

G8WDC/P



Metropolitan Borough of Wirral

Club meetings are held at 8 p.m. in the Dining Room (adjoining the bar) of the Concourse Sports Centre at West Kirby. Visitors are always welcome at the club - admission free, just tell the cashier at the entrance that you are with the radio club.

Further details are available from the Hon. Secretary :-

Ian D. Brooks
28 Paignton Road
Wallasey
Merseyside
L45 6TT

Telephone:- 051-639-5666

FUTURE EVENTS

- 7 Oct. Committee Meeting &
D & W - The Red Cat, Greasby.
- 20 Raynet Meeting.
- 14 Satellite Communications - Video Tape
Lecture.
- 21 D & W - The Green Lodge.
- 28 R.N.L.I. Lecture/Film Show.
- 4 Nov. D & W - Hotel Victoria, Heswall.
- 11 The World of Amateur Radio - ARRL Film.
- 18 D & W - The Harp.
- 25 Social Evening & Certificate Presentation
by President of RSGB.
- 2 Dec. D & W - The Seven Stars, Thornton Hough.
- 6 144 MHz Fixed - Club Contest.
- 9 Chairman's Night.
- 16 D & W - Shrewsbury Arms, Chester High Road.
- 23 D & W - The Wirral Hundred, Oxton.
- 30 D & W - The Green Lodge
- 6 Jan. D & W - The Railway Inn - Meols.
- 13 A.G.M.
- 20 D & W - The Primrose, Liscard
- 27 Film Night (Film from G.P.O.)
- 3 Feb. D & W - The Seven Stars, Thornton Hough.
- 10 Junk Sale.
- 17 D & W - The Red Cat, Greasby.

NOTICE

4th Annual General Meeting of the Wirral and District
Amateur Radio Club

I give notice that the 4th Annual General Meeting of our club will be held on Wednesday, 13th January 1982, at 8 p.m. in the dining room of the Concourse Sports Centre, West Kirby.

Nominations for club officers and committee should be given to the Secretary by 7.55 p.m. on the evening of the A.G.M. (see back of newsletter).

Ian D. Brooks
Hon. Secretary

W & D.A.R.C. 4th Annual General Meeting ,
Agenda

1. Apologies for absence
2. Minutes of the 1981 A.G.M.
3. Chairman's address
4. Treasurer's report
5. Adoption of reports
6. Setting of membership fee for 1982
7. Election of officers and committee members for 1982
8. Any other business (limited to maximum of 30 minutes).



This year the club's committee has taken a slightly different format to past years :-

J. Fogg	G8 UZZ	Chairman
I.D. Brooks	G8 PMW	Secretary
M. McIntosh	GW4IEQ	Treasurer
G. Stamp	G8 NNS	Contest Manager
J. Mills	G8 NOY	Publicity Manager *
R. Welch	G8 NDD	Social Secretary *
S. Harry	G8 WOF	Bellevue Organiser*

* ordinary committee members

Several of the members this year will be standing down including your truly, the Hon. Secretary, after a two year term of office. These resignations are due to outside pressures and also to enable the newer members to take office and guide the club in the direction they want.

If you have never stood for office before - don't worry the jobs as committee members are relatively easy and the committee is a team of 7 people so you're not on your own.

As for only having recently become licenced and joined the club and not wanting to inflict your youth on the "old timers", I had only been a member of 4 months and licenced for 5 before I was nominated and elected as Secretary. So don't be shy - have a go. If you think you might want to stand or wish to hear more about the amount of work etc. give us a ring.

Edited Extracts from Club Committee Minutes

The club's books, including the committee minutes, are normally available on club nights for inspection by any member.

17th June

70 newsletters and 60 address lists printed at a cost of £19. 91. - most distributed by hand, balance posted at cost of £2. 87½.

2 applications for membership approved.

15th July

Club has obtained an A class licence G4MGR

A further 25 copies of the newsletter had been donated to club.

4 applications for membership approved.

16th September

Chairman has agreed to remain in office, only problem is with the night of the committee meeting. Committee agreed to change nights.

