

## 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, G0TWW

### Honorary Company Secretary:

Rupert Thorogood, G3KKT

### Honorary Treasurer:

Dr R Dingle, G0OCB

### BOARD OF THE SOCIETY

#### PRESIDENT

Colin Thomas, G3PSM

#### MEMBERS

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L Butterfields, G0CIB

D Field, G3XTT

B Reay, G8OSN

J Stevenson, G0EJQ

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D V Wilson, M0OBW

#### REGIONAL MANAGERS

G Hunter, GM3ULP - Region 1

D Morrison, GM1BAN - Region 2

K A Wilson, M1CNY - Region 3

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T Bailey, M0KMB - Region 5

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A Johnston, G8ROG - Region 9

G Keegan, G6DGK - Region 10

P Helliwell, G7SME - Region 11

P Brooks, G4NZQ - Region 12

J Stevenson, G0EJQ - Region 13

Details of the Society's volunteer officers can be found in the RSGB Yearbook 2009.

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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 on-line RadCom can now be found at [www.rsgb.org/radcom](http://www.rsgb.org/radcom) should you want to mention it anywhere.

# The HF Bands and Power Line technology



Members that have been following the saga of Power Line Adaptors affecting the HF bands will have seen the recent response to the e-petition submitted by the UKQRM pressure group and the somewhat predictable

reply from No. 10 Downing Street.

It is a sad fact is that the number of interference reports actually notified to Ofcom by radio amateurs and short wave listeners alike remains very low and fortunately in the vast majority of cases the Regulator sorts the problem out very swiftly. The number of people who signed the last e-petition was 3,554 but the number of complaints actually received by Ofcom is currently only around 100 and is only increasing by around 6 cases per month. At the recent Society Annual General Meeting, questions revealed that while around 60% of the members present were aware of PLA interference not one was actually aware of suffering from the problem and consequently no complaints had been reported.

Why is this? The majority of PLA units are notched for the amateur bands but could still cause problems through a raised noise floor. This fact alone might affect DXers who work with weak signal levels but it could also affect local UK communications given current propagation conditions. Sound bites of the various devices that can cause problems can be found in the UKQRM Sound Database menu at [www.ukqrm.org](http://www.ukqrm.org) and the most common is the BT Vision powerline adapter that heads the list. This is pollution of the Electromagnetic Spectrum on a grand scale.

In reply to an enquiry made by an UK MEP, a recent letter written by Guenther Verheugen, Vice-President of the European Commission and Commissioner for Enterprise and Industry reveals the level of the threat that exists when he states, "I do not consider that the situation for radio amateurs in the United Kingdom leads to an

unacceptable assault on the short wave spectrum which remains available for the purposes it is best used for". As far as Commissioner Verheugen is concerned it seems the purpose it is best used for is for power line technologies. In addition such statements as "PLC Technology does not interfere into military services since they typically do not operate into areas where there is risk of interference" clearly admits to the likelihood of interference being caused to radio systems, and "Emergency services now use advanced digital radio technologies to communicate" plus "Shortwave broadcast reception has further been substituted by internet radio" shows a complete lack of understanding of the basic principles. Try telling that to manufacturers of short wave radios!

Apathy by those amateurs receiving this interference and not doing anything about it will only strengthen the arguments used by the proponents of this technology. Report it to Ofcom and, most importantly, make sure you receive a case number.

Finally I invite you to visit <http://petitions.number10.gov.uk/SaveShortwave2/> and to consider signing the latest petition that targets the proliferating numbers of PLA devices that do not meet the relevant EMC standards.

**Colin Thomas, G3PSM**  
RSGB President

## NEWS IN BRIEF

- In April, we asked readers to contact us with contributions to amateur radio cookbook and book proposals. Unfortunately, a computer error meant that e-mails to [books@rsgb.org.uk](mailto:books@rsgb.org.uk) simply bounced. This has now been corrected, so if you made a submission previously we would be grateful if you could send it again to the same address.
- Online booking has now opened for those who wish to attend the RSGB Convention at [www.rsgbevents.org](http://www.rsgbevents.org). The Convention takes place on the 9 to 11 October at the Wyboston Lakes Centre in Bedfordshire. Prices have again been held to previous levels and there are discounts for those who book early. There is even more planned for this year's convention and provisional details will be available from [www.rsgb.org/rsgbconvention](http://www.rsgb.org/rsgbconvention) shortly.
- Advance notice now of changes to the Amateur Radio Examination fees. From 1 September 2009, the fees will be rising by £2.50 in each instance. The new fees for the Foundation exam will be £22.50, the Intermediate exam will be £27.50 and the Advanced exam fee will be £32.50. Please note these changes don't take effect until 1 September 2009.

