

CAMBEAM

The Journal of the Cambridge and District Amateur Radio Club

January 1982

Once more it is time to put pen to paper, or rather finger to typewriter key. Some of you may have noticed that this machine has a smaller typeface- than those used previously, this has two effects: firstly I can get more onto a page thus reducing the amount to be copied, secondly it is more difficult to read! The typewriter was however a bargain so you will have to put up with it.

I should like to take this opportunity to wish you all a Happy New Year, and may all your DX be good in the coming year. Hopefully it will also be a good year for the club, producing excellent results in all the contests we hope to enter!

There has been one or two problems with recent meetings at Coleridge when we have been unable to get in. This affected the meetings immediately before, and after Christmas and was allegedly due to heating faults. Do not despair the club still exists.

The Junk Sale at Comberton on the 4 December was well attended, takings on the door were £33.50 with a similar amount from the commission on items sold. After deducting the hire of the hall we still made a good profit. The hall will be booked for the next sale on 4 June, 1982, in order to make this a continuing success please try to save some items to sell as most at the last sale was brought by only five people. With a little effort from all this could become an excellent event, lets make sure it succeeds in the future.

The club Buffet was held at the end of November, at Harston. After an initial disappointment in the numbers interested, around thirty tickets were sold. It is hoped to make this an annual event.

For the first time in two years the club took part in the 2M contest in September. The results were published in the December issue of Radcom, in the portable section G2XV was placed 45th out of 66 entries. It is interesting to note that no one with less power and obtained a better score. The winner of this section was that well known station G4BPO/P. From the results :-

G4BPO/P	12,917 points	984 QSO's	1st
G2XV/P	2,589 "	412 "	45th
G8ZYA/P	418 "	62 "	66th

A lot of experience was gained by both operators and organisers. We hope to appear higher in the results this year.

IO-UK Club. This was formed to encourage the use of IOM a 6-9 page newsletter will be issued 2 or 3 times a year. Membership details are obtainable from, IO-UK, c/o J.Harris G3LWM, The Oaks, Cricketfield Lane, Bishops Stortford, Herts.

Heard the other day. Marriage has three RINGS associated with it.

ENGAGEMENT ring

WEDDING ring

SUFFER-ing.

(Well I had to fill the space
somehow!!)

NOTICE OF ANNUAL GENERAL MEETING

The 32nd Annual General Meeting of the Cambridge and District Amateur Radio Club will be held on March 26, 1982, at 7.30pm. The Meeting will be held at the Coleridge Community College, Radegund Road, Cambridge.

All are welcome but only paid up members will be entitled to vote. Those unable to attend may nominate members for office by letter, reaching the Secretary no later than March 20. No one may be elected without his/her permission.

The Agenda for the meeting follows:-

- 1) Minutes of the 31st A.G.M., and matters arising
- 2) Chairmans report
- 3) Treasurers report, including recommendation for membership fee for coming year, followed by vote on acceptance.
- 4) Election of officers and committee for coming year.
- 5) Presentation of Granfield Trophy
- 6) Any other business

The present committee are:-

Wilfred Dunell - Chairman
David Leary - Secretary
Martin Mann - Treasurer
David Wilcock - Publicity
Ian Alexander, Brian Davy
John Hall, Martyn Meades
Mike Newport, Trevor Webb

Yet another of our members is preparing to emigrate, is it some effect we have on them? Alec Harper will soon be leaving for Canada, to Calgary to be precise, and I am sure you will all join me in wishing him all the best in the future.

Alec has only recently joined us, progressing from CB. He would like to thank all those who welcomed him on joining and made his time with us so enjoyable.

Every newsletter I bring up the club net. What club net I hear you ask? Well, to be perfectly truthful, I don't know, it seems to have faded away, could it be related to sun spot cycles? I am as bad as anyone for not appearing, it seems people prefer to come on later as there were several at about 10pm one night. So lets try a later time:-CLUB NET NOW 9.30pm LOCAL TIME ON WEDNESDAYS.- 145.55MHz. Our most consistent member is Arthur G3HEZ, let's see if we can find someone for him to talk to on Wednesday evenings,

The Club station is still in existence and to make the H.F. rig a little easier to use we are considering the purchase of a new A.T.U. If anyone has a good A.T.U. that they don't need, or knows anyone who has one for sale would they please let the secretary know.

