

## RADIO SOCIETY OF GREAT BRITAIN

THE NATIONAL SOCIETY WHICH REPRESENTS UK RADIO AMATEURS

Founded in 1913 incorporated 1926.  
Limited by guarantee  
Member society of the  
International Amateur Radio Union

**Patron:** HRH Prince Philip,  
Duke of Edinburgh, KG, KT

Membership is open to all those with an active interest in radio experimentation and communication as a hobby. Applications for membership should be made to the Subscriptions Department from which full details of Society services may also be obtained.

### General Manager:

Peter Kirby, FCMI, MISM, GOTWW

**Honorary Company Secretary:**

Rupert Thorogood, G3KKT

**Honorary Treasurer:**

Dr R Dingle, G0OCB

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J Stevenson, G0EJQ - Region 13

Details of the Society's volunteer officers can be found in the RSGB Yearbook and on the RSGB website.

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Website: [www.rsgb.org](http://www.rsgb.org)

Members Area: [www.rsgb.org/membersonly](http://www.rsgb.org/membersonly)

Log-in using your callsign in lower case as the user name, and your membership number (see *RadCom* address label) as the password.

The online *RadCom* can now be found at [www.rsgb.org/radcom](http://www.rsgb.org/radcom).

## Ofcom plans to automatically extend batch of licences

As you know, Ofcom introduced a new, easy online licensing system in 2006 that requires amateur radio licensees to validate their licence details at least once every five years. If you have not already got your licence, you can see how easy it is at Ofcom's website: [www.ofcom.org.uk/licensing/olc](http://www.ofcom.org.uk/licensing/olc).

If your licence has an issue date between November 2006 and August 2007 and licensing details have not been amended since then, your licence will be due for validation around the time of the London Olympic and Paralympic Games in 2012.

During this time, Ofcom will be busy preparing for the event, making sure that the extra demand for spectrum is met, without causing interference. Therefore, Ofcom has decided this time round to automatically

extend the validation period of these amateur licences, for a further year – giving 6 years from the issue date. After this, these licence holders will need to update their licences themselves.

Ofcom has taken this decision to avoid having a large number of validations to process around the time of the London 2012 Games.

Ofcom's improved licensing website is now easier than ever to use with useful FAQs and tools to get you started. It will only take a few minutes to register your details and make any necessary updates to your licence.

All licensees and applicants are encouraged to register, apply or validate online – go to [www.ofcom.org.uk/licensing/olc](http://www.ofcom.org.uk/licensing/olc).

## CISPR Meeting

Attending committee meetings can be very bland to the point of boring, the only positive is that sometimes(!) they are held in nice places. Not too often do I come away feeling good. This occasion was an exception.

I am a UK member of the CISPR I PLT project team, which is trying to develop acceptable changes to the product standards that would enable the 'standardised' implementation of PLT modems and networks. The meeting held in Lyons, France considered the responses from National Committees around the world to its latest draft proposal for changes.

The responses, on balance, line up against the committee draft, but of particular note in the response from the UK National Committee was the statement that the draft 'did not demonstrate protection of Radio Services'. This is a key demand by ITU.

In another section of the meeting, delegates from Japan demonstrated an automatic radiated field measurement system. This consisted of a self propelled trolley, containing a computer controlled measurement receiver, calibrated antennas, and GPS. The system was shown to be able to trundle around a site on which an access PLT system had been set up. The measurements made were quite remarkable, not only showing the extent of the radiation,

which was much greater than expected, but particularly showing that it is entirely possible to make quality radiation measurements. CISPR has always considered that radiation measurements are both too difficult, and result in significant uncertainty.

In another part of the meeting, where I am only an observer, I was treated to a very heart warming paper on radiated field measurements from plasma TV receivers. TV manufacturers from Korea, Japan and Germany conducted round-robin radiated emissions measurements on the same equipment. The results from each were within 2dB, confirming that given the right methodology 'radiated measurement' can be conducted, and at the same time showing that there are significant radiation issues with large screen plasma TV receivers, which will now be addressed.

The warm glow that several radio amateurs attending this meeting felt was because this work was done as a result of the issue of radiation that had been highlighted by radio amateurs, not least of which was our own Richard Marshall, G3SBA.

CISPR will almost certainly now be taking a fresh look at radiated field measurements. Great news for radio users.

John Pink, G8MM



# And Finally

There is a saying that time flies when you are enjoying yourself and this certainly appears to have happened over the past two years during my term as President. The period has been far from uneventful, starting with the successful sale of the Society's property at Potters Bar and the purchase of new administrative offices in Bedford. One or two minor glitches notwithstanding, the move of personnel and belongings to Bedford was completed with resultant financial savings now starting to show through the accounts. These savings could be greater but current investment interest rates are not very attractive, however the Board continues to investigate alternative opportunities.

Less successful to date has been the development of the National Centre for Amateur Radio at Bletchley Park. Delays due to various factors beyond the control of the Society have meant a slippage of almost 18 months but it is now hoped that the Centre should be open by mid-2010, subject to tender processes and, of course, the weather.

As part of the headquarters reorganisation, a tender process was run to outsource the QSL bureau and this operation became fully operational during the latter part of 2008. Updates from the QSL Manager appear in *RadCom* on a regular basis.

We also appointed a new *RadCom* Editor at this time and this has resulted in letters and e-mails of approval being received from readers worldwide and a consequential increase in non-UK membership.

A new and greatly improved GB4FUN vehicle was commissioned on behalf of the Radio Communications Foundation and this has attracted a great deal of interest at the various venues it has attended. Recent publicity for regional volunteers to help in operating the vehicle has been very encouraging and it is anticipated that it will be seen in many more schools and colleges in the coming year.

In a somewhat controversial move, the decision was taken to disband the Technical Committee in the format it had held for a large number of years but in its place a Technical Forum was set up and this has proven to be very successful. A large number of technical enquiries are being received and dealt with, primarily through electronic means.

Discussions continue with Ofcom on a number of topics including the 2012 Olympic and Paralympic Games, the current licensing system and the forthcoming World Radio Conference in 2012. At the time of writing, a continuing major threat to users of the HF bands is the increasing numbers

of home networking power line adapters being introduced to the market. The Society considers that Ofcom have not met their legal obligations by failing to take enforcement action against PLA manufacturer Comtrend and BT Vision who distribute these products. The Society's legal advisers are currently studying all available documentation and are expected to have reported by the time you read this.

The Society supported the Lincoln Short Way Club in holding the very successful National Hamfest in October 2009 and feedback from both trade and visitors alike means the dates have already been agreed for next year. This, together with the rebadged RSGB Convention, has meant that October has become very much an amateur radio month in the UK.