## CEPT Appointment

The RSGB President, Colin Thomas, G3PSM is to lead key discussions at the 2011 World Radio Conference. He has been appointed CEPT Lead Coordinator for the 500kHz proposal - Agenda item 1.23 - at the WRC-11 conference. This appointment is unusual in that agenda item coordinators are normally selected from administrations, ie Ofcom. This is a great honour for Colin and the role that the RSGB and the IARU play within the international telecommunications community.

# RSGB AGM

The 82nd RSGB AGM was held in Newcastle on 18 April and, for the first time, was streamed live over the internet courtesy of the BATC. After the formal part of the meeting, the trophies and awards were presented and a very special presentation was received by the RSGB.

A £1000 cheque from the Worked All Britain Group was presented to the Radio Communications Foundation by WAB President Geoff Darby, G6GJU and accepted on behalf of the RCF by RSGB General Manager Peter Kirby, GOTWW. The RCF is the RSGB charity that supports educational programs and initiatives key to the future of amateur radio. Amongst its works, the RCF is the sponsor of the GB4FUN educational vehicle that is achieving great results up and down the country bringing amateur radio to the general public.

RSGB President Colin Thomas, G3PSM presented the trophies and awards for 2008:

For most meritorious description of a piece of home-constructed or electronic equipment published in *RadCom*, The Ostermeyer Trophy was awarded to Phil Harman, VK6APH for An Experimenters Power Amplifier article that appeared in July.

For the most outstanding published technical contribution to amateur radio, The Courtney-Price Trophy was awarded to Eamon Skelton, EI9GQ for the monthly Homebrew.

For the most original article published in

*RadCom*, The Norman Keith Adams Prize was awarded to Mike Bedford, G4AEE for the article Cave Radio in the May edition.

For outstanding experimental work in amateur radio, The Wortley-Talbot Trophy was jointly awarded to Richard Marshall, G3SBA for his article HF Interference From A TV: A Case Study that appeared in April and David Lauder, GOSNO for his article powerline Networking Adaptors Tested that appeared in December.

The RAYNET Cup was awarded to Robin Bellerby, GM3ZYE for outstanding services to RAYNET.

The Don Cameron G4STT Memorial Trophy was awarded to Richard Newstead, G3CWI for an outstanding contribution to low power operation. The Founder's Trophy was awarded to Ivan Rosevear, G3GKC for his outstanding service to the RSGB and the amateur radio community at large.

The Kenwood Trophy was awarded to Norfolk Amateur Radio Club, G4ARN for outstanding contribution to amateur radio training.

The Fraser Sheppard Award was awarded to Chris Bartram, GW4DGU for his research and development work on low noise crystal oscillators for VHF and microwave applications, culminating with the Distaw Crystal design.

The Bennett Award was awarded to Tim Booth, G4YTD for his article A Portable HF Antenna that appeared in the August 2008 *RadCom*.

Life Vice Presidency was awarded to Don Beattie, G3BJ for services to the RSGB and the amateur radio community at large.



Peter Kirby, GOTWW receives the cheque from WAB Chairman, Geoff Darby, G6GJU.



Some of the award and trophy winners at the 2008 AGM.

Certificates of merit were awarded to Steve Roper, G8MXZ for his contribution to Ofcom/RSGB liaison; Carlos Eavis, GOAKI in recognition of his work with GB4FUN and Gordon Hunter, GM3ULP for his contribution to the RSGB Regional Team.

## Northumbria ARC celebrates 40 years

On 18 April, the Northumbria Amateur Radio Club celebrated its 40th anniversary. To mark the occasion, the club ran a special event club station, GX4AAX, from its clubhouse over the weekend of 18/19 April. On the Sunday the president of the RSGB, Colin Thomas, G3PSM, Region 2 Manager Harold Scrivens, G0UGE, DRM's Ray Kelly, G3ZRK and Mario Brashill G2DPA, joined in the celebrations along with over 40 club members and guests. Colin unveiled a plaque marking the event and awarded 15 certificates marking examination successes at Foundation and Intermediate level achieved at the club – during the past year. He was also introduced to the three honorary members of the club Jacques Dussart, G4DGQ, Bill Ricalton, G4ADD and Ken Wiles, G0KNW – Bill and Ken being founder members of the club. Colin Thomas gave a short speech where he commented on the examination successes and the lively atmosphere in the club.

