

CAMBRIDGE AND DISTRICT AMATEUR RADIO CLUB

Spring Newsletter

February, 1975

Somebody once said, "Time Flies". He couldn't have said a truer word. It doesn't seem a year ago that, with great trepidation, I offered to attempt the job of Secretary, and certainly not a year that I set pen to paper and fingers to typewriter for my first Newsletter,, ( Perhaps because it was late. )

It is worth considering what has happened during the past year, in terms of the national society, the club, and as individual radio amateurs, and perhaps cast a speculative glance into the future.

The RSGB remains excellent value for money if you are an active radio amateur(cheaper, for instance, than the AA ).'Radio Communication' maintains a nicety of compromise "between the intricacies of 'Wireless World ' and the Veroboard-and-OC7I of 'Practical Wireless'. With a World Administrative Radio Conference looming ahead in 1979, when all amateur allocations will be under scrutiny and subject to review for better or worse, it is essential that the national society receives our support.

Without encroaching on the reports to be given at the AGM, I think it may be said that the Club has had an encouraging year despite the 'state of the nation'. Our membership is solid and expanding, we are financially healthy (the Membership fee has remained unchanged since 1971) and, although all our plans for equipment have not reached fruition, the initial steps have been taken,

And what has your particular station achieved in the past year?

For my part, lowish positions in a couple of contests, a noise blanker that didn't work...and I had to string up the aerial once when it fell down. Oh yes, and I cured AF breakthrough in my RX from a curtain 2m transmitter I share the shack with.

I make no apology for airing my opinions now and again in the four Newsletters I have been responsible for. If I have annoyed anyone, made anyone consider what's "been said, or made someone wish to have a civilised ( or heated ) argument with me at HQ, my job has been done,

Martin \_ Rollins, G8EZF, Deceased : -

It is my sad duty to officially record Martin's death, on 8th November 1974, in Papworth Hospital. His distinctive voice will be missed by all who have ever had any doings with two metres.

The Committee have promised all necessary help to dispose of his radio equipment to the benefit of his wife.

Callsigns to Listen For: The following prefixes have been allocated provisionally by the ITU.

C5A - C5Z Gambia ( Republic of )

C6A - C6Z Bahamas (Commonwealth of )

Anyone who can receive Ten metres may like to listen for a new low power beacon, operating on 28.150 MHz from Stateside. It identifies itself in CW as " Beacon de WAIIOB. Reception reports are requested by

L J Umina  
Chestnut Street  
Hopkinson, MA 01748

USA

The International VHF-FM Guide: -

This recently published booklet gives up to date information concerning reciprocal licensing and EM repeater operation in 13 countries of IARU Region One and also the USA. The QRA locator system and the IARU 511 channels are also explained. Copies may be obtained from

Julian Baldwin, G3UHK,  
50 Aldbourne Road  
Burnham  
Slough SLI 7MJ

The cost is 25p + 5p postage. This looks like an interesting thing to get hold of for 30p, if you are interested in repeaters.

Malta on Top Band »-

Maltese stations may now use I60m on a secondary basis, if they write to their Chief Inspector of Wireless Telegraphy for permission. This could give some hope of a medium - DX new country on Top Band»



ANYTHING CAN HAPPEN

IF YOU ATTEMPT

TO MISUSE THE REPEATER

UBA Cartoon.

The C&DARC Cumulative Contest :-

A reminder that the Contest ended at 2400 GMT on 18th February, PLEASE get your entries to G3YRZ, 8 North Street, Burwell, Cambridge CB5 0BA by first post on 4<sup>th</sup> March AT THE LATEST.

The prizes are well worth having :-

- VHF Section.....The Granfield Trophy
- HF Section.....ARRL Antenna Handbook
- Listeners.....Amateur Radio Techniques by G3VA

Foul rumours have been circulated that some rules are not sufficiently explicit. It is agreed that VHF Power Multipliers are extremely difficult to apply if varying powers are used.

AMMENDMENT TO RULE 3 c) v). " The Power Multipliers are to be applied to individual contacts."

It is also worth re - stating that no form of verification of contacts will be called for.

