



# Chelmsford Amateur Radio Society

Established 1936

Affiliated to the RSGB

President: Carl Thomson, G3PEM

Treasurer: Brian Thwaites G3CVI

Club Call Sign: G0MWT

Chairman: John Bowen G8DET

Vice Chairman Martyn Medcalf G1EFL



LOTTERY FUNDED

Newsletter No 567

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

June 2013

## This Month's Meeting

- **NEW DATE:** FRIDAY, 14<sup>th</sup> June. Doors open 7pm for 7.30pm Start
- **NEW VENUE:** Great Baddow Parish Hall, 19 Maldon Road, CM2 7DW.

## "Naval Radio Equipment for the Radio Amateur"

By Charles Riley, G4JQX of Yacht Radio in Wiltshire

Charles's company buys up surplus stock from the Royal Navy Quartermasters' stores and sells it on to Radio Amateurs. Being ex-Navy, it will be extremely well made, would have been expensive when in production and will be engineered to last - some being made by Marconi in Chelmsford.

This talk aims to convey an understanding of what is beginning to appear on the surplus market with an emphasis on ex-Royal Navy equipment. It will give you a guide as to what is available, what to use it for, what is useful and what is not. It will also help you avoid making mistakes

He will be bringing along some examples of what is available, as well as some unusual items.

Charles has been a Radio Amateur since 1979, first holding the call G8OHD, then G4JQX in 1980. He has had a number of Amateur Radio articles published and is currently obsessed by chasing Sporadic E contacts on 4m.

Look him up on The Web at <http://www.yachtradio.co.uk/yachtradio/Welcome.html>

G3PEM and James, 2E1GUA will staff CARS now famous Raffle, please support. See you there?

## Dates for your Diary

Tues 4, 11, 18 & 25 June	CARS - Evening Nets starting at 7.30pm local time. See schedule below or Web Site.
Wed 19 June	CARS – Committee Meeting @ 7.30pm in Danbury Village Hall.
Monday 1 <sup>st</sup> July	CARS – Amateur License Examinations at Danbury Village Hall @7pm.
Friday 5 <sup>th</sup> July	RSGB Centenary Day at Bletchley Park
Friday 12 <sup>th</sup> July	CARS – Meeting – Preparation for Operating G100RSGB, see below.
Sat 20 <sup>th</sup> July	CARS - Operating G100RSGB from Sandford Mill
Sun 21 <sup>st</sup> July	CARS - Operating G100RSGB from Chain Home Tower, Great Baddow.
Sun 28 <sup>th</sup> July	W&S Open Day – 40 Year Anniversary at Hockley – Not to be missed.

To be/remain a Member of CARS, send a Cheque for **£15** – Adult Membership (16s and under are FREE) to:- Mr Brian Thwaites, 118 Baddow Hall Crescent, Great Baddow, CHELMSFORD, CM2 7BU.

If you would like a receipt, please enclose a stamped addressed envelope with a 2<sup>nd</sup> class stamp.

May we remind you that if you have NOT paid your Subscription for this year you may be deemed to NOT be a Member of CARS and NOT entitled to Newsletters, etc.

Thanks to Geoff, G7KLV for sending the postal Newsletters – could it go by E-Mail to reduce our postal costs?

Please inform Brian, G3CVI by E-Mail at [g3cvi@g0mwt.org.uk](mailto:g3cvi@g0mwt.org.uk) of any changes to your callsign, postal or E-Mail address, etc. Only by **YOU** sending Brian your E-Mail address, can we ensure **WE** get it right!

Club Nets: Tuesdays 7.30pm (1<sup>st</sup>) 145.375, (2<sup>nd</sup>) GB3ER, (3<sup>rd</sup>) 1.947, (4<sup>th</sup>) 28.375 (5<sup>th</sup>)3.756MHz +/-QRM

NOTE – Simplex 2 Metres on [145.375MHz at present](http://www.yachtradio.co.uk/yachtradio/Welcome.html) – or GB3DA.

