



Chelmsford Amateur Radio Society Newsletter

November Meeting

Tue 2-Nov-2021, 7:30pm

Online by Zoom

AllStar Gateway MB7ISX

By Oscar Wood 2E1HWE

For November we are delighted to have Oscar Wood 2E1HWE who will talk about the 145MHz MB7ISX AllStar Analogue Simplex Gateway that is located in Westcliffe on Sea in South Essex and the wider FreeStar network it connects to.

Simplex gateways in various forms (mainly on 2m and 70cms) have been around for many years but have become increasingly sophisticated as software and network has developed. Locally for example MB7IDA formerly at Danbury provides a local Echolink service in the Chelmsford area.

Oscar will first introduce us to gateways and the MB7ISX licensing and equipment setup. He will then move onto the wider Allstar concept and Freestar network and how it can be used to support major events such as GOTA- Gateways on The Air.

Some guidance for users will be given...

- and finally we hope to have a live demo! (relayed via our Zoom session)



MB7ISX

ALLSTAR ANALOGUE SIMPLEX
GATEWAY

Zoom:

Quick Link: <https://us02web.zoom.us/j/88672008408?pwd=anZxN3RnRWt5RnZlV2ZhNk1OY0hKZz09>

- Meeting ID: 886 7200 8408
- Passcode: 101486

Following the AGM Subs are now due – again at the special rate of just £5 for the coming year!

Pay online via PayPal at <http://www.g0mwt.org.uk/society/membership/e-form.htm>

In this issue:-

Club Diary.....	2
Club Nets.....	2
Training & Morse Classes	2
October Meeting: CARs AGM	3
Advert: More Free Items Available.....	5

Ofcom EMF VHF Deadline	5
December Talk: The Unusual Club of the FBK.....	6
QO-100 Talk Invite – Thursday 4 th Nov	6

Club Diary

Tue 2-Nov-2021	Meeting - AllStar Gateway MB7ISX	Online by Zoom
Thu 11/18-Nov-2021	Foundation Fast-track Course	Danbury
Thu 2/9-Dec-2021	Intermediate Fast-track Course	Danbury
Tue 7-Dec-2021	Meeting - The Unusual Club of the FBK	Online by Zoom
Wed 22-Dec-2021	Xmas Committee Meeting – all welcome	Danbury

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 have restarted 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-42: Thu Nov-11th and 18th
- Intermediate/Full: Thu Dec-2nd and 9th - *Intermediate candidates -please sign up now!*

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/clsfKXXKmINvf>

- contact Andy via morse2021@g0mwt.org.uk



Follow @TrainWithCARS



Follow @ChelmsfordARS

October Meeting: CARS AGM

The CARS 2021 AGM was held on Tuesday 5th October, beginning with the officers annual reports.

This was the second time the AGM had been held using Zoom and on this occasion John IMS hosted the proceedings having been guided well by John JOC who had previously set up all the parameters. Having checked members in John IMS then passed the screen in succession to the Club officers for their reports, starting with Chairman Elliot Riddle M0JBY.

Chair: Elliot referred to the Club activities of past year, which had been rather few due to the effects of Covid, physical meetings had of course been suspended at Oaklands and monthly Zoom talks took over and have continued to the present. Elliot said the social aspects of live meetings were sadly missing but he hoped things would soon return to normal. Elliot thanked all members of the Committee for the work they had put in during the past year. He then asked Andy IBN for his report.

Membership Secretary Andy Kersey G0IBN explained that the paid-up membership stood at 79 and 17 honorary members with free membership. Andy said that one new member had paid up for year 2022. AS agreed at the last AGM, members paid £5. Discussion again took place if the subs should be set at £0 for the next year, as it may cause possible admin problems £5 was again chosen.

PMN. Andy subsequently reported that we now have two paid up members....77+ to go.

PS (subs are due at the AGM.)

Treasurer: Elliot then invited Treasurer John Roe G4IMS, he spoke briefly about the very healthy state of the Clubs finances which currently stand at some £12,000. John suggested that it might be prudent to place some of money in a separate account. He would look at possibilities.

John also spoke further of the previously discussed decision to move our account to Metrobank and we would receive 1250 in doing so. Much discussion has taken place with bank personnel over a long period, John has made several trips to the bank to arrange the necessary paper work and the form in which transactions were carried out and what rights Colin TRM has as CARS Secretary and what rights John had IMS as Treasurer. John said the changeover is almost complete. He did not see any problems with the new bank and we have now received the £1250 as expected

Training: The next item on the agenda being Training, but in the absence of John O'Connell Colin TRM read the report John JOC had sent to him:

Face to face amateur radio training would resume at Danbury Village Hall on the following dates:

- Foundation Fast track Thu Oct-7th and 14th
- Foundation Fast track Thu Nov-11th and 18th
- Intermediate/Full Fast track Thu Dec-2nd and 9th

The possible cost would be; Foundation £15; Intermediate and Full £20.

See CARS website for details (www.g0mwt.org.uk/training)

Throughout the Covid period, John JOC had continued to arrange on line training arrangements. On air Morse, classes continue under Andy Kerseys' supervision... All CARS training slides are gradually being upgraded to suit the changing Syllabus.

From the floor, John Bowen G8DET proposed that for a trial period CARS training should be free to all candidates. Following a discussion it was thought that candidates would be less inclined to complete the training course if it was free than if they had paid a fee. It was decided a fee of some sort would be paid. The actual amount to be agreed at the next CARS committee meeting.

Cont'd...