The Northumbria Amateur Radio Club was formed in January 1969 by Jim Temple, G3XAI and five other radio amateurs and initially met at the Wheatshaf Yard in Morpeth, Northumberland. The club now has over 25 members and owns a clubhouse in the village of Ellington near Newcastle in a converted rural telephone exchange. The clubhouse has recently been

refurbished and new aerials installed covering 70cm to 160m. During the celebrations, the club was operating a modern VHF and HF station, but also had on display a KW 77 receiver, KW Viceroy transmitter and KW1000 linear amplifier. Manning the vintage station there was, of course, a tweed-jacketed authentic radio operator to complement the display!

Moving firmly into the digital age ... this year, the club plans to develop and install a D-Star 70cm repeater with its aerial mounted on a 330ft chimney on the coast at Ellington. At this location, covering 40 miles to the North and South, it is expected to help fill the current gap between the D-Star repeaters at Sheffield and Edinburgh. Details at [www.g4aax.org.uk](http://www.g4aax.org.uk).



## RSGB President visits CARS



Colin Thomas, G3PSM, RSGB President, visited the Chelmsford Amateur Radio Society recently to give the talk, 'What has the Society done for me?'. The talk centred around the work of the Society, what Members (and non-Members) thought they knew and what they don't know.

In addition to Colin's current position as RSGB President, he is also Spectrum Director and a former HF Manager for the Society. In November 2008 he also became Chair of the IARU Region 1 External Relations Committee, which coordinates efforts for World Radio Conferences

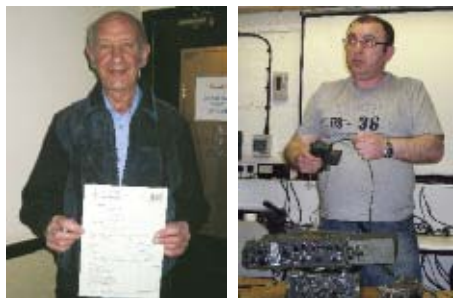
Also during the evening, Colin presented the CARS Constructor's Shield to Ron, G4SIS for his beautifully hand-crafted 50 – 250pF capacitor.

# Exam Successes

Hucknall Rolls-Royce ARC have had several exam successes recently and have four candidates eagerly awaiting their results. Ian Wilde, M6YAI, Carl Millar, M6CMR and Lesley Pass, M6LHP all completed the Foundation Course and were delighted with their results in the exam. Ian and Carl are looking forward to taking their intermediate exam later this year.



Steve Harvey (below right) took the Foundation exam having self-trained for the exam; he passed with flying colours and is now looking forward to taking the Intermediate exam at the next opportunity. His new call sign is M6SLA. Cyril Mokes, M3TKP could not get out to take the exam and so the club arranged for him to sit the exam at home. Cyril's new call sign is 2E0SAU.



Finally, Boyce Harrison, M3XBH (above left) passed his Intermediate examination on 1st April. He sat his exam along with another four club members who were sitting their Advanced examination on the same night, these four candidates are still awaiting their results. Boyce's new call sign is 2E0BWH.



**The North Wakefield Radio Club had yet another exam session in April. The successful candidates were Laura, M6LVW and Chris, M6CSY.**

The latest Foundation Course by the Plymouth Training Team ended on Monday 16 March when all six candidates passed their Foundation Licence Examination. Congratulations to the candidates and 'well done' to Chris, M5CJW for teaching the theory and conducting the on air assessments. Thank you to Peter, MOBLO for his instruction and assessment of the Morse code and to Kevin, M5HWK for being the invigilator for this examination. Listen out for some new M6 callsigns.

This was the twelfth Foundation Course run by the team, who have also run five Intermediate courses and assisted several individuals with the Advanced Examination. Plymouth Training Team run evening courses as and when there are sufficient candidates to cover the running costs of the course, rent, etc. For details see the website at [www.radioclubs.net/plymtrainingteam](http://www.radioclubs.net/plymtrainingteam).



**L-R: Standing at the back Henry Brice, Bill Hopkins, David Morbey and Ken Donnelley. Sitting: Helen McPhillips and Maureen Hawk.**



Meirion Amateur Radio Society, from Dolgellau in Mid Wales, held exams for Foundation and Intermediate licences on the evening of April 1st. There were 5 candidates in all for the exams. Each had been instructed by Bob Smith, GWOAYQ, with help from John Martin, MW0VTK. Everyone had taken the practical tests during their 12 weeks of training and were ready to get their heads down to the theory paper. Bob Smith has run 26 courses teaching all levels of the amateur radio licence and, to date, he has a 100% pass record!

