

CHELMSFORD AMATEUR RADIO SOCIETY

News Sheet No. 3

Meetings

The next meeting of the Society will be held on Tuesday, the first of March 1966, at the Marconi College Arbour Lane, Chelmsford commencing at 7.30 pm.

On this occasion a member of the Eddystone staff has kindly agreed to speak on "Receiver Design" and the talk will also include a demonstration of equipment.

The next committee meeting will be held on Thursday 17th March 1966, at 57 Second Avenue Chelmsford, commencing at 7.30 pm.

News Items

The results of the Society's 80 metre contest are now available. A total of nine entries were received, seven in the transmitting class and two for receiving. The logs indicate that the contest was well supported by members although some of those with only a small score did not send in their results. Anyway, congratulations to the winners and the score board was as follows:-

Transmitting	G3RZP	55
	G3PMX	45
	G3LTF	24
	G3KPJ	19
	G3OET	18
	G3EIX	9
	G2DQ	8
Receiving	Paul Selwood	51
	Jack Keys	17

The prizes will be presented to the winners of the two sections at the March meeting.

Mike Rignall G3OYX tells us that he is moving to Gt. Totham at the end of March, possibly the height above sea level had something to do with this choice.

Peter Blair has now installed a 30 inch dish on the top of his aerial system for 23 cms although the exact time this appeared is not known. Intensive work is also going on with the rebuilding of an HRO receiver, any one engaged on similar activities will be welcome to compare notes with Peter.

We hear from Ray Tunstill G3OET that he is using an OC170 transistor with good results on 28 Mc/s, reports on C.W. signal have been received from as far afield as Romford.

Forthcoming Event

Owing to the popularity of DF hunting in the past, it has been decided to get away to an early start this year by holding the first competition on Sunday, 1st May 1966. Further details will be published nearer the date and in the meantime see that your receiver is on top line. With sufficient support it may be possible to put two stations in the field later in the year.

Peter Naish G3EIX is active on two metre SSB, but conditions have not been particularly outstanding during the past month. Activity on 10, 15 and 20 metres SSB and CW, particularly during B.E.R.U. produced some interesting QSO's in the Far East and Australia. Weekly skeds are kept with his friend VK3VG on 20 metre SSB (now on Long Path so it requires getting up rather early!) All this has not left any time for constructional work during the month.

G3NPM reports that site work on the shack is progressing favourably, what with carpentry, glazing it would seem that there is little spare time.

G3OCM/G3SXX/G3RTF have been busy building 2 metre Yagis (News Letter No.2) and erected at 100 feet for the open contest. The measured gain is 17dB over a dipole which seems very encouraging. Already used in contest as G3JTW/A from Danbury and worked 165 stations, the best being DJ9DL. At present looking for fault in TV does not say whether there is any connection. It seems likely that G3LTF will have some competition on 70 cms before long.

Mike Rignall G3OYX, apart from the problem of moving, has spent three months getting an Electra on top line but finds that it is too large for his new QTH and has very kindly offered to put it up for raffle at the next meeting. Work is at present progressing on a nice B7G type receiver using plenty of IFT's to get selectivity, a note says that valves, IFT's delightfully cheap now everyone else wants transistors!

In contrast G3PDK has built a transistor transmitter for top band, V.F.O. uses OC.171's P.A. broad tuned needing no tuning, dipping or peaking over 1.8-2.0Mc/s with 2 - BU10's on 4 watts A.M. Modulator comprises 2 - OC28's. Reports have so far been excellent comparing very favourably with a 10 watt 807 transmitter and 2 - KT66 modulator.

Roy Martyr G3PMX reports very little activity in operating on 10 and 15 metres due to the high solar noise created by the recent appearance of a large sun spot. G3PMX/P can now be heard on 160 metres in the fine weather on Saturday and Sunday afternoons when the family are out for a picnic in the Essex Countryside.

Items listed in the News Letter are finding customers, Arthur Butcher G3KPJ has sold his viceroy and now busy with a top band portable and DF receivers. Apart from this he has also some rather unusual notes "of heard" on top band!

Finally a brief note from G3UFL who says he is dealing with a problem of a Aerial Tuning Unit but no precise details.