QSL manager Oliver Prin M0WAG stated that he is undergoing hospital treatment and would like to pass QSL manager's job to another person. Oliver then proposed that Paul Tittensor G4PVM take over the post, this proposal was seconded by Colin TRM. The proposal was unanimously accepted by the committee. Colin then asked Oliver if would convey the result to Paul.



President: With the reports finished, the proceedings were handed to CARS President Tony Gilbey G4YTG for his contribution. Tony said he was very proud to be President of such a famous and active Club as CARS and thanked those who had made it such, they had done a tremendous job, long may it continue. He said that new committee members are required and urged all other members to consider standing for election or persuading others to stand.

Tony then took on his other role as President and stood down all current Committee members.

Tony then asked that Elliot should be re-elected as Chairman of CARS. This was proposed by Andy G0IBN and seconded by Chris G0IPU. Elliot was re-elected un-opposed as Chairman.

Elliot resumed his Chairman's role and instituted re-election of all current committee members. This was proposed by Tony G4YTG and seconded by Andy G0IBN. All members were re-elected.

Vacant posts include Equipment Manager,

Despite requests, no other new members stood for election to the committee.

Tony Gilbey again gave his thanks to everyone for their input and to John IMS for hosting the meeting very well.

AOB

(1) Bank Transfers.

John IMS spoke about the ongoing process of setting up Bank transfer operation at Metro Bank, so far it had taken several visits, numerous emails and telephone contact. It was necessary because all actions had to be spelt out in detail in CARS Minutes causing several updates.

(2) Subscriptions

As noted before, the Subscription for 2022 would remain at £5.

(3) Starting live meetings again

After much discussion on a starting date regarding members reluctance to attend live meetings again, especially as dark nights would soon be with us. Colin G0TRM suggested as a compromise we could delay until next April. This was agreed. Colin will enquire further about booking meetings at Oaklands. He stated that previous to Covid the rent was £82.50 the current unconfirmed cost appeared to £185+ VAT.

(3a) Raffle

It was agreed that the CARS famous Raffle would be held when meetings start again. Andy G0IBN said he would be prepared to run the raffle as before.

Cont'd...

(4) Meeting Venues (See also AoB para 3)

Danbury Village Hall.

- Cost of Main Hall is £51, Small Hall is £41

Oaklands Museum

- Cost Event Suite in the past £85. Possible future cost £185+VAT (Unconfirmed)
- If this is the true cost, it would not be viable to meet there.

Colin will make further enquiries regarding other meeting places.

Being no other business Elliot then closed the meeting at 8.45pm.

Date of next Meeting October 4th 2022.

Minutes compiled by Colin Page G0TRM CARS Secretary

Advert: More Free Items Available

The items listed below have been kindly offered to CARS by CSES (Chelmsford Science and Engineering Society) and are free to CARS members:-

- ITEM 00: CONNECTORS. (A collection of N-type, UHF, BNC, TNC and other items)
- ITEM 01: KENWOOD CRYSTAL FILTER TYPE YG-455C-1/CN-1.
- ITEM 07: CONNECTORS.(INTER-SERIES ASSORTED ATTENUATORS) (In plastic holder)
- ITEM 09: ALTAI TR DIP METER TYPE KDM-6
- ITEM 10: AZIMUTH INDICATOR (NOT AVAILABLE. ALREADY ALLOCATED)
- ITEM 13: TEST METER BY G & E BRADLY Ltd (Believed to be Test Set CT471)

In the first instance please contact Colin G0TRM colinpage10@btinternet.com - though bear in mind he does not have the items. Collect in Chelmsford Only. Photographs available.

Ofcom EMF VHF Deadline

A reminder that the first of the deadlines for Ofcom EMF assessments is imminent. The latest amateur licence requires all amateurs to check compliance with EMF exposure limits. Compliance is required after

- **18 November 2021** for frequencies above 110MHz, (ie 2m , 70cms, microwave bands etc)
- 18 May 2022 for frequencies above 10MHz but below 110MHz
- 18 November 2022 for frequencies below 10MHz.

More information can be found on web pages: www.rsgb.org/emf and www.ofcom.org.uk/emf

The RSGB page has an updated calculator as well as pre-assessed antenna examples

December Talk: The Unusual Club of the FBK

The next CARS talk on Tue Dec 7th will have a seasonal Nordic flavour as we get closer to Xmas:

Peter Ebsworth, LB0K / G8CBK, will talk about the history of broadcasting around the city of Bergen in Norway and especially of the transmitting site at Erdal which includes a Marconi transmitter, that is now a venue for Norwegian Amateur Radio Club **LA1ASK**.

On site are former Telefunken and Marconi broadcast transmitters. One of the remits is to continue broadcasting from the site, as a museum activity and to keep a (national) presence on the Medium Waves, on 1314 and 1611kHz.

Zoom:

- Meeting ID: 874 6981 6487
- Passcode: 551028



QO-100 Talk Invite – Thursday 4th Nov

Thurrock Acorns Amateur Radio Club (TAARC) has an open invite for their Zoom talk on the Oscar 100 geostationary amateur satellite transponder by Dom Smith M0BLF.

The presentation will include how to build equipment to operate via the satellite.

Zoom Meeting:

<https://us06web.zoom.us/j/82142333457?pwd=TnNqdlhsYmJtemtsNUNXb1VLTUpSZz09>

- Time: Thu 4th Nov 7:00 – 9:00pm
- Meeting ID: 821 4233 3457
- Passcode: 511840
- Web: <https://taarc.co.uk/this-year/#november>

regards

Nicholas Wilkinson G4HCK, TAARC

Copyright – Chelmsford Amateur Radio Society - All contributors acknowledged

Editor: editor@g0mwt.org.uk

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