The April Fools Day class were as good as ever, with everyone passing their exams with flying colours. From left to right in the picture

are Louis Martin, now 2W0LGG, Amanda Bennett, now 2W0BVK, Bob Smith, GWOAYQ, Vanessa Lea, now 2W0VJL, Simon Lord, now 2W0SXY and Dulynd Davies, MW6DUL. Further details about Meirion ARS can be found on the club website <http://meirionars.multiply.com>.



Well done to the candidates on passing the Foundation exam at Hull & District Amateur Radio Society. Shown in the back row is Ray Penny, 2E0BRQ club chairman, John Baines, MOJBA and Bob Hatton, GOVVP, club examiner. In the lower row you can see new members (l-r) David Walker, Daniel Scott, Danny Knaggs and Scott Lees having just passed the exam in April.



Mexborough & District Amateur Radio Society had another success when Chris Wade, M6CDW passed his Intermediate Exam in March. Chris is now studying for the Advanced exam.

## NEWS IN BRIEF

- The long-planned DXpedition to Rockall by ON4ATW has ended without a landing. Arriving on the morning of 29 April, conditions were so rough it was impossible even to make QSOs from the boat. With the weather forecast predicting wind gusts increasing to 80km/h, the attempt had to be abandoned.
- The Bromley ARC will be supporting the Pageant of Motoring at Norman Park, Bromley on 14 June. There will be 3000 classic cars and several thousand visitors ([www.bromleypageant.co.uk/](http://www.bromleypageant.co.uk/)). The club will have an amateur radio stand and an HF beam mounted on a convertible Rolls as well as ATV, Packet and DIY CW for the juniors.

## New D-Star Radios

Two new D-Star radios have been announced by Icom, the IC-E80D and ID-880H. Both these radios have large liquid crystal displays, straightforward controls and a D-Star repeater mode that allows the user to access a D-Star repeater in just two steps! The CS-80/880 configuration software is free to download from the Icom website. This lets you configure a range of settings including memory data from your PC. Both radios share the same set-up procedure so

you can share memory data with each other via the cloning software.

Currently there is no release date for these models. Pricing and type approval are pending. For full details on the radios, check out the Icom UK website, [www.icomuk.co.uk](http://www.icomuk.co.uk).



## Legacy

An anonymous donor has left the Radio Communications Foundation (RCF) a sum of money for use to develop a 'suitable amateur satellite project in consultation with the committee of the AMSAT-UK organisation'.

AMSAT-UK have been approached by the RCF for their ideas and concluded that the funds should be split between (1) supporting students/young radio amateurs over a period of time, eg to sponsor them to attend the Colloquium and (2) supporting the development of flight hardware project(s) that should be shown to be relatively low risk and, ideally, have some educational value as well as supporting the amateur satellite community.

Additionally, the AMSAT-UK committee decided that they would canvas the worldwide amateur radio community for their ideas for a suitable project. The total sum involved is around £40,000. They would, therefore, welcome any thoughts and ideas. Please send them to the Hon Secretary, AMSAT-UK, [g3wgm@amsat.org](mailto:g3wgm@amsat.org). Please limit any submissions to a few sentences. Detailed proposals are not required at this stage. AMSAT-UK's website is at [www.uk.amsat.org](http://www.uk.amsat.org).

## CASHOTA



Oxburgh Hall, Norfolk was built in 1482 by the Bedingfield family, who still live in parts of the house, but the property is now maintained by the National Trust. Bittern DX Group members will be operating with callsign of GB2OH over the weekend 19 to 21 June as a Castles & Stately Homes on the Air (CASHOTA) award activation from the beautiful grounds. Their reference number for the property is G-154 and they will be active on all bands, but mostly SSB. A special QSL card has been printed for the event, which is available via the bureau or direct from Dave Edwards, MOCNP, QTNR.

The SES coincides with Father's Day and a 'Boys and their Toys' weekend, where local clubs will be exhibiting their hobbies. Everything will be on show from remote controlled helicopters, planes with flying displays and boats to scale model traction engines and train layouts, making a great day out for all the family.

