



Chelmsford Amateur Radio Society Newsletter

May Meeting

Tue 2-May-2023, 7:30pm
Danbury Village Hall

Practical / Social Night

By CARs Members

Want an opportunity for some practical experience, got questions or want try something different - or just meet up and socialise?

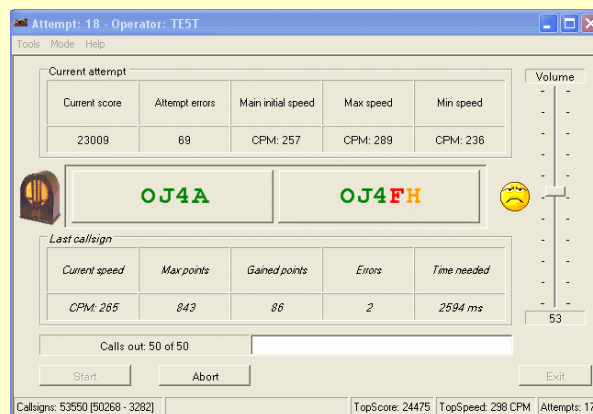
Our new series of occasional Practical/Skills meetings, based on RSGB Brickworks theme/activities will give you an opportunity!



CARS is a registered Brickworks club, so if you are participating we can also assist on official certificate/awards.

This month:-

- RufzXP Morse Training
- CW Software Demo (RufzXP, Morse Runner)
- VHF Station (via our new antenna)
- Internet Radio
- Quiz
- Refreshments & Raffle



All welcome – free raffle and refreshments. Donations to Essex Air Ambulance

NB: Physical meeting – no Zoom

Volunteers: We still need a Secretary and other roles filled, so please do chat to us and see how you can contribute – whether its special event operating, a talk, training, or some other special interest

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Club Diary

Tue 2-May-2023	Club Meeting: Practical/Skills/Social Night - (Brickworks)	Danbury Village Hall
Tue 6-Jun-2023	Club Meeting: Essex Air Ambulance talk / presentation	Danbury Village Hall

Club Nets

CARS meets for talks/events on the first Tuesday of the month. The subsequent Tuesdays have club radio nets as follows below and dates listed on our calendar at www.g0mwt.org.uk/main/events/categories/net/ :-

- **2nd Tuesday in the Month – VHF**
The CARS VHF FM Net uses GB3DA from Danbury starting at 8pm (local).
GB3DA is 145.125MHz Input and 145.725MHz Output - and CTCSS-only (110.9Hz), 2min timeout
If for any reason GB3DA is not available then 145.375 Simplex will be used. Vertical aerials are best for this
- **3rd Tuesday in the Month - UHF**
The CARS UHF FM Net uses GB3ER from Danbury and starting at 8pm (local).
GB3ER is 434.675MHz Input and 433.075MHz Output - and is CTCSS-only
Vertical aerials are best.
- **4th Tuesday in the Month - HF**
The CARS 80m Net on "3756kHz" Night, SSB and starting at 8pm (local).
Horizontal aerials are best. The idea is to enable distant CARS Members to join the Net.
- **5th Tuesday in the Month (when there is one!) - MF**
This is the CARS Top Band Net on 1947/1950 kHz +/-QRM, LSB and starting at 8pm (local).
Horizontal aerials are usually used for this Net. A reminder - limit your power to a max of 30 Watts, please.

Training & Morse Classes**2023 CARS Training classes at Danbury:**

- Exam session - Thursday May 18th
- Foundation 43 - date tbc – Enquiries welcome

If you are interested in these or other opportunities in 2023, please contact **John O'Connell M0JOC** our training coordinator and Exam Secretary. Please also spread the word to potential candidates!

We can also accommodate fast-track courses at Danbury to assist with the Intermediate, Full and the new Direct-to-Full (D2F) exams that started in January-2023

John can be contacted via training2023@g0mwt.org.uk or 07868-004380

More info and other updates are at: www.g0mwt.org.uk/training

Online Morse Classes: Thursday evenings at 7pm. Coordinated by Andy G0IBN who has on-air practice sessions and via Skype too... <https://join.skype.com/clsfKXKmlNvf>

- contact Andy via morse2023@g0mwt.org.uk - or feel free to enquire about the Essex CW Boot Camp

 Follow @TrainWithCARS

April Meeting: Construction Competition

April saw the return of our annual competition - complete with Cash Prizes!