During my period of office I have visited a selection of clubs spread around the country and I have to thank those clubs for the hospitality shown during those visits. What has struck me is that in the majority of these clubs there is very strong support for the RSGB. There are, of course, dissenters and this is to be expected, however I firmly believe that the majority of active amateurs in the UK support the Society in one form or another. If only more members would volunteer for vacancies that occur in the regional organisation then the level of support on a local basis could be improved. Let's not forget that not everyone is a member of their local club and prefer to do their own thing but support from a Deputy Regional Manager would no doubt still be welcomed if required.

I would like to take this opportunity to thank the 1,500 or so volunteers that we have amongst our membership for all the hard, and in many cases, unrecognised work that they carry out on behalf of the Society. Whether it be in the field of EMC, planning, public service, radio sport or associated activities – thank you.

Of course, throughout the past two years I have also had the full support of my long suffering wife Gwen, G4JYL, who also put pen to paper last January for a *RadCom* editorial to outline her side of the story. This article received very positive feedback and a number of very complimentary comments as a result.

Finally, I would like to wish Dave Wilson, MOOBW who will be taking over the reins from January my very best wishes for the next two years. There are a number of challenges facing Dave but I will, of course, be there to lend support where required.

Colin J. Thomas, G3PSM



## Presidential Installation Dinner

The RSGB is pleased to announce that the Dinner to install new President Dave Wilson, MOOBW, will take place on the evening of 16 January 2010. The dinner will take place at the Daresbury Park, Chester Road, Warrington, Cheshire WA4 4BB.

Only 100 tickets are available for this prestigious event. Demand is always high, so we suggest that you book early. As well as individual bookings, clubs and parties may book tables of up to 10 guests. Tickets can be obtained from the RSGB online shop at [www.rsgb.org/dinnerticket](http://www.rsgb.org/dinnerticket), by telephone on 01234 832700 (select option 1) or by post from RSGB HQ at 3 Abbey Court, Priory Business Park, Fraser Road, Bedford MK44 3WH. The cost per ticket is just £25.00.

The menu for the evening comprises:

*Cream of Leek and Potato Soup,  
thyme croutons*

*Oven roasted corn fed chicken supreme,  
fondant potato, smoked bacon  
and mushroom sauce*

*Warm sticky toffee pudding,  
vanilla and toffee sauces*

*Cheese board*

*Coffee and chocolates*

**Vegetarian option:**  
*Baked leek, apple and celery croustade  
with wilted spinach  
and mushroom cream sauce*

The dress code for the evening is lounge suit, blazer or smart casual.

The De Vere Daresbury Park Hotel takes its theme from Alice in Wonderland as Lewis Carroll was born in nearby Daresbury Village. Located at junction 11 of the M56 and close to the M6, this hotel is ideally positioned for easy access to Manchester, Chester and Liverpool. There is plenty of car parking available.

**DIRECTIONS. By Car:** A56, M56 Junction 11; take the Daresbury Park exit off the roundabout, then second exit off next roundabout, then second turning on right. The venue is approximately 400m from the motorway junction.

**By Train:** Runcorn Intercity - 6 miles, Warrington Central - 6 miles, Warrington Bank Quay - 5 miles

## Spectrum Committee

On Saturday 26 September, the Spectrum Forum had its annual members' face-face meeting at Sandy, Bedfordshire. This was an excellent opportunity to exchange reports between the Society Spectrum Managers and various specialist groups which include BATC, CDXC, FOC, GQRP, AMSAT-UK, UK Microwave Group as well as Technical, EMC, Propagation and ETCC representatives. Matters discussed covered Bandplans, Beacon Policy, PLT, deliberate QRM and topics for the forthcoming IARU Region 1 Interim Meeting in February 2010. More information about the forum and the latest bandplans can be found on its web pages at [www.rsgb.org/spectrumforum/](http://www.rsgb.org/spectrumforum/).



## RadCom 2010 deadlines

The deadlines for submitting News and Club Calendar items in 2010 will be as follows:

Issue	Deadline	Posting date
Jan	29 Nov	10 Dec
Feb	23 Dec	14 Jan
Mar	1 Feb	15 Feb
Apr	1 Mar	15 Mar
May	1 Apr	12 Apr
Jun	30 Apr	17 May
Jul	1 Jun	14 Jun
Aug	1 Jul	12 Jul
Sep	30 Jul	16 Aug
Oct	1 Sep	13 Sep
Nov	30 Sep	11 Oct
Dec	1 Nov	15 Nov

Please submit News, particularly with hi-res photos, to [RadCom@RSGB.org.uk](mailto:RadCom@RSGB.org.uk) and send Club Calendar information to [GB2RS@rsgb.org.uk](mailto:GB2RS@rsgb.org.uk). Anything you send for Club Calendar will also automatically appear on GB2RS at the appropriate time.

## HF Propagation Predictions



For a couple of months now there has been a new web page on the RSGB website, the URL is [www.rsgb.org.uk/propagation/index.php](http://www.rsgb.org.uk/propagation/index.php). This page is a more up to date copy of the predictions that appear in *RadCom*, it is updated at the beginning of each month, whereas the *RadCom* predictions are produced three months prior to publication. There are also a few more destinations in the list.

Also available from the same page is an Excel spreadsheet, specially designed for those who have vision impairment. This spreadsheet was produced with a different philosophy to the main page and displays the information in a completely different format, it will not necessarily totally agree with the main page.

As from November 2009 a new Excel spreadsheet was available, this one shows the same information as the main page and should agree with the figures, however, the output is presented in a different manner. Instead of being in a band order the new spreadsheet presents its data in time order, in two hour segments. The philosophy behind this is to present a spreadsheet for downloading and manipulation by the user. The only limitations being those imposed by the user themselves.

The RSGB has been very cooperative in presenting these tables for general use by radio amateurs and allowing add-ons such as these spreadsheets. The original (main) prediction table was programmed by Sylvan Katz, VE6ZX / G0TZX and G4FKH programmed the two spreadsheets, each month the production of the three tables (all fully automated) takes seven minutes on a fairly quick computer.

**Gwyn Williams, G4FKH**  
(Propagation Studies Committee)

# Exam Success

Ellen Scott, M6LDX, Doug Ellison, M6DGE, Wayne Mellar, M3YXA and Phil Haywood, M6PCH gained their Foundation licences at Hinckley Amateur Radio and Electronics Society in September, following an accelerated training course. The tutors Colin Brink, M0LTD and John Rogers, M0JAV congratulate them on a great achievement only getting four questions wrong between them and two candidates getting all answers correct. They hope to see them back for the Intermediate training course in January – spaces are still available.



Horndean & District ARC ran their fourth Foundation class and exam and their second Intermediate exam in October. Training was supported with equipment bought with the Awards-for-All Lottery grant. All four Foundation licence candidates passed, as did all four Intermediate candidates.

Congratulations to all the successful candidates and thank the club tutors, Steve, M0RNA, Training Manager for the Foundation course, and Mike, G4PRG and Gerald, G3COO for the Intermediate course.



L-R: Tom, M6TPL, Graeme, Club Training Manager and Foundation Licence tutor Steve, M0RNA, Wendy, M6WFA, Mike.



