



Chelmsford Amateur Radio Society Newsletter

April Meeting

Tue 7-Mar-2026, 7:30pm
Danbury Village Hall

Constructors Competition

By CARS Members

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.

The Prizes and certificates are for:-

- 1st Place - £30
- 2nd - £20
- 3rd - £10
- Newcomers - £20

You will need to present your entry to the audience, who will vote during the break.

Dont be shy! - bring your effort along - both hardware and software are eligible.
Look at previous years to give you an idea,

As usual it is also a great social opportunity to meet and chat to friends.

All welcome - free raffle and refreshments.



Some of last years winners ^ >

CAR PARKING – take care to register your car in Danbury

Training - Contact John M0JOC re Intermediate / Full Courses

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Club Diary

Tue 7-Apr-2026	CARS Meeting – Constructors Competition – inc Cash Prizes!	Danbury Village Hall
Sat 25-Apr-2026	IMD - GX0MWT on air for International Marconi Day	
Tue 5-May-2026	CARS Meeting – How Low Can You Go... - by Andy G1GKN	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

If you are interested in either training/revision or exams, please contact **John O'Connell M0JOC** our training coordinator and Exam Secretary.

Please spread the word to potential candidates. John can be contacted via training2026@g0mwt.org.uk or 07868-004380. Bookings are now open for the autumn.

More info and other updates are at: www.g0mwt.org.uk/training - and the updated RSGB Course Finder

Online Morse Classes: Thursday evenings at 7pm. Coordinated by Andy G0IBN who has on-air practice sessions and online by MS-Teams

- "Beginners" classes are available,
- Other courses available are an "Improvers" class, 10 to 15wpm:
- "Morse Development Group" 15wpm+ : "Advanced" class for the techniques of "Head copying"

- contact Andy via morse2026@g0mwt.org.uk

 Follow @TrainWithCARS

March Meeting: Skills & Science Night

For In association with the RSGB, we were pleased to host a very special Skills Night on March 3rd as we were selected to take part in British Science Week (BSW), a ten day celebration of science, technology, engineering and maths. We were provided with five Morse Code Tutor kits by the RSGB, supplied by Kanga Products specifically for our Skills Night.



The kits were a 'one-off special edition' version of the Kanga Morse Code Tutor, which for BSW is supplied with a red circuit board complete with the RSGB logo.

Towards the end of the evening we had our popular raffle and another enjoyable set of teasers to entertain and educate in the Quiz. More about BSW at <https://rsgb.org/main/about-us/youth/british-science-week/>



Some of the builders!



And the instructions / components

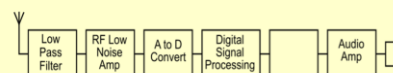


An RSGB/Kanga Special Edition BSW Morse kit
Assembled by Martin G4TOO



Question 10

The drawing is that of a Software Defined Receiver (SDR).
What is the function of the blank box?



- A. Analogue to Digital Converter
- B. Digital to Analogue Converter
- C. Mixer
- D. Amplifier

Raffle Prizes and Quiz-Q10

RSGB AGM – Vote Now !!!

In the RSGB elections there are two vacancies for Elected Board Directors and three nominations have been received. RSGB members are asked to vote for the two candidates they think will be the best to serve the Society as Board Directors for the next three years.

<https://rsgb.org/main/agm-2026/candidates/>

The online voting process requires a combination of your membership number and part of your callsign.

Voting is now open and will close at 9am on 16th April 2026.

The AGM itself along with awards/trophies and panel Q&A is on Saturday 18th April from 10am.

More info at <https://rsgb.org/main/agm-2026/>



May 5th Talk – How Low can you go...

For our May meeting Andy Tyler G1GKN will tell us all about the Low Frequency world below the 160m amateur 'Top band'.

This is where we have the very different long wavelength regime of VLF and LF.

Whilst Broadcasters may be abandoning AM/LW/MW, this is where amateurs and professionals continue to operate and innovate.

Amateurs have allocations at 136 and 472 kHz, whilst for example many clocks use the 60kHz time signal, but there are all sorts of other things too...

For example...

- Pictured are the 19kHz VLF masts at Grimeton in Sweden
- https://en.wikipedia.org/wiki/Grimeton_Radio_Station
- ...and who remembers the Rugby masts ?



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