



# Chelmsford Amateur Radio Society

Established 1936

Affiliated to the RSGB Club Call Sign: G0MWT  
President: Carl Thomson, G3PEM Chairman: John Bowen G8DET  
Treasurer: Brian Thwaites G3CVI Vice Chairman Martyn Medcalf G1EFL



Newsletter No 563

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

February 2013

## This Month's Meeting

- **NEW DATE:** FRIDAY, 8<sup>th</sup> February, 7.30pm
- **NEW VENUE:** Great Baddow Parish Hall, 19 Maldon Road, CM2 7DW

## “New Bands-New Band Plans” – by Murray Niman, G6JYB

## “Computer Logging” – By Carl Thomson, G3PEM

The RSGB and Ofcom have agreed New Bands and Band Plans. It's not often that a New Band appears in the Band Plans, but this year there are two! Firstly 472 - 479kHz and also the new 600 Metre Band, allocated to the Amateur Service on a Secondary basis at WRC-2012; and easier access to an expanded experimental 5MHz Band

There have also in recent times been changes to VHF and higher frequency Bands which reflect innovation but commercial pressures too.

Come and learn what has been achieved for the modern Radio Amateur on Friday, 8th February.

As we have said before "You heard it at CARS First".

As if this was not enough - Carl will take us through "Computer Logging" in preparation for the RSGB 100 Year Commemoration on Saturday 20th and Sunday 21st July when CARS will be operating G100RSGB.

CARS will have its now famous Raffle run by Carl, G3PEM and James, 2E1GUA.

A good evening is proposed in our New Venue. See Venue photos after the Report of the January Meeting.

## Dates for your Diary

Sunday 3 <sup>rd</sup> Feb 2013	28 <sup>th</sup> Canvey Rally – Doors open 10:30am, CARS Training, ERG & RSGB will have Tables.
Tuesday evenings: Feb 5, 12, 19 & 26 <sup>th</sup>	CARS - Net Nights starting at 8.30pm local. 2m, 70cm, 1.947 & 28.375MHz. <b>PLEASE PARTICIPATE!!</b>
Wed 13 <sup>th</sup> Feb	CARS Committee Mtg. 7.30pm, Danbury Village Hall.
Friday, 8 <sup>th</sup> March	CARS Meeting - "Professional Aerials for Radio Amateurs" by CARS Members, In Great Baddow Parish Hall, 7.30pm.

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 a Newsletter etc.

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

Please inform Geoff, G7KLV by E-Mail of any changes to your callsign, postal or E-Mail address, etc. E-Mail him on [g7klv@g0mwt.org.uk](mailto:g7klv@g0mwt.org.uk) Only by **YOU** sending Geoff your E-Mail address, can we ensure **WE** get it right!

Club Nets: Tuesdays 8.30pm: (1<sup>st</sup>) GB3DA, (2<sup>nd</sup>) GB3ER, (3<sup>rd</sup>) 1.947/50, (4<sup>th</sup>) 28.375, (5<sup>th</sup>) 80M

**Net Controller for February is Geoff, G3EDM**

**Many thanks to Colin & Geoff for January.**

## **Last Month's Meeting: "Tribute Evening to Harry Heap, G5HF, SK" by Tony Gilbey and Friends.**

Chairman John, G8DET opened the Meeting by welcoming Members and Visitors to the new venue. Firstly there was a vote as to whether CARS Meeting should stay in Great Baddow Parish Hall for 2013 and meet on the only night available, namely Fridays. 5 persons showed that Friday was not ideal while over 35 showed they were happy with the suggestion. Brian, G3CVI will secure a booking for 2013 with a request to see if another night is available for 2014

A number of problems had first to be overcome including getting the Radio Microphone and Audio Hearing Aid Loop system working by Dave Bolwell changing the duff batteries, resetting the Mains RCB, encouraging the CARS projector to work and requesting Andy, G1GKN to encourage the computer to show the digital photos - which projected well earlier that day! Was Harry having a say on the proceedings?