Secretary offered his resignation due to his being unable to attend future club or committee meetings, owing to a course at Liverpool Polytechnic. Committee requested that he remain in post until the AGM - he agreed to this.

Junk sale on 9th September raised £9. 56. for the club's funds.

4 new applications for membership approved - membership now stands at 72.

Rules for 144 fixed contest approved.

Sue & Ian '86' Shield

In order to encourage friendly rivalry amongst club members, Sue & Ian Brooks have offered a Shield to the club, to be awarded annually to the station with the highest score in the RSGB 144 fixed contest.

In order to take account of the problems of relatively low power stations who are down near the coast, and thus cut off by the hills of the Wirral, there are several modifications to the RSGB rules.

- 1) Except where indicated below, the RSGB rules will apply.
- 2) Only the licensee station can be used, no /p or /A will be allowed.
- 3) All logs must reach the Secretary by 16th December and must be accompanied by the signed declaration as shown over. (Contest log sheets are available from G8 NNS or G8 PMW).
- 4) Station must be operated by licence only - can be aided either by a computer or another member (intended to help train new licencees and S.W.L's) but not both.
- 5) Power Penalty. This is to be calculated by taking the actual power out from the rig/linear (not manufacturer's spec.) and multiplying it by the number of elements in the aerial.

5 watts into Slim Jim = 5
5 " " 5 element yagi = 25
5 " " 5 xy = 25

0 - 50	x 2	701 - 1000	x 1.4
51 - 100	x 1.9	1001 - 1300	x 1.3
101 - 200	x 1.8	1301 - 1700	x 1.2
201 - 300	x 1.7	1701 - 2100	x 1.1
301 - 500	x 1.6	2101 →	x 1
501 - 700	x 1.5		

6) Height Penalty. This is based on the height of the aerial above sea level.

0 - 50 ft	x 2	401 - 500	x 1.4
51 - 100	x 1.9	501 - 600	x 1.3
101 - 150	x 1.8	601 - 700	x 1.2
151 - 200	x 1.7	701 - 800	x 1.1
201 - 300	x 1.6	800 →	x 1
301 - 400	x 1.5		

If you are not sure how to score your contacts please give Graham G8 NNS or Ian G8 PMW a ring.

WIRRAL & DISTRICT AMATEUR RADIO CLUB

RSGB 144 MHz Fixed Station Contest

The station was located at _____

_____ and was operated by

_____ aided by

Maximum power used _____ watts. Number of
elements on aerial _____. Height of aerial
above seal level _____ feet.

My score according to RSGB rules was _____

Signed _____

Approved RSGB log sheets should be used. Copies can be obtained from G8 NNS or G8 PMW

PUZZLE PAGE

THE HIDDEN WORDS ARE:

- CHINA
- COMOROS
- CROZET
- GLORIOSO
- MALPELO
- CHAD
- MELLISH
- KAMARANS
- EURMA
- TOKELAUS
- TUNISIA
- BOUVET
- YEMEN
- NIGER
- GIBRALTAR
- IRAQ
- TOGO
- SPRATLY
- ALBANIA
- BHUTAN

NKOCBEMENCNKAKA
OVMTCXMGWETHA
LHONZVITNMEGTA
FKHLENTUISGIA
FRARNTGGOVIA
ESTOZNYCEYTH
GTSNARAHKHN
CLGVGIDHGHM
IPOPOTCIETNE
EMGRFQAINABLA
KGORIGIAAKOY
HTTANNOZUCZ
H7DTPMPSKQGM
PSUULEXPFOYEA
XBNAHTUHBNLE
IALRNTUWUEIT
EVCBNOIKVHIA
MEFYIKCOHGFV
YHJGTEGHEIA
GKMKMENDUPD
VAVO



"CAREFULLY REPLACE SMALL GRUBSCREW
IN CAPACITOR DRIVE"

Did you know that :-

The first music programmes transmitted regularly in Britain were by a Radio Amateur?

The first radio programmes transmitted to the colonies were by a Radio Amateur?

The first chief engineer of the BBC was a Radio Amateur?

When the Japanese attacked Pearl Harbour, an experimental radar station gave warning of the plane's approach, but was ignored: one of the operators was a Radio Amateur?