Net Controller is Patrick M0XAP.

Many thanks to Geoff, G3EDM and Patrick, M0XAP for May.

## Last Month's Meeting: "Quality Bring and Buy Sale" - Joint Meeting with TARG.

The first joint CARS / TARG event, the Tabletop Sale, was held on the evening on the 3<sup>rd</sup> of May 2013 at Jubilee Hall, Waterside Farm Sports Centre, Somnes Avenue on Canvey Island. The evening was very well attended by Members of both Clubs. Many Members picked up a bargain or too, or won a prize in the joint Raffle. Peter, M0PSX has prepared a short video of the evening, which is on YouTube. He has also put together a short write-up with photos on his Essex Ham Website:

Video clip: <http://youtu.be/gVG4eh2Enzo>

Write-up: <http://www.essexham.co.uk/news/targ-and-cars-tabletop-sale-report.html>



TARG Chairman, Mike Byrne, M0MMB presenting CARS Chairman John G8DET with a commemorative mug.



Photograph of the bustling Table Top Sale.

Photos by Peter Sipple, M0PSX.

## Report by Peter Sipple, M0PSX

### This Month's Radio Sport (Contests) - All in Local times, unless stated

**1/2 June** – RSGB NFD – CW – 24 hrs

**12 June** – RSGB Club – CW – 20:00 to 21:30

**15/16 June** – JARL all Asia DX – CW – 48 hrs

**3 June** – RSGB Club – Data – 20:00 to 21:30

**15/16 June** – 50MHz Trophy – 24 hrs

**20 June** – RSGB Club – SSB – 20:00 to 21:30 local

**Steve, G4ZUL**

### CARS Propagation Forecast for this Month, prepared by Gwyn Williams - G4FKH

**Asia** *Bangkok* - around 22:00 on 7.0MHz for 81 percent of days, with poor signals.

**Oceania** *Sydney* around 20:00 on 7.1MHz for 62 percent of days, with poor signals.

**Africa** *Johannesburg* - around 20:00 on 10.1MHz for 88 percent of days, with poor signals.

**S. America** *Rio de Janeiro* - around 22:00 on 14.1MHz for 83 percent of days, with poor signals.

**N. America** *Saskatoon* - around 06:00 on 14.1MHz for 74 percent of days, with poor signals.

**Gwyn, G4FKH**

### President's Jottings

It seems a long time since I typed my last missive. We had an excellent combined meeting at the TARG club. Although billed as a Table Top Sale it also became a natter night and was enjoyed by all. Thanks to our hosts!

CARS have had two silent keys this month - Ken Hardy M0X BK and Charles Shelton G0GJS - both excellent CW operators, for whom tributes appear in this newsletter. On a personnel level I shall miss both of them as I have known them since the 1970's/1980's.

There have been several suggestions for club projects. Perhaps interested Members can come and talk to me at the next meeting. I would like to hear the views of the Membership on our Meetings. Is the Friday a good day for you to attend, are the Talks interesting, are there any Talks you would like, these are the sort of questions I would like a response to so please e mail me at [g3pem@carlthomson.free-online.co.uk](mailto:g3pem@carlthomson.free-online.co.uk). I can then correlate your responses and pass them to the Committee.

The two Marconi operating events at Sandford Mill went well and the computer logging exercise showed a couple of points that needed clarification in the instructions, these will be addressed at the July Meeting.

## **Tribute to Ken Arthur Hardy M0XBK. 11 June 1941 – 21 April 2013**

I first met Ken in the mid 1970's when he transferred from the sea going Staff of Marconi Marine to the Dock Staff. He attended one of the conversion courses I ran in the MIMCo Training School. He went on to have a successful career in MIMCo travelling the world on various projects. I became reacquainted with Ken when he studied for an Amateur Licence on our first Danbury courses, obtaining the call M0XBK. He was an excellent CW operator and supporter of CARS attending when not abroad for MIMCo.