John said that the Meeting was a Tribute to CARS Past President, Harry Heap, G5HF who died in August 2012 aged 95 years. Contributions were acknowledged from Harry's Son, Peter Heap and from Ethel Chinery; Trevor M5AKA; Dr Brian Styles G3NSD; Bob King G3ASE; Colin Page G0TRM; Gwyn Williams G4FKH; Carl Thomson G3PEM; Tony Manson and Peter Foreman both from the Chelmsford Engineering Society. Vice Presidents Geoff Mills, G3EDM and Charles Shelton, G0GJS, also contributed. His daughter Celia and husband Brian were also present as was Sylvia, YL of Geoff G3EDM and Margaret, widow of Geoff G2AMQ SK who featured on later in Falcon.

Tony, G4YTG told the audience of the life story of Harry up to the creation of CARS with Louis Varney G5RV and Mr Les Fuller G6LB. At appropriate points Colin played tapes of Harry telling how he was interviewed by the Chief Constable of Manchester before being enrolled as a Volunteer Interceptor (VI).

*"His early schooling was at the Mowlem School in Brighton. When he was 16, with the assistance of his father, he managed to get a license for experiments in propagation (the Government License authority would not deal with anyone under the age of 21) and was granted the call sign 2BZZ.*

*Later he went to Charterhouse and then St Andrews University where he took part in many of the activities being Captain of the Ice Hockey team and a performer and director of the University Concert Party. After some time he was allocated the call sign G5HF and was upgraded from 10 to 25watts but still not allowed to call CQ as other countries were, but had to call "Test" as all British Amateurs had to do at the time.*

*As a chemical Engineer for Ferranti in Manchester he was in a reserved occupation during the War but wrote to the Chief Constable and asked if he could volunteer for some work using his radio and Morse code skills. After an extensive interview and the signing of the Official Secrets Act he was given a new Hallicrafters receiver and instructed to monitor and copy code as a Voluntary Interceptor, (VI). He moved to Chelmsford working for Crompton Parkinson, experimenting on reducing the magnetic footprint of ships to make them invisible to magnetic mines. He continued his duties as a VI sending the coded material to Box 25 Barnet which 50 years later he discovered was Arkley View, where it was collated, sorted and forwarded to Bletchley Park for decoding. His name is recorded on the Roll of Honour at Bletchley Park.*

*He married his secretary, raised a family and started a lifelong friendship with Louis Varney G5RV. Their young families used to play together at the time when Louis was developing his world renowned aerial (the G5RV). He remained a close friend to Louis over many years until his death in 2000 at the age 89. After the war he remained in the electrical industry as Head of R&D with Crompton Parkinson and later as Chief Chemist with EEV until 1958 when he joined Heywood and Co. publishers to edit a new engineering magazine, remaining in publishing until he retired at the age of 72.*

*He managed to get his license back in 1987 by showing a RSGB Certificate he had as evidence as all the Pre-war Post Office records of Licenses had been destroyed. He, together with G5RV, were members of a Radio Amateur group meeting at Louis Varney's house which eventually became The Chelmsford Amateur Radio Society (C.A.R.S.) - later to become President.*

*In his leisure time from 1950 to 1965 he built and raced Riley Cars at Silverstone, Prescott Hill Climb, Cheltenham and the Boreham Race Track during the time when it was an International Motor Racing Circuit, with drivers such as Gonzales with the BRM and Graham Hill with the ERA attending.*

*In 1965 he took up sailing; racing and cruising his 30foot yacht called Falcon in the North Sea and English Channel for some 20 years. This fostered his great interest in the weather, receiving weather charts on HF radio from Northwood (NATO HQ), and orbiting and geostationary satellites at home.*

*He was very active in C.A.R.S. meetings and events, together with G5RV and was noted for providing catering facilities at field day competitions. He was an accomplished entertainer and speaker dressing in a cap, scarf, overcoat, and sporting a black moustache to perform Stanley Holloway monologues such as "Albert and the Lion" and "Three a'Pence a Foot" at Club dinners.*