L-R: John, 2E0HEX, Mark, 2E0EFA, Intermediate Licence tutor Mike, G4PRG, additional tutor Gerald, G3COO, Andrew, M6ELD, Jim, 2E0JAZ.

In October, RS of Harrow had 6 Foundation exam successes, which included one young lady candidate. On the night of the exam, there was an impromptu inspection by the Radio Communications Foundation Quality Manager, Jeff, M10AEX. He found the examination to be very well conducted. The Society wishes the students well and hopes to hear them on the air soon, and also encourages them to obtain their full licence.



Chris, G4AUF RSH chairman, Robert Bowes, Jim Smith, Jeff, M10AEX RCF, Simon Bell, Alicja Kamon, Damian McSorley, Martin Lambert, Ray, G0BSP RSH President. Photo by G0CAG.

## PLC Meeting

Professor Paul Brown gave a most interesting presentation on Power Line's Progress, covering the history of PLC (by NORWB some 20 years ago) and developments so far, including all the political aspects involved with this subject. During the talk, the question of broadband 'interference' was covered in great detail, but the audience were told that 'Standards' have yet to be resolved regarding the 'noise level'.

The photo was taken after the IET Presentation. Left to Right, Professor Nigel Linge, Chairman of the IET Technical Network that arranged the meeting, Professor Paul Brown the guest speaker, Dave Wilson, M00BW representing the RSGB and Ron Smith, G3SVW IET Member & Chairman of South Manchester Radio Society.



## MLS Open Day

Martin Lynch & Sons are holding their annual open day on 5 December at their Chertsey Showroom. Kindly sponsored by Yaesu, Icom and Kenwood, there will be a free hog roast. Doors open at 8am and close 4pm. This will mark the start of the 20th year of trading for ML&S.

## Nevada Award

Nevada Radio is delighted to announce that it has scooped a prestigious Award for Business Enterprise. Over the past year Nevada has implemented the latest technology on its websites with improved design, navigation and ease of use for customers.



### NEWS IN BRIEF

- The GB7HMI bulletin board service is up and running and now has both a telenet connection and an RF connection on 144.9375MHz. The new sysop is M10RSN. For the telenet connection, e-mail the sysops at miOrsn@hotmail.com with your password. For further information, please contact the same e-mail address.
- AirNav Systems USA (famous for the RadarBox) has recently completed its takeover of the Swedish company, Shipspotting AB, owners of Shipspotting.com. The purchase was completed at the end of September 2009. This move by AirNav Systems will give them access to a vast amount of data that can be used with their planned launch of ShipTrax. This is a similar product to RadarBox but enables the user to track ships all over the world. It is anticipated that Shiptrax will be available in the early part of 2010. The new Shiptrax will be available through the world distributors, Waters & Stanton PLC.
- Great Lumley Amateur Radio and Electronics Society has moved from the Great Lumley Community Centre to the Finchale Training College at Durham. It is near to the Arnison Shopping Centre, Pity Me, the postcode is DH1 5RX. Details from David, M0BPM, on 0191 3888113, e-mail m0bpm@btinternet.com.
- The Meirion ARS website has been recently updated. They invite anyone interested to take a look at <http://meirionars.multiply.com>.

## Rig Upgrades

Garex Electronics is pleased to announce that the GAREX/AKD Model 4001 4m transceiver is now available with CTCSS encode option. The modification consists of a simple plug-in PIC module that requires only one extra connection to feed the tone to the main board. Full details of the modification can be found on the GAREX website [www.garex.co.uk](http://www.garex.co.uk).

The upgrade module is priced at £19.95, available by mail order from GAREX, as are new 4001 transceivers ready fitted with CTCSS priced at £164.95. The non-CTCSS model is £149.95. Carriage charges are extra.

It is accepted that there is not a great demand for the CTCSS facility at 4m, but getting it to work on the 4001 was an essential first step to progressing to the more complicated software routines used in the other models, especially the AKD2001 2m rig. It is expected that these upgrades will be ready quite soon.



## 50 Years On

Eagle Radio Group (Mablethorpe) has just celebrated with two members who have each enjoyed 50 years in amateur radio. Ian Swan, G3MNS can be seen receiving a certificate from Tony Whitaker, G3RKL and Colin Higgins, G3NRQ received his certificate from John Gregory, M3ERG.



## Dover Rally

Dover Amateur Radio Club is organising a rally for 17 January 2010. It is the first rally the club has held for many years and they are inviting other clubs in the area to have a table at the event at a reduced cost. The DARC hopes to make this an annual event and that it will grow into a 'must go to' rally.

Recently, a group of Dover Radio Club members crossed the Channel and visited Le Radio Club Cappellois, F8KGS, in Dunkerque. They were warmly greeted by their French hosts and the town Mare. Two of their members speak French, which was a great help. The French club have a fantastic shack in a disused school, which was given to them free by their local authority. DARC were very envious, but hope that a reciprocal visit can be arranged in the near future.



Ian, G3ROO showing Claude, F4FQI his WWII spy set.

## Hill Walking

On 26 October, Richard, G3CWI became the first person to activate every hill in England. This has taken him seven and a half years to achieve and was done using the list of hills used for the SOTA award programme ([www.sota.org.uk](http://www.sota.org.uk)). The combined height of the hills he climbed is nearly ten times that of Mount Everest.

Richard completed the task on a hill called Baystones, near Troutbeck in the Lakes using his normal homebrew station running 2 watts on 40m CW. The photograph shows Richard celebrating afterwards with a pint!



## Solar News

Neil, GOCAS, our solar and propagation news reporter for GB2RS has started a new messaging board service on solar activity and propagation. People are encouraged to take a look and ask any questions relating to the terms used in his weekly report, or find the latest news on solar, geomagnetic activity and propagation.

This can be found at <http://spotsandflares.lefora.com>.

## Lighthouse Weekend



Brede Steam ARS took part in the Lighthouse weekend using GB1DLH but, as always, things did not go quite as

planned. They had problems with the portable fishing rod that was to hold up the centre of the Carolina Windom. It broke under the strain. So, they decided to use the trailer/mast as the support for the Windom, which would keep the isolator off the ground by about 4 feet. The trailer/mast would also support the TH3 element beam.

Conditions on the bands on Saturday were not very good at all, as usual there were competitions going on. Trying to find a clear space to operate was difficult to start with. QSOs were a little difficult to find but the operators and loggers had a relaxing day, which finished with 154 mixed QSOs. Conditions on the bands on Sunday were a lot better and the QSOs started and finished with just one CQ call. The day finished with another 157 mixed QSOs giving a grand total of 311 QSOs for the event.

The equipment used for the weekend was a Kenwood TS2000, Ranger 811 Linear, TH3 element Beam, Carolina Windom and HRD logging software.

The club would like to thank the Dungeness Lifeboat Station crew for letting them use the back office as the operating room. Thanks also go to all those who contacted the station and sorry to those who could not get through. Please see [www.bsars.co.uk](http://www.bsars.co.uk) and check the logs for the event in events 2009.

