

CHELMSFORD AMATEUR RADIO SOCIETY.
NEWSLETTER NO. 174.

August 1980.

Next Meeting.

This months meeting is a lecture by Joe, J3AJS about RTTY. Joe is one of many amateurs using this mode of communication, and is coming to show those of us who do not possess a teleprinter what it is all about. There will be a practical demonstration, so be at the Marconi College, Arbour Lane on Tuesday 5th August at 7.30 p.m. and learn about RTTY.

Committee Meeting.

Wheatsheaf, Wednesday August 13th, all welcome.

Last Months Meeting.

Dick and Chris gave a very informative talk on the 1296 MHz band. Techniques used are totally different from those used on the lower bands. Can you imagine etching inductors for top band on a piece of PCB ? its possible on 1296. Valves and semi-conductors and indeed most components are specially manufactured. Not just any old component will do, as losses are so high at these frequencies. The evening was rounded off by a short contact across the room on 1296 MHz. Thanks once again Dick and Chris for a very enjoyable evening.

News of Members.

Tony Dix G5IX retires from the Marconi Company on Friday 1st August and will shortly move from the Chelmsford area. The Society wish Tony a long and happy retirement and take this opportunity to thank him for his invaluable assistance to the Committee over many years. In his capacity of Vice President he has offered a helping hand wherever it was needed, in particular with the inauguration of DF hunting in Chelmsford.

Arthur Wreford G3EHZ has recently received some minor circuit adjustments in hospital and is now convalescing at home. The society wish you a speedy recovery Arthur.

Visit to P.H.Q.

There are some members who have not yet confirmed they are available to go to P.H.Q. on Sept. 16th. If they do not contact me their places will be offered to other members of the club who would like to go.

Raffle.

The raffle is being well supported, well done lads (and lasses) keep it up. The raffle does produce a worthwhile contribution to club funds. There are always very good prizes to be won, so please continue your support. This month there is an added bonus for the raffle, as the orange tickets given free when you buy a strip of 5 tickets will be drawn. The prize for this is a "Radio Communications Handbook". If you have not yet got your orange ticket, see Bernard at the next meeting.

R.S.G.B. Area Representative

As mentioned in last months neswletter we need a new Area Rep. Les, G4CUT has offered his services and has been nominated by G8DET, G3PMX, G3KTF, G3KRZ and G8KQE.

Woburn Trip.

Unfortunately the proposed trip to Woburn Rally has been cancelled. Although there was a fair sized party only 5 were club members and your committee felt that it was not a viable proposition to subsidise the coach, as it would have had to do for so few club members and so many non-members. Thanks to those who did offer their support, and we look forward to running a coach next year.

D.F.

Decisions, decisions, A Saga of events by G3WHR.

It all starts with a piece of paper. An invitation from Eric Mollart to run a National D.F. Qualifying Event on behalf of the R.S.G.B. Decision 1 is required immediately - When ? A number of dates are available and all organisers submit 1st, 2nd and 3rd choices. Hardest of all are the early months when there's not enough green cover to hide a transmitter - let alone the operator. This year we were fortunate in getting our first choice, June 15th.

Decision 2 is more difficult. Even with plenty of green cover, the choice of site demands a skilled eye, plenty of scouting, and the co-operation of the natives. Almost every spot of green on the map belongs to somebody, and shooting is very popular in Essex; choose wrong (it has happened) and you can be looking at the wrong end of a shotgun !

Decision 3 requires knowledge and a certain degree of sadism. The aerial is the most important part of the DF station. It is capable of leading competitors direct to the transmitter; but if carefully designed, it can also lead them through nettles, thornbushes, rivers, etc., persuing false bearings and incorrect senses. An additional element of fun/security can be obtained by erecting dummy aerials in the more obvious locations.

However much guile and inspiration is put into the hidden stations, such is the quality of todays competitor that they will soon be found. Competitors early in the list will have the satisfaction of qualifying; however, those who arrive too late have now to be placated before they do the organisers a mischief. Decision 4 is to have a good supply of food available at a nearby hostelry, in our case the Prince of Wales, Gt.Totham, where the entry forms can be collected and the winners allowed to tell of their success whilst others tell of their own misfortunes.

Finally, another piece of paper, the official report for publication in the Rad.Com. This years Winner: A.Simmons, Mid.Thames. Qualifiers, Mike Hawkins, Chelmsford and Bill North, Mid. Thames.

This years organisers: Dick Brocks, Arthur Butcher, Pat and Ian Butson.