## D-Day Commemoration

Two members of the Dutch Apeldoorn DX and Contest Crew will activate an amateur radio station from Juno Beach in Normandy during the 65th Memorial D-Day, on June 6. They will use the callsign F/PA65DDAY. They will be using SSB on the 80, 40 and 20m bands depending on the conditions. QSL information on QRZ.com.



## GB5LB

The Isle of Man Amateur Radio Society were again asked to operate an amateur radio station during the Port St Mary RNLI Open/Lifeboat day in 2009. This year they will include all five of the islands Lifeboat Stations during their open days throughout the summer. The first event, from Douglas, was scheduled for Sunday 10 May. GB5LB will be on the air on 80m (centred around 3.7MHz) on the following days and locations:

- Peel – Thursday 4 June.
- Ramsey – Saturday 4 July.
- Port Erin – Sunday 12 July.
- Port St Mary – Sunday 26 July.

The RNLI HQ at Poole is delighted at the prospect of these events taking place on the Isle of Man and has printed a special QSL card (designed on the Island) for the event. This QSL card will identify each Isle of Man RNLI Station, contacted during each individual public open day. Furthermore, the RNLI HQ has also agreed that any amateur station contacting all five RNLI Isle of Man stations during the year's event will be eligible to receive a special RNLI Certificate confirming the achievement.

All QSL cards must be sent direct (and not via the bureau) to Port St Mary Lifeboat, The Boat House, Lime St, Port St Mary, Isle of Man IM9 5EF and must arrive before the end of September. This will allow time for those who wish to apply for the Special RNLI Certificate to receive the appropriate IoM QSL cards and to submit their requests back to the Isle of Man. Please enclose a self addressed envelope and an IRC for return postage with your QSL card. UK stamps are not accepted by the IoM Postal Service.

Details at [www.iomars.blogspot.com](http://www.iomars.blogspot.com).

## Geoparks

Geoparks Communication Weekend will be held over the weekend 23 and 24 May. For amateur radio stations around the world who contact Geopark stations, the English Riviera Geopark will be offering a special commemorative Geoparks Network radio amateur certificate for contacts with GB6GEO and one other Geopark station, or three Geopark stations excluding GB6GEO. Certificates will cost UK amateurs £2.20 each, Europe €3 and rest of the world US\$5. Managing the certificate scheme is Torquay based radio amateur Martin Foster, G3VOF.



## Reading Rattle



**Graham Bedwell, G3YX, creator of the RAIBC's Reading Rattle.**

The Reading Rattle is the audio magazine service run by the RAIBC. Created by Graham Bedwell, G3YX, radio-related magazines are available

to qualifying visually-impaired amateurs and SWLs. After providing recorded audio magazines for the visually impaired for over thirty years, the Reading Rattle continues to grow.

April saw the welcome return of BB. Originally known as Brian's Broadcasting Bits, the new BB is now read by Ron Price, GW4EVX and his wife, Sue. It's a digest of items that are of interest to radio amateurs, SWLs and the general population, too. The first edition of the new show included items on radio in the international news, a fascinating piece on jamming, a track entitled "A Hobby for the Blind" and coverage of captioned radio and its benefits for deaf listeners. It's a half-hour recording is filled with interesting and important pieces.

As well as recordings of periodicals, RR also includes audio copies of essential radio books like Foundation Licence Now! plus intermediate and advanced course manuals.

You can find out more about RAIBC, the charity working for blind and disabled amateurs and SWLs, at [www.raibc.org.uk](http://www.raibc.org.uk) or you can call the RAIBC Helpline free on 08000 141 743.

## GB7DK Operational

At the beginning of April, GB7DK, a new D-Star system located at Stranraer in Scotland, was commissioned. The system transmits on 145.6875MHz with -600kHz split. This is the 5th site to come online under the D-Star Scotland banner and forms another part of the D-Star network within Scotland. It is hoped that as well as covering parts of GM it may also cover GI and GD. Reports are welcome.

For further information on GB7DK and the D-Star Scotland network please visit [www.dstarinfo.org](http://www.dstarinfo.org).

## Amateur Get-together

Over the Easter weekend Jim, MOJHW organised one of his twice-yearly get-togethers for radio amateurs at The Sports and Social club, Harlaxton, Grantham. It was very well attended on the Saturday. Around 30 people were there when the local RSGB Rep popped in. Special event station GBOGRA was busy working many stations throughout the day. The event finished with the traditional barbecue. Whilst GOEJQ, the local RSGB Rep was there, he even managed to recruit a new Morse assessor and a couple of new members too!