CARS sends our most sincerest condolences to his Wife and family.

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## **Tribute to Charles Shelton G0GJS. 22 March 1926 – 26 April 2013**

Charles became a Radio Amateur in the 1980's. Charles loved to work stations Worldwide using the Morse Code and was a superb operator, he did operate using voice but this did not have the same appeal to him as Morse. He was a long standing member of Chelmsford Amateur Radio Society and was one of the first in the Society to use a Magnetic Loop aerial for transmission and reception and would encourage others to try this aerial system

Charles was Secretary of CARS from 1993 to 2000, an office which he discharged with aplomb. On retiring as the Secretary he commissioned another Radio Amateur, the late Ralph Polley, G3NAA to produce a gavel for CARS to use at its meeting, the finished article is a perfect example of the art of wood turning. Thereafter he became one of the Vice Presidents, a position he held until his passing.

During Charles time in CARS we used to enter the National field day contest in June. One year in the late 1980's we had permission to operate from Hylands Park, Charles volunteered to operate on a late evening shift and on finishing he jumped into his car and went to drive home, a few minutes later he was back, all the park gates were locked so he spent a night in his car. This definitely was NOT Charles style! That was the last time the society operated from the park location.

Charles was a long-time supporter of the Radio Officers Association which was formed for all the Marine Radio Officers and associated operators. He was one of the very first Flight R/O to join when the organisation was formed. With David Barlow, Charles was instrumental in setting up the ROA Radio Amateur Section (ROARS) for all those members interested in Amateur Radio. He was one of the main organizers of the regular communication nets and served on the ROARS Committee until his death. ROA member Dave Ellis, a fellow CARS member, recalls that when things were slow Charles would often ring up and say. "Hi, Dave, fancy a bit of CW?" I knew the drill and would come back with something like "OK, Charles, 3538 KHz in 5 minutes." We would both quickly run up our transceivers and spend the next half hour chatting away happily using high-speed Morse!"

After leaving the RAF Charles joined Marconi's as a Sales Manager in the Aeronautical Division, it was during that time he was asked to be part of a Royal Air Force Goodwill Mission to South America in October 1952. The RAF was to despatch a flight of four Canberra bombers on a sales and demonstration trip to the Caribbean and Latin America. Although Charles was working for Marconi at the time he was invited to be promoted to RAF Pilot Officer, kitted out as such and was the lead Wireless Operator and Meteorological Support Officer for the entire trip. Code-named "Operation Round Trip", the journey involved a 6 1/2-week tour of the Caribbean and Latin American states covering over 38,000 kilometres. This included more than thirty flying demonstrations which were given in thirteen countries in the West Indies, Central and South America, and doubtless were responsible in no small measure for the Canberra's subsequent sales record in that part of the world. Charles sometimes reminisced about the cocktail parties he attended during the trip always with a gleam in his eye. In the course of the exercise the Canberra's made the first jet crossings, in both directions, of the South Atlantic.

Charles left Marconi's to join Cossor in January 1963 where he started as Sales Manager and left as the Deputy Chairman. We shall miss Charles and send our most sincere condolences to his daughter Cecilia and her family.

## **Carl, G3PEM President of CARS**

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## **Tribute to Charles from: Geoff Mills**

I first met Charles at one of our Radio Amateur garden meetings, at my QTH in Little Baddow, many years ago when Roy Martyr, G3PMX was the CARS President. He knew Louis G5RV, and George Cutting, G3GNQ.

He loved to work CW and when there was a Worldwide Contest he would like to come to my QTH and to use the HF station with its beams. He was an admirer of Ten-Tec radios since it was equipment tailored for the CW enthusiast. My station had Ten-Tec gear which made him feel at home operating in my shack. He did, of course, have regular skeds on CW with his many amateur friends and Radio Officers' Association members.

