

DECEMBER 1981

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MERRY CHRISTMAS

The feature of the New York to 17 on Market 18 Merry Christmas and an Active New Year to all our Members.

1981 will no doubt be long remembered as our most historic year in the M.C.G. It was the year in which we finally moved in to our own cottage, for which we had worked and waited for so long. Moving in has been a great moral booster for the M.C.G. There has been a significant increase in caving activity, and a considerable increase in Membership. Which augurs well for the future.

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Although there is still a lot to do on the cottage, and it may seem as though little progress is being made, it has to be realised that fitting out a cottage is a bigger task than it may first appear, and we are progressing slowly but surely;

1982 beckons with great expectations. Our digging activities are going well, and Tony and Greg are looking at possiblities for a club expedition in the summer.

1982 A.G.M. AND DINNER CONTROL OF THE RESERVE OF THE PROPERTY The 1982 Annual General Meeting of the Mendip Caving Group will be held at Nordrach Cottage on Saturday afternoon on 27th March 1982. Tony Knibbs and myself will be supplying a Birthday Barrel at the meeting. The Annual Dinner will follow that evening at the Star in Wells.

Bryan Pittman

CONTRACTOR DESCRIPTION

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TREASURER

As reported last month Eric Dowley is to resign as Treasurer at the end of December. Arthur Spain has kindly agreed to be co-opted Treasurer in Eric's place till the A.G.M. Arthur's address and telephone number is published in this newsletter as he will be taking up all new business immediately while Eric winds up our 1981 financial affairs.

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SUBSCRIPTIONS 1982

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1982 M.C.G. Membership Subscriptions are due from 1.1.82. £10 for Full and Probationary Membership over 18 years of age. £ 5 for Associate Membership, Member's Spouse, and Members under 18.

Eric says that some Members still have not filled in their 1981 Covenant forms. Will they please do so and return them to Eric as soon as possible as he cannot send them off to the Inland Revenue until he has had them all returned to him. Only then will we get the rebate!

MENDIP CAVING GROUP COMMITTEE

SECRETARY

TONY KNIBBS

23 Winern Glebe. Byfleet, Surrey.

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Byfleet 43875

(WORK)

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TREASURER

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ARTHUR SPAIN

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MEET SECRETARY

GREC SMITH 16 Nield Road, Hayes, Middlesex.

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TEL (HOME) 11 01.848.3340.

COTTAGE WARDEN

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TEL (WORK) Wells 72081 Ex 273

TACKLEMASTER

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TEL (HOME) 0442.42029

RECORDER

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JONATHAN ROBERTS

17 Kent Avenue, at the second

West Ealing, London, W13 8BE

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01 997 2916

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BRYAN PITTMAN

grad grade a radio sama ar Este 36 Manor Way,

TEL (HOME)

Egham, Surrey.

Egham 37540

CAVING ACCOMODATION

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MENDIP CAVING GROUP

NORDRACH COTTAGE.

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and the companies of the companies of the companies of the BLAGDON of the companies of the per tells on sales at beautiful to realisant reprint. BRISTOL, BS18 6XW.

N.G.R. ST/5147.5605

GUEST BOOKINGS:-

To be made with the Cottage Warden.

THURSDAY MEETINGS

THE FOX & HOUNDS & MAWSON ARMS Lane South, London, W.4. AND THE RESIDENCE OF THE PROPERTY OF THE STATE OF THE STA

COTTAGE BOOKINGS

DECEMBER

- 11 Dave Gibson
- 18 MEMBERS WEEKEND
- 25 CHRISTMAS

JANUARY

- 1 MEMBERS WEEKEND
- 8 MEMBERS WEEKEND
- 15 MEMBERS WEEKEND Martin Rowe's Birthday Barrel
- 23 Imperial College C.C.
- 29 Dave Gibson

FEBRUARY

- 5 MEMBERS WEEKEND
- 12 Dave Hivson
- 19 MEMBERS WEEKEND

DUSTBINS

Please let the Committee know any time the council has not emptied the cottage dustbins.