*When he became President of CARS, he was much more than a figure head, presiding over meetings, giving lectures and presenting awards and prizes. After many years he stood down from the post and was elected Honorary Patron of the Society. He was a man of great intellect and high integrity, a great loss to us all, C.A.R.S. the Chelmsford Engineering Society and his many friends and acquaintances .*

*I feel it is a great privilege to have known him and been numbered among his many friends”.*

## **Tony Gilbey G4YTG**

John read out a tribute by Dr Stephen Castell “*who in 1973 had joined RHP as a Senior Mathematician and Harry assisted him with telling him Chelmsford past illustrious engineering history, its then current scene, and the quirks/nuances of those people and companies in it*”. He said “*He was a solid professional, thoroughly nice guy – altogether a fine human*”. Harry was at this time President of the Chelmsford Engineering Society.

Andy Tyler, G1GKN managed to get the computer to show slides of Harry’s early life, followed by a selection of the 28 foot sailing boat, Falcon with Gwyn crewing and explained each photograph. Harry sailed to Belgian, France and Holland. On one occasion Harry spotted a dinghy overturn and with great skill manoeuvred his boat so that 2 men could be rescued – the dinghy sinking - never to be seen again.

Slides were shown of CARS Meetings at the Marconi Training College in Arbour Lane in 1995/6.



Front row - Gwyn Williams G4FKH; Harry Heap G5HF SK; Louis Varney G5RV SK;

Martin Final G4TOO and Tony Gilbey G4YTG standing at a meeting in Marconi College, Arbour Lane in 1996.

Slides of Harry’s 90 Birthday Party in 2007 and passing the badge of the President to the current holder, Carl G3PEM in 2010 were shown and then Colin played a video he took in 2002 of Harry reciting the monologue of “Three Halfpence a Foot” – a story about a modern day Noah at a CARS Christmas Dinner at Pleshey.

Tony Manson (CES) told how “*Harry had a number of Riley racing cars which were raced at Silverstone, Boreham and at Prescott Hill Climb near Cheltenham. The tasks of rebuilding the car after racing was helped by Pippa, Harry’s Wife who was a trained Engine Fitter. Harry even encouraged me to race in his car*”.

A good number of Raffle prizes were organised by Carl and James 2E1GUA and drawn by Luke.

Thanks to the Bar Tender for attending to the thirsts of those there.

## **John G8DET.**

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

3 February – 432MHz AFS – 10:00 to 13:00 UTC  
9/10 February – CQ WW WPX – RTTY – 48 hours  
16/17 February – ARRL DX CW – 48 hours  
23/24 February – CQ WW 160m SSB – 48 hours

4 February – RSGB Club – SSB – 20:00 to 21:30 UTC  
13 February – RSGB Club – DATA – 20:00- 21:30 UTC  
21 February – RSGB Club – CW – 20:00 to 21:30 UTC

**Steve, G4ZUL**

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

**Asia**            *Dhahran* - around 14:00 on 28.0MHz for 88 percent of days, with fair signals.  
**Oceania**        *W Samoa* around 20:00 on 10.1MHz for 86 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 08:00 on 10.1MHz for 86 percent of days, with poor signals.  
**N. America**     *Saskatoon* - around 18:00 on 14.0MHz for 78 percent of days, with poor signals.

**Gwyn, G4FKH**

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### **President's Jottings**

I will start this jotting by thanking on behalf of CARS, Tony, John, Colin and Gwyn for presenting the tribute to Harry G5HF. They had spent a lot of time in the preparation for the meeting by gathering all of the reminiscence of Harry, from various parties. There were certainly some facts about his life that were new to me!

At the last meeting I decided to run a trial in reducing the raffle ticket price to 50 pence per ticket however I have decided to revert to a pound a ticket as ever one bought at least a pounds worth, and at the end of the evening I had to bin a huge pile of non-winning tickets. I always ensure that the raffle prizes are to the value of a pound or more. For ever pound you spend a ticket, with your call sign written on it, will go into a grand draw at the AGM, I have not settled on the prize yet but my thoughts are on a RSGB radio book. My thinking is also that you have to be at the AGM to claim the prize.