Charles used to join in the SSB and FM nets on occasions but voice operation had not the same appeal as Morse. He was, of course, a professional operator having used it through WW II and since when flying Shackletons and other aircraft.

He was a very generous person who freely donated his older radios when he upgraded.

On a weekly basis Charles joined the BEARS (Beekeepers and Radio amateurs) for a lunch and drink at the Queens Head in Boreham and attended regularly until ill health prevented him from attending. I know he enjoyed that. Sylvia and I miss him greatly.

## **Geoff Mills G3EDM**

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### **An Appreciation by the CARS Committee**

CARS would like to record their appreciation for the excellent involvement of ROARS and CARS Member, Dave Ellis, G4AJY who visited Charles, G0GJS at his home, Nursing Home, Hospital, the Morse message and Poem at the Eulogy at Springfield Church Service. CARS would also like record the thanks of the many CARS Members who also assisted including Tony G4YTG, Geoff G3EDM and Carl G3PEM who read the Eulogy on behalf of CARS, the Masons, the friends who served with Charles, and his Amateur Radio friends and ROA.

### **MY FRIEND AND FELLOW RADIO-OFFICER ON THE OCCASION OF HIS FUNERAL**

*Today we meet to say goodbye  
To one who's loved by all:  
Father, Grand-dad, friend and more;  
He's answering the call.*

*We're not here to mourn your death,  
We celebrate your life.  
Your joy to have your dearest wish,  
Once more you're with your Wife.*

*We can't forget your caring face,  
That gentlemanly style;  
Easy laughter, kindly thoughts,  
For everyone a smile.*

*The stories of your flying days  
In service of the King.  
Danger, fun, and friendship,  
The perils War can bring.*

*The years of selling Radar sets;  
Travelling near and far.  
So many deals secured by you,  
In business – what a star!*

*And later, when retirement came,  
Radio skills revived.  
The Morse Key dusted off and used,  
Great pleasure there derived.*

*How you loved your Celia too!  
And Sandra was your pride.  
Somehow they will always know  
You've never left their side.*

*But Ronnie was your lifelong love,  
Your friend, your pal, your mate.  
She went ahead a while ago  
And left you here to wait.*

*Together once again at last,  
Joined till time grows cold;  
Never more to part again,  
Your love like rays of gold.*

*And so we watched you at the end,  
Fighting for each breath,  
Until that awful angel came:  
The harbinger of death.*

*In vain you fought and clung to life,  
Never giving up.  
But death's dark angel had his way  
And **all** drink from his cup!*

*Goodbye, good friend, we'll miss you so,  
We're sad we have to part.  
God speed you on your journey now,  
For you another start.*

*One day we'll all meet up again,  
No tears, just joy and love.  
With hopeful hearts our lives we'll live  
'Till we meet above.*

*One last salute to you, dear Charles:  
Of this there is no doubt;  
To me your epitaph will read  
"Eighty-Seven – Not Out!"*

## **Dave Ellis, G4AJY**

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## **CARS Training Courses – Exam Opportunities on Monday July 1<sup>st</sup> for All Three Levels!**

Courses are held at the Danbury Village Hall near Chelmsford on Thursday evenings between 7 and 9pm.

Our current Intermediate Course concluded with an exam on May 30<sup>th</sup>. Following that, the last item before the summer break is a single exam-only session for all three levels – Foundation, Intermediate and Advanced. This is set for Monday July 1<sup>st</sup>. It will for example accommodate Foundation/Intermediate retakes, provided that all previous practicals are complete/signed. If interested please ring Clive G1EUC for advice asap as the deadline for submitting exam request forms and fees is June-7.

