

# Chelmsford Amateur Radio Society.

NEWSLETTER No. 311

Callsign G0MWT

December 1991

## NEXT MEETING - The History of Radar

At 7.30pm on Tuesday 3rd December in the Marconi College, Arbour Lane, Chelmsford, we will extend a welcome to our good friend Stan Wood who has prepared another interesting lecture in his historical series.

Under the title "Find, Fix and Strike", Stan will outline, with illustrations, the period 1904 to 1940 where Radar developed from the first patent to a working system for the Battle of Britain.

We look forward to a most informative evening.

## DATES FOR YOUR DIARY

- 3 Dec. CLUB MEETING - Radar by Stan Wood.
- 8 Dec. VERULAM CHRISTMAS RALLY - Hatfield Polytech:
- 14 Dec. CHRISTMAS SOCIAL - places still available.
- 7 Jan. CLUB MEETING - The Annual Video/Film Show.
- 4 Feb. CLUB MEETING - First Aid for Radio Operators.

## THE CHRISTMAS SOCIAL

The cost of the evening dinner of Christmas fare has now been fixed at £9 and Harry Lowe G2HPF will be collecting the balance payments at the next meeting. The venue has a cosy atmosphere but the dinning area is restricted to 30 places, at the time of going to press there are just a few places left.

## BIRD IS THE WORD!

Due to a very kind and generous anonymous donation the Club is now the proud owner of a precision Power/SWR Meter in the form of a Bird model 43, complete with 100W element (2-30MHz) and carrying case.



This unit was introduced to members at the November Meeting and is now in circulation for testing HF rigs and antennas. Bookings for further use should be addressed to Roy, G3PMX, who will draw up a list of names and dates, bearing in mind that priority must be given to any applications to the preparation of 1992 Field-Day and verification of the performance of our FT-747-DX Transceiver.

The next stage in improving our facilities will be to provide the means of calibration for members with VHF and UHF Transceivers by the addition of elements to cover these bands.

It is proposed that we carry out a survey to form a budget list of the most popular elements.

Will you please make your requirements known to Roy from the following standard range choice table.

Freq: MHz	5W	10W	25W	50W	100W	250W	500W	1KW
2-30	-	-	-	*	*	*	*	*
50-125	*	*	*	*	*	*	*	*
100-250	*	*	*	*	*	*	*	*
400-1000	*	*	*	*	*	*	*	*

Although other frequency and power ranges are made they are outside the standard range and are therefore more expensive. This selection will cover the Amateur Bands, HF, 6M/4M, 2M and 70CM respectively. Average price of each standard elements is around £70.

We hope this will also provide the incentive for some more fund raising ideas.

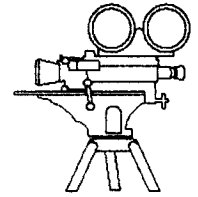
## COMMITTEE MEETING

The December Committee meeting will be held in the Telford Lodge at 7.30pm on Wednesday 11th December, you are welcome to join us.

## "LOOKING" AHEAD

To complement the January Video/Film show it has been suggested that we could show some 35mm transparency slides.

If any member has a collection, perhaps they could spare a moment to select a few to bring along to the meeting. Any subject of general interest could add some variation to the evening.



## CONSTRUCTORS CORNER

*This is a new column in your Newsletter for members to exchange information on construction matters.*

Richard, G4ICP has constructed the "White Rose" receiver, Rad-Com, February 1990, from which he has gained considerable working experience and is willing to pass on some hints and tips to any member who is contemplating the task.

The interest in this design is that it avoids the complication of frequency band switches by using plug-in cards, i.e. the modern equivalent of the HRO receiver, but much, much smaller of course.

## LAST MONTHS MEETING - Andrew G4KQE

By 7.30 the stage at the College was fairly full with bits and pieces and the annual junk sale looked set for an interesting evening. Our Chairman, John, G8DET, welcomed visitors from Braintree and Harwich.

Gwyn, G4FKH was Auctioneer, with Andrew, G4KQE and Charles, G0GJS as 'runners' and Brian, G3CVI, our Treasurer ready to collect takings.