NORDRACH COTTAGE WORK OUTSTANDING DECEMBER 1981

Finish fire surround with quarry tiles

Seal floor

Remove old carpets (when car park completed)

STAIR CUPBOARD

Finish lagging pipes

Paint walls when dried out

CHANGING ROOM

Add final coat of Paint (eggshell) to walls

and all pipe work and basin brackets

SHOWER ROOM

Add final coat of gloss paint to ceiling

LOBBY

Paint walls (eggshell)

BEDROOMS

Fit anti-roll boards to top bunks

Lay lino tiles
Fix bunks to walls.

ROOF SPACE

Paint loft trap (gloss)

Fit access ladder

LIBRARY

Complete fitting of shelves

Move books into library from bedroom

EXTERNAL

Form shute below rainwater pipe at rear.

Finish levelling car park and spread scalpings

Erect Boundary Fencing Construct Soakaway

GENERAL

Construct Rescue Gear Cupboard in Lobby Change stair carpet when car park completed

Finish fitting Gas Solenoid to gas system

Finish Battery Charger Install additional Heating During a recent Greek Holiday, on the island of Samos, I was interested to find cut about one of the greatest technical achievements of ancient times.

Thousands of workers slaved in the tunnel for many years, digging from both sides, until meeting face to face exactly in the centre of the mountain, with only a three metre deviation. These facts indicate that the necessary measurements were carried out with considerable mathematical accuracy.

The water was carried in a channel cut into a false floor in the tunnel. On the tunnel walls levelling lines were marked in red chalk and the markings for the construction sections have survived. The markings are in the form of a long vertical line withasection number and underneath the name of the supervisor, in archaic writing, running from right to left. Ten names have been found at a distance of 63 metres each. There are an unusual number of stonemasons' signs, these being, as yet, the oldest architectual proof of ligatures. Also of outstanding significance is a red chalk inscription on one of the first sections of the tunnel. In 30cm high letters and five metres long is the word the first sections. This simply spells paradegma in English and is the word paradigm in modern English use. Paradigm means example or pattern and in the tunnel: it would have signified that this section was intended as a prototype for the remainder of the work. It is the oldest example yet of the Greek word for architectural model.

Pottery, clay lamps and gold coins have also been found during excavations of the tunnel.

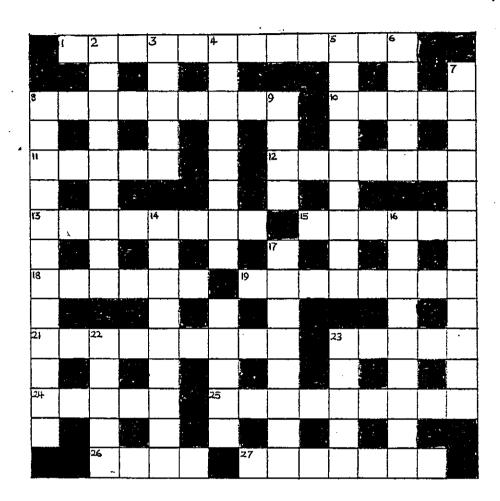
On first visiting the tunnel I discovered that it was closed to the public but I noticed a smaller entrance about 30 metres away amongst some trees I had no torch with me but poking my head into the entrance there seemed to be a good way ahead and a strong draught.

I returned one evening with young Chris and Paul, plus a torch. We walked the long mountain path to the entrance. On entering we were immediately impressed at finding a pointed shaped roof about 1.7 metres high. The walls were smooth and one metre apart. This smaller entrance tunnel soon joined a junction with the main entrance and here was evidence of excavation work and an electricity feed. The tunnel continued on, curving occasionally to the left and right. The false floor, made of sections of solid stone and with a 15 cm deep water channnel, had collapsed in a few places making progress rather slow as it meant we had to scramble up and down from the original tunnel floor level. As we only had one torch amongst us the climbing was rather tedious. Every thirty metres or so a round stone lined ventila tion shaft led up to the darkening Agean sky. Parts of the tunnel roof had collapsed in places but the the route ahead was always just possible with a bit of a squeeze. Apparently the complete length of tunnel is not passable due to a complete collapse of the roof. We were not to find this out for ourselves however as the boys were getting a little anxious and I decided to get out while the going was good. After all with only one torch who knows what could happen.....