FUTURE MEETINGS

PLEASE NOTE THAT ALL MEETINGS ARE SUPPOSED TO START AT 7.30pm UNLESS OTHERWISE STATED IN THE PROGRAMME. IF WE CAN MANAGE TO START ON TIME THERE SHOULD BE TIME TO CHAT AFTEH. ALL MEETINGS WILL FINISH AT 9.30pm, AND THE PREMISES MUST BE VACATED BY 9.45pm AT THE VERY LATEST. THIS IS NECESSARY TO KEEP THE PEACE WITH THE CARETAKER. THE COMMUNITY TUTOR HAS ALSO ASKED ME TO REMIND YOU THAT SMOKING IS NOT ALLOWED IN ANY OF THE CLASSROOMS OURS INCLUDED.

JANUARY 22	Curry Evening
JANUARY 29	Informal and Morse Class
FEBRUARY 5	SPORADIC E and LONG DISTANCE TV by John Worsnop
FEBRUARY 12	Informal and Morse Class
FEBRUARY 19	TELEVISION SYSTEMS by Chris Rowsell
FEBRUARY 26	Visit to P. S. L._ Meeting there at 8.00pm. In the industrial estate off Coldhams Lane, just over the railway bridge.
MARCH 5	SPARKS ALL AT SEA by Wilfred Dunell

MARCH 12 Informal and Morse Class

MARCH 19 EARLY RADAR SETS by Ian Alexander

MARCH 26 ANNUAL GENERAL MEETING

APRIL 2 Preparation for Stapleford exhibition + short talk by John Hall

APRIL 4 Stapleford exhibition

APRIL 16 Antenna Shop + How to Tune a Rice Box

APRIL 23 SLOW SCAN (talk)