Contact the **Training Organiser Clive G1EUC** on Tel: 01245-224577. Mob: 07860-418835  
Email: training2013@g0mwt.org.uk See also our Training page: - <http://www.g0mwt.org.uk/training/>

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## **Thames Amateur Radio Group (TARG)**

At 19.30hrs Friday the 7<sup>th</sup> June is a talk on SOTA by Peter G1FOA, and on Friday 5<sup>th</sup> July, we will be hearing from the Essex CW Group. Full details can be found at: - <http://www.thamesarg.org.uk/news/>

Meetings are at: Jubilee Hall, Waterside Farm Sports Centre, Somnes Avenue, Canvey Island, SS8 9RA. There is large free car park. The hall is immediately behind and hidden by the main Sports Centre.

**Norman Crampton, M0FZW** T: 07899 803714; E: [m0fzw@btinternet.com](mailto:m0fzw@btinternet.com)

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## **TARG Foundation Results**

TARG ran a Foundation Course over the weekend 25 & 26<sup>th</sup> May and all 8 candidates passed. Congratulations to tutors and candidates. Mark, M0IEO's son Peter and daughter Suzy passed at the second time of trying and this brings the total number of licenced Radio amateurs in the house to five and in the family to six! Is this some sort of record for the most Licenced Radio Amateurs in one family?

Mark comments: "If I thought the queue in the house for the bathroom was bad, the queue for the radio will be even worse!!"

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## **Loughton and Epping Forest ARS (LEFARS) Foundation Results**

LEFARS report that 11 candidates passed their Foundation examination on Sunday, 26<sup>th</sup> May so with the successful TARG course the same weekend there should be a lot of new M6 call-signs from South Essex on the air in June.

## **Trevor M5AKA**

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## **G8DET's Computer – back online**

Very early (00.12am) on Monday 15 April I downloaded Microsoft Update MS13-036, but part 2823324 caused a conflict with my Windows 7 and my Anti-Virus program of Kaspersky. This caused my computer to violently crash and in doing so did irreparable damage to the Motherboard and Graphics Card and Registry. Murray, G6JYB alerted me 2 days later that over a 100,000 persons were also affected. Microsoft withdrew the Update but that was too late for me. I now have a rebuilt computer based on an Asus P8Z77-V LK Motherboard, i5 3570K Processor, 8 GB of Corsair Vengeance RAM and a GeForce GT630 Graphics Card. My daughter insisted I had two new HDs and a 1TB Back-up HD. So except for my Antec 650 Watt PSU and P180 case, everything is new!

Mark, my computer guru has swapped all my data and email addresses over – hence the reason you have not heard much from me recently. Thanks to Dave Bolwell, Danbury for lending me his Laptop computer. Thanks to Peter Sipple, M0PSX for updating the CARS Web Site during this time.

## **How do you know your Windows 7 computer is working alright?**

- START → cursor to Computer (Right hand column), Right Click → select Properties and Left Click.
- Look for "Windows Experience Index" Rating. 5.9 is typical while 7.9 is the highest.
- Left Click on "Windows Experience Index" and the breakdown of your computer will be shown.
- Left Click on "View and Print...." will record your performance.

Does anyone want my "Good Bits?" New Sound Blaster 5.1vx card and CD; little used NEC 4570A DVD Writer/Player – IDE Format; new Intel Fan for Core 2 Processor; little used Freezer 7 Pro Fan for Core 2 Processor; new Intel Fan for i5 Processor; 4 off 1GB Crucial Ballistix 1066MHz DDR2 RAM.

## **John G8DET**



## Stock Windmill Event – Windmills On The Air – GB5SM – 11<sup>th</sup> and 12<sup>th</sup> May 2013

This weekend is “Windmills On The Air”, with several Essex Windmills active for this annual event. The team from CARS, led by Patrick M0XAP, operated at this unique location near Ingatestone.

The team operated both on HF and 2m, and in attendance were a number of Essex Amateurs including: Mark M0IEO, Norman M0FZW, Jim 2E1GUA, Tom 2E0TNC, Patrick M0XAP, John 2E0NNQ, John G8DET, Luke M6LNT, David M0BQC, Jim 2E0RMI and Pete M0PSX.