The results of this months event is as follows :-

1st.	G4FJC	2.40
2nd.	G3WHR	2.54
3rd.	G3KPJ	2.56

4th.	G4JXY	2.58
5th.	G8NMP	3.00
6th.	G8KQE	3.12
7th.	G4CUE	3.13

The hidden station was Geoff G4JJH in Hollybreds Wood, Little Baddow. Next months event will be different, starting on Tiptree Heath on Sunday 20th August at 2.0'clock and using the Colchester and the Blackwater Map. Hidden station will be G4FJC.

Other news.

Fame at last has come to John G8DET and Dick G3KTF. Following a telephone call to me by the Chelmsford Rotary Club John and Dick have been invited to give an after dinner talk about amateur radio to members of the Rotary Club on September 18th.

The C.W. lessons organised by the club last year have certainly proved worthwhile. Out of the five original starters, three carried it through, all passing the morse test first time. Mike ex - G8DNO is now G4JXO, Dave ex - G8SZN is now G4JXY and Andrew still G8KQE has reserved a special call for issue in a few months time. Our grateful thanks go to Arthur G3KPJ and Dick G3KTF for their time and effort over the past few months in brainwashing the Class B's to the Class A way of life.

We are hoping this year to change the image of the "Junk Sale". Items of value can be put separately from the "Junk", and as such will be auctioned differently. The club will take its usual 10% of proceeds of small items, but will only take a negotiable donation from the sale of items of considerable value. This year there will also be a commercial table at the "Junk Sale", and the club will take a small percentage of sales made at this table. So just another reminder to get those shacks cleared out for the A.G.M. and Auction on October 7th.

70 cm operators will be pleased to learn that GB3ER, the Repeater on Danbury Hill has now been overhauled, and is operating at full strength again. Modifications to the logic circuitry have been done, one of them hopefully to eliminate the fun of the "phantom bleeper". For those not familiar with E.R., it receives on 434.85 MHz and transmits on 433.25 MHz FM. A 1750 Hz tone is required to raise the repeater, but once it is transmitting provided you wait for a 'K' signal, it is then carrier operated with "time out" at present set for 5 minutes.

When Les, G4CUT was in QSO with stations in Chelmsford, Massachusetts about three weeks ago, Bill Smith W4HNV mentioned that he was going to have a short holiday in G land. Arrangements were made and on Tuesday 15th July Bill and his wife Virginia, and their children Chris and Scot arrived at Les's QTH. After Virginia and the children were settled in a local hotel, Les and Bill made a bee-line for the Saracens Head for a meeting with G3KRZ, G3WP, G3BLR and G3NAA. On wednesday Les gave Bill and his family a tour of famous Chelmsford landmarks, such as the Cathedral, Shire Hall, Springfield Green and the Jail, and took them to the top of the Multi-Storey car park to demonstrate GB3ER. Bill had a flight schedule to fit in, and had to leave at about 11.15 a.m. on Wednesday. It was good to have a member of the other Chelmsford club in the area, and who knows, perhaps one of our members may be lucky enough to visit Chelmsford, Massachusetts, U.S.A. one day. Regular skeds are held on sundays at 1500 gmt. on 28960 KHz, 21430 KHz or 14285 KHz or at 2130 gmt on 14285 KHz.

Thats all for this month, see you at the meeting and don't forget the raffle.

73,

Andrew.

Braintree 23821 (Day)
Silver End 83094 (Any other time)
or GB3ER or 144.30 MHz.

9, Abraham Drive,
Silver End,
Witham.

FOR SALE.

8 XY 2 metre beam.	£14.50.
Eddystone 940 RX	£100 o.n.o.
Icom 1C22A	£125.
U450L base, xtalled GB3ER	£50.
PF1 RX and TX + charger,xtalled GB3ER	£40 o.n.o.
2 metre converter	£10
70 cm converter	£10
(Both dual gate Mosfet 12V supply)	
Good cdn. Grundig steonette Dictaphone ($\frac{1}{4}$ " tape)	£15.
Daiwa Marine Monitor RX (6 CH xtalled CH 0 to CH 16 also tunable complete marine band)	£35.
Various bits and pieces, meters etc., offers.	

G8CVI, Apollo, 37, South Avenue, Hullbridge, Hockley, Essex. SS5 6HA
Tel. No. 0702 232215.

STILL FOR SALE.

Pye Base station. Ideal constructors building block.
12 MHz first stage, 3-20A in final. Offers

Creed 7E teleprinter, complete with terminal unit, P.S.U. and
paper - offers.

Liner 2, 2 metre SSB transceiver. As new £120. o.n.o.

Andrew, G8KQE.

WANTED. RB10 pocketfone Xtals.

FOR SALE. RB4 pocketfone Xtals.

Contact G8RBT, Phone Chelmsford 440751.