APRIL 30 Informal and Morse Class

MAY 7 CRYSTALS by G8XLE

MAY 14 Informal and Morse Class

MAY 21 Visit to Applied Psychology Unit - Location to follow

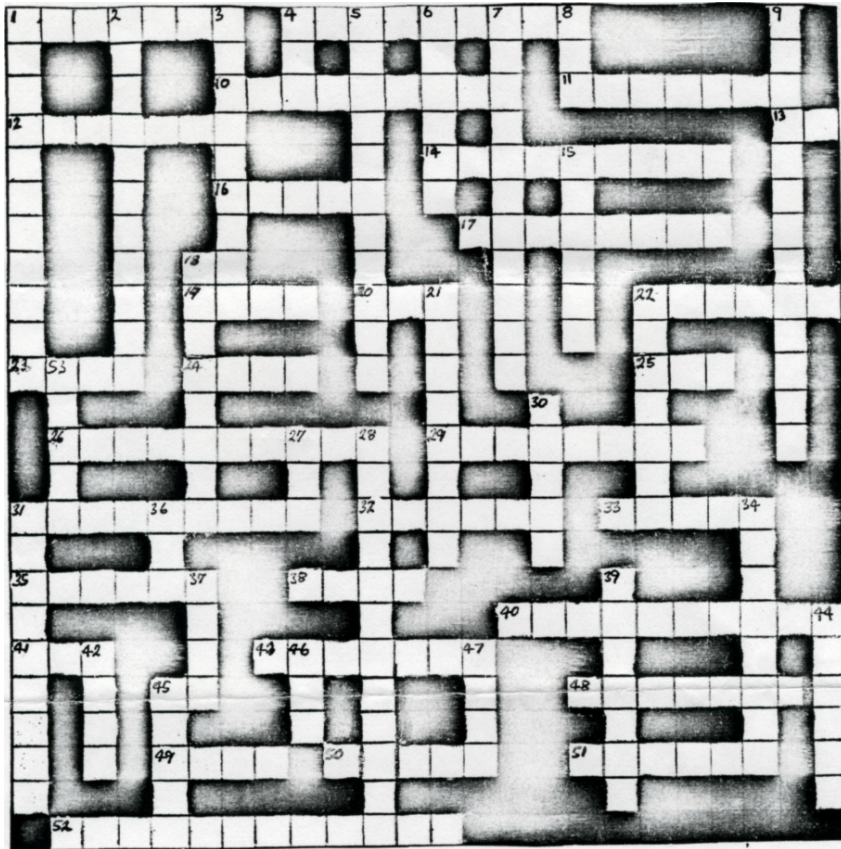
MAY 28 Informal and Morse Class

JUNE 4 JUNK SALE at Comberton Village Hall

JUNE 11 Informal and Morse Class

JUNE 18 MODEL AIRCRAFT by Brian Roberts

To give you something to think about here is a homemade crossword. It is amateur radio and electronics oriented, but one or two other words seem to have slipped in. Steve didn't want to be associated with it, but without his help you would have been lucky and missed it. Good luck with it! Dave & Steve.



ACROSS

- 1 omnidirectional radiator (5,3)
4 operating (9)
10 this will speed things up (9)
11 the solution will be no hard quest (7)
12 an periodical (7)
13 get further with this (abb 2)
14 programming in kit form (9)
16 highly 'steamed engineer, often named
 in powerful places (5)
17 could glow in the dark when excited (3)
18 high voltage (abb 2)
19 this may help you join (4)
20 two meter bounce (abb 3)
22 we try to keep this as short as possible
 but don't reflect on it too much (6)
23 not only found in an egg (4)
24 lock onto this (abb 4)
25 a degree or so behind (4)
26 sends a code (4,6)
29 this shift may be a jump (8)

31 all elements may be made of this one (9)
32 important on top band (6)

Down

- 1 "Q" (11)
2 do you know this ratio (4,2,5)
3 travels by tube (9)
4 this could make you jump (3)
5 "pet horse" mixes with "pro" to give
 unusual propagation (11)
6. radiates but not heat (6)
7 normal mode of HF propagation (11)
8 no bullets from this one (3)
9 CW generation may be this way (7,6)
15 often found in the front (6)
18 electronic valve (8)
21 at the heart of it all (8)
22 these aren't for coffee (7)
2? some do this in the dark (3)
28 we might gain more - if we
 make it again (12) 30
will attract many (5)

- 33 ultrasonic device (5)
35 changing frequency (6)
38 have you got this burst
40 engine drivers do this (10)
41 not always found in a field (3)
43 transforms in a circle (7)
45 found across a resistor (abb 2)
48 hope its in the right place in this
 oscillator circuit (7)
49 sometimes a dummy (4)
50 perhaps an American term, but we
 all get it in the end (5)
51 latest slow scan (6)
52 some won't stand for it (12)

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ADVERTS

FOR SALE R1132's & R1148's, VHF receivers, different frequencies. Some with PSU's & speakers. £5-00 each.

3ft fish tank angle frame, offers.

Apply to Dave G8JKV. Swavesey 31120

WANTED Pen recorder - Details to Martin G4FF0.

FOR SALE Aluminium tubing for the construction of aerials.

10ft x 3/16 diameter solid	£1.25
12ft x 1/4 " butt seam tube.....	£0.50
16ft x 5/16 " " "	£0.80
5ft x 7/8 " 20g wall one end swaged for 3in, makes good portable mast	£1.20
10ft x 1in " 20g wall	£2.25
*20ft x 1in square 18g	£6.00
	half length of above..£3.25
*20ft x 1 1/2 in diameter 16g wall	£9.00
	half length of above..£4.50

*-LIMITED QUANTITY

All the above is available ex stock from Brian G4MEO
or Dave G4JZN

Please mention the Cambridge Club when ordering.

Information from the St Albans police. You are allowed to carry on your car a item that overhangs up to 3ft at either end. With a overhang between 3ft and 7ft a rag must be attached to the ends. Overhangs of 7ft + must have triangular plates (of the approved type) fitted to them.