A raiding party was put ashore on the french coast to capture the essential parts of a new German radar station - the technician who removed the components was a Radio Amateur?

Shall I Ever Get It Done?

I hoped that my range would be increased by some miles
By the YAGI that lay at my feet on the tiles
The rain had just started I must mind I don't slip
As I enter the mast in the uppermost clip
Then up from the garden I hear my wife call
"You'll have to come down (and mind you don't fall)
Leave that bit of a job and come and help me
You'll have to go out and get chips for our tea"
So you single young people, just show sympathy
For the poor henpecked husbands

LIKE CHARLIE AND ME

ODD NEWS ITEMS

The Eileen Medley Challenge D.F. Hunt which was held on 8th July was won by a team led by G8 UZZ - G8 WWF reached the fox first by a matter of seconds but unfortunately for him, he had not paid his membership fee. He has now corrected this fault in his Direction Finding and will no doubt be out next year to take the cup away from the UZZ team.

The best effort of the evening was from G8 IVW who took a beam heading from his home and then rode round on his pushbike with a portable rig in his saddle bag.

Congratulations also to the SWL who found us.

As was reported in the last newsletter, J. Fogg had his arm twisted by yours truly and was nominated for the position of RSGB Area Representative for the Wirral - he has now been conformed as your area rep., so now's your chance to give the RSGB your ideas.

The Revenge D.F. Hunt was held on 12th August and this was won by a team led by our Dolly operator - G6 ADO - rumour has it:

that their D.F. device was a triple M mounted on the car bonnet. The stations location for those who could not find it by the MMM style was the back door of the Wirral Hundred - that well frequented pub!

The first person to find the fox was, in fact, a local CB operator to came to ask about Amateur Radio.

Unfortunately, the rules for the McIntosh Trophy are not available for this newsletter but please put the finishing touches to your electrical and mechanical project.

A SERIOUS NOTE TO ALL OUR MEMBERS

Our club uses S13 a great deal as we all know. The chat is varied, consisting of serious as well as humourous, and we wouldn't like it any other way.

However, one thing is causing concern; this is the increasing amount of swearing and slang words being used by some members when on the air and transmissions by an unlicensed operator.

Our club has a good name - we also provide services to other Radio Amateurs in the form of RSGB Area Representation, RAYNET controller, NRSA representatives, GB2RS and GB2ATG news services. All of these are supplied by club members and the club is associated with these services.

It would be a shame if our good name was lost because of bad language and poor operating procedures.

We appeal to all members to continue to enjoy the hobby of Amateur Radio Club but to refrain from using language etc. which may invite criticism.

WIRRAL RAYNET - CONTROLLER G8 PMW

The Radio Amateur's Emergency Network, known as RAYNET, is a national body of radio amateurs organised on a county or area basis to provide communication facilities during emergencies for the police, County Emergency Officer, British Red Cross and St. John's Ambulance Brigade.

The major reason for having a local RAYNET group is that it is only being a member of such a group that the user services will be aware of your existence and willingness to help.

In the last few weeks we have been quietly active - offering our services to the Merseyside Police when the Birkenhead Exchange were unable to put 999 calls through to the Birkenhead Police Station, due to a break in the GPO cable, an offer that was lodged in Liverpool Control Room in case any calls arose which could not be dealt with over their own frequencies. Also we put two mobiles on standby to help with the Bolton Marathon in case the local Raynet group were unable to provide sufficient cover. These mobiles were stood down 24 hours before the event and the local controller expressed his thanks, since it made his job easier, knowing that he had another group to fall back on in case of problems.

The same facility has been offered to the new GMC Raynet group for the Manchester Marathon on 18th October. They have been asked to provide 17 mobile stations - one at each first aid post and a portable station in each of the 11 ambulances as well as a control at County Hall. Quite a considerable effort and these marathons appear to be coming up approximately every 4 weeks or so.

To date we have not been asked to provide any cover for the Wirral Marathon - the emergency services are aware of our existence and no doubt if they want our help they will ask. I believe that in fact the local A.T.C. unit has been called on (led by good old Uncle Bob - alias XEX).

