



Chelmsford Amateur Radio Society Newsletter

January Meeting

Tue 8-Jan-2019, 7:30-10:00pm
Oaklands Museum, Moulsham Street

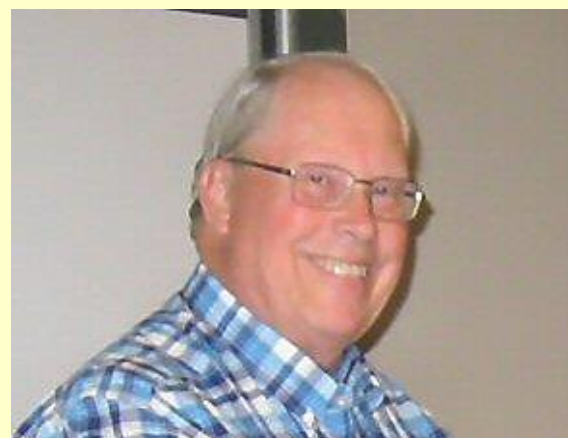
Sub-Surface Comms

By Peter Bridgeman G3SUY

For the CARS January meeting Peter Bridgeman G3SUY will give a topic on a really difficult radio problem - sub-surface comms.

Tunnels, caves etc present a real challenge for communications, and is really important for critical activities such as fire and rescue.

Hear from Peter about how this has been addressed by systems such as 'Figaro'.



Note: As New Year is the first Tuesday, unusually we have scheduled this for the second Tuesday Jan-8. The famous CARS Raffle and refreshments will feature too! - do pop along

Happy New Year!!

Canvey Rally: Volunteers and Sale Items required!
– Contact Colin G0TRM

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Club Diary

| | | |
|-----------------|--|--------------------------------------|
| Tue 8-Jan-2019 | 'Figaro' Underground Comms' - Peter Bridgeman G3SUY – note the date (2 nd Tuesday) | Chelmsford – Oaklands Museum, 7:30pm |
| Mon 21-Jan-2019 | Skills Night | Danbury Village Hall 7:00pm |
| Sun 3-Feb-2019 | Canvey Rally – 10am at the new venue! | Cornelius Vermuyden School, SS8 9QS |
| Tue 5-Feb-2019 | Data Modes for all Occasions – David Cutts M0TAZ | Chelmsford – Oaklands Museum, 7:30pm |

Club Nets

CARS meets for talks/events on the first Tuesday of the month. The subsequent Tuesdays have club radio nets as follows:-

- 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 & Exam Dates

Our training pages have sessions listed for Foundation, Intermediate and Advance.

We will start 2019 with both Foundation and Intermediate Courses – see more info and dates soon

Remember that the syllabus changes in August 2019, so sign up early for a course/exam before that!

Our training manager Peter M0PSD is keen to hear from candidates for the courses, as well as any needing practicals or other help.

| Course | Dates | Comment |
|---------------------------------|---|--|
| Foundation-39 & Intermediate-18 | Thu Jan-17 th – Feb 21 st | Foundation and Intermediate course in parallel |

Contact: Peter Davies M0PSD, training2019@g0mwt.org.uk Web: www.g0mwt.org.uk/training

 Follow @TrainWithCARS

 Follow @ChelmsfordARS

December Meeting: Xmas Social

The December meeting was well attended as seasonal refreshments and other entertainment was on offer

The refreshments included: Warm Mince Pies, Mulled Wine, Stollen, Sausage Rolls & Cheesecake - and there were two lovely homemade creamy cakes. Our thanks to John G8DET and Jamie's XYL for that - and to Ann and Myra serving the tea and coffee.

Entertainment included Tony G4YTG on his Yamaha piano and a fun seasonal quiz by Murray G6JYB



Peter M0PSD introducing the evening

The refreshments had a seasonal flavour...



