



# Chelmsford Amateur Radio Society

Established 1936

Affiliated to the RSGB Club Call Sign-G0MWT  
President-Carl Thomson, G3PEM Chairman- Chris Chapman G0IPU  
Treasurer-Peter Davies, M0PSD Vice President-John Bowen, G8DET

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LOTTERY FUNDED

Newsletter No 593

Web Address: [www.g0mwt.org.uk](http://www.g0mwt.org.uk)

August 2015

**August Meeting**  
**Tue 4<sup>th</sup> August-2015, 7.30-10pm**  
**Oaklands Museum, Moulsham Street**

**"Constructors Competition"**  
By CARS Members

It is the time to show what you have made this year - be it a Linear, QRP Transceiver, an Aerial or some Radio Software. If it's rather large - fear not - CARS will accept entries (and have done so in the past) from still photographs to video clips.

Preferably it should be about Amateur Radio, but providing you assembled it - enter it. The only real Rule is that it must be electrically SAFE.

Carl, G3PEM will be your host for the evening - CARS Members will be judging the entries. Will it be you who walks away with the First Prize? First Prize is £15, with lesser amounts for 2nd and 3rd places. There is also a prize for the best new entrant who has not won a prize before.

Visitors welcome - CARS will have its famous raffle

### Dates for your Diary

|   |   |
|---|---|
| Tues 11 <sup>th</sup> , 18 <sup>th</sup> , 25 <sup>th</sup> | CARS - Evening Radio Nets @ 8:00 pm (Local). See Website for details. |
| Every Monday  | Essex Ham 2m Net @ 2000h GB3DA  |
| Tuesday 4 <sup>th</sup> August                              | CARS Meeting -  |
| Monday 17 <sup>th</sup> August                              | CARS Skills Night, 7pm Danbury Village Hall                           |
| Tuesday 1 <sup>st</sup> September                           | CARS Table top Sale – Oaklands Museum                                 |

### MORSE CLASSES

Come and join our friendly class of CW enthusiasts.

Classes will start again at Danbury village hall on Thursday, 3rd September, starting at 7pm. We cater for all aspects of CW from the beginner to the CW operator who wants to improve his CW skills.

As in life, you only get out what you put in, so, as a beginner, you must be prepared to spend 8 weeks of graft to learn the letters, figures and characters. We look forward to seeing you there.

ANDREW G0IBN 01621 868347 [g0ibn@kersey1.freemove.co.uk](mailto:g0ibn@kersey1.freemove.co.uk)

COLIN M1OCN [secretary.essexcw@gmail.com](mailto:secretary.essexcw@gmail.com)

### Thoughts of Days gone by:-

Is it not a shame that the personal touch seems to have disappeared from our daily lives.

Send me a email, get me on Facebook, or go to the website.; where is the personal touch!

If only we all try a little harder.

Having been in the Service Industry for many years, I always remember the old saying "The Customer is always right". Can we say that today? it is usually the other way around The customer is never right!!!

What has happened once again to that personal touch, with a friendly face, a smile, and a greeting that comes with it.

At least we still get it from CARS members on Club and Skills Night.

**Peter M0PSD Treasurer**

### Nets

Tuesdays **2000h** (11<sup>th</sup>) GB3DA, (18<sup>th</sup>) GB3ER, (25<sup>th</sup>) 1.947MHz,

Also there is the Essex Ham net every Monday @ 2000h on GB3DA

**Net Controller for August is Carl, G3PEM Thanks to Peter, G3SUY & Colin, G0TRM for July.**

*ALL factual content presented is "as received" from the contributors of the articles; the editor accepts no responsibility for its accuracy, errors or omissions.*

**July Meeting**  
**Tue 7-Jul-2015, 7.30-10pm**  
**Oaklands Museum, Moulsham Street**

**"Evolution of Submarine Cables"**

By Bernard Logan



At the CARS July meeting we had an excellent talk given by Bernard Logan entitled The Evolution of Undersea Cables. For many years Bernard worked for Marconi at their Great Baddow Research works involved in radar controlled gunnery, but for the last 25 years or so undersea communication cables have been his domain

Our grateful thanks to Bernard for a most interesting and absorbing talk. We learnt much about just what is involved in sending an email almost instantaneously, from one side of the world to the other.

**Colin G0TRM**

Much more detail on the website. ([click here](#))

**Chelmsford Amateur Radio Society - Museum Of Power, Langford**  
**Family Fun Day Sunday 26th July 10am to 4pm**



The Society was asked to join the Museum of Power on there "Family Fun Day", and to that end we agreed to put on some hands on, radio related activities. These included a DF hunt, Radio Controlled Cars with remote viewing, Electronic Kit, Morse Keys, the Morse Mouse Game, Morse Keys demonstration and a HF / VHF amateur Radio Station for the passing of greetings messages using the Club Callsign GX0MWT.

Starting at 9:00am for the initial setup of the activities as the doors open to the public at 10:00am to 4:00pm.

Unfortunately the weather was not at its best so the DF hunt and Radio Controlled Cars with remote viewing, were not used. Whilst the radio station was on air a few contacts were made, mostly on HF with a few on VHF. Conditions on HF were not good, 40M seemed mostly dead, 20M had the usual contest running and proved to be interesting to listen to.