Our next meeting will be at 8.00 p.m. on Tuesday, 20th October, at the Railway Inn, Meols, when amongst the items we shall be discussing will be the establishment of a Raynet Radio Net. Also a short talk will be given on map reading techniques - will not only help you for Raynet but may help you find the fox in the next D.F. Hunt.

Members of Raynet should find a letter from the President of the RSGB enclosed with this newsletter (if they do not get one please yell!)

GB2 RS & GB2 ATG

For those who may not know, GB2 RS and GB2 ATG news bulletins are transmitted by Malcolm GW4 IEQ each Sunday morning. GB2 RS is run at 11 a.m. on 145.525 MHz (S21) and GB2 ATG is run at 12.30 p.m. firstly in FSK then a re-run at approximately 12.50 in AFSK on 144.60 MHz.

The reserve reader for GB2 RS is Graham G8 NNS.

QSL cards for GB2 RS are available from the newsreaders on receipt of date, time and signal reports. An SAE is required for sending via post, otherwise cards are sent via the QSL Bureau.

At present there is no reserve newsreader for GB2 ATG - Any Offers?

FOR SALE

Mobile Log Book - all proceeds to club 20p each.
Contact GW4 IEQ, G8 PMW, G8 UZZ.

Cross A centipede with a parrot and you'll
get a walkie-talkie.

Hon Sec has the following publications if any member
is interested :-

1 ARU Region 1 Conference Report
UOSAT Technical Handbook - Oscar 9
Home Office Performance Specification for 27 MHz
+ 934 MHz.
radio equipment for use in the CB radio service.

Copies of a letter to all Raynet members from
President of RSGB.

WANTED

Loan of "Song for Guy" by Elton John for a couple of
days - either tape or record, GW4 IEQ.

WANTED

Meeting place for radio club 2nd & 4th Wednesdays.
Good surroundings, preferably with a bar (with better
beer than Concourse preferable) Ideas to the Secretary
or any committee member.

Problem is that Concourse will not guarantee booking
of Dining Room and has retrospectively put up the hire
charge, so we have a bill for £74. 50. Don't panic,
we're not moving just yet but committee would like to
book for alternatives before booking the room from
March 82 onwards, but we need to act NOW!

It is rumoured that :-

A certain club member has recently perfected his skill in wrecking gearboxes while you wait - Fords a speciality.

By the time you read this, ENK will probably be on his way around the world again - his arrival in home waters was noted by hissing and booing. The tunnel defect has no doubt been greatly reduced, going by the never ending arrangements being made on Sl3 as to "where we're going for a pint at lunch time/tonight" and "are we going for a meal".

Quotable quote:

ENK "I'm just arriving in the road I'm in"
Could this be stag lag?

If you do not get a reply to your CQ call on Sl3 you should first check that you have, in fact, got a rig connected to your mike.

CGF - that goes for the RSGB news from IEQ land as well (though it is claimed that this was, in fact, a technical fault due to the 10 acres of rigs, 5 miles of wiring and 14 mikes).

N.B.

Those members of the club who have recently gained new call-signs, changed their addresses or joined or left the RSGB:

PLEASE can they give the Secretary a note of this in writing. It is essential that the club's records are kept up-dated in order to ensure that you receive your newsletter and that the club's contest entries are, in fact, correct and that we do not get disqualified by allowing no members of the RSGB to transmit.



LEICESTER OR DONINGTON? THE CHOICE IS YOURS

The A.R.R.A. (Amateur Radio Retailers Association) has moved its annual exhibition from Leicester to Donington, and to this new venue has chosen not to invite various well known retailers who have at one time or another fallen out of favour with certain prominent A.R.R.A. members.

♦ ♦ ♦ ♦

Is it perhaps a coincidence that some of those excluded have been active in importing direct from Japan particular brands and products which have for long been in the hands of a "sole importer"? Was it that fact alone that disqualified them? Or was it that by breaking up a cosy monopoly situation these retailers have been able to offer keener prices to the customer and maintain standards of after-sales service?

