



Chelmsford Amateur Radio Society Newsletter

January Meeting
Tue 10-Jan-2023, 7:30pm
Danbury Village Hall

Brickworks & CARS
 By David De la Haye M0MDB

Happy New Year!

For our January meeting, David de la Haye M0MDB, RSGB Region-12 Representative, will start the evening by introducing the the RSGB Brickworks Initiative which supports 'Building Experience' for both newcomers, but also for existing amateur and clubs.



After that there will also be a segment on CARS meetings/activities supporting it, so the evening will be:-

- Short talk #1: RSGB & Brickworks by David de la Haye M0MDB
- Short talk #2: Brickworks at CARS

CARS has recently registered as Brickworks Club and the result of may influence some of the meeting programme in the coming year (akin to when we also had some hands-on Skills Nights.

This is very much about supporting both existing as well as new amateurs - and new topics to try!

There are several themes and lots of potential activities you may wish to join in or even volunteer for

So do pop along , hear what's its about and also enjoy the chance for a bit of New Year socialising.

NB: Physical meeting, please attend – 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

Note – all Danbury meetings are back to normal 7:30pm start times

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Club Diary

Tue 10-Jan-2023	Club Meeting: Brickworks & Amateur radio – note the date	Danbury Village Hall
Sun 5-Feb-2023	CARS at Canvey Rally	Canvey Island
Thu 2&9-Feb-2023	Foundation Fast-track Training	Danbury Village Hall
Tue 7-Feb-2023	Club Meeting: Marconi Stations in Essex - Paul Reyland G0PGR	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:

- Foundation Fast Track will be on Thursday 2nd & 9th February - *all places booked*
- Intermediate/Full Fast Track - set for Thursday 16, 23 & 30th March – **Sign up now!**

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 start 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

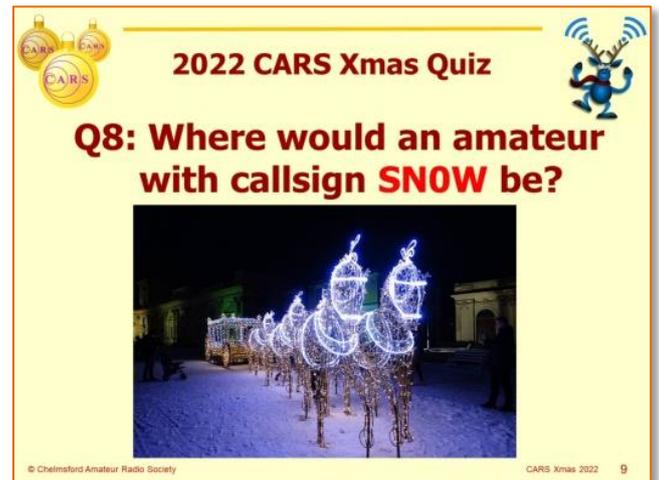
December Meeting: CARS Xmas Social

For this seasonal time of year CARS members, other amateurs/clubs and prospective trainees were welcomed to join us for our Xmas Social at Danbury

For the last few years we have been unable to hold such gatherings due to Covid, so this was a great chance to make up for it! Our volunteer had acquired special raffle prizes, were busy in the recently refurbished kitchen and we had Xmas lights and a seasonal quiz

- Seasonal nibbles - inc mince pies, sausage rolls
- Very Special Raffle Prizes - inc Grouse, Cabernet, Pannetone, Breakfast box, Tiptree Jams etc
- Refreshments were free, but you needed a ticket for the prize raffle.

A great evening all round – thanks all !



CARS were joined by EssexCW and Braintree members



John M0JOC warming nibbles up!



A great social occasion



President Tony G4YTG on keyboard



Some of the Xmas Raffle prizes – Thanks to Andy G0IBN for organising these

CARS Nets – Please Join in!

We are keen to see more active member participation on a number of fronts – one of them is CARS nets

Why not make it your new year's resolution to join the CARS nets?

There is a net almost every week on Tuesday evenings on different bands.

Why not drop in and meet old friends and maybe make some new ones?

Paul G4PVM - www.g0mwt.org.uk/nets

Forthcoming Events & Canvey Rally

Sunday February 5th Canvey Rally:

CARS will be at the rally and are looking for helpers (as well as customers!)