## JOTA

While David Talabér, GOCAG/9H3DT was on holiday in Malta, he volunteered for the JOTA weekend. On the Saturday, he was at Nazzar operating from JOTA stations 9H3RSG / 9H1SVS. On the Sunday, he had an invitation to operate from 9H9MSG

at Mellieha. He would like to thank the members of the Maltese Amateur Radio League, local 9H's and the Maltese Communications Authority for making an enjoyable radio operating experience, while on the island.



## New Noise Cancelling Speaker

The new bhi DSPKR amplified DSP noise cancelling speaker comprises a wide frequency range 4in speaker and an audio amplifier capable of producing up to 10 watts RMS audio power, with a built in bhi DSP noise cancelling filter. It has up to 7 DSP filter levels, allowing the user to optimise the unit for their level of noise and interference. The speaker simply connects into the extension speaker socket or headphone socket of your radio. All the controls are on the top of the speaker for ease of use. A 3.5mm mono auxiliary output socket is also provided to allow the speaker to be used with headphones or to drive another loudspeaker. The DSPKR is priced at £149.95 inc VAT. More information can be obtained from bhi on 01444 870333, or go to their new website [www.bhi-ltd.com](http://www.bhi-ltd.com).



## Lough Erne News

Lough Erne Amateur Radio Club's AGM elected a new Committee. For over 30 years, Fermanagh amateurs have been on the air, their latest success is the GB3CP repeater, funded entirely by the Club. Other plans include another Foundation course, technical support of the local Talking Newspaper, special stations similar to May's success at Marble Arch Caves Geopark and, on 11 April 2010, the Club's rally at SHARE, which has attracted many hundreds of radio amateurs from Northern Ireland and the Republic since the first in 1982.



Lough Erne ARC Committee, l to r, Alan, G16PYP, Michael, M15MTC, Herbie, G16JPO, Iain, M13GHY, Ivan, G18WJN and Chris, 2IONIE.

## NEWS IN BRIEF

- Eric Filby, G4AQ passed away Thursday 24 September, aged 89. Eric had been a member and supporter of the RSGB for many years. A picture containing him, as 'first in the queue' to enter GB2LO could be seen on the Potters Bar wall and in the book *Amateur Radio - the first 100 Years*. He will be missed by many.



- Kilmarnock and Loudoun ARC is holding a Bright Sparks Amateur Radio Quiz on 11 December from 7.30pm. It's open to teams from all amateur radio clubs and groups of individuals. This year, as it is the 250th anniversary of the birth of Robbie Burns, as well as the Bright Sparks Trophy there will be a one-off Trophy for your knowledge of Burns. During the Quiz one or two rounds of Burns questions will be posed.

- After an off-air period of almost two years, GB3BI, the Black Isle VHF repeater, has returned to service. The repeater is now located on a private site at 417m asl and approximately ten miles South of Nairn on the Moray Coast. The Chairman and Committee of the Black Isle Repeater Group wish to convey their sincere thanks to Cawdor Estate and, in particular, to both Lord Cawdor and Angus McNicol, the Estate Factor, for all their help and accommodation towards the relocation of this Repeater. All enquiries and / or signal reports should be directed to: Steve Scanlain, GM1VAD via e-mail to [raynet.control@btinternet.com](mailto:raynet.control@btinternet.com) or by phone / text to 07900 960478.

- The GB7MBC DX cluster is now available for those with mobile smartphones. Web pages have been created to make it simple to use the cluster when mobile. Although designed for an iPhone, they have been tested on Blackberry, Android and the Nokia N95. It should work with most smartphones. The pages feature filtering and the capability to click on a DX callsign to get the QRZ information for it. There are currently 2 pages, one for general use and one specifically for VHF. The latter does include 70cm.

General Cluster:

[www.gb7mbc.net/webcluster/iPhone.php](http://www.gb7mbc.net/webcluster/iPhone.php)

VHF Cluster:

[www.gb7mbc.net/webcluster/iPhone\\_VHF.php](http://www.gb7mbc.net/webcluster/iPhone_VHF.php)

- Please note that when we gave the prize winners for the National Hamfest, we listed the wrong callsign for Ken Home. His callsign should have read GM3YBQ. Our apologies to both GM3YB0 and GM3YBQ.

## NEWS IN BRIEF

- Every Tuesday evening members of the Cheltenham Amateur Radio Association spend an hour or so on 80m CW for the express purpose of offering the opportunity of QSOs at comfortable speeds. Born from the desire to help the newly qualified and those out of practice to get over nerves and to gain confidence on the key, the demand for 'slow CW' from Cheltenham club members has dwindled but the concept continues. Now, all comers are welcome to join in, especially those in need of practice. The one hour activity period is centred around 3.540MHz, starting at 8pm local time.

- At the recent Galashiels Rally, Gordon, G8PNN won 1st prize, Bill, MOBWI the 2nd prize and Neil Mitchinson, the 3rd prize. The prize donated by Jaycee Electronics was won by Jake, GM30XK, the prize donated by Perth Repeater Group was won by Dave, G8UVE and the RSGB callbook was won by GM3NKG. The tickets were drawn by RSGB Borders DRM Ray, GMOCDV.

- In the Exam Success news last month for Mexborough & DARS we gave the wrong callsigns for two of the licensees. Sylvia's callsign is M3SOJ and Allan's is 2E0BMY. The club will be starting an Intermediate course on 15 January 2010.

## New Antenna

Two metres is a very popular band for portable operating but getting the balance right between performance and weight for the light-weight specialist remains a challenge. SOTabeams has introduced a new aerial in an effort to give portable operators high performance for minimal weight. Their new Multi Function Dipole (MFD) weighs in at less than 430g including the feeder and is just 53cm long when packed. It can be configured for FM or SSB, and is designed to be used in a variety of situations. It is likely to be popular for RAYNET use as well as for SOTA and more general portable operating. Full details are on the SOTabeams website at [www.sotabeams.co.uk](http://www.sotabeams.co.uk).



## Lifeboat Activation

Over three weekends in November, members of the Galway VHF Group will be operating an HF station for a 24 hour period from lifeboat stations in County Galway. The purpose of this operation is to promote the 185th anniversary of the establishment of the lifeboat service in Ireland. Crew member Mark Armour, EI6GUB, is also a member of the Galway VHF Group. Mark has recently completed his probationary training with the Lifeboat Service and is now a member of the crew. The first operation will take place from the Galway lifeboat station over the weekend of 7 and 8 November. The following weekend, 14th and 15th, will see an operation from the Aran Island Lifeboat station at Kiltonan, Inishmore. The final operation will take place from Clifden Lifeboat Station, Ballyconneely, over the weekend of the 28th and 29th. All operation will take place on the HF bands with two stations in operation at all times. There will be operation on Phone and Digital Modes with some operation on SSTV also possible. There will be a special QSL card for all contacts made and SWL reports will also be welcomed. Varying types of antenna construction will be used including a kite antenna for the LF bands.



