



Chelmsford Amateur Radio Society Newsletter

January Meeting

**Tue 2-Jan-2018, 7.30-10pm
Oaklands Museum, Moulsham Street**

Antennas

By Justin Johnson G0KSC

For our January meeting we are pleased to have guest speaker Justin Johnson G0KSC antenna developer and founder of InnovAntennas.

Justin will be speaking about the latest antenna developments.

His recent work has included how stacked yagis can be enhanced and log periodics optimised.

CARS will also have its famous prize raffle and refreshments

- All welcome !



**CARS Membership Subs – Great value at still £15/year.
Pay Online by PayPal at:-
<http://www.g0mwt.org.uk/society/membership/e-form.htm>**

CARS Wish you all the best for 2018!

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Club Diary

Tue 2-Jan-2018	Meeting: Antennas by Justin Johnson G0KSC	Chelmsford – Oaklands Museum, 7:30pm
Mon 15-Jan-2018	Skills Night	Danbury 7pm
Thu 18-Jan-2018	Start of Foundation Course-37 and Morse Classes	Danbury 7pm
Sun 4-Feb-2018	33 rd Canvey Rally	Paddocks, Canvey Island, 10;30am
Tue 6-Feb-2018	Meeting: RSGB Past Present & Future, Keith G3WRO	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 the 2018 sessions listed for Foundation, Intermediate and Advance at or usual Danbury venue.

Our training manager Peter M0PSD is keen to hear from candidates for the 2018 courses, as well as any needing practicals or other help. Note the new 2018 training email address – the 2017 one will be closed to limit spam.

Our Morse Classes also restart on January 18th (Andy G0IBN is coordinating these as usual)

Course	Dates	Comment
Foundation-37	Thu Jan-18 th – Feb-15 th	Sign up now!
Intermediate-17	Thu Mar-22 nd – Jun-7 th	Sign up now!

Contact: Peter Davies M0PSD, training2018@g0mwt.org.uk Web: www.g0mwt.org.uk/training

December Meeting: Xmas Social

The CARS meeting on Tuesday December 5th had a seasonal and socialising theme. Following some opening greetings, there was news on recent and forthcoming events and a presentation of flowers to Ann Salmon and Myra M0MYR. This was followed by an informal evening as socialising and some nice refreshments got underway. Later, a bumper prize raffle and a seasonal Xmas quiz concluded proceedings – A very enjoyable evening! - see more at <http://www.g0mwt.org.uk/meetings/past17-oct-dec/#December>



The start of the evening included a presentation of flowers to Ann Salmon and Myra M0MYR



Xmas info and goodies! – Our thanks to John G8DET for his Mince Pie research



Xmas Puzzles and Quiz



A bumper Xmas Raffle, as well as fresh bargains was on offer

Chairman's Vision for 2018 - Peter M0PSD

Having been in the job for three months, my vision for the club 2018 is to integrate the sections of the club together, the social side, training, CW club and the committee into one, so everybody knows what is happening to the club maybe more people will participate in the activities. These activities are for everybody to be able to join in not the few.

Marconi is part of our heritage - it was where Chelmsford ARS started from.

We already have a club member Jim Salmon 2E0RMI working very hard for the Marconi broadcasting centenary events coming up in 2020/22.

We will be active and on-air from Sandford Mill, Marconi Hut on International Marconi Day, 21st April 2018. Any member wishing to participate should let Tom M6LYQ know (m6lyq@g0mwt.org.uk), who will collate enquiries and organise time slots for those wishing to transmit. It includes all levels from Foundation to Full licence, with Foundation getting preference.

Training Success

CARS is pleased to announce three candidates who sat there Advance Exam on 7th Dec passed

- Adrian Moss M0MMU – passed with Merit he drove up from Kent to take his exam
- Emily Hanna M0UHH – daughter of on of our trainers. Alan M0IWZ
- Bob Fulcher M0IPE – club member and now wishes to become a trainer and join the training team

During the same session, we also had two club members pass their Foundation licence:

- Tom M6LYQ (photo below)
- Jamie M6LZI

CONGRATULATIONS to them all!