The Morse Mouse game proved popular with the younger visitors, and the older too.



A first for CARS was an electronics kit (snap circuits) which was received very well. One young lad spent a lot of time on the kit, finding the instruction easy to follow. The rain never let up until the end of the event. Getting the antennas and mast down in the rain was a bit of a task, but as a team we managed to get cleared up very quickly.

Many thanks go to all who help in this very successful event

**Christopher Chapman G0IPU (Acting) Chairman CARS**

If you would like to help on the CARS activities days, please contact me on [chris.chapman2013@sky.com](mailto:chris.chapman2013@sky.com)



**G-QRP Convention 2015.**

This will be held this year again at Rishworth School, Rishworth, West Yorkshire (to the west of Huddersfield). As usual, there will be trade and club stands, private "junk & jewels" stands, a "bring & buy" facility, and food/drink (the famous "pie & peas" should be available), with space and tables for resting, eating and meeting with friends. Also, throughout the day there will be a series of talks on various subjects dear to the heart of radio amateurs, always informative and often amusing. .These talks are what helps make this event stand out as better than a normal rally.

The date is Saturday, 24th October - unusual for rallies!. 10am start for visitors. Plenty of parking, both at the school and on the main road outside.

[More details next month.](#)

**Dave, G3PEN**

## **CARS Tabletop SALE. 1<sup>st</sup> September 2015**

Looking for bargain?

Do you have something to sell?

Now is your opportunity!

Book a table at CARS September Table top Sale. It's time to start sorting those unused radio bits and pieces that are gathering dust in your shack.

Perhaps you have too many rigs already and want to make more room.

What better chance to make a clean start: get rid of all the things you have not used for years. What about that stuff in the loft?

If you have something to sell, contact Colin G0TRM. 01245 223835 or email [colinpage@ukgateway.net](mailto:colinpage@ukgateway.net).

Tables are £3 to non-Members. Paid-up Members free.(Donations welcome)

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## **Skills Night 20<sup>th</sup> July 2015**

I was a little late to see the start of the Skills Night, but needless to say it was very well attended with over 60+ participants from all licence levels from all over Essex, and beyond, the furthest being Matt G7FQW, visiting from Rossendale, Lancashire.

The activities on offer for the night were:-

Antenna construction led by Peter, M0PSD ably assisted by Chris, 2E0CUU, where 450ohm twin feeder Slim Jim antennas for 2m or 70cm were on offer.

Essex CW Club were on hand with Rob, M0KCP and Dean, G4WQI running a 20m station demonstrating CW to interested onlookers. They hope to start the CW classes soon at Danbury Village Hall. There was a minor technical hitch that was overcome by making an antenna lead, this was sorted by the construction department, thanks to Peter, M0PSD for the help.

Hand Held Radio Programming was well attended where Charlie, M0PZT was on hand to help you program the latest Baofeng offerings along with the more common radios, it seemed that the preference was Yaesu Radios this month. Also Charlie had an Arduino CW keyer that he was working on.

Satellites were on offer as a display where Steve, M0SHQ was very busy explaining the finer arts of satellite working. He also had some pictures, sent from the ISS, which he had received over the previous weekend.

Jim, 2E0JTW and Glynis, 2E0CUQ were very busy making callsign badges, with lots of new callsigns being issued recently due to the recent candidates for the successful training courses here at CARS, and some from SEARS.

Well done to all in you recent exam passes.

Paul, G7BHE, at short notice, put on a digital voice-over-radio demonstration. Both D-Star and DMR were on display and Paul was on hand to answer questions about digital voice. If you missed Paul's demo, I have it on good authority he will be back next month with this ever growing new arm to the hobby.

The mind testing quiz was run by Clive G1EUC with questions from members submitted earlier in the week. If you would like to assist in the question department, please get in touch.

Peter, M0SPX had his "Essex Ham Quadcopter" and assorted demos of technology along with advice on cost and where to get them. Demos included SSTV and Essex club activities on a repeating video.

I had the honour of signing up 3 new members to the Society and look forward to seeing them at the club meetings.

This was all helped along by the kitchen, where David and Myra were helped by Ann. The coffee, tea and cakes making it a superb event.

Our thanks go to Peter, M0SPX for the background organisation on this fantastic event.

**Christopher, G0IPU**

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## **Presidential Jottings**

The AGM is in a couple of months' time and I would ask you all to consider what help you can give to your society. The Committee has done a superb job but new members are always required, so please do not be shy and offer to stand on the committee.

In August we have the Constructor Competition, bring along your project and show us what you have been up to on the construction front since last August. Cash prizes are on offer!

If you have just been licenced and require a mast I have a four and half to five metre thick wall aluminium pole to dispose of, so please see me on club night.

**Carl, G3PEM**

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## **And Finally:-**

**Remember, any articles you feel may be of interest to members are welcome as are details of items for sale or wanted. Send to [cars.editor1@gmail.com](mailto:cars.editor1@gmail.com).**

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***Closing date for items in the next Newsletter –  
Wednesday 26<sup>th</sup> August***