

The next meeting of the Society will be held on Tuesday, the first of February 1966, at the Marconi Colleg, Arbour Lane, Chelmsford, commencing at 7.30 p.m.

The evening will provide two interesting features, first of which will be "Radio Question Time" covering such subjects as Direction Finding or how to find the hidden station in fifty minutes, mobile equipment with its construction and other subjects of topical interest, bring along your queries and we will do our best to answer them. The second part of the programme has been reserved for a "Junk Sale" for which Roy Martyr has kindly agreed to once again act as auctioneer, so now is your chance to reduce some of that equipment which has been gathering dust over the last twelve months!

#### News Items

Jack Keyes has been busy compiling information on equipment manufactured by the Codar Radio Company as a result of his efforts any member placing an order with this firm will now be allowed a discount of 10% plus postage. Any member wishing to avail himself of this concession must however first obtain a covering letter from the Society's Secretary.

H.W. Pope G3HT sends along the following workshop hints.

1. When drilling a hole in a panel or chassis there is a danger of the drill point damaging some component on break-through. This can be obviated if a short piece of tube is threaded on to the drill just before the time of break-through. Several lengths and diameters of tube should be provided to take care of the drills in use.
2. Polystyrene cement for coils etc., can be made by dissolving a few scraps of polystyrene in a bottle of Thawpitt - 6 pieces about the size of a pea is sufficient.

Peter Blair G3LTF suggests a 9 element yagi for those interested in gains of 12db on 144 mc/s. and provides the following constructional details.

Reflector	42"	Spacing Ref. - Rad.	19"
Folded Rad.	39"	Rad. - Dir.	8"
Director 1	36 $\frac{1}{2}$ "	Dir. 1-2	12"
2	36 $\frac{1}{4}$ "	2-3	15"
3	36 $\frac{1}{8}$ "	3-4	20"
4	36"	4-5	23 $\frac{1}{2}$ "
5	35 $\frac{7}{8}$ "	5-6	22 $\frac{3}{4}$ "
6	35 $\frac{3}{4}$ "	6-7	22 $\frac{3}{4}$ "
7	35 $\frac{1}{2}$ "		

Radiator made with 39" pf  $\frac{1}{4}$ " brass rpd, folded part made with 16swg brass wire spaced 1" from  $\frac{1}{4}$ " brass rpd. If desired yagi may be shortened to 4 directors with no appreciable change in VSWR. Feed impedance is 300 ohms.

#### Reminder

Entries for the Chelmsford Amateur Radio Society 80M contest held on 22nd/23rd January must be posted or handed in to the Secretary by 2nd February, your committee request that all entries, no matter how large or small, should be sent in, to help them judge the popularity of the contest.

#### Exchange and Mart

1. For sale ancient "Viceroy" transmitter, no cabinet, suitable for rack mounting, complete with later type power supply with built in control unit as used in recent contest. Best offer or exchange for commercially built portable/mobile equipment for top band or V.H.F.

A.W. Butcher G3KPJ, Rectory Cottage, West Hanningfield  
( 'phone Hanningfield 238)

2. Wanted - two gang condenser, maximum 150 pf suitable for A.T.U. with spacing for 150 watts or alternatively a complete A.T.U. from 80 through to 10 for use with a G5RV aerial system.

R. Tunstill, G3OET, 'phone Chelmsford 4967 (home) or 3656 (business)