A reminder that our next courses are:

- Foundation Course-37 commences 18th January 2018
- Intermediate Course-17 commences 22nd March 2018

There are still a few places available for each course



< Dec-7 Setup

Tom M6LYQ >



Next Skills Night: January 2018

Monday evening, 7pm Jan 15th 2018, is the next Essex Skills Night, run and hosted by the CARS Training Team. It does not matter whether you are a club member, or from other clubs, not licensed, or just interested - All are Welcome, and it is Free!

The provisional activity list includes:-

- **Radio:** A chance to boost your confidence on the radio with Kristian M0SSK and Chris 2E0CUU - with FM, HF, and D-Star
- **EchoLink:** Jim Salmon 2E0RMI will be there to help you use EchoLink. Feel free to ask what ever questions.
- **Coax / Antenna Leads:** Make your own patch leads, with guidance from a trainer. (PL259, N or BNC connectors) at cost price. Also Antenna advice available.
- **Setting Up:** Station Build with Tom M6LYQ (Assistant Trainer)
- **QSL/QRZ:** Learn about QRZ.com and eQSL
- **Practicals:** Get your practicals signed off for your next Exam with Peter M0PSD - especially if you are on an online course
- **Slim Jims:** Antenna kits for 2m and 70cm can be ordered

and of course...

- **The Quiz:** A Foundation Fun Quiz with Murray G6JYB and any technical advice or questions

We are here to help, you ask what you need to know.
NO question is silly question!. We have all been there, just ask?

Refreshments: Tea and coffee will be on offer too, thanks to our team in the kitchen, keeping customers happy! - Donations are most appreciated

Note: The next CARS Foundation course starts on Thu 18th Jan 2018. A few places remain...
Contact Peter M0PSD (CARS Training Manager),

- Email: [training2018 at g0mwt.org.uk](mailto:training2018@g0mwt.org.uk)
- Web: www.g0mwt.org.uk/training

Any Foundation or Intermediates interested in becoming an Assistant Trainer, please see Peter M0PSD

Do come & tell us what you would like to see at Skills Night?

Note: Skills does not happen by itself, so we are open to offers for demos etc from both CARS members and other clubs/amateurs. If you want a table for a demo, do email us beforehand and we will fit you in

As always, various members of CARS, and other local groups/clubs will be on hand to help with questions, as well as volunteers in the kitchen doing the tea/coffee and nibbles.

Venue: [Danbury Village Hall, CM3 4NQ](#)

More on skills: www.g0mwt.org.uk/skills



Cubs-2: Morse Key Trainer

Following the previous visit to 1st Woodham Ferrers Hyde cub pack to help them with their Communicator Badge, CARS Chairman Peter M0PSD and club photographer Kristian M0SSK went along to the cubs Christmas party on Wednesday December 13th to present to them a Morse Key Trainer. The club has also been invited to two further cub packs to help with their Communicator Badges.



Morse Classes

After the Christmas break, Morse Classes will be starting again on Thursday, January 18th, 2018, at Danbury Village Hall, starting at 7pm.

We cater from the complete beginner to the operator who wants to improve his morse skills. If you are a complete beginner we will cover all the letters, figures and characters in 8 weeks.

We have a separate class if you would like to increase your morse skills.

Bring your morse key if you have one, pen and A4 sized note book.

COME AND ENJOY THE ART OF MORSE CODE!

See the Chelmsford Amateur Radio web page - you do not have to be a CARS member.

Andrew Kersey G0IBN

Tony G4YTG: My Life in Amateur Radio

My parents bought me an SX24 Hallicrafters Receiver when I left the Technical College to start work with the GPO as a Youth in Training. We used it as the main set at home and I used to listen to "The Shaving Club" on Top band. (It is still going). During my two year course they allowed me Day Release to attend 'The National Certificate in Light Current Electrical Engineering (Radio and Telephone)' at the college, where I met some Marconi Apprentices and we had a mutual interest in building radio gear from ex government material from the scrap yard in Wood St. Chelmsford (most of it new and unused).