## Sponsorship

Gary Austin, G6NYH of Tetra Communications, Northampton has kindly agreed to sponsor the Region 13 Club of the Year Shield. Regional manager for Region 13, Jim Stevenson, received the shield at the National Hamfest in October. It will be awarded at the AGM each year as part of the National Club of the Year programme. Tetra join LAM Communications who sponsor the Region 14 award.



## Communication Badge

When Duncan Cooper, MOWTG, training officer for Bittern DXers, took Molly, his seven years old daughter, to watch the radio group set up and organise the JOTA station for the first Rural Roughton Scouts, he little suspected that Molly would attempt and succeed in passing the Scout Radio Communication badge.

Scouts from the Sheringham and Cromer area, Brooke and Poringland met at Roughton Mill near Cromer to take part in JOTA. The Radio Communication Badge is one of a number of badges that can be awarded to Scouts, but some technical knowledge and understanding of the radio terminology and propagation is required. Molly, who is a member of the Mundesley Brownies was working with much older scouts. In all, eight scouts passed with flying colours – so too did Molly!

Throughout the weekend contact was made with scout groups throughout the UK and western Europe. Sadly a planned link with a Mexican troop had to be aborted because of bad weather, but the scouts were able to use data modes for transatlantic contacts. They were also able to experiment with Echolink, a means of communication using both amateur radio and the internet, to gain voice contact with radio hams thousands of miles away. Alec Adams also introduced a number of scouts to Radio Foxhunting.



Molly Cooper receives her badge from Bittern DX chairman Steve Baldin.

## NEWS IN BRIEF

- In the Exam Success news last month for Mexborough & DARS we gave the wrong callsigns for two of the licensees. Sylvia's callsign is M3SOJ and Allan's is 2E0BMY. The club will be starting an Intermediate course on 15 January 2010.

## GX0MWT

Each year the Chelmsford Amateur Radio Society run a demonstration station GX0MWT for the Science & Discovery Day at the Chelmsford Science and Industry Museum. This year they had a visit from Ganesan Ananthganesan, VU3GPF, President of the Anamalai Amateur Radio Club (AARC), Pollachi, India.

Norman Crampton, MOFZW, had made contact with Ganesan, VU3GPF, who was visiting the UK at the invitation of the British Council. He was able to bring Ganesan to the Sandford Mill event where he was invited to be an Honorary Member of CARS by Chairman, John Bowen, G8DET, and presented with a CARS hat and mug. In exchange Ganesan presented John with an Indian hand crafted dish engraved with a Peacock. Ganesan comes from a region in India prone to earthquakes and his club are hoping to put a repeater on a mountain at a height of 2,623 metres to aid communications.



John, G8DET with Ganesan, VU3GPF, Norman, MOFZW and John, G1UZD at the microphone.

## Wx Satellite System

WiNRADiO Communications has launched their latest product, the WiNRADiO WSS-420 Weather Satellite System. It is a complete and fully integrated hardware/software system for capturing and processing data streams from polar orbiting satellites in real time. The system supports HRPT data streams with 5 multi-spectral channels from NOAA satellites and CHRPT data with 10 channels from the Feng Yun-1D satellite. Resulting images can be printed or saved in common image formats. All of the individual system items are available separately including the robust Azimuth/Elevation rotator and controller, Antenna Rotator/Positioner with Controller. The WSS-420 Weather Satellite System is available from Radixon UK Ltd on 0870 446 0449. Further information is available at [www.radixon.co.uk](http://www.radixon.co.uk).

## GB50ATG

In August, Arthur, G1XKZ worked 752 contacts using GB50ATG (G1XKZ) using 80W celebrating the British Amateur Radio Teledata Group's Golden Anniversary. He worked 337 stations worked during the SARTG RTTY test and 348 stations worked during the SCC RTTY test. On 10m Arthur worked into Europe and he also used PSK31 on 80, 40, 30 and 20m.

Andrew, M5AEX was in control of GB50ATG last month and worked some nice DX. His activity was mainly in the CQWW and JARTS contests and all contacts were on RTTY. Andrew managed 372 QSOs in 61 countries and 5 continents. These included four continents on 15m, in 9 CQ zones and 13 countries, 5 continents on 20m in 17 CQ zones with 54 countries and 2 continents on 80m in 5 CQ zones and 30 countries. Some nice DX was worked, including JA, FG, HI, TI, HK and J3.

The autumnal equinox and increase in the SFI has played a part in the better propagation. November sees G3LDI operating GB50ATG once again.

## Intermediate Course

Intermediate Course Torbay ARS has a successful Intermediate course recently. The people in the photograph are, from left to right, Nick, M3GDQ, Stuart, M3YLY, Andy, M3RMU, Charles, M6YOT, David, M6ADX, Andy, M6WLM and John, M6TUK. The course was run over two weekends in October at the Teignbridge Scout Headquarters in Newton Abbot by a team of instructors led by Larry M1ARW, with assistance from Alan, MOAVN, Steve, G4EDG and Derrick, G3LHJ.



## Verulam Training Programme

In recent years, Verulam ARC has expanded its training facilities with the aim of increasing the number of radio amateurs in the St Albans area.

The programme has included hosting a Train the Trainers session, running a demonstration station at a local park event and, with the support of a local school, demonstrations and courses for youngsters. They have also increased their advertising, web links and even had the club featured in the local press.

Like many ARCs, the overhead of running training courses can put strain on the club's finances and it relies heavily on its members' generosity, including the loan of equipment. This changed dramatically in 2009 when Verulam ARC was awarded, via the Hertfordshire Community Foundation, a Grassroots Grant of £4,575.

The grant has enabled the club to purchase HF and VHF radios, test equipment, tools and high quality audio/visual aids. The award also helps with running costs, eg room hire.

Verulam ARC is grateful to Chris Taylor, GOWTZ of Martin Lynch and Sons for his help in selecting the radio equipment and making an 'official handover' at a recent club meeting.

Verulam plan to run Foundation, Intermediate and Advanced licence courses in 2010. Anyone interested should contact the club via e-mail to [VARC\\_TrainingUK@yahoo.com](mailto:VARC_TrainingUK@yahoo.com); alternatively visit [http://groups.yahoo.com/group/VARC\\_TrainingUK/](http://groups.yahoo.com/group/VARC_TrainingUK/) or telephone Brian, G3YKB on 01923 228121.



Equipment handover, Peter, 2E0BIY, Chris Taylor, GOWTZ ML&S, André, MOJEK.

## RCF Exam Inspection Visit

Chesterfield & District Scouts Amateur Radio Club, MORSC, received an unexpected inspection from past RSGB President Jeff Smith, MIOAEX, for a Foundation Exam in early October. During Jeff's visit he chatted to

their newest radio club members and presented certificates and posed for photos. Jeff was made very welcome during his stay and also given an open invitation to re-visit the club any time he was in Chesterfield.