**Region 13 Manager Jim Stevenson, GOEJQ (left) together with host Jim Wheeldon.**

## RAIBC Donation

At the Norbreck Castle rally, WAB Contest Manager Brian Stock, GOBFJ presented £1000 to RAIBC, the charity working for disabled radio amateurs. As the doors opened and the halls began to fill, the presentation took place in front of the Worked All Britain stand.

WAB has supported RAIBC over many years. This year its members' generous donation will be used to improve the accessibility of [www.raibc.org.uk](http://www.raibc.org.uk), the RAIBC website. Accepting the cheque on behalf of RAIBC was Chris Pearson, MOJQR, editor of the RAIBC Radial magazine.

Information about RAIBC is available at [www.raibc.org.uk](http://www.raibc.org.uk) and the club's free helpline number is 08000 141 743. WAB is at [www.worked-all-britain.co.uk](http://www.worked-all-britain.co.uk).



## Activity Week

From 9 to 19 April, the Royal Naval Amateur Radio Society, London Group HMS Belfast held their annual activity week. Many members from the USA, Germany, Holland, Belgium, Switzerland and the UK stayed on board. The radio station GB2RN was operational on several bands and modes.

On Wednesday 15th, the group were the guests of the Yeoman Warders of HM Tower of London. After a private tour of the Tower and hospitality in the Yeoman Warders' Club, they witnessed the Ceremony of the Keys.

On the following day, the AGM was held in the Wardroom Ante-Room. Guest of Honour at the social was the RSGB President, Colin Thomas, G3PSM.



**Colin Thomas, G3PSM, RSGB President and Rod Passanannti, 2E1RPS, outgoing London Group Chairman.**

## FR-550 Winner

In the April edition of RadCom there was a competition to win an eton FR-550 solar dynamo radio that was kindly donated by Nevada Radio. The lucky winner has been drawn and the radio will be heading off to John Totten, G7LWF.

### NEWS IN BRIEF

- There's a new address for the UA2/R2F QSL bureau: Sergej E. Popov, PO Box 1122, Kaliningrad, 236019, Russia.
- Bushvalley Amateur Radio Club will stage a special event station on Saturday 18 July using the callsign GBOMAR, from the village of Dervock in County Antrim, Northern Ireland. The event is the village fun day, the highlight of which is a half marathon, run around the surrounding country roads of the village. The day is to commemorate the birth of Kennedy Kane McArthur, who grew up in the village and emigrated to South Africa in search of work. More information on Kennedy Kane McArthur is available from the club website, [www.freewebs.com/bushvalleyarc](http://www.freewebs.com/bushvalleyarc). A special QSL card will be issued via the bureau.
- The M1PAC Echolink node in Keighley West Yorkshire (IO93AU) has been approved by Ofcom. The link will be on 144.825MHz with a CTCSS tone of 77Hz. The station is 700' ASL, the antenna is 1.0m above ground and is omnidirectional so it should be available to a wide range of users in the area.

## NEWS IN BRIEF

- GB2RAF will be operational for Museums on the Air on Saturday 20 June from the RAF Air Defence Radar Museum at RAF Neatishead in Norfolk. The station will be on the air from 10am to 4pm.
- GB2RI will be on the air between 21 and 24 June for the Rotary International 100th Convention at the NEC in Birmingham. QSL via G3LUW or via the RSGB Bureau.
- The Bromley & District ARS will be holding an Intermediate Course on Saturdays 27 June, 4 July and 11 July. The exam will be the afternoon of 11 July. Details on their website [www.bdars.org](http://www.bdars.org).
- The Associação de Radioamadores do Litoral Alentejano has installed a new multi-band beacon cluster on the 6m, 2m, 70cm and 23cm bands. The callsign is CS5BLA and it is located at Aldeia de Chãos, about 92km south of Lisbon, the capital of Portugal (locator IM57PX). The beacon message, in CW, is: V V V DE CS5BLA QTH BEACON IM57PX. The frequencies in use are 50.076, 144.410, 432.425 and 1296.825MHz. QSL cards can be sent direct to CS5BLA, ARLA, Rua do Parque, nº 10 (Antigo Colégio de S. José), 7540-180 Santiago do Cacém, Portugal.

## ROTA

Following last year's first Railways on the Air event, Bishop Auckland Radio Amateurs Club is planning to coordinate ROTA 2009. The event is timed to coincide with the anniversary of the running of the world's first steam passenger train on the Stockton to Darlington Railway.

As last year, clubs and individuals are encouraged to make contact with a local heritage railway and arrange to run a special event station from their site over the weekend. The event will last over the weekend of 26 and 27 September.