♦ ♦ ♦ ♦

Whatever the reasons for their exclusion, this small band of independent companies joined together and agreed to exhibit at Leicester as usual, also inviting other traders who had not had the opportunity to show their wares in the Granby Halls before. So now the Leicester Exhibition will be bigger and better than ever, with new names, new faces... and some familiar ones as well, including even a number of A.R.R.A. members who are prepared to stick their necks out in the cause of free competition.

♦ ♦ ♦ ♦

In recent issues of RADIO COMMUNICATION there has been a lot of correspondence attacking the discrepancy between equipment prices in the UK and elsewhere in the world. As long as there are "sole importers," without competitive pressures, this situation will continue to exist, so now you know at which Exhibition YOUR interests will be better served.

♦ ♦ ♦ ♦

At Leicester we will play it fair and play it straight, and we won't be playing Monopoly!

**WHICH EXHIBITION WILL YOU
BE GOING TO?**

♦ ♦ ♦ ♦

LIST OF EXHIBITORS AT LEICESTER EXHIBITION, GRANBY HALLS, OCT. 23/24/25 1981

GEMINI (London)
PACKER
D & S
DISPLAY ELECTRONICS
J. PETERSON
WESTBROOK ELECTRONICS
S.G.S.
GEMINI (Blackburn)
QUARTZLAB
J.M.G.
BREDHURST
ACE MAILTRONIX
J.H. TOWNEND
M.K. ELECTRONICS
A.H. THACKER
RADIOTRONICS
WESTLAKE
C. WILSON & SOTA
D & M HUMPHRIES
GREENS TELECOMMUNICATIONS
CATRONICS
ARROW
NORTHERN COMMUNICATIONS
EUROVER
GAREX
MICROPRINT
R.J. FINCH
AMATEUR RADIO EXCHANGE
BEDFORD AUDIO
MICROWAVE MODULES

J.P.S. ELECTRONICS
CRAYFORD
DALES KEYCODE
R.S.G.B.
R.A.I.B.C.
BRING AND BUY (Leicester Radio Society)
MODELRAFT
LEE ELECTRONICS
C.Q. CENTRE
AMATEUR ELECTRONICS
WESTERN ELECTRONICS
CHORDGATE
MARCO TRADING
PETER AVILL
S.E.M.
B.N.O.S. ELECTRONICS
MINIATURE TOOL CO.
B.A.R.T.G.
A.M.S.A.T. UK
FISHER PRODUCTS
LINWAY
L.B. ELECTRONICS
OX AUDIO
SWIFT ALARMS
CHRIS MOULDING
RADIO AND ELECTRONICS WORLD
TIME STEP
ELLIOT ELECTRONICS
LEICESTER REPEATER GROUP



WHAT?

The NEW Leicester Amateur Radio Exhibition. That's what.

WHERE?

The Granby Halls, "as usual," but with improved facilities including new catering arrangements, easier car parking and quicker admission. That's where.

WHEN?

Friday, Saturday, Sunday, 23, 24, 25 October 1981, 10am-6pm Fri/Sat, 10am-5pm Sun. That's when.

WHO?

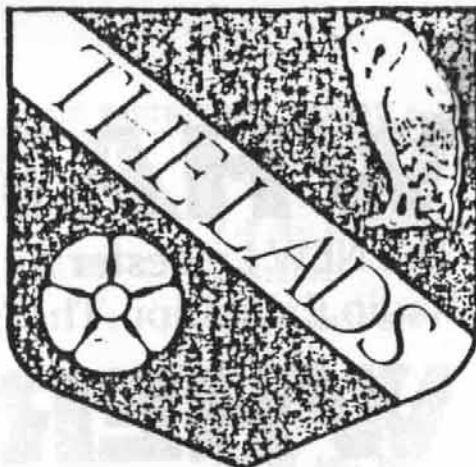
At this independent show you will find some of the best-known retailers in the country. You will also find many specialist traders not previously invited to participate at Leicester. This way you'll have a real chance of finding the rig you want – at a keen price too – and also some of those awkward bits and pieces you're always looking for and can never track down. That's who you'll see there.

WILL THEY SEE YOU?

With talk-in on 2m and 70cm you can't lose your way!

SPECIAL ATTRACTION
BRING AND BUY TO BE RUN
BY THE LEICESTER AMATEUR
RADIO CLUB.

