



Chelmsford Amateur Radio Society Newsletter

October Meeting

Tue 5-Oct-2021, 7:30pm

Online by Zoom

Annual General Meeting

By CARS Members

October is AGM time! CARS is short of volunteers so it is time for members to please step forward.

The AGM will start with annual reports from the Club's officers, the opportunity to hear about our progress over the year and the activities in which CARS took part. Voting will then take place for members to choose both new and standing members of the Committee.

Nominations for new committee members should be notified to our Chairman or Secretary as soon as possible.

Vacancies exist for: Six Volunteers and a Newsletter Editor

In addition to reports and elections, there will be an opportunity for members to voice their suggestions for the future and overall running of the Society. (2022 Subs, More Special Events. Open Air Meets, Virtual or Physical Meetings.)

- Would you like to help in planning the Club's future?
- Are you good at organising or operating?
- Do you have a 'special interest' you would like to introduce to CARS?

At the AGM members will have the opportunity to stand for election and put their ideas into practice. Please contact any committee member or Secretary Colin G0TRM (before the day).

So do join us for this important occasion!

Zoom:

Quick Link: <https://us02web.zoom.us/j/86862852877?pwd=bjVGWVVELzlmL3VJNHhhY2IHL3F1QT09>

- Meeting ID: 868 6285 2877
- Passcode: 813233



In this issue:-

Club Diary.....	2
Club Nets.....	2
Training & Morse Classes	2
September Meeting: Direction Finding for Fun	3
CARS AGM Agenda – 5 th Oct 2021	4

Advert: Free Goods from Colin G0TRM	4
CARS Training – Sign up Now!.....	5
RSGB Convention - October 9 th	5

Club Diary

Tue 5-Oct-2021	CARS AGM – volunteers required!	Online by Zoom
Thu 7/14-Oct-2021	Foundation Fast-track Course	Danbury
Tue 2-Nov-2021	Meeting - topic tbc	

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

CARS Training classes are restarting in October at Danbury – the training page has been updated to show sets of 2wk fast-track courses at Danbury intended to complement online material and online exams.

- Foundation-41: Thu Oct-7th and 14th
- Foundation-42: Thu Nov-11th and 18th
- Intermediate/Full: Thu Dec-2nd and 9th tbc

If you are interested in these or other opportunities,

please contact **John O'Connell M0JOC** our training coordinator and Exam Secretary

John can be contacted via training2021@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 morse2021@g0mwt.org.uk



Follow @TrainWithCARS

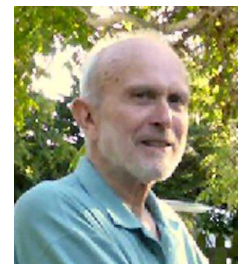
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Follow @ChelmsfordARS

September Meeting: Direction Finding for Fun

On Tuesday September 7th it was time for another CARS Zoom talk and the chosen topic this month was direction finding; and who better to tell us about it was Roy Emeny G4JAC and his talk entitled Direction Finding for Fun. As we heard from Roy throughout his talk, the accent was certainly on Fun.



The Essex area has quite a track record in this activity and judging by Roy's long term enthusiasm he has played a big part in that track record and continues to do so, together with the help some keen Amateur Radio DF devotees.

Roy explained to us the ins and outs of a DF hunt. That means using a special receiver to find the position of sometimes quite well hidden low power transmitters spread over a given area of countryside. Much skill and scheming goes into choosing locations for the individual hidden transmitters. Much skill is also required by competitors in hunting for the hidden transmitters. Before an event much advanced careful planning by the organizers is essential to ensure success. Up to ten transmitters are usually employed in a DF hunt, each set up with a different RF frequency and programmed to operate in a given time slot and with variable transmit on/off times.

DF events take different formats, such as transmitters must be found in a given order or random order, time limits in place for time taken to find each transmitter and overall time taken. ARDF occurs on 160m, 80m and 2m with categories for every level and age group. The RSGB have promoted 80m DF as a radio sport with international links and competitors.

Roy encouraged us to try a DF hunt and said that much help was available for beginners in the form of help on the day or even in the construction and operation of the special receivers built for the job.

Our thanks again to Roy for his very informative talk to CARS.

