

CHELMSFORD AMATEUR RADIO SOCIETY  
NEWSLETTER NO.159

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APRIL, 1979

Next Meeting

This month we are to be treated to a talk from our esteemed president Roy Martyr, G3PMX. Roy's talk will be entitled 'Test Equipment - Amateur and Professional'; members are invited to bring along their portable equipment for testing. Let's hope there are not too many red faces - does your top-band rig have harmonics in Band V?

Roy has considerable experience of test equipment and is a clear and lucid speaker; the evening should be very interesting. The meeting will take place at Marconi College, Arbour Lane, Chelmsford on Tuesday 3rd April commencing at 7:30pm.

Committee Meeting

Wednesday, 11th April 1979, Wheatsheaf 7:30pm.

NFD Meeting

Wednesday, 18th April 1979, 112 Long Bradocks, Writtle. All welcome, but please ring John on Chelmsford 421223 if you intend to come.

DF

Unfortunately an error crept into the list of National DF Events in the last newsletter; the Mid-Thames round will take place on Sunday 1st July.

The first CARS event of the year will take place on Sunday 8th April starting at Galleywood Common behind the church at 2pm. Hidden Station has yet to be decided but will probably be G4CUE. Why not venture up to the attic and check that old DF Receiver - you might even win!

Having all had a practice on the 8th you should be on form for the Chelmsford qualifying round on the 22nd of April. The start is at 1pm from a location near Pleshey at TL 661 143, you will need a copy of OS. map 167 (Chelmsford and Harlow). Tea will be provided afterwards for those who would like to partake but please contact G4CUE beforehand.

Propagation Predictions

This is a new feature of the newsletter and will be continued if members wish. The information takes the form of the smoothed mean sunspot number both historical and predicted together with the monthly mean values of solar noise flux.

Cont'/d.....

Smoothed Mean Sunspot Number

	Month	J	F	M	A	M	J	J	A	S	O	N	D	
1977		17	18	20	22	24	26	28	32	38	44	50	55	History
1978		59	62	67	74	81	87	not available						History
1979		129	133	136	139	141	143							Prediction

Solar Noise Flux

	Month	J	F	M	A	M	J	J	A	S	O	N	D	
1977		77	82	77	78	80	92	81	84	100	97	94	102	History
1978		110	146	142	149	147	142	131	114	138	158	152	175	History
1979		188	196	205	216	225	228	223	212	204	204	211	220	Prediction
1980		225												

This information is obtained from the CCIR.

Note that the sunspot number is going up at least until June and that the solar noise flux has a dip in the autumn but peaks again at the beginning of 1980.

More detail can be obtained from G4CUE.

Alexandra Palace Trip 12th May

Please give your £1 to John Bowen, G8DET if you wish to go on the outing

73

Bill

W.L. Pechey, G4CUE  
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Good Easter 612

FOR SALE

Trio TR.2200G with R6, R7, S0, S20, S21, S22, S23, S24  
Including charger etc. £100

Trio 9R59DS Rx 0.5MHz - 30MHz with crystal calibrator £40

Pair PYE PM1 on 433.2MHz (SU8) No batteries £20

2M Power Amp (FM) + Pre-amp, 1 watt in, 18 watt out,  
Aerial, change-over relays, 6inch by 4inch box £40.

David Barber G80QW Chelmsford 56461

WANTED

KW2000A - G4CUE.