John Pudduck

Brian will buy the first Member to send him a correctly completed crossword Three Pints of Beer!

Send your entry to :- B. Terry, 54 Brunswick Crescent, New Southgate, London, N11 1EB



CAVING CROSSWORD CLUES

```
1 Leap each Dell in Yerkshire! (6,2,4,)
8 Team fusing together without direction, disinfects and cleanses (9)
10 Makes a blend to obtain heraldic colour (5)
11 Seek to remove errors in text, in what may seem endless job. (5)
12 One Middle Eastern formation in Lancaster (7)
13 Pout face for refreshing drink. (3,2,3.)
15 Cessack, Minus one hundred, for a cave in Littendale (6)
18 Climbing Aids - Feelish to snip! (6)
19 A judge would use this to terminate a sentence (4,4)
21 Liens mete out material essential for cave formation. (9)
23 A light growing gradually smaller at the end (5)
24 Part of this creed is common on mountainsides (5)
25 The sort of pay a surgeon gets for amputation? (9)
26 Headless bird goes up in the caving world (4)
27 Ate coin to get poison from Menkshoed (7)
DOMN
2 Beat utensil on Fountains Fell? (6,3)
   What all books are. (5)
4 Confused, Ted Tiler scattered rubbish (8)
  Descriptive of poisonous substance (9)
6 Topsy Turny thief without right forms a gorge (5)
7 Mendip Village. (4.8)
8 Finish of two nations (6,6)
9 Engine part found in some systems (4)
14 Weather report area (Finer site perhaps?) (9)
16 One thing to de with the first part of 5 dewn (3,4,2)
17 Abbreviated Reyalty on Mendip (5,3)
20 Care must be taken when boulder chokes are in this condition (5)
22 Another name for 'The Black Chasm - Khazad Dûm' (Tolkien) (5)
23 Italian City (5)
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CAVING SHOP

FOR ALL CAVING BOARDSAILING
AND MOUNTAINEERING NEEDS

Double skinned neeprene approximately 4mm thick, each sheet 7.50 (About two and a half sheets required for each wetsuit)

WETSUITS

One piece single or double lined

VERY CHEAP

Ladies Double Lined 4-5mm Wetsuits

33.00

SLEEPING BAGS

Down filled Sleeping Bags
Holofill Sleeping Bags
Sleeping Bag Liners (Just what you need till the cottage is fitted with central heating!)

DUVETS

EQUIPMENT

Ladders and Belays Viking 10mm or 11mm Nylon Lifeline Abseiling/Prussiking Ropes and Equipment

BOOKS

Geology of The Peak District	2.00
British Caves and Potholes. by Deakin	4-95
Caving and Potholing by Judson	1.95
Carlsbad Caves and a Camera	5.25
Speleology The study of Caves	2 .9 5
Caving Manual . Lovelock	7•95
The Darkness Beckons. by M. Farr	10.50
Down to a Sunless Sea. by Boon	8,50
Odd volumes of Caxtons Encyclopsedias	60p
Childrens Encyclopaedias	σ ⁰ 06

249 FELTHAM HILL ROAD, ASHFORD, MIDDLESEX.
31 SPRING LANE, HEMEL HEMPSTEAD, HERTS.

TEL. ASHFORD (69) 52643

TEL. 0442 42029

LIQUID PETROLEUM GAS: - CHARACTERISTICS, HAZARDS, HANDLING, AND STORAGE.

Liquified petroleum gases are hydrocarbon gases of which butane and propane are thr two with which most people are familiar; e.g. "Calor" gas. The following notes provide a general guide to the characteristics, hazards, and safe practice in storing L.P.G. in cylinders.

CHARACTERISTICS AND HAZARDS

At normal atmospheric temperature and pressure L.P.G. exists as a gas; but it is supplied as a liquid under pressure in the cylinders - 1 litre of liquid is equivalent to about 250 litres of gas.

The most commonly used L.P.G.s are "commercial butane" and "commercial propane". L,P.G. is colourless and weighs about half of an equivalent volume of water. The vapour is heavier than air, and will therefore tend to fall to low level and flow along the ground into drains, cellars, and other low lying places.

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When mixed with air in a proportion between (approximately) 2% and 10%, a flammable vapour/air miture is formed. In a confined space, ignition of this mixture will cause an explosion. As it is heavier than air, a vapour/air mixture arising from leakage may be ignighted some distance away; the resulting flame may travel back to the point of leakage. An empty L.P.G. cylinder will still contain vapour. Never leave the cylindervalve open - air will diffuse into the cylinder and may form a dangerous vapour/air mixture.