ROTA 2008 produced over two dozen registered special event stations linked to heritage railways from as far afield as Australia and Poland, although most were in the UK. It is hoped that more international stations will register this year and join in with the event. BARAC will run a special event station over the weekend signing its permanent special event callsign GB2EVR on HF, 2m and 70cm at the Eden Valley Railway in Cumbria on the Stockton to Darlington extension.

To register go to the BARAC website at [www.barac.m0php.net/](http://www.barac.m0php.net/) and follow the links.

## Spalding Awards

At the recent AGM, Spalding & District Amateur Radio Society awards were presented to members. G7THF was awarded best newcomer to the club. G4SJV won the constructors trophy for his work on the GB3TL repeater. MOPAC received the G3XBS trophy for services to the club in the past year and MOTNV received the G400 trophy for his contributions to the club in the past year. The club meet every Friday evening at the Castle Sports Complex and have meeting room and dedicated radio shack. For more info log onto [www.sdars.org.uk](http://www.sdars.org.uk).



L-R: G7THF, G4SJV, MOPAC, MOTNV.

## Top Ham

The 2009 Top Ham Competition took place on Sunday 19 April at the Kempton Park Rally. Around 250 entries were received for the first round and, once marked, this was whittled down to six contestants for the second round: Dave, G3YXM, Stuart, GOLRX, Chris, GOMLY, Dave, G3WCB, John, G3PQA and Mark, G4FPH.

The overall winner, who received the RSGB Top Ham Trophy and an Icom 7200, was Mark Hill, G4FPH from Stafford. He only got 2 questions wrong in the first round (out of 25) and scored 13 in the second round. The runner-up was Chris Hill, GOMLY, also from Stafford and he received an Icom E92D after getting only 3 questions wrong in the first round and scoring 8 in the second round.

The questions were asked by Eugene Sully of Big Brother fame and the prizes were presented by Alison Johnston, RSGB Regional Manager for London and the Thames Valley. The Top Ham Competition is sponsored by the RSGB and was managed by Radiofairs.



## Erne Rally Raffle Winners

Lough Erne Amateur Radio Club hosted almost 200 amateur radio enthusiasts, most from Northern Ireland and the Republic and some from overseas at its annual radio show in the SHARE centre. There was a raffle for two handhelds. LEARC Chairman Gerry McLernan, MI3GHW presented a Yaesu to David Corbett, EI6IQ from Scotstown in Co Monaghan. Richard White, GI4DOH, won an Icom rig presented by John Turner of Icom.



Photograph by Herbie Graham, GI6JPO.

## Full Tuition

The Carmarthen Amateur Radio Society goes back to the beginning of the 1980s. The club QTH started out – as most clubs did – in an upstairs room of a pub. With several moves over the years, they have now settled into a new home within a building they share with the Blind Society. Their meetings are every 1st and 3rd Tuesday of the month.

In the past the club was able to offer the City & Guilds RAE exam and now the club can offer tutoring in all three of the current exams. The photograph shows four members of the Carmarthen club: from the far left Peter Elias, MW0ZZD, Alastair Underwood, GWOAJU, Treasurer / Secretary, Peter Watson, MW3WJP, Chairman and to the far right tutor and Region 7 Deputy Regional Manager, Trevor Nicholas, GW4RVA, the photographer was Rod Belcher, GW4PCJ, committee member.

Details are available from the club website or the club Secretary: Alastair GWOAJU.

[www.carmarthenradioclub.org.uk](http://www.carmarthenradioclub.org.uk).



## International Marconi Day



Tim Williams, G4YVY, Gordon Stevens, G1ZEC, Robin Brazier, GOOSG, Tony Butler, G6MNL and Rod Hickey, G6LVJ who operated GB5LT.

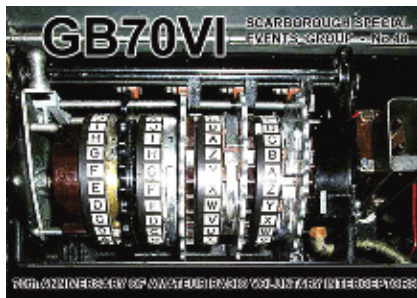
GB2MT was on the air for International Marconi Day from Writtle in Chelmsford. David, G8OQW ended the day with 138 contacts in the log, most of which had been interesting conversations. They used a Comet H422 HF dipole that was mounted atop a 6m mast and the equipment, an Icom IC7700, was set up in a very nice classroom within the sports complex. With windows all the way down one side, the classroom gave a great aspect across the sports field and beyond to the original Marconi site.