Bidding was brisk, especially for the bargains, with Gwyn setting a fair pace to ensure all items were cleared by the end of the evening. It was noted that Harry's shack, G2HPF, must be nearly full as he only secured a few items this year. Our Braintree friends entered into the spirit of things and snapped up some bargains, one of them bought a QQV06-40 valve for 40p, the new price being £50. Several loudspeakers were on offer, both loose and boxed. A magnificent pair of Hi-Fi speakers went for 10p, a bargain, as similar sized Wharfedales would set you back at least £100.

Museum curators would have enjoyed the evening, as several bits of large, heavy kit came under the hammer, including a large UHF signal generator.

During the tea break, members were able to inspect at close range the items not yet auctioned, and we were treated to some music, demonstrating that a music centre was in full working order.

After tea, bidding resumed with various reading matter, from technical magazines to component catalogues. Steel project boxes were very popular, as were some toroidal transformers. The music centre generated some interest and exceeded the reserve placed on it, and has now solved a Christmas present problem!

Brian was very busy collecting money throughout the evening, and after counting up, recorded a £92.00 profit to boost club funds.

## THE MONTH ON-THE-AIR

*Our Chairman, John has suggested that we include a column each month to report interesting contacts, unusual propagation or anything out of the ordinary.*

On the 5th November, while tuning 20 metres in preparation for the regular Tuesday mid-day contact with Alouis, DL3PD in Backnang, Roy and Ela heard a familiar voice operating the station 4U1ITU in Geneva.

>>> More >>>

Small world! for the operator turned out to be no other than Bill, G4CUE with Doreen, G8NMO at his side.

Following his contact with a G-Mobile, Roy called in and a most pleasant contact (5/9 both ways) was made for all four participants. Subsequently a fine QSL card has been received. Our club members certainly get around the world.

### GENERAL REMINDER

May we remind all members that subscriptions for the 1991/92 session are now due. The rates are £4 and concessionary £3. If posted, cheques should be made payable to "Chelmsford Amateur Radio Society" please.

73 from Roy & Ela Martyr, G3PMX & G6HKM

Tel: (0245)360546

1,High Houses,  
Mashbury Road,  
Great Waltham,  
Essex, CM3 1EL.

### MEMBERS ADVERTISEMENTS

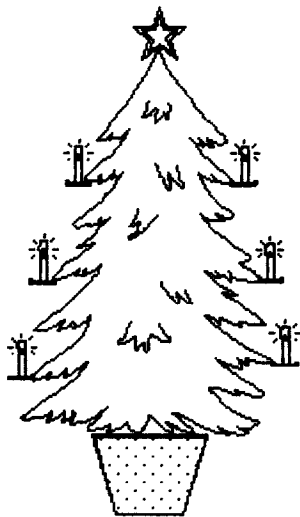
**WANTED** Urgently - games on cassette for BBC Micro Computer, for the interest of my 6 year old son! Any info please to Richard, G4ICP, Tel.No. 0376-84478.

## ADVERTISEMENT

### FOR SALE - Property of the Late Rob Taylor, G8ZHF.

FDK Multi 750E 10W all mode Transceiver (2m)	£200.00
Yaesu FT290R 3W all mode Transceiver (2m)	£180.00
Pac-Comm Tiny 2 TNC.	£90.00
Kenwood SW-100 SWR/PWR meter 150W, 140-450MHz.	£30.00
Japanese PWR/SWR meter 100W, 3.5-150MHz.	£10.00
Mutek SLNA 144s 2m pre-amplifier.	£35.00
Realistic PRO-30 16 chan. direct entry prog.scanner.	£30.00
Astec Switched mode PSU 100W +12v,+5v,-12v (with CCT). (suitable for disc drives etc).	£20.00
Farnell instruments 12v 5A stab. PSU (very compact).	£25.00
28v 5A stab. PSU (home brew).	£10.00
Tonna Mast and base.	Offers?
HB9CV 2' Element 2m, as new.	£5.00
Tonna 9 Element 2m, good condition.	£15.00
VHF-UHF Manual Fourth edition RSGB.	£5.00
A Guide to Amateur Radio 18th Edition RSGB.	£2.00
The ARRL Handbook 1985.	£5.00
Commodore PC10 III, Colour EGA Monitor, 640K ram, 5¼" and 3½" floppy, 20Mb hard disk, Parallel & serial ports,	£350.00
Citizen Printer (Parallel interface) dot matrix, including tractor feed and sheet feed.	£50.00

All enquiries to Mark, G6CMS Tel: (0245) 76801.



**A Very Merry**

**Christmas to**

**You all**