G
S
W
Y
R



G
L
A
D

LEEDS AND DISTRICT AMATEUR RADIO SOCIETY

c/o Old Hall Golf Club, Woodhall Lane, Pudsey, West Yorkshire

Club Secretary,
21, Warrels Place,
Bramley,
Leeds, LS13 3NS.

Tel: Pudsey 567702

25th August 1981.

Dear Fellow Member,

Christmas Rally

On Sunday, 13th December, it is our intention to hold our Christmas Rally and we would like to cordially invite all members of your Radio Society, YL's, XYL's, junior ops. and other interested persons, to spend the day with us.

The venue will be the Pudsey Civic Centre at Dawsons Corner which is a large, modern building with excellent catering, bar and display facilities. It has a very large car park adjacent, is on the main bus routes from Leeds and Bradford and is only two minutes walk from New Pudsey railway station.

Together with the usual selection of amateur radio equipment there will also be a number of 'non radio' stalls which we hope will appeal to YL's and XYL's.

The Rally will commence at 11'o'clock and there will be the usual talk-in on S22. Should you require any further information please contact the undersigned or QTHR G3YEE. We look forward to welcoming your members.

Radio equipment makes a super Christmas present !!

Yours sincerely,

Chris Gledhill,



Ground Control
 Alfreda Ave.,
 Hullbridge,
 Essex SS5 6LT.
 Southend 230324

**Manufacturers and Distributors of
 Electronic and Electrical Equipment and Components**

Dear Club Secretary.

We are writing to you with an offer of 4II6 memory devices for the benefit of your members.

On offer are ceramic package 4II6 with maximum access time of 250 nS. This speed is suitable for most home computing and some business computing applications. These devices are full specification, brand new and guaranteed.

The prices are as follows;