**Carl, G3PEM**

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### **Training Courses – Look at the “Training” Folder on the CARS Web Site.**

All Courses are held at the Danbury Village Hall near Chelmsford on Thursday evenings between 7 and 9pm. CARS are pleased that both the candidates who took the Advanced Exam in December were successful. Graham Fearnhead is now M0HGZ and Derek Hagan is now M0SCE.

The current Foundation Course started on January 10<sup>th</sup> with 11 candidates. The exam takes place on Valentine's Day, 14<sup>th</sup> February. The next Intermediate Course starts on March 14<sup>th</sup>. Please contact Clive G1EUC for more information on this and later courses.

Contact the **Training Organiser Clive G1EUC** on Tel: 01245-224577. Mob: 07860-418835  
Email: training2012 at g0mwt.org.uk See also our Training page: - <http://www.g0mwt.org.uk/training/>

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### **Morse Classes on Thursdays at 1900hrs in Danbury. Note NEW VENUE.**

If you are a beginner you will be made very welcome. We can start you off on this great aspect of our hobby. If you would like to improve, or just need encouragement to get on the air, please join us. Instruction is also given on all aspects of CW - which include good manners on the air; how to have that CW chat; DX manners; Contesting and operating skills on the pump key and twin paddle keying. Andrew, G0IBN, also operates Slow Morse transmissions at 5, 7 and 10 wpm on 3.550-3.560kHz +/-QRM at 2015hrs (local) every Wednesday evening.

Due entirely to circumstances beyond CARS control the Morse Class has had to move to a new venue in Danbury – it is now at: -  
The Bell Bar and Bistro, 128 Main Road, Danbury, CM3 4DT. Photos are on the CARS Web Site. Still 7pm.

**Andy Kersey G0IBN on 01621 868347 or [g0ibn@kersey1.freemove.co.uk](mailto:g0ibn@kersey1.freemove.co.uk)**

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

Please put 19.30hrs Friday, 1st February 2013 in your diary. (This is the First Friday in the Month – CARS is the Second Friday in the Month). Full details can be found at: <http://www.thamesarg.org.uk/news/>

The TARG Shack is taking shape with more equipment and facilities gradually being added. Come and spend an evening with real amateur radio enthusiasts. Why not bring a friend?

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

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

## **February Meeting – Computer Logging**

CARS used “Computer Logging” at Sandford Mill in 2009 but it was not accepted by all on the SSB Station so “Pen and Paper” was returned to. However, Gwyn G4FKH at the CW Station adopted “Logger32” by K4CY and has found it good after familiarisation and use. CARS QSL Manager, Patrick, M0XAP and CARS E-QSL Manager, Peter, M0PSX both commend Gwyn and the CW Group for the accuracy and presentation of their logs.

CARS have been requested to operate G100RSGB as part of the RSGB Centenary Celebrations on Saturday 20<sup>th</sup> and Sunday 21<sup>st</sup> July. See <http://www.rsgb.org/aboutrsgb/rsgbcentenary2013/?id=rsgb-centenary-home>

Computer Logging has to be used so that the QSOs for each day can be uploaded for the purposes of log checking. Do you use Logger32? Your experiences at the Meeting would be appreciated.

Carl will lead the Meeting through using “Logger32” with a practical that evening.

**John G8DET.**

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## **Competition between Morse and SMS Text – in German.**

The ZDF TV show '1, 2 or 3', aimed at young people, featured Morse Code.

The Morse code sequence starts 15:25minutes into the show and you can watch it for the next 5 days at

<http://www tivi.de/tiviVideos/kanal/893830?view=flash>

Click on the button labelled 'Magie der Signale' (Magic of the Signals). You may need to adjust the screen size using the 'spanner' to the left of the video. Note: The show is in German. Guess who wins?