L.PG. is normally odorised before distribution, so a leakage may be detected by smell before a flammable vapour/air mixture is reached. Tests for leakage should be made by brushing the suspect area with soapy water. Leakage may also be detected by the cooling effect of the liquid around the point of leak age - condensation and even freezing of the water vapour in air may occur. UNDER NO CIRCUMSTANCES SHOULD A LIGHTED MAYCH OR OTHER NAKED FLAMES BE USED TO TRACE A POINT OF LEAKAGE.

If brought into contact with the skin, liquid L.P.G. will cause severe frost burns due to the rapid evaporation that takes place. The gas also has anaesthetic properties which may be dangerous at higher concentrations.

STORAGE

Any storage should be readily accessible by emergency services in the event of an emergency. Separation distances from buildings, etc, vary according to the quantity stored - full details are in the Guidance Note (see last paragraph).

In the open air L.P.G. cylinders may be stored with other cylinders whose contents are flammable, or inert; but they must be at least 10 feet from cylinders containing oxygen, or toxic/corrosive materials. If L.P.G. cylinders are to be stored in the vicinity of liquid oxygen, or other hazardous substances, specialist advice on spacing should be obtained.

A building, or part of one, to be used for the storage of L.P.G. cylinders should be purpose designed or modified to ensure good fire resistance and a high rate of ventilation. Cylinders should never be stored in drains, cellars, basements or elsewhere below ground level. Especially outside, all storage areas must be kept clear of grass, weeds, and other combustible materials.

Cylinders should always be stored with the valves uppermost - regardlessof whether they are full or empty - unless they are designed otherwise. In practice this normally means keeping the cylinder upright.

IMPORTANT All storage places, and any enclosed places where L.P.G. is temporarily kept, should be marked with a conspicuous sign at the entrance to indicate the presence of L.P.G. SMOKING MUST BE PROHIBITED IN THE STORAGE AREA. NAKED FLAMES MUST NOT BE ALLOWED IN, OR ADJACENT TO IT. WARNING NOTICES SHOULD BE DISPLAYED.

HANDLING

Cylinders should not be dropped or allowed to come into violent contact with one another, or any adjacent object. Cylinders with damaged valves or threads should be labelled appropriately and returned to the suppliers as soon as possible Suitable hard standing should be provided for the receipt and dispatch of cylinders. FIRE FIGHTING

A clearly recognised emergency procedure should be established and understood by all concerned with handling L.P.G. In the event of a leakage of gas becoming ignighted it should only be extinguished by closing the valve or plugging the leak. No attempt should be made to extinguish the flame in any way, but provided it is safe to do so, the cylinder should be cooled by cautious spraying with water. The person directing the spray should take up a position where he will be protected should the cylinder explode. In the event of fire occurring, inform the Fire Service immediately.

CONCLUSION

and the common that the common the second and the second The above is printed as general guidance on L.P.G. For fuller information rafer to Guidance Note C.S.4 "The Keeping of L.P.G. in Cylinders and Similar Containers", published by the Health and Safety Executive, obtainable from HMSO, reference number ISBN 0 11 883373 1. This also contains details about cylinder construction, charging and fire protection requirements.

UBLEY HILL POT TO A STATE OF THE STATE OF TH Martin Rowe and Ian McKechnie have volunteered to supervise the capping of Ubley. Geoff Barton has offered to act as Mechanical Adviser. Anyone interested please contact any of these three

VARTA BATTERIES These automotive batteries are still available to M.C.G. Members at 50% off list price. Contact Bruce on 01 848 3340. Bruce is still taking orders for off list price. Contact Pruce on U1 040 7740. Disuse is suit with Christmas drinks.

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