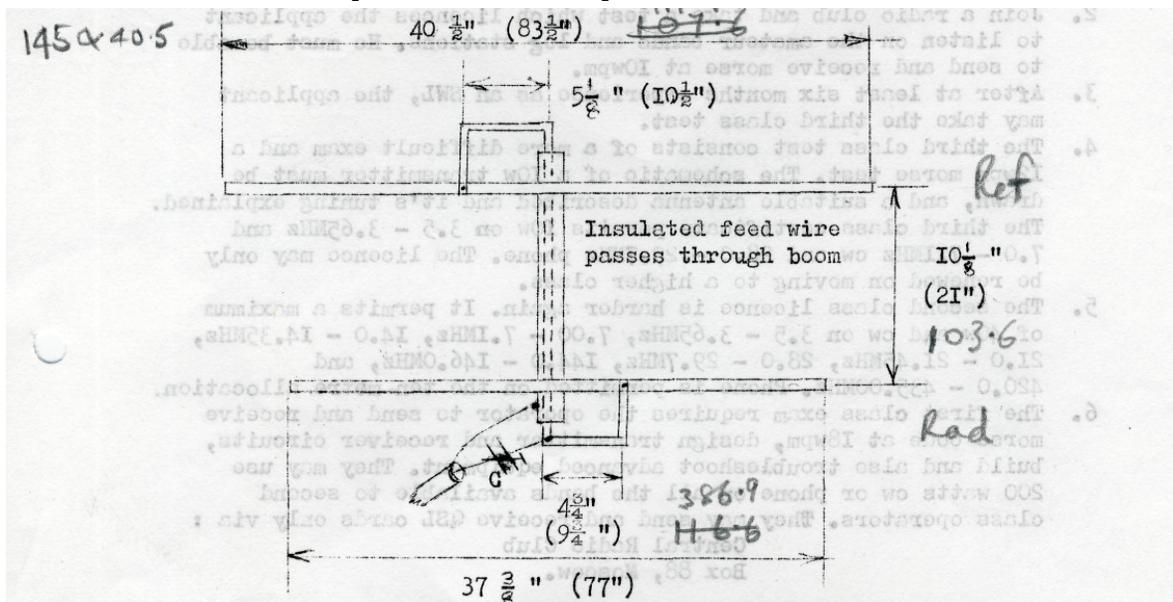
Scandal: -

G8FBF has a Liner 2; Roy Durrant has a License ( G8KAA - Congratulations, Roy. )

There are now an equal number of Class A and Class B license holders, in the Club. Who is first to take the Big Bad Morse Test ?

HB9CV Antenna: -

Below are given dimensions for the HB9CV two element beam for two or four metres. One of these has been made, and seems to work. Obvious applications are as a DF antenna for Foxhunts, portable, and repeaters.



Dimensions are given for Two metres, those for Four metres appearing, in. "brackets, C is a 3 to 30 pf beehive trimmer, which may need to be larger in the four metre version. The trimmer should be tuned for maximum forward gain, which should coincide with minimum SWR. The elements and boom may be of any diameter, and the elements should be welded or bolted firmly to the boom. A maker of the Two metre version claimed a gain, of 8db, and a front to back ratio of 21db,

Inside the Iron Curtain

The following information has leaked out, comrades. ....  
Prefixes in the German Democratic Republic

Prefixes in the GDR are DM usually, and DT occasionally.

DM2 + 3 letters are individual stations.

DM3, 4, 5, 6 + 2 letters are calls of clubs,  
+ 3 letters are calls of club operators,

DM7 - special calls,

DM8 - occasional stations.

DM9 + 3 letters are stations of licensed foreign citizens,

DM0 - special club stations.

Still inside the Iron Curtain .....

Amateur Radio in the USSR

It has been stated that the Soviet Union has some of the world's most skilled radio amateurs. Credit for this goes partly to their Government, which sets high standards, and offers surplus equipment, technical information and attractive awards as incentives.

Today the Soviet Union's amateurs number over 15,000, of which 10% are female operators. To become an amateur in the USSR,

the procedure is : -

1. Complete a basic electronics course.
2. Join a radio club and take a test, which licences the applicant to listen on the amateur bands and log stations. He must be able to send and receive morse at 10 wpm.
3. After at least six months experience as an SWL, the applicant may take the third class test.
4. The third class test consists of a more difficult exam and a 12wpm morse test. The schematic of a 10w transmitter must be drawn, and a suitable antenna described and it's tuning explained, The third class certificate permits 10w on 3.5 - 3.65MHz and 7.0 - 7.1MHz cw and 28.0 - 29.7MHz phone. The licence may only be renewed on moving to a higher class.
5. The second class licence is harder again. It permits a maximum of 40w and cw on. 3.5 - 3.65MHz, 7.00 - 7.1MHz, 14.0 - 14.35MHz, 21.0 - 21.45MHz, 28.0 - 29.7Mz, 144.0 - 146.0MHz, and 420.0 - 435.00MHz. Phone is permitted on the ten metre, allocation.
6. The first class exam requires the operator to send and receive morse code at 18wpm, design transmitter and receiver circuits, build and also troubleshoot advanced equipment. They may use 200 watts cw or phone on all the bands available to second class operators. They may send and receive QSL cards only via :  
Central Radio  
Club Box 88,  
Moscow.

And now for something Completely Different .....

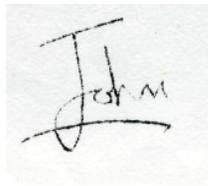
The Son in his Heaven.

Sir Hubert hath a handsome son, all beads and long fair hair.  
Quoth he, "By halidom, this lad doth drive me to despair.....  
A daughter sweet would crown my years with overwhelming joy,  
but this, in sooth my offspring, is supposed to be a boy!"  
But then around came Field Day; the joint began to jump  
as wire and tents and poles arrived, the place looked like a  
dump.

Sir Hubert crept into the grounds, whence fled were beast &  
bird,  
and on his lordly ears there fell full many a manly word  
Foul oaths were bandied right and left as aeral's were erected,  
the loudest from Sir Hubert's son ( as might have been  
expected)  
The old chap cried, "My son's a man! His energy is tireless!  
A father proud I am today - Thank Heaven for the Wireless!"

G3PAZ, 1969.

And with that, ladies and gentlemen, I shall take my  
leave.

A handwritten signature in black ink on a light-colored background. The signature is written in a cursive style and appears to read "John M." with a long horizontal stroke extending from the end of the name.

John Follows, G3IHZ,