– Venue: [Cornelius Vermuyden School](#), Dinant Avenue, Canvey, Essex, SS8 9QS

Tuesday February 7th Talk: "Marconi Telegraph Stations in Essex"

Local author, amateur and former telecomms engineer Paul Reyland G0PGR will talk about Marconi Wireless Telegraph Stations in Essex - notably the Ongar and Brentwood Stations.

These were established in the early 1920s near Chelmsford to provide international wireless communications. They continued until Brentwood closed in 1965 and Ongar in 1987.

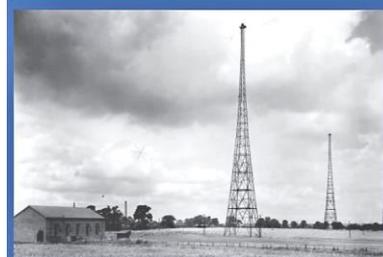
Tuesday April 4th Meeting: Constructors Competition

We haven't had one for a while. Did you make anything during lockdown?

Make sure you are ready with your entry for April

– any entry is potentially valid, as long as it is safe - **Cash Prizes on offer !**

Marconi's Wireless Telegraph Stations in Essex



The Centenary of Brentwood and Ongar Radio Stations

by Paul M. Hawkins and Paul G. Reyland

G3CVI SK Radio Item Sale Update

CARS have sifted thru a host of items from the sad passing earlier this year of Brian Thwaites G3CVI our former treasurer. Some items are already sold so make the most of the opportunity

Below we are after reasonable offers for the Rig category, but all other items can be obtained based on offering a donation that we will pass onto Essex Air Ambulance.

Latest list is also online at: www.g0mwt.org.uk/society/sales.htm

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 - **Don't Delay, as some will go at Canvey!**

Rigs etc.

- **Kenwood TS2000** HF/VHF/UHF All Mode Transceiver. S/N 31000042. Plus mic.
- **Sommerkamp SLB300** HF Linear Amplifier. 1-8-30MHz. 600W.
- **Yaesu YO-901** Multiscope. Oscilloscope, two tone generator, band scope. Matches THE FT901/FT902. S/N 9K020318.

Accessories

- BNOS low pass filter 6m filter. Part no. F50-L/U.
- CDE Model AR-30/AR-40 Solid state Direction Module Indicator (rotator controller).
- Daiwa PS-30XMII power supply. 1-15V. Rated 24A. Max current 30A. Plus box.
- Datong VLF converter. Model reference VLF. Converts 0-500 kHz to 28MHz band.
- Datong Model FL1 Frequency Agile audio filter. S/N 2304.
- Enterprise Radio Applications (ERA) Microreader (CW/RTTY).
- Hansen DL-20 dummy load. 15W. DC-150MHz.
- Heath Model HD-1234 4-way coaxial switch. SO239. S/N 02621.
- MFJ-901B Versatuner. 1.8-30 MHz. Max. 200W PEP. SO239 & 400 Ohm balanced input.
- MFJ Artificial Ground. MFJ-931.
- MFJ-461 Pocket CW reader. Plus instruction leaflet.
- Microphone Model DM-300. 50 ohm. Unidirectional. Dynamic. 0.25" jack.
- Seiki TWS-120 two-way coax switch SO239.
- Toyo SA-450 two-way coax switch SO239 3.5-900MHz. Loss 0.02dB. Max. 2.5kW
- Welz SP-10X SWR & Power meter. Freq 1.8-150MHz. Max 200W. Plus instruction card.
- Welz SP-200 SWR & Power meter. Freq 1.8-150MHz. Max 1kW. With box.
- Yaesu hand held mic. 500 Ohms. Black with grey cable.

Books (paperback unless stated) – free, but a donation would still be appreciated.

- Practical Wire Antennas by John Heys G3BDQ, RSGB 1989.
- Microwave Handbook Volumes 1 to 3 by MW Dixon G3PFR, RSGB 1994.
- OSCAR Amateur Radio Satellites by Stratis Caramanolis, RSGB 1976.
- The Radio Amateur's Handbook 1977 by ARRL (700 pages).
- Slow Scan Television Explained by Mike Wooding G6IQM, BATC 1992.
- Radio Communication Handbook volumes 1 & 2, RSGB 1976 (hard back).
- The Amateur Radio Handbook (3rd edition) RSGB 1961 (hard back).
- Single Sideband for the Radio Amateur (1st edition) ARRL 1954.

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