During these two years I was sent to work with all the sections for experience of telephone fitting, Exchange maintenance, and "Poles and Holes" (telephone wires and underground cable jointing - lead plumbing job in those days). These were the days of compulsory National Service and they delayed calling me up until I had the certificate. Then came the dreaded call-up and report to Royal Signals, Catterick Camp. After the initial square bashing where they made us soldiers(?), I used the radio qualification to persuade them to send me as a Radio Mech. rather than a Tele.Mech. where most of the Post Office Employees went. I started the 20-week course which had a test each week that you had to pass or do the week again. I managed to pass top of the class each week as it was the same theory as my Nat. Certificate. They took me off the course two weeks before the end gave me an instructors course and a stripe(lance corp.) and put me on instructing at Week-10. This is where I had a regular soldier in my first class who had been re-doing the weeks and had started with me at Week-1.

The unit had an equipped Radio Club at which you were encouraged to spend your leisure evenings, two 70ft masts with a 280 ft dipole, two 25W army transmitters on a control desk with two AR88 receivers. Anyone with a licence was allowed to operate or listen on the 5 or 6 HROs spread around the Hut

I was eventually made Troop Sergeant in charge of some 20 instructors on the practical half of the course before I was demobbed.

Returning to the GPO I asked for a radio job if they had one, and they appointed me "Radio and Television Interference Investigation Officer". What a mouthful! This job included Amateur Inspections where Licensees, had to have the station inspected yearly to check the power and frequency accuracy of their transmitters (nearly all homemade in those days).

I sometimes spent half the night working DX with the very friendly Hams I met, inspected and signed off.

In 1960 I was moved to a new post at the HQ in London on the microwave link division. It was involved in the aerials and construction of the Post Office tower, including sorting out the loss of TV services after the bomb in the ladies toilet above the aerial galleries.

Whilst in this group I took my amateur licence exam and became G8ZWX, with mobile gear in my car being used as I visited the Microwave Stations in England Scotland and Northern Ireland.

My next move was to the Aerial and Structures Group, dealing with erection of Towers and Dish and Horn aerials for the inland microwave service. I was then offered the Head of Aerials and Structures post which I accepted, which was all BT, as we were then. This included Overseas Services Stations HF Aerials at Rugby with 900ft masts and Ongar, Dorchester, all the coast stations and the big dishes at Goonhilly. What a job for a Radio Ham! I was able to play radio with all this expensive gear, having also by this point passed the morse test, so I was G4YTG - and being paid as my job was my hobby.

My final move up was to the Chief Engineer of BT Maritime Services, from which I retired in 1989.

Rapid promotion from youth in training to chief engineer in 44 Years!

I enjoyed every bit of it and try to keep up to date, but have a certain amount of worry with these tiny three-legged fuse things called transistors.

Tony Gilbey G4YTG President of C.A.R.S.

Kempton Rally Trip Reminder

Coach Trip to

KEMPTON RADIO RALLY
Sunday 15th April 2018

Cost is £12-15 for the coach + Entrance Fee*

If you are interested in going please email:
Peter Davies M0PSD Chairman@g0mwt.org.uk
- who is making up the list.

50 Years Ago

Jan 1968 (CARS Newsletter 25): The next meeting of the Society will be on Tuesday 2nd January 1968. Mr G.N.S.Taylor BA of the Marconi Company has kindly agreed to give his talk on 'Radio Control Models' - just one of the many in our Newsletter archive at: <http://www.g0mwt.org.uk/newsletter/archive.htm>

More Help Still Wanted !!...

- **Newsletter Editor**
- **Newsletter Items**
- **Help/items for Canvey Rally**



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