



# **Chelmsford Amateur Radio Society**

## **Newsletter**

### **September Meeting**

**Tue 3-Sep-2019, 7:30-10:00pm**  
**Oaklands Museum, Moulsham Street**

### **Life as a Radio Officer**

**By Dave Ellis G4AJY**

Local CW enthusiast Dave Ellis G4AJY served in the Merchant Navy as a Radio Officer in his younger days.

His is frequently asked what he had to do to become an R/O, what the R/Os job was like, and what life was like after leaving the sea.

In a talk entitled "My Time as a Radio Officer" Dave will answer these questions and much more as he covers:

- Training for the Job
- Duties at Sea
- Trips and Travel
- Life after the Sea



**Blue Star Line: MV New Zealand Star**

Note that we are back at our normal venue at Oaklands.

The famous CARS Raffle and refreshments will feature too!

**Volunteers Needed: The CARS AGM in October will see our Treasurer retire.**  
**Please do think about stepping forward whether it be for that or other roles!**

**In this issue:-**

Club Diary..... 2	Training – Recent Passes.....5
Club Nets..... 2	Training – New Syllabus .....5
Training & Exam Dates ..... 2	For Sale.....5
August Meeting: Constructors Competition ..... 3	

## Club Diary

Tue 3-Sep-2019	Life as a Radio Officer, Dave Ellis G4AJY	Chelmsford – Oaklands Museum, 7:30pm
Tue 1-Oct-2019	CARS AGM – volunteers needed!	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:-

- 2<sup>nd</sup> 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
- 3<sup>rd</sup> 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.
- 4<sup>th</sup> 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.
- 5<sup>th</sup> 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

Following a really busy period especially for Foundation and Intermediate training – a short break will enable us to revise material for the new RSGB 'Syllabus-2019' which came into effect on Sept 1<sup>st</sup>.

However we still welcome enquiries and indeed have Morse Classes underway and the hall booked for a winter mocks/exams as well below.

Our training manager Peter M0PSD is always keen to hear from candidates for the courses, as well as any needing practicals or other help. An update to the training calendar will be published in due course.

Course	Dates	Comment
Full-24E	Thu Dec-5 <sup>th</sup>	Full - with opportunities of mocks and others before

**Contact:** Peter Davies M0PSD, [training2019@g0mwt.org.uk](mailto:training2019@g0mwt.org.uk) Web: [www.g0mwt.org.uk/training](http://www.g0mwt.org.uk/training)

 Follow @TrainWithCARS

## August Meeting: Constructors Competition

The August meeting was the annual CARS constructors' competition. Whilst a regular event, the venue was a little unusual in that the large hall at Danbury was used, as Oaklands was not available.

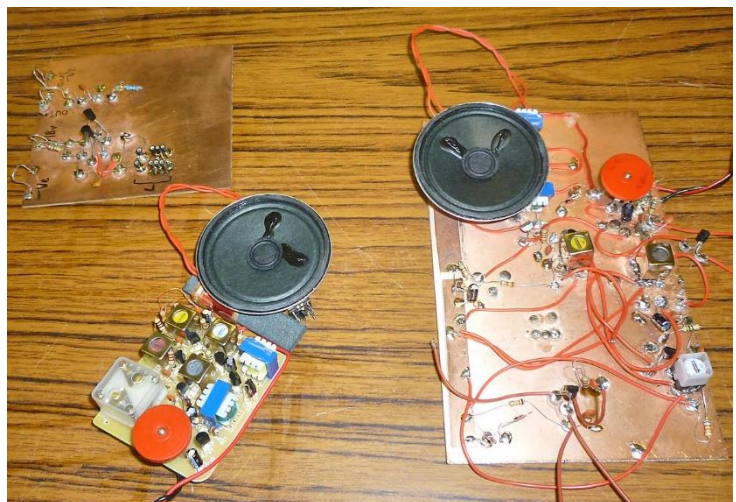
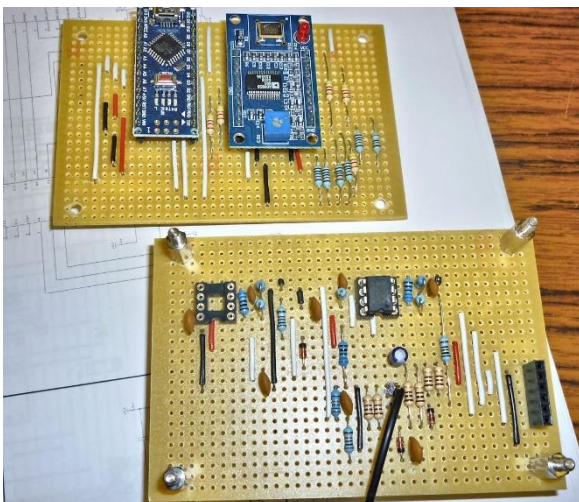
Three fine entries were presented –

- Andy Tyler G1GKN opened the evening with a 10GHz receiver for the QO100 geostationary satellite
- Kevin 2E0FEQ gave an inspiring tale of perseverance and self-training as he first tried to build a Chinese circuit design, only to find issues and then build his own test circuits as well to diagnose it.
- Finally Alan M0IWZ presented how he had adapted an Arduino to be an antenna and network analyser.

CARS President Tony Gilbey G4YTG handled most of the honours and counting up all the votes in what was a close run result.



**John G8DET commenting on the Satellite dish entry - and others looking at the entrants at breaktime**



**Alan's antenna analyser and Kevin's circuits**

Following a very nice tea and cakes break, Tony announced the results and presented cash prizes of £5, £10 and £15 to the winners.



**Left 2<sup>nd</sup> Prize – Kevin Polston 2E0FEQ**



**Right 3<sup>rd</sup> Prize – Alan Hanna M0IWZ**



**1<sup>st</sup> Prize – Andy Tyler G1GKN**

## Training – Recent Passes

As we reached the end of a busy half year ahead of the new syllabus it is pleasing to report two further Advanced exam passes/callsigns

- Daniel Peacock is now M0OBM
- Steve Phillipso is now M0LCF

Congratulations to both!

---

## Training – New Syllabus

The new RSGB exam syllabus for all three levels – Foundation, Intermediate and Full took effect from September 1<sup>st</sup>. The largest change is the extra content at Intermediate level, but also note the new name of the Full-exam - as the former 'Advanced' name has been retired.

There is also a limited transition period until November 30<sup>th</sup> for anyone who wishes to retake a previous failed exam under the old syllabus – contact Peter M0PSD who has that detail.

If you fancy some practice the RSGB has new mock exams (and old ones) online and other info:-

- Mock Exams - <http://rsgb.org/mock-exams>
- Updated material includes [New Exam books](#) etc

The CARS training slides will gradually be updated to cover the latest topics, but still provide quite a useful guide for most items in the meantime.

Peter M0PSD, Training Manager

---

## For Sale

There are a few items looking for a good home:-

**Stolle Antenna Rotator:** In good condition as per photo, elderly but working (A bit like me) £20 or offer.

This can be seen at the September meeting.

**RH Corner Desk:** A brand new right hand corner shack desk size 63x32x48 inches. Light Oak/Beech finish Ikea Effective. With extra 32x32 inch ext panel. Framework and adjustable height legs. Still wrapped. £50.



Colin Page G0TRM, E: [colinpage10@btinternet.com](mailto:colinpage10@btinternet.com) , T: 01245 223835

---

Copyright – Chelmsford Amateur Radio Society - All contributors acknowledged

Editor: [editor@g0mwt.org.uk](mailto:editor@g0mwt.org.uk)

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