Tom, M6BCK provided a lovely large van which housed the main equipment while John M3NNQ provided support with his lovely painted white van. Mark, M0IEO provided the aerials and the mains was obtained from the Mill. There was not much activity to be had on the bands on Saturday but by the close on Sunday some 28 Windmills had been contacted.

Stock Tower Windmill was built around 1816 and is a fine example of the millwright's craft of that time. The windmill has been restored to working order by Essex County Council, and is open to the public on the second Sunday of the month (April to September), when it's manned by volunteers.

Report & Photo from “Happy Windmills On The Air” Weekend from the Essex Ham web site – courtesy of Peter Sipple, M0PSX. Original at: <http://www.essexham.co.uk/news/chelmsford-ars-at-stock-windmill-2013.html>

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## Ofcom Changing Policy for Amateur Radio Licenses

**Ofcom is planning a number of policy initiatives in the next few months that will have a direct effect on amateur radio in the UK.** If you want to keep up to date, you can sign up for updates on the Ofcom website at [http://www.ofcom.org.uk/static/subscribe/select\\_list.htm](http://www.ofcom.org.uk/static/subscribe/select_list.htm).

**Public Sector Spectrum Release** is part of a commitment by government to release 500 MHz of public sector spectrum by 2020. As part of these plans, the Ministry of Defence is looking at releasing 40 MHz of spectrum between 2350 and 2390 MHz and an additional 150 MHz of spectrum above 3410 MHz for new civil uses. These changes will have implications for amateur allocations (notably TV repeaters) in the release bands and may also have an impact on uses in the adjacent bands from 2310 to 2350 MHz; 2390 to 2400 MHz and 3400 to 3410 MHz.

Earlier this year Ofcom invited a group of Amateur TV repeater users to Baldock to participate in testing to determine what the impact might be in the adjacent bands. Ofcom plans to publish a consultation for amateurs about any potential changes within the next month. This will be followed later this year by a statement giving amateurs reasonable notice of any licence changes necessary. Ofcom then aims to issue a full consultation in due course.

**VHF:** Ofcom is also to consult on the release of three tranches of spectrum in Band 1, Low Band and Mid Band respectively. One proposal is that 1 MHz of Mid-Band (146 to 147 MHz, so adjacent to the existing allocation in the 2m band) could be allocated to Amateur Radio. The consultation will be published at the end of May 2013. It will be aimed at all mobile users, including business radio, maritime, PMSE as well as amateurs.

**Licensing:** Finally, Ofcom wants to review the terms and conditions of the amateur licence. The current form of the licence has been around for seven years now and Ofcom is keen to ensure that it continues to meet its regulatory needs as well as the needs of licensees. The license needs to be updated anyway to reflect the changes in allocations agreed at WRC12. That process is at an early stage and the consultation will be published early next year. All of these consultations will result in changes to the amateur license. To minimise disruption to licensees, Ofcom intends to effect all of the changes at the same time, probably in summer 2014.

- **Ofcom** <http://licensing.ofcom.org.uk/radiocommunication-licences/amateur-radio/licensing-updates/arc/>

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## For Sale

Comet 250B Vertical Aerial – New and boxed. - £230.

**Martyn, G1EFL 01245 469008 and [m3vammartyn@supanet.com](mailto:m3vammartyn@supanet.com)**

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**And Finally:-** John, G8DET edited this edition; Distributed most by email; Geoff KLV posted the remainder. Material by Trevor M5AKA; Steve G4ZUL; Gwyn G4FKH; Carl G3PEM; Murray G6JYB; Mark, M0IEO, Clive, G1EUC, Geoff G3EDM; Peter Sipple, M0PSX and Dave Ellis G4AJY.

Closing date for items in the next Newsletter – Friday 26<sup>th</sup> June 2013.