Getting listed here and on GB2RS is easy. E-mail details of your meetings as early as possible to GB2RS@RSGB.org.uk and we'll do the rest. We need to know your club name, RSGB Region number, contact name & phone number, date of meeting and detail of meeting. Example: South Bristol ARS, Region 11, Len, G4RZY, 01275 834 282, 29 October, On the Air. It's that simple. The deadline for January 2010 RadCom is 30 November and February 2010 RadCom is 23 December. For GB2RS, the deadline is 10am on the Tuesday for the week of broadcast.

## 1 SCOTLAND SOUTH & WESTERN ISLES

REGIONAL REP: GORDON HUNTER,  
GM3ULP, GM3ULP@RSGB.ORG.UK

### AYR AG

Charlie, MM0GNS, 01563 551704,  
cgnstewart@hotmail.com

- 2 Isle of Coll Mini DXpedition, GM4ZNC
- 16 Christmas quiz night

### COCKENZIE & PORT SETON ARC

Bob, GM4UYZ, 01875 811 723

- 4 Normal club night
- 12 Club Christmas night

### KILMARNOCK & LOUDOUN ARC

Graham, MM3GDC,  
mm3gdc@btinternet.com

- 11 Bright Sparks Quiz, open to teams from all AR clubs and groups.

### LIVINGSTON & DARS

Norman, 07740 946192,  
uk.groups.yahoo/group/ms0liv

- 1 AGM
- 8 Operating evening
- 15 Club evening

### LOTHIANS RS

Andy Sinclair, Irs\_secretary@moosedata.com

- 9 Christmas curry

### PAISLEY (YMCA) ARC

Bill Anderson, 2MOBZZ,  
01505 613633, bill@3bis.co.uk

- 2 Training
- 9 TBA
- 16 Christmas social
- 23, 30 Closed

## 2 SCOTLAND NORTH & NORTHERN ISLES

REGIONAL REP: DENNY MORRISON,  
GM1BAN, GM1BAN@RSGB.ORG.UK

### ABERDEEN ARS

Lewis, GM4AJR, 01224 575 663,  
www.aars.freemove.co.uk

- 3 Junk sale
- 10 Quiz night
- 17 Christmas party
- 24, 31 Closed

### GLENROTHES & DRC

Dave Francis, 01383 823878,  
or by email via website www.gdarc.org.uk

- 16 Mince pie night
- 23, 30 Closed

### MORAY FIRTH ARS

Jim, MM0SMD, 01340 820 134,  
nicol123@btinternet.com

- 3 10GHz night with GM4TOE

## 3 NORTH WEST

REGIONAL REP: KATH WILSON,  
M1CNY, M1CNY@RSGB.ORG.UK

### BOLTON WIRELESS CLUB

boltonwireless@gmail.com

- 16 Joint Christmas party with Greater Manchester RAYNET

### CHESTER & DRS

Barbara Green on 0151 339 9183,  
www.chesterdars.org.uk

- 1 Christmas social evening
- 8 Committee meeting
- 15 Construction contest

### MID-CHESHIRE ARS

Peter Paul Fox, G8HAV,  
01606553401

- 3 Laser comms by MOSTR/G8ATB
- 9 Contest logging practice, club project & OTA
- 16 G8ATB contest site communication & OTA
- 23 Closed
- 30 Informal evening

### MORECAMBE BAY ARS

Martin Hazel, MOZIF,  
01524 848193,  
martin@mbars.internationalham.com

- 1, 15, 22 Social evening
- 8 Christmas dinner

### SOUTH MANCHESTER R & CC

Ron, G3SVW, 0161 969 3999

- 3 Talk on digital photography techniques by Robin, G3RJQ
- 10 Talk on common weaknesses of the human skeleton
- 17 Christmas party
- 21 Monthly Technical Forum
- 24, 31 Closed

### THORNTON CLEVELYS ARS

John Foster, M3WAZ,  
01253 399377

- 7 Natter night
- 14 Tech talk by Peter, G4JGC
- 21 Christmas party

## 4 NORTH EAST

REGIONAL REP: HAROLD SCRIVENS,  
GOUGE, GOUGE@RSGB.ORG.UK

### ANGEL OF THE NORTH ARC

Nancy Bone, G7UUR,  
0191 477 0036,  
nancybone2001@yahoo.co.uk

- 7, 21, 28 OTA; Advanced course continues
- 14 Christmas bazaar

### DENBY DALE RC

Gerald, G3SDY, 01484 602905

- 2 Presentation on RSGB Club Calls Contest by Richard, MORBG
- 16 Christmas Party

### EAST CLEVELAND ARC

Alistair, G4OLK, 01642 475 671,  
alistair.mackay@talk21.com

- 4, 18 OTA
- 11 Radio magazines evening
- 25 Closed

### HORNSEA ARC

Gordon MacNaught, G3WOV,  
01377 240573,  
gmacnaughtwov@yahoo.co.uk

- 2 Activity night
- 9 Talk by Richard, G7MFO
- 16 Christmas party
- 23, 30 Closed

### OTLEY ARS

Paul, 2EOPAK, 07768 996370,  
m6wat@pekae.co.uk

- 1 144MHz UKAC + Tech Chatter
- 8 Shack Night
- 15 Members Presentation

### MEXBOROUGH & DARS

Sharon, M0BOH, M0boh@aol.com

- 18 Ticket-only Christmas party. Members free, visitors £3

### SHEFFIELD ARC

Trevor Wood, MOTWS,  
trevorwood6@yahoo.co.uk

- 7 Talk and demo on data modes by M1ERS & MOTWS
- 14 Christmas dinner
- 21 Talk on British Relay, the CableVision experiment in Sheffield
- 28 Christmas social evening

### WAKEFIELD & DRS

Ken, 2E0SSQ, 07900 563117

- 3 Quiz with Dave, G4CLI
- 10 Christmas party
- 17 Committee Meeting, planning for Northern Cross Rally

## 5 WEST MIDLANDS

REGIONAL REP: TREVOR BAILEY,  
MOKMB, MOKMB@RSGB.ORG.UK

### BROMSGROVE & DARC

Chris, M0BQE, 01905 776 869,  
m0bqe@hotmail.com

- 4 Review of contests & special events
- 11 Christmas dinner
- 18 Committee meeting
- 25 Christmas day net, 2m FM

### CHELTENHAM ARS

Derek Thom, G3NKS,  
01242 241099,  
g3nks@blueyonder.co.uk

- 4 AGM

### COVENTRY ARS

John, G8SEQ, 07958 777363

- 4 APRS by Iain Young, G7III
- 11 Pub games night
- 18 Curry night

### GLOUCESTER AR & ES

Anne, 2E1GKY, 01452 548478,  
daytime, www.g4aym.org.uk

- 7 Short talk by members on how they became interested in radio
- 14 Christmas buffet & draw.
- 21, 28 Closed