Electronics, metalwork or even software are all valid entries. The only entry rule is that it must be safe. Cash prizes were on offer for 1st 2nd and 3rd and newcomers. Murray totted up the voting preferences from the audience and in the event we had five entries so the latter was split evenly for fourth place as there wasn't a newcomer entry. The Prizes and certificates were thus:-

- 1st Place - £30
- 2nd - £20
- 3rd - £10
- 4th –equal (ex Newcomers - £10+10)

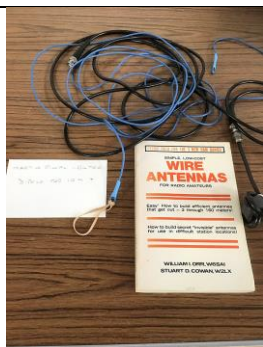
CARS President Tony G4YTG was on hand to do the honours and present the winners certificates/cash



1st : Main Isolating Variable AC PSU



Tony presenting 1st prize to Andy G1GKN



2nd : End fed dipole – Martin G4TOO



3rd : Morse Oscillator – John M0JOC





4th = : CW Practice & Repeater – David M0HBV



Tony with David Ingrey M0HBV



4th = : Multipurpose radio and audio/speaker



Tony with John G4IMS - CARS Treasurer



Andy G1GKN with the Winners Shield

Coronation Calls

CARS has acquired an NoV for the use of the 'R' (Royal) prefix.

So during May, **GR0MWT** will be in use.

There are quite a few other related amateur radio special events and activities

More info at www.rsgb.org/coronation



June Meeting – Essex Air Ambulance

Coming up is our Tuesday June 6th meeting. This features a presentation on the work of the Essex & Herts Air Ambulance Trust (EHAAT – www.ehaat.org)

Please do pop along and support this worthy cause.

CARS will also have a special presentation to EHAAT.

All welcome – free raffle and refreshments. Donations to Essex Air Ambulance



Essex & Herts Air Ambulance

Your local life-saving charity

Sale/Free Items

Following Canvey Rally we still have a few items left in our G3CVI-SK Sale. Pop along to a CARS meeting to pick them up!

General terms: CARS Members get first preference if demand is high; sold as seen; Buyer to collect
Enquiries to Paul G4PVM: g4pvm@g0mwt.org.uk

Silent Key – Bill Palmer 2E0GVX

We are saddened to report that that Bill Palmer 2E0GVX (left) has become a silent key, as relayed to us by his son John M0GQK.

We found a picture of John and Bill with James 2E1GUA from 2005 on the CARs web site:

<http://www.g0mwt.org.uk/meetings/past05-july-dec/past05-jul-dec.htm>



Marconi Day, Saturday 22nd April

Guglielmo Marconi was born on 25th April 1874. International Marconi Day is celebrated every year on the Saturday closest to his birthday.

Compared to last year conditions and activity were a bit lower but still busy for HF for International Marconi Day on Saturday 22nd April 2023.

CARS club call **GX0MWT** was registered as an official award station and operated with the kind permission of BAE Systems at Great Baddow, formerly the Marconi Research Centre.

Operators: Paul G4PVM, Keith G3WGE and Murray G6JYB, supported Andy G1GKN, Steve M0LCF and Andy G0IBN.

Stations: Three were in use, two on HF and one on VHF/UHF

- **HF:** Flex Radio 6600 SDR & Icom IC756 with a Hexbeam for 10-20m, dipole for 40m.
- **VHF:** FT7900 and a Diamond X30 for 2m.

Results:

- **QSOs** - 96 on HF (27 SSB & 69 CW), and 6 QSOs via the GB3DA repeater.
- **DX** - Most QSOs were with EU. Best DX worked was 10 JA stations on 12m, plus 3 USA and one Asiatic Russia.
- **IMD** - Ten other different IMD Stations:
 - EI3IMD - Tramore Coastguard Tower
 - G2NM - Amberley Museum
 - GB0CMS - Caister Marconi Station.
 - GB2GM - Poldhu ARC
 - GB2IMD - Waunfawr transmitting station
 - GB2NH - Tidemills Marconi suite
 - GB2SJ - Souter Lighthouse (unofficial station)
 - GB4IMD - Cornish ARC (IMD organizers)
 - GB4LD - Lizard wireless station
 - IY5PIS - Coltano Marconi station

Overall there were 63 Award Stations on air including GX0MWT

Unfortunately we didn't work 15 stations required for the IMD award. However, overall it was an enjoyable activity day and look forward to next year's event.

Photos:

- *Hexbeam HF Antenna*
- *Chain Home mast (with John G8DET and Andy G1GKN)*



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Newsletter and Archive: <http://www.g0mwt.org.uk/newsletter>