

CHELMSFORD AMATEUR RADIO SOCIETY

Newsletter No. 40

Meetings

The next meeting of the Society takes place on Tuesday 1st April, at the Marconi College, Arbour Lane, Chelmsford, commencing at 7.30 p.m. We have pleasure in announcing that Peter Blair G3LTF, will be talking about his E-M-E ('Moonbounce') experiments.

Raffle

A 4CX250B valve and base will be raffled at the April meeting.

Committee Meeting

The next meeting will be held on Tuesday, 22nd, April 1969 at 7.30 p.m. in the "Wheatsheaf", New Street, Chelmsford.

Direction Finding Event

This month we include a separate sheet of general rules for the 1969 season; extra copies can be obtained from the Chairman at the monthly meetings or from the Marshall at the start of Chelmsford events.

In spite of previous discussions, the D/F hunts organised by the Society will, after all, be run on a time basis. Would be competitors are however, asked to read the SPECIAL NOTICE BELOW:

Insurance

It appears that many Insurance Companies will issue a covering note to would be competitors to confirm that their insurance is valid for a D/F event.

However, competitors are reminded that they should ascertain that their vehicle is adequately insured for use in the event. The Chelmsford Amateur Radio Society will not accept responsibility for claims arising out of any mishap to a vehicle or competitor in the event.

The first event organised by the Chelmsford Society will take place on 20th, April 1969, starting at Galleywood Church. G3PMX/P will be the hidden station and G4VF control station. Further events will be taking place in Mid-Essex as follows:

Chelmsford Amateur Radio Society events, 20th April, 18th May, 22nd June, 27th July, 24th August, 5th October. Full details of these events will be published in future newsletters.

Vange Radio Society

4th May, 6th July, 3rd August, starting at 3.00 p.m. from Marconi, Basildon.

Colchester Radio Society

30th March, starting Tiptree Heath at 2.00 p.m. Further Colchester dates will be published as soon as they are available.

It is hoped to run a championship event to include the three Essex Societies, on the 14th of September. Full details later.

D/F Event

The first C.A.R.S. D/F event of the season, a 'Stay at Home' hunt, took place on Sunday, 16th March, with G3OZF/M as the hidden mobile and G4VF, assisted by G3PMW, operating the control station. G3PMX, G3EDM, G3MUO and G5IX took part and the results are as tabulated overleaf.

Station	Error						Total Error
	Plot: 1	2	3	4	5	6	
G3EDM	-42'	-4°58'	-36'	+18°53'	+5°8'	+7°10'	37°27'
G3PMX	+23°12'	+2°48'	-5°55'	-5°42'	+2°19'	+2°21'	42°17'
G3MUO	-15°28'	-15°32'	-10°50'	-3°	+1°45'	+3°53'	50°28'
C5IX	-7°13'	+12°40'	-58°39'	-52°48'	+39°34'	+35°54'	206°48'

Congratulations to all competitors and especially to G3EDM, who wins the prize for this event.

National Field Day

The first NFD committee meeting took place in mid-March and plans are now well in hand for the 1969 event. We hope to operate an all transistorised station on 80, 40 and 20 metres, with a good selection of aerials, including a cubical quad for 20 metres. The use of transistorised gear will enable us to operate using a single car battery for the 24 hour period, which should simplify the power supply problems. Further details of preparations will be included in future newsletters.

The next NFD committee meeting will take place on Monday 28th April at 7.30 p.m., at the QTH of G4VF.

For Sale

£5 - R107 Receiver. Information from G3VCF.

Hon. Editor: J.C. Naunton
7, Langdale Gardens,
CHELMSFORD.

Tel. Chelm: 52168

CHELMSFORD AMATEUR RADIO SOCIETY
DIRECTION FINDING CONTESTS - 1969 SEASON

GENERAL RULES

Starting Point: To be announced in monthly Newsletter.
Frequency: 1920 KHz nominal (depending on band conditions).
Call sign of hidden station To be announced.

The hidden station will carry on a normal contact with a base station and will commence transmissions at 1400 hours B.S.T. The base station will be on prior to this time as a frequency marker and with the hope of establishing a clear frequency. The hidden station will transmit one minute in five for the first hour at least; repetitions will then be at the discretion of the operator.

Direction Finding Equipment

Competitors are advised that the basic requirements for direction finding are:

1. A receiver with directional aerial.
2. A compass.
3. Maps for plotter bearings, recommended 1 inch to 1 mile. Ordnance Survey Sheets Nos. 148, 149, 161 and 162 or equivalent covering the Essex area.
4. Some means of transferring the measured bearings on to the map e.g. a protractor.
5. Transport - bearing in mind that the hidden transmitter may be anywhere within a 20 mile radius of the starting point.

Rules of the Competition

The entry fee will be 2/6d. (12.5 new pence) for each competitor or team. Competitors vehicle mileage must be recorded by the Marshall at the start.

Competitors will be given a sealed envelope containing the location of the hidden station and a final meeting point for a picnic tea and inquest, the winner must arrive with envelope intact and (SIGNED BY THE OPERATOR OF THE HIDDEN STATION). Competitors to provide their own refreshments.

Any competitor who has not found the hidden station before its closing announcement should open the envelope and proceed to the meeting point.

As each competitor reaches the hidden station, the time of arrival will be written on his envelope and signed by the operator. As soon as this has been done, please leave the site and proceed to the tea location.

NO TRANSMITTERS may be used by competitors during the period of the hunt.

Competitors are reminded that they must still observe normal traffic regulations with particular reference to speed limits, also the Laws of Trespass!!! Avoid any possible damage to growing crops.

INSURANCE

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However, competitors are reminded that they should ascertain that their vehicle is adequately insured for use in the event. The Chelmsford Amateur Radio Society will not accept responsibility for claims arising out of any mishap to a vehicle or competitor in the event.

Prize

The winner of the event will receive a prize of £1. The winner being the competitor arriving in the least time. In the event of a tie the minimum mileage will be counted.