**Trevor M5AKA**

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## **Tour of new BBC Broadcasting House**

This brand new BBC Tour launches in April 2013 and is available to book now. The entertaining and informative guides will bring to life the work of the BBC's brand new, state of the art, multimedia broadcasting centre in the heart of London.

On a tour some of the things you're likely to experience include a camera's eye view via a big screen into some of the studios broadcasting to the nation such as the Six O'Clock News and Radio 1, as well as hearing about the rich history of the building and the BBC. You'll look down on the new state of the art newsroom and there will be the opportunity to have a go at reading the news and weather yourself on our interactive news set!

The tour will last approximately one and a half hours. The Broadcasting House is a working building so no two tours are the same, but they will always be informative, interesting and fun and is available seven days a week.

Further details at

[http://www.bbc.co.uk/showsandtours/tours/bh\\_london.shtml](http://www.bbc.co.uk/showsandtours/tours/bh_london.shtml)

Would YOU like CARS to organise a Coach Outing to the BBC – if so tell CARS Committee.

**Trevor M5AKA**

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## **CARS Merchandising**

Can you mention in your newsletter that if anyone wants to order any garments they can pick up an Order Form at the February Meeting from Martyn, G1EFL.

**Martyn G1EFL.**

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## **Arthur Harrison Wreford, G3EHZ, SK.**

Arthur died on 28<sup>th</sup> December 2012, aged 89. He lived in Braintree.

The Funeral took place Tuesday, 29th January at the Three Counties Crematorium, High Garrett, CM7 5PB.

Arthur wanted a simple ceremony, so he had requested “No flowers please” however donations can be made to plant a tree in his name, see below.

CARS were represented by Colin Page, G0TRM (who worked with Arthur) and Geoff Lovegrove, G7KLV also of Marconi.

The Welcome and Introduction to the Service was by Daniel Gill, who had lived next door to Arthur for 36 years. Daniel and Janet Gill had looked after Arthur for many years and ensured that he continued to receive the

CARS Newsletter regularly. CARS would like to express gratitude for such attention by them. They had even rescued and re-instated his Long Wire Aerial when it fell down!

The Address was given by Louise Baxter, Manager of the care home and it was very obvious that Arthur was very popular with all the staff there, with his delightfully cheerful Yorkshire humour. She said that Arthur was brought up on a farm, attended Stockton Grammar School and from a very early age was obsessed by wireless. He was called up, eventually becoming an NCO in the Royal Signals and saw service overseas. On demob he obtained a BSc at London and after graduation joined the Microwave Development Group at Marconi's. He remained there for the rest of his career.

The Wake afterwards was in the Library of the Prince Edward, Duke of Kent Court, Stisted Hall, Kings Lane, Braintree, CM77 8AG where he had lived for the past year or so. It was attended by a large group of friends and family and it was very obvious that he was a very popular Uncle, with a mischievous sense of Yorkshire humour!

Janet Gill had produced a wonderful display of photographs illustrating all aspects of Arthur's long life.

### **Triffid Vehicles being prepared for the Sultan of Oman's Army Exercises – 1986/7.**

Left to right – Colin Page (1); Ian; Tony; Arthur Wreford, G3EHZ; Colin Page (2) G0TRM; Fred Walley; Peter Bickers.  
Photo by permission of Marconi Company Ltd.

Note, there were two Colin Pages on this project, hence the (1) and (2).



Colin Page G0TRM in Oman aligning a Microwave Aerial on one of the Triffid vehicles pictured above.



Donations to plant trees in Arthur's Memory at Stisted Hall should be made payable to "RMBI" with "Arthur Wreford" on the back. They should be sent to Louise Baxter, Prince Edward Duke of Kent Court, Stisted Hall, Kings Lane, Stisted, Braintree. CM77 8AG.

### **Colin G0TRM and Geoff G7KLV.**

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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; Norman, M0FZW; Andy, G0IBN and Clive, G1EUC.

Closing date for items in the next Newsletter – Friday 22nd February 2013.