

Next Meeting

The July meeting will be a talk given by Brian Skingley of Marconi Communications about Tropospheric Scatter.

Brian is very well known in this field and we should be treated to an excellent evening. For those who are not too sure about it, Tropospheric Scatter is a way of guaranteeing communication over 500Km paths at 2GHz under any conditions. Ask Brian what e.r.p. he uses!

The meeting will take place on Tuesday July 4th at Marconi College, Arbour Lane Chelmsford commencing at 7:30pm.

Committee Meeting

Wednesday, 12th July, Wheatsheaf, 7:30pm.

Woburn Rally 6th August

There are still a few seats left on the coach so hurry up and pay John, G8DET your £1 deposit to reserve your seat.

Constructors Competition Report by John Bowen, G8DET

The committee would like to thank all those who produced equipment for the June constructors competition. The standard was very high and the judges awarded the prize as follows:-

1st Prize (£5)

John Greenwood, G3KRZ for a range of Power Supply Units.

2nd Prize (£3)

Dick May, G3KTF for an h.f. Band Transmitter.

3rd Prize (£1 each)

Ken Eastty, G3LVP; 21MHz SSB Transceiver
John Donnithorne, G8MKX; ATU and
Relectometer for two metres.

This is real money - get building for next year!

2M Portable Contest 27th-28th May 1978 by John Donnithorne, G8MKX

This was my first attempt at organising a contest, luckily everything went smoothly. The site for the contest was at the Danbury Park Youth Centre, close to the old NFD site. Unfortunately the site did not possess a good "take-off" to the East and consequently we did not work a large number of continentals. The equipment we used was a TS700G, a 4CX250B linear and a 10XY aerial, these were loaned to us by Colin Slem, G8JSD. I feel that a little more should be said about the linear because Colin's efforts deserve some praise. He had been working on the linear for some time and was not managing to extract much RF from it. On the Thursday before the contest a lumped constant output was substituted for the tuned line and RF appeared, so much that the coupling loop insulation broke down! The linear was finished hours before the contest started and it ran continuously for 24 hours without any serious bother. The only minor problem experienced appeared to stem from the generator. A spike would enter the linear and cause a large RF peak, this would flash the output capacitor over, this perhaps proved useful in that it woke the operator up and this perhaps improved his QSO rate!

I would like to thank all those who helped with the contest, those who operated and logged, and the few people who came along and visited us; it was nice to see you.

Everyone appeared to enjoy themselves, in fact it proved difficult sometimes to remove operators and loggers from the operating position because they were enjoying it.

The operators were:- David Saul- G4EKZ, Tim Valentine- G8LYC, Colin Slemp- G8JSD, David Barber- G8OQW, Antony Bourn- G8OFD, John Bowen- G8DET and myself; who found himself hoarse early Sunday morning.

We now await the results, but don't expect anything special.

New Member

A warm welcome from the club to Mr. G.A. Breed (Gerry) BRS 22422 who comes from Basildon.

Editors Note

Please send in any news items you have, perhaps even short technical notes; it would be nice to have a few things to edit!

Thanks to the two Johns (G8MKX and G8DET) for their contributions.

73

Bill

W.L. Pechey
Newsletter Editor
Forge Cottage,
Good Easter,
CHELMSFORD
CM1 4RS.

Tel: Home - Good Easter 612
Work - Chelmsford 421188