Write-up by Colin G0TRM

1960 kHz	1930	1915	Transmissions		
A .-.	B -...	C -.-..	0:00	5:00	7:30
F ..-.	G --.	H	1:40	5:50	8:20
K -.-..	L .-..	M --	3:20	6:40	9:10
		1 .----	Gap Hopping Ghost		

Easy, medium and hard transmissions vs 10min cycle - see <http://www.forjac.co.uk/df/multitx/Multi-Cycle.html>

Diary Date	DF Event
Sun Oct 3	Multi 5 - Details - http://www.forjac.co.uk/df/21/031021/Intro031021.html
Fri Oct 8	Colchester 6
Sun Oct 17	Mid Essex Double
Sun Oct 31	Multi 6

Forthcoming events - see <https://www.forjac.co.uk/df/dfdates.html>

Useful links:

- Roy's website:, www.forjac.co.uk, with info on DF and Radio Orienteering
- <http://www.forjac.co.uk/df/multitx/multiexp.html> - East Coast Multi-DF Noticeboard
- <http://www.forjac.co.uk/df/multitx/Multi-Layers.html> - that uses 10min Tx cycle above

CARS AGM Agenda – 5th Oct 2021

- 7.30pm Meeting Starts
- Notices.
- Chairman Opens AGM
- Chairman's Report
- Membership Report
- Treasurer's Report
- Training Officers Report
- President's Report
- President Retires Old Committee
- Election Of Chairman
- Re-Election Of Existing Committee Members
- **Election Of New Members – volunteers required!!!!**
- A.O.B
- Close AGM
- Meeting Part 2 (Short Talk tbc)

Committee Members:

- | | |
|---|---------------------------------------|
| • Elliott Riddle M0JBY, Chairman. | John Roe G4IMS, Treasurer |
| • Andy Kersey G0IBN, Membership Secretary | John O'Connell M0JOC, Exams Secretary |
| • Oliver Prin M0WAG, QSL Manger. | Colin Page G0TRM, Secretary |

Current Club Officials:

- | | |
|------------------------------------|-------------------------------------|
| • President..... Tony Gilbey G4YTG | Vice President...Murray Niman G6JYB |
|------------------------------------|-------------------------------------|

Advert: Free Goods from Colin G0TRM

Free to a good home - three 12 inch loudspeakers (impedances unknown):

- Two of which are in home produced (not the best) cabinets/boxes, both working! FREE
- The third one by Dynatron Type LS-4138, Working (tweeter suspect). FREE.

Also: four (4) other speakers with 7x4 inch ellipticals. 4 Ohm impedance. Made by Rank Organisation type A130. Cabinet size approx..10x12x6 inches. Fair to good condition. In working order. FREE

Similar to: <https://picclick.co.uk/Vintage-RANK-Organisation-A1007-Pair-Of-Wooden-Bookshelf-174673374109.html>

All free to a good home - Please contact Colin G0TRM direct – colinpage10@btinternet.com

CARS Training – Sign up Now!

Please see below for the latest info on our training offerings. Enquiries/candidates are welcome.... !

Face to Face licence training courses will recommence in October 2021 at Danbury Village Hall on Thursday evenings at 7pm:-

- **Foundation Fast Track:** Thursday October 7th/14th and also Thursday November 11th/18th.
- **Intermediate Fast Track:** Thursday December 2nd/9th
- **Full Fast Track:** Thursday December 2nd/9th

Contact John O'Connell M0JOC our Training Coordinator/Exam Secretary to book a place and discuss further our training programme.

- Email: training2021@g0mwt.org.uk
- Mob: 07868-004380
- Web: <http://www.g0mwt.org.uk/training>

CW Classes - - - - -

These are now carried on Skype at 7pm on a Thursday evening. If you are a complete beginner we can arrange you to have your own "Elmer" to instruct and guide you. If you just want to refresh your Morse skills we have a class of CW enthusiasts who will welcome you to their class. If you just want a pleasurable evening with CW friends just drop in for a fun evening whenever it suits you.

- **Course Overview:** [Click Here](#) (PDF)
- **Times:** Thursday evenings, 7pm
- **Venue:** Skype - <https://join.skype.com/clsfKXXkmlNvf>
- **Contact:** Andrew Kersey G0IBN - T: 0745-342-60-87 , E: morse2021@g0mwt.org.uk

RSGB Convention - October 9th

The RSGB Convention on Saturday October 9th will again be online. Two streams will cover Introductory and more advanced topics – click the link for full details

<http://rsgb.org/convention/>

Diary Date: Saturday 9th October [#RSGBconvention](#)

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Editor: editor@g0mwt.org.uk

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