### MIDLAND ARS

Norman, G8BHE, QTHR,  
01214 229 787

- 2 Open meeting, training classes
- 9 Christmas party
- 16 Laptop computer evening and training classes
- 23, 30 Closed

### MID-WARWICKSHIRE ARS

Bernard, M1AUK, 01926 420 913

- 8 Christmas festivities - bring food & drink to share

### SOUTH BIRMINGHAM

RADIO SOCIETY  
Don, 0121 458 1603

- 4 Construction evening
- 7 On the air & aerial inspection
- 11 Christmas party
- 14 Contest planning
- 18 Construction evening
- 21 OTA
- 25, 28 Closed

### STRATFORD UPON AVON DRS

GOCHO, 01608 664488,  
cousbey@theiet.org

- 14 Test equipment evening with John, G0JUQ

### TELFORD & DARS

Mike, G3JKX, 01952 299 677,  
mjstreetg3jkx@blueyonder.co.uk

- 2 HQ closed
- 9 Competition with G3UKV
- 16 Christmas dinner
- 23 Social with mulled wine & mince pies
- 25 Christmas day 9am net 144.6MHz
- 30 HF OTA

### WORCESTER RAA

Leslie Coyne, M3WRZ,  
01905 764320,  
m3wrz@wraa.co.uk

- 8 Talk & OTA

## 6 NORTH WALES

REGIONAL REP:  
MARK HARPER, MW1MDH,  
MW1MDH@RSGB.ORG.UK

### DRAGON ARC

Stewart Rolfe, GWOETF,  
01248 362229

- 7 Transceiver home brew by Geoff Spencer, GW4DRR
- 21 Christmas social evening

### MEIRION ARS

John, MW0VTK, 07868 738016,  
meirionars.multiply.com

- 3 Ragchew night looking back on 2009

### PORTHMADOG AND DISTRICT ARS

Glyn MW5CAD 01286 830078

- 17 Club Christmas dinner at Porthmadog Yacht Club

### WREXHAM ARS

Glyn, MW0BNB, www.qsl.net/wars/

- 1 Planning for 2010
- 15 Christmas dinner

## 7 SOUTH WALES

REGIONAL REP: JIMMY SNEDDON,  
MW0EQL, MW0EQL@RSGB.ORG.UK

### LLANELLI ARS

Craig, MW0MXT, 01269 840292,  
craig@mw0mxt.co.uk

- 7 OTA & social evening
- 14 Christmas party & auction
- 21, 28 Closed

## 8 NORTHERN IRELAND

REGIONAL REP: PETER LOWRIE,  
M15JYK, M15JYK@RSGB.ORG.UK

### BANGOR & DARC

Mike, G14XSF, 028 4277 2383

- 3 Talk on old timers by Dave, G13OBO

## 9 LONDON & THAMES VALLEY

REGIONAL REP: ALISON JOHNSTON,  
G8ROG, G8ROG@RSGB.ORG.UK

### AYLESBURY VALE RS

Roger, G3MEH, 01442 826 651

- 9 Christmas party with Chesham club

### CESHAM & DARS

Terry, G0VFW, 01442 831 491,  
terry.g0vfw@ntlworld.com

- 2 General meeting & CW practice
- 6 144MHz affiliated societies contest
- 9 Christmas party with Aylesbury club at G3MEH QTH
- 16 Technical talk and bar evening
- 23, 30 Closed

**COULSDON ATS**  
Andy, G8JAC, g8jac@btinternet.com  
14 AGM

**CRAY VALLEY RS**  
Bob, 2EORCV, 020 8265 7735  
after 8pm

3 Demonstration of PLT interference  
and discussion on HF implications  
with Colin, G3SPJ  
17 Christmas drinks at the Bull,  
Shooters Hill

**CRYSTAL PALACE R & EC**  
Bob, G3OOU, 01737 552 170  
3 Christmas social

**EDGWARE & DRS**  
Mike, G4RNW, 020 8950 0658,  
michael.stewart5@ntlworld.com

10 Junk sale  
24 Closed

**READING & DARC**  
Pete, G8FRC, 01189 695 697

4 Annual dinner  
10 AGM followed by wine & cheese party

**SHEFFORD & DARS**  
David, G8UOD, 01234 742 757

3 Talk on 23cm equipment  
by Paul, G1GSN  
10 Mince pie evening

**SOUTHGATE ARC**  
David Sharp, MOXDS,  
david.sharp1@tesco.net  
9 AGM

**SURREY RADIO CONTACT CLUB**  
Ray, G4FFY, 020 8644 7589

7 Club talk  
21 Fix-it and natter night

**SUTTON & CHEAM RS**  
John, G0BWV, 020 8644 9945,  
info@scrs.org.uk

10 Christmas Junk Sale  
(note: meeting on 2nd Thurs  
for this month only)

**VERULAM ARC**  
Ralph, G1923 265572,  
g1bsz@aol.com

1 Christmas dinner  
8 Christmas bun fight  
9 Foundation Licence Exam

**WIMBLEDON & DARS**  
Jim, M0CON, 020 8874 7456,  
www.gx3wim.org.uk

11 Christmas social  
25 Closed

## 10 SOUTH & SOUTH EAST

REGIONAL REP: GAVIN KEEGAN,  
G6DGG, G6DGG@RSGB.ORG.UK

**ANDOVER RAC**  
Martin, M0MWS, 07776181646,  
www.arac.co.uk

1 Digital modes

**BASINGSTOKE ARC**  
Clive, G4ODM, 01256 326050

7 Families evening

**BREDE STEAM ARS**  
Steve, 01424 720815,  
m0nuc@aol.com

1, 8, 15 Operating from the shack  
5 At the bunker

**CRAWLEY ARC**  
John, G3VLH, 01342 714 402  
4 Annual fish and chip supper

**FARNBOROUGH & DRS**  
Derek, G3OFA,  
mail@farnboroughradio.org.uk,  
www.farnboroughradio.org.uk

9 Annual dinner

**HARWELL ARS**  
Malcolm, G8NRP, 01235 524844,  
info@g3pia.org.uk

8 AGM  
22 Shack activity night

**HORNDEAN & DARC**  
Stuart, G0FYX, 023 9247 2846,  
www.hdarc.co.uk

1 Natter night / social evening  
22 Closed

**MID-SUSSEX ARS**  
Sue, G6YPY, 01273 845 103,  
sue@figgerit.co.uk

4 Christmas dinner  
11 Radio night  
18 Christmas quiz  
25 Closed

**SOUTHDOWN ARS**  
John, G3DQY, 01424 424 319

2 Operating at Hailsham shack  
7 Christmas Social at Chaseley

**SWINDON & DARC**  
Den, M0ACM, 07810 317750,  
www.sdarc.net

3 Fun Quiz  
10 Christmas dinner  
17 Natter Night

**TROWBRIDGE & DARC**  
Ian, G0GRI, 01225 864 698, E/W

2 Christmas social & presentation night

## 11 SOUTH WEST & CHANNEL ISLANDS

REGIONAL REP: PAM HELLIWELL,  
G7SME, G7SME@RSGB.ORG.UK

**APPLEDORE & DARC**  
Brian Jewell, M0BRB,  
01237 473251

14 Christmas party

**BLACKMORE VALE ARS**  
Tony G0GFL, 01258 860741

1 VHF shack evening  
8 Christmas photo quiz & JW1SYL talk  
13 Christmas dinner  
15 HF shack evening  
22 Natter night  
26 Boxing day 2m net, 11am  
29 Natter & chat evening

