive, or of twelve Members. The business of an EGM shall be limited to that set out in the notice of the meeting. Any EGM shall be held in the Team's Headquarters (2 Powell St. Penwyllt)
- d. Notice of meetings including an agenda shall be sent to Members at least 28 days prior to the meeting. Notice shall also be promulgated through regional bodies and the caving press where this is possible. Included in the notice for an AGM shall be a report from the Secretary.
- e. Proposed changes to the constitution, if any, must be included in the notice of the meeting.
- f. The Team's accounts for the year shall be presented to the AGM

#### **6. Voting:**

- a. At a general meeting ordinary motions and elections to the Executive shall be determined by simple majority of those Members present and voting. The Chairman shall have a casting vote.
- b. At a general meeting changes to the constitution shall require the assent of two thirds of those Members present and voting.
- c. At an Executive meeting decisions shall be taken by a vote and determined by a simple majority of those Members of the Executive present and voting. The Chairman shall have a casting vote.
- d. Any Member of the team may vote at a general meeting

#### **7. Wardens:**

The Executive shall appoint a number of individuals to act as callout wardens. The Executive shall have sole discretion in the appointment or removal of wardens, in determining the number of wardens required and determining the suitability or otherwise of a person for the role. Removal of a warden shall be agreed by a majority of two thirds of those Members of the Executive present at a meeting of the Executive convened specifically for this purpose.

#### **8 Ensuring effective liaison and co-ordinating arrangements for Cave Rescue in South and Mid Wales**

- a. The Executive shall ensure that liaison with the emergency services, public bodies, other rescue teams and the British Cave Rescue Council is maintained to ensure the efficient delivery of the Team's objective. The Executive shall publish a callout list for the Police and endeavour to ensure that arrangements for mobilising the team are appropriately co-ordinated with other organisations.

- b. In particular at the first Executive meeting following the AGM the Executive shall appoint from amongst its members a person to the post of Liaison Officer with responsibility for ensuring as far as possible Cave Rescue services are co-ordinated and compatible in the South Wales and Mid Wales area.
- c. The Team shall take part in a formal liaison arrangement known as the South Wales Cave Rescue Liaison Group. The Group shall consist of such members as the Executives of the WBCRT and Gwent CRT determine but being no less than the 2 people appointed by the respective Executives to ensure co-ordinated and compatible cave rescue services in the South Wales and Mid Wales area. The West Brecon Liaison Officer and the Officer similarly appointed by the Gwent CRT shall decide the management of the Group
- d. The Team recognise the right of a member of the Gwent CRT specifically authorised by their Executive to attend any Executive meeting or AGM and be heard on any point they wish to raise. If required the authorisation shall be presented in the form of a copy of the relevant Executive minute signed by the Secretary to the Gwent CRT.
- e. At least one of the rescue practices organised during a year shall be designated a 'joint rescue practice' and the Gwent CRT invited to attend. The content shall encourage sharing of techniques and procedures.

#### **9. Funding:**

- a. The team may obtain funds by whatever legal means may be deemed appropriate.
- b. The Executive shall have responsibility for organising fund raising.

#### **10. Audit of Accounts:**

- a. The team accounts shall be audited annually before presentation to an AGM.
- b. An Hon. Auditor shall be appointed at each AGM.
- c. A bank account shall be opened in the name of the team.
- d. All cheques shall be signed by two signatories authorised by the Executive.

#### **11. Dissolution:**

In the event that the team ceases to function in fulfilling its objects, for whatever reason, then it may be dissolved. This shall occur if two thirds of those members present at a general meeting convened for the purpose so resolve. In this event, the assets of the team shall be made over to an effective Cave Rescue service in South Wales. In the event that no such body or organisation can be identified or agreed upon, then the assets shall be made over to the British Cave Rescue Council.

#### **12. Amendments**

Alteration to the Constitution shall only be made as follows :

A resolution for the alteration of the constitution must be received by the Secretary of the team at least 35 days before the general meeting at which the resolution is to be brought forward. The Secretary must include notice of the alteration proposed in the agenda for the meeting.

#### **13. Interpretation:**

In the event of any dispute as to the interpretation of this Constitution the Executive shall be the sole adjudicator.

**14. Property:**

- a. The property of the Team other than cash at the bank shall be vested in not less than two and not more than four Trustees, or at the discretion of the Executive in the Official Custodian of the Charity Commissioners, Charities Land Holding Service. They shall hold the property upon trust for the members of the Team in accordance with the lawful directions of the Executive.
- b. The Trustees shall deal with the property as directed by lawful resolution of the Executive and an entry in the minutes of a meeting of the Executive signed by the Chairman as a true record shall be conclusive evidence of such resolution. The Team is entitled to sell, exchange, mortgage, lease or build upon the property.

**15. Trustees:**

- a. The Trustees, if required, shall be elected by a General meeting and, if appointed, shall hold office until death or resignation unless removed by a resolution of a General meeting. A resolution to appoint or remove a Trustee may only be carried by two-thirds majority of those members present and voting.
- b. The Chairman is nominated as the person to appoint new Trustees within the meaning of section 36 of the Trustee Act 1925. A new Trustee or new Trustees shall be nominated by resolution of a General Meeting and the Chairman shall by deed duly appoint the person or persons so nominated by the General Meeting as the new Trustee or Trustees of the Team and the provisions of the Trustee Act 1925 shall apply to any such appointment. Any statement of fact in any such deed of appointment shall in favour of a person dealing bona fide with the Team or the Executive be conclusive evidence of the fact so stated.
- c. The Trustees shall be indemnified by the members of the Team for all expenses and other liabilities properly incurred by them in the discharge of their duties, and provided they act in accordance with the lawful directions of the Executive, the Trustees shall not be held liable for the acts and defaults of the members.

As amended by the AGM 13<sup>th</sup> Jan 2008