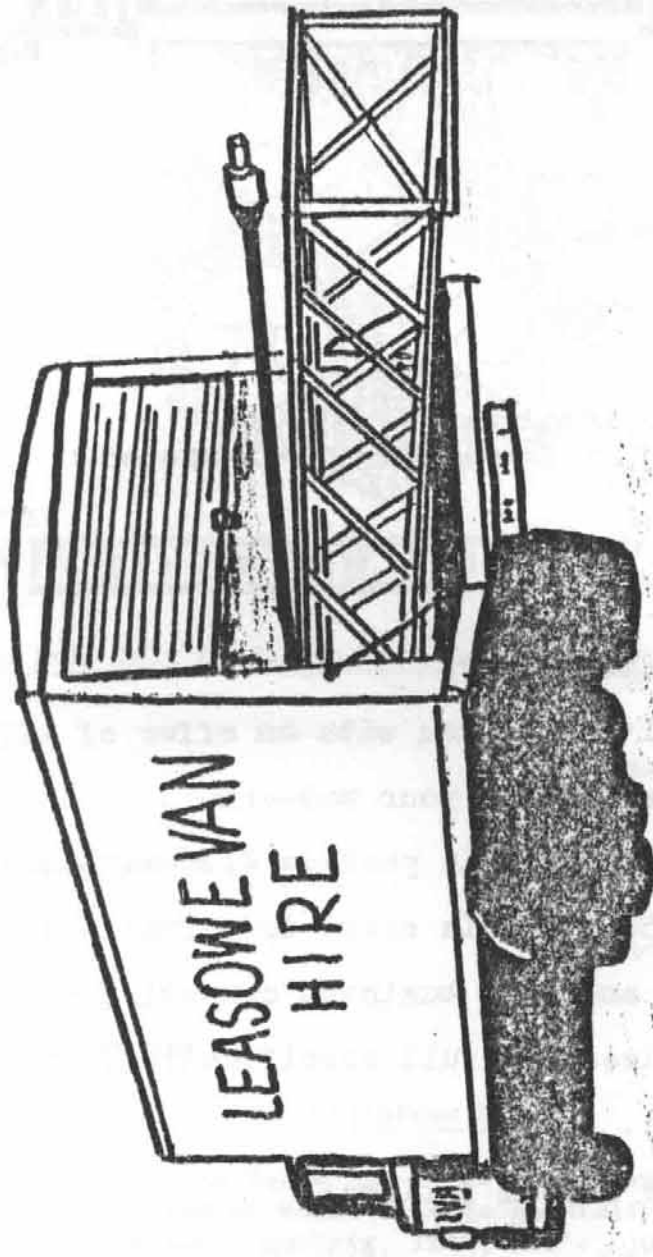
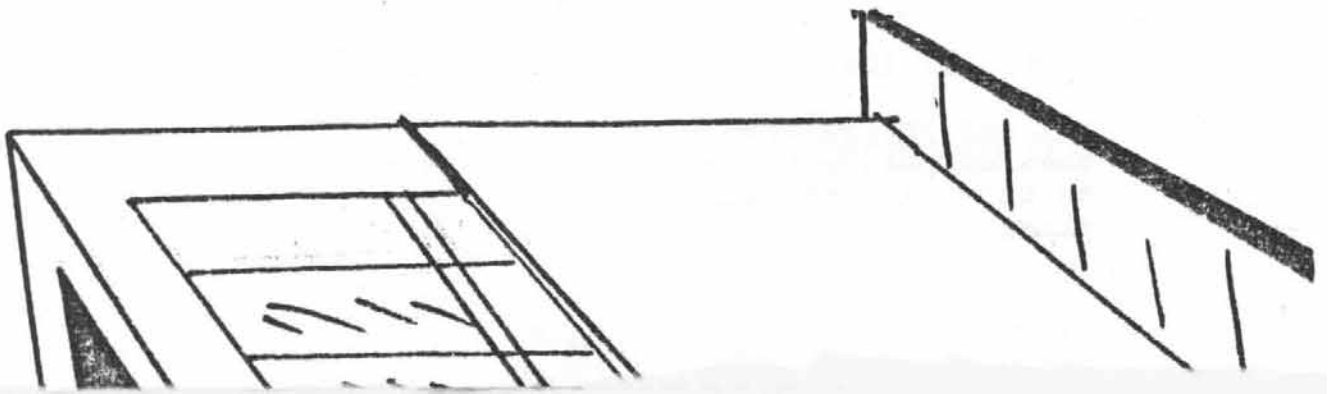
16k (8 ICs)	£14.00
32k (16 ICs)	£27.00
48k (24 ICs)	£40.00

Also on offer some other devices suitable for constructors;

Z80 2.5 Mhz	£7.00	Range of Hansen multimeters
Z80 PIO	£6.00	at competitive prices.
6800	£6.50	Sinclair test equipment.

Plus a small selection of other LP Shottky TTL and other interface ICs, please send SAE for list.

All our prices are fully inclusive, please bear this in mind when comparing prices. For orders please send cheque or P.O to above address and goods will be dispatched same day by 1st class post.



ENTRY FOR THE CONSTRUCTION COMPETITION!

RADIO AND THE AIR TRAINING CORPS

J.B. Johnson G3 JJW

By the help of keen amateur radio people, the Air Training Corp. has a very fine radio network, surplus equipment is supplied by the R.A.F. but condition is very poor.

A lot of work has to be put into making the equipment work, such as repair to U/S sets, obtaining connectors, making up of power supplies for units.

The Air Training Corp. is split into three sections for radio communications. Roughly they are from the east side of Scotland down to the Midlands and Anglia. From Kent to Cornwall covering the South of England. Then from the Bristol Channel, Wales and the West side of England.

There are still lots of ATC Squadrons that have no radio equipment or instructors. So if you think that you can help Cadets in enjoying our hobby, why not look your local ATC up and give a hand. One thing is for sure - it's hard work to keep the equipment working and in finding equipment, but then to an amateur it's a piece of cake. Modes of operating these days are phone only, AM or SSB.

We can also use CW, but only for the keen types. There is an interest in RTTY, which two stations are about to use. Having obtained the equipment from private sources and R:A.F.

There is one operator in the Rafars net that has joined his local A.T.C. by talking to a member of the A.T.C. on the Rafars net. There are a few members that are A.T.C. Radio Instructors. So why not go and help your local A.T.C.