**CORNISH RADIO AMATEUR CLUB**  
Steve, G7VOH, 01209 844939,  
g7voh@btinternet.com

2 Combined Christmas party

**EXMOUTH ARC**  
Mike, G1GZG, 01395 274172

2 Talk on logic chips and other ICs  
by Dean, G0UIL  
16 Christmas party

**NEWQUAY & DARS**  
Joe Bell, M6JOE, 01726 891557

10 Mince pie & sausage roll evening

**SOUTH BRISTOL ARC**  
Len, G4RZY, 01275 834 282

3 Amateur radio software workshop  
with David, G7PKJ  
10 Christmas greetings from the  
radio shack  
17 Christmas social  
24, 31 Closed

**TAUNTON & DARC**  
William, G3WNI, 01823 666 234,  
g3wni@btinternet.com

2 Talk on digital modes  
by Eugene Morgan, G4AIU  
9 Operating club station  
16 Christmas social meeting with  
mince pies  
23 Closed  
30 Quiz



**THORNBURY & SOUTH  
GLOUCESTERSHIRE ARC**  
Tony, G0WMB, 01454 417048,  
tonytsgarc@sky.com

2 OTA  
9 Computer Workshop with Garry,  
G7NVZ  
16 Talk on file handling by John, G6RAZ  
23 Chairman's Quiz & Social  
30 Closed

**WEST DEVON RADIO CLUB**  
Jules Cuddy, M1AGY, 01752291588

8 Christmas party  
22 Closed

**YEOVIL ARC**  
Steve Crask, G7AHP, steve@g7ahp.co.uk

3 Photo quiz night with Derek, MOWOB  
10 George's Memories, G3ICO  
17 Mince pie evening  
24 Closed

## 12 EAST & EAST ANGLIA

REGIONAL REP: PHILLIP BROOKS,  
G4NZQ, G4NZQ@RSGB.ORG.UK

**BITTERN DX GROUP**  
Linda, G0AJJ, 01692 404154,  
secretary@bittern-dxers.org.uk

10 Informal at Pinewood Park Leisure  
Club, all welcome

**BRAINTREE & DARS**  
John, M5AJB, 01787 460 947

7 Club social

**CHELMSFORD ARS**  
Martyn, G1EFL, 01245 469 008

1 Multi Tx radio DF by Roy Emery,  
G4JAC  
5 Christmas lunch at The Chimes

**DOVER RC**  
Brian, G4SAU, g4sau@darco.org.uk

2 Natter and operating evening  
9 Club winter project - A portable HF  
vertical by Ian, G3ROO  
16 Christmas Social at the St Margarets  
Resort  
23, 30 Closed

**FELIXSTOWE & DARS**  
Paul, G4YQC, pjw@btinternet.com

14 Christmas noggin: video & mince pies  
28 Closed

**GORLESTON ARS**  
David, G3OEP, QTHR,  
01493 662 323

19 Lunch time meeting at the Short Blue  
Hotel, Gorleston

**LOUGHTON & EPPING FOREST ARS**  
Marc Litchman, G0TCC,  
020 8502 1645

4 Christmas buffet and bring & buy  
18 Informal meeting at the Robin Hood,  
Loughton

**LOWESTOFT & DISTRICT PYE ARC**  
Phil, G0JSG, 01502585448,  
phillip.holden@virgin.net

3 Club night at shack  
10 Homebrew competition and quiz night  
17 Club night at shack

## HELPLINES

### IMPORTANT NOTICE

RESPONDENTS ARE ADVISED  
NOT TO SEND ORIGINAL  
DOCUMENTS, BUT TO COPY  
THEM AND SEND THE COPIES.

*Helplines is a free service that can  
be used to ask other members for  
help on amateur radio related  
matters. Items for inclusion can be  
sent by post to RSGB HQ or  
preferably by e-mail to  
radcom@rsgb.org.uk.*

• Graham Stones, G7KYX is trying to  
locate a 33 flat pin socket for a GPO  
Telex No 1. If you can help please  
contact him on 01205 871624.

• Frank, G8FPW has the circuit  
and text of a 70MHz multi mode  
transmitter from the VHF/JHF  
manual. Has anyone got any more  
information on a PCB layout? Or was  
it originally published in a *RadCom*  
in the 60s/70s? Any information  
please to 01406 330883.

**PETERBOROUGH & DARC**  
David Howlett, MOVTG, padarc@tesco.net

16 Christmas cheer, mince pies &  
sausage rolls

**SOUTH ESSEX ARS**  
Dave Speechley, G4UVJ, 01268 697978,  
southessex.ars@btinternet.com

9 Open evening with Christmas social

## 13 EAST MIDLANDS

REGIONAL REP: JIM STEVENSON,  
G0EJQ, G0EJQ@RSGB.ORG.UK

**DERBY & DARS**  
Richard Buckley, radio@dadars.org.uk

1 Junk sale  
8 Committee meeting  
15 Christmas quiz night  
22 Christmas social  
29 Closed

**EAGLE RG**  
Terry, G0SWS, 01507 478590

8 End of year review

**LINCOLN SHORT-WAVE CLUB**  
Pam Rose, G4STO, 01427 788356,  
pamelagrose@tiscali.co.uk

2 Christmas dinner  
9, 23 Activity night OTA  
16 Construction contest  
30 Christmas quiz

**LOUGHBOROUGH & DARC**  
Chris, G1ETZ, 01509 504 319

1 Practical evening  
8 Photograph Competition judging  
by Val Williams  
15 What does the team think?  
22 Christmas drink at The Pied Bull  
29 Closed

**NUNSFIELD HOUSE ARG**  
Ken Frankcom, G3OCA,  
01332 720976

4 Egg race talk by Ken Clarke  
11 Christmas party  
18 20 minute mini talks by members  
25 Closed

**SOUTH NOTTS AMATEUR RADIO CLUB**  
Terry, MORIA, www.radioclubs.net/snarc

1 2m Contest  
2 Radio Quiz  
9 Christmas Dinner  
16 Coffee and Mince Pies

**WELLAND VALLEY  
AMATEUR RADIO SOCIETY**  
Peter D Rivers, G4XEX, QTHR,  
01858 432105, g4xex@fsmail.net

14 Christmas dinner  
21 Closed