Mince Pies and Sausage Rolls - were accompanied by two delicious homemade cakes

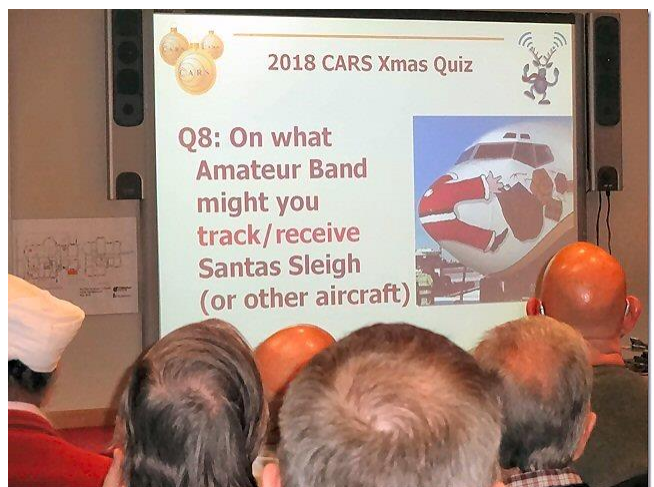
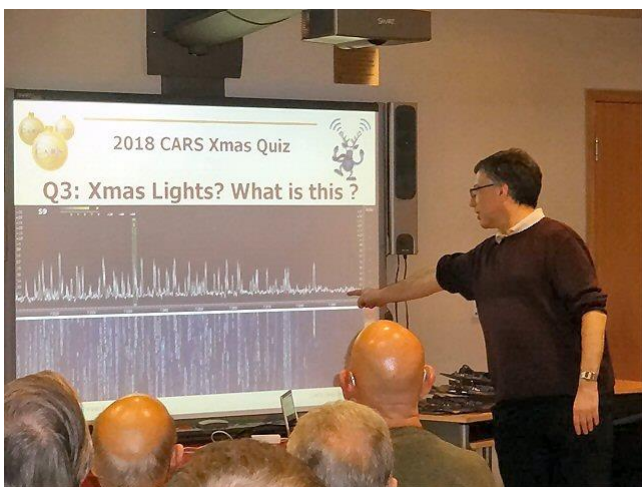
Following a very enjoyable socialising time, the CARS Raffle was drawn. Vice Chairman Elliot 2E0JSE did the honours and the raffle prizes also had quite a seasonal flavour too...



Elliot calling out the tickets for Xmas raffle prizes



Entertainment –Tony G4YTG with his Piano (Photo: G8DET); and Murray with the Quiz (Photo: Colin G0TRM)



Some of the Seasonal Quiz Questions (Photos: Colin G0TRM)

Training News

December was a busy month with both the Advance course concluding and a rush of Foundation and Intermediate Exam candidates as well...



Happy Foundation candidates - Left: Wed Dec-5 - and Right: Thu Dec-6



Thu Dec-6: Three Happy Intermediate Candidates

The Advance course was the largest ever and the exam session was even busier as we had the Foundation and Intermediates present too...



The main Exam room set up for Thu Dec-5: Beforehand – All set up and quiet...



Advance Candidates at the front - Nearly ready to start...

Training in 2019

It is our intention to run both **Foundation and Intermediate Courses** commencing the 17th January, 2019

- **Foundation Licence Course:** 6 weeks inclusive of Practical's, Mock and Exam.
- **Intermediate Licence Course:** 6 weeks of theory Mock and Exam, with Practical's being taken on Skills Night

The two courses will run at the same time in separate rooms. With regard to costs etc:-

- **Foundation Course** cost is £60.00, including Foundation Manual, Exam Fee and Room Hire
- **Intermediate Course** cost is £80.00 which includes Intermediate Licence Manual; All project materials, Exam Fee and Room Hire.

Also for those who are self- taught, we offer Practical's and Exam Only. All enquiries are welcome – there is no need to be a club member

In March/April the courses will run again with up to 7wks available for the Intermediate. After that we have the final opportunity to take Advance - all ahead of the Syllabus changes later in the year

Practical's and Exam-Only Fees

- **Foundation £40.00**
- **Intermediate £20.00 for the Practicals; and £40 for the Exam**

Interested ?

Please contact:

Peter Davies M0PSD Training Manager

Email: training2019@g0mwt.org.uk

After a Happy End to 2018 >>>>>

Rounding of a busy 2018...

On Monday 17th December, another successful exam session saw

Chantelle (left) thru Foundation and Daniella (right) pass Intermediate

Merry Xmas!



Are you a Busy Bee?

CARS members weren't the only ones at the Xmas Social - these guys were pretty busy too...



Oaklands Museum at Xmas - A Live Demo !

Plans for Skills Nights in 2019

The emphasis is on Training and Furthering the Skills of Radio Amateurs. As always the events are open to all, you do not need to be a member of the club. – and **run by the CARS Training Team**

- Table-top Sale and Bring & Buy Sale. (Cost 10% of sales Max. £3.00)
- Membership: Renewals and Course Enquires
- **New:** Post It Board: For anyone with Radio-related or Antenna Problems, Place your problem on the post-it board to let other people see what problems they can solve for you. There is a wealth of expertise within the club and its members ready to assist
- Tools and Soldering Irons: These will be available for anyone for repairs. There will also be kits available for sale and making, with or without help.
- Essex CW Club: Interested in Morse? – always willing to help - from beginners to the experienced
- Foundation and Intermediate Practical's anybody from any club Welcome
- Exams in the Exam room Any of the three Exams can be taken, 3 weeks' notice required.
- Fun Teaser Quiz from Murray G6JYB
- Refreshments and a social get together come and catch up with old friends

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