

CHELMSFORD AMATEUR RADIO SOCIETY.  
NEWSLETTER NO.169.

February 1980.

Next Meeting.

This month we are graced with the presence of Eric Mollart, the National Direction Finding Champion. Eric is well-known for his talks on DF which are full of wit and anecdote. He will show some cine film of the absurd antics of DF fanatics. We are assured of an entertaining and amusing evening - you don't need to be keen on DF, you just need to be able to laugh !

The meeting will take place at Marconi College, Arbour Lane, Chelmsford on Tuesday 5th February commencing at 7.30 p.m.

If this does'nt get those DF sets built, nothing will !

Committee Meeting.

Wednesday 13th February, Wheatsheaf, 7.30 p.m.

Ongar Radio Station visit 20th May.

There are still some places left on the trip, please contact Andrew, G8KQE on Silver End 83094 if you'd like to see what QRO is all about.

Morse Classes.

The morse sessions have got off to a good start but if anyone else would like to join there is still room around the table. Please contact Andrew if interested.

Report on visit to the Essex Police Headquarters by Bill G8BYO.

Selected for his experience in VHF radio during the war, Chief-Superintendent Jenkinson has been in command of the police communications in Essex since 1946. He started our visit with a very interesting talk on the development of VHF and UHF mobile communications in the Essex police force.

Various outstations, controlled from the station in Chelmsford operate three VHF channels. This enables mobiles in almost all parts of the county to receive a readable signal; and the various signals from the mobiles are sorted by the equipment in Chelmsford and the best one selected. Frequency modulation is used in Essex, whilst amplitude modulation is the rule in the Metropolitan area. UHF is mainly used for personal portable operation. This is because of its short range characteristics when low power is employed. In addition to the countrywide channels, there are those for local operating which may be integrated into the Chelmsford system if needs arise. In fact the whole of the police communications system is an integral unit, allowing mobiles access to the police private wire system as well as the Post Office public switched network. A patrolman can thus be patched into a distant police station or home to his wife to say he'll be home late for tea.

We were especially impressed by the use of data on the system. Information may be obtained from the Police National Computer at Hendon, such as ownership of motor vehicles. Then we were shown how the mobile controllers keep track of the "front line" cars by a system of logging on and off duty. This is to be automated before long and combined with an automatic location system, a mobile will be kept under constant surveillance.

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After being temporarily 'jailed' in the radio equipment room, it was not with little relief that our group retired to the bar, where we concluded a very enjoyable and informative visit.

I am sure my eleven colleagues on the visit would like to join me in thanking Chief-Superintendent Jenkinson for his time so enthusiastically given in showing us his establishment. Congratulations also to Andrew G8KQE for discovering such an interesting venue for the Club's excursion.

#### Situation Vacant.

Newsletter Editor. Position available because existing holder of the post is leaving the area at the end of the month. Please apply to John, G3KRZ if you would like to take it over.

#### Essex Repeater Group.

The Annual General Meeting of the Essex Repeater Group will be held at Good Easter Village Hall on Tuesday 19th Feb. commencing at 8.p.m.

#### Field Day planning, part 2.

The first planning meeting for 1980 NFD was held at the Chairmans house on 23rd Jan. High on the agenda was the choice of a site, previous experiences have suffered severe limitations in access and cost, therefore it was decided to appeal to the membership in general for ideas on the subject; in other words :- WANTED, CONVENIENT SITE IN THE CHELMSFORD AREA TO ENABLE C.A.R.S. TO WIN N.F.D, replies to the Chairman by the next meeting.

The second meeting will be held at the Chairmans house on 20th Feb. at 8. p.m, please let John know if you intend to come along.

73,

Bill.

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WANTED. Dead or alive, preferably in one piece, Ye Rad.Comms. Jan 75, Feb 75, March 75, April 75, Aug.75, Aug.78. G8KQE.

FOR SALE. Pye Pocketfone's PF 1, 1 pair RB10 (with T/B and batteries). 1 pair SU8 (and batteries). £20 pair. 1 R.X. (without battery) Offers. 2m 5/8 wave A.S.P. whip and mag.mount (both new) £20. Creed 7E Teleprinter and silence cover (12½ hours on clock) £25. Creed 6S6/m Tape reader £6. Advance Alpha III D.M.M. (Mint condition) £70 o.n.o. Marconi Hydrus RX heads. R.F. + mixer board 1.5 - 30 MHz. Crystal filter. Sideband demod and other bits £6 o.n.o. Hydrus Terminal Unit. Demod unit. Filters 80/0/80 driver (needs attention) £4 o.n.o. 2m 20 watt P.A. (R.C.A.Power Module) 1 watt in 20 out (F.M. only) assembled in die cast box, 6" x 4" x 3" £30. Technics stereo cassette deck 273, Dolby (Flat bed) £70 o.n.o. Transformers. 1) H.T.361/361/0/361/361 @ 200mA. L.T. 2 x 5.16v @ 3A. 3.25/0/3.25 @ 2A. 6.5/3.25/0/3.25/6.5 @ 5A. 2) 0/250/265 @ 175 mA. 3) L.T. 6/0/6&/27V @ 7.5 A. 4) H.T.450/0/450 @ 180 mA. L.T. 2 x 0/4/6.3 @ 3A. 0/4/5 @ 3A. 0/4/6.3 @ 4A. Offers. Dave Barber G80QW, 12, Van Diemens Rd, Chelmsford, 56461 evenings only.