GB5LT was on the air from Luttrell's Tower, in Calshot, near Southampton. Looking for a 'place in the country', Marconi's wife, Beatrice, found Eaglehurst, which included Luttrell's Tower. It was let to the family in 1911 and Marconi used the top room of the tower as a radio laboratory. The station was set up adjacent to the tower by the Waterside New Forest Radio Club.

### NEWS IN BRIEF

- DigiCon 09 will take place on 6 June at the Technology Education Centre, Spillers Place, Omagh, Tyrone BT78 1FA. Registration is from 11am. There will be lectures on D-Star and satellite communications as well as some trade stands and the RSGB's GB4FUN exhibition vehicle.
- The Bromley ARC will be supporting the Pageant of Motoring at Norman Park, Bromley on 14 June. It is the exhibition of this type in the world with 3000 classic cars and several thousand visitors ([www.bromleypageant.co.uk/](http://www.bromleypageant.co.uk/)). They will have an amateur radio stand and an HF beam mounted on a convertible Rolls as well as ATV, Packet and DIY CW for the juniors.

## Voluntary Interceptors



In 1939, the radio equipment of all radio amateurs was ordered to be confiscated for the duration of the war, but many amateurs volunteered to become Voluntary Interceptors in their own homes. These VIs assisted the Allies in their task of intercepting encrypted Enigma messages transmitted in Morse code, which were passed to the code breakers at Bletchley Park.

As a tribute to these VIs and to commemorate the 70th anniversary of the commencement of this operation, the Scarborough Special Events Group will be operating as GB70VI over the weekend of 27 and 28 June. This event will coincide with Armed Forces Day, on 27 June when Scarborough will be hosting the largest event planned for the region and will be an opportunity for everyone to pay tribute to our Armed Forces, past, present and future.

The QSL features a photograph of a Navy four-rotor Enigma machine.

## Prize Winner

Last month we told you of the winner in the Moonraker competition in celebration of the opening of their new showroom. Tony, G6RBK came back to the showroom to collect his prize from Sales Director, Justin Godfrey. You can see G6RBK with the complete station set up of a Yaesu FT-7800E, a Watson PSU as well as Moonraker antennas and mounts.



## Flex now shipping

The FLEX-3000 is the newest Software Defined Radio from FlexRadio Systems and it will be available in Europe from June. A lab grade spectrum display or panoramic adapter with up to 96kHz bandwidth and a resolution down to 11Hz is standard. Also included are DSP filters that are continuously tuneable up to 10kHz Rx bandwidth (3.6kHz on Tx). Direct conversion down to baseband eliminates the need for roofing filters. RF pre-selection is performed with BPF for all amateur bands and LPF for MW listening and an integrated ATU which may be used for further RX pre-selection.

For more information see [www.Flex-Radio.com](http://www.Flex-Radio.com). Delivery can be arranged direct from FlexRadio Systems or through Waters & Stanton.



## Restored Site

Over 100 years ago, Marconi opened two wooden huts on a Cornish cliff close to the Lizard village and lighthouse. Today, one of those huts has been restored by the National Trust and one room looks today as it did in 1903. The adjoining room, as well as being a radio museum, contains a fully operational amateur radio station with a Kenwood TS-850 transceiver feeding a W3DZZ aerial.

The other hut, which has retained some of the original timbers, has also been restored and is now available through the National Trust as a holiday let. Details and availability can be found on the website at [www.nationaltrustcottages.co.uk](http://www.nationaltrustcottages.co.uk).

The amateur station will be made available to radio amateurs who can present a copy of their licence and the National Trust would welcome holiday let bookings for events such as Lighthouses and Museums on the Air events (for which the station qualifies) as well as other special events. The station website is at [www.lizardwireless.org](http://www.lizardwireless.org).



## Celebrating 100 Years



Girlguiding UK will be celebrating 100 years of Guiding from September 2009 to 2010 on 20/10/2010. Ofcom has given

permission for UK amateur radio stations on air to celebrate the centenary to use call signs in the format of GG100xx or GG10xxx.

Applications for one of these Special Event Calls must be made by a holder of a Full UK Amateur Radio Licence and be supported by an appropriate letter, on headed paper, from a Girlguiding UK appointment holder for the group. The website, [www.guides-on-the-air.co.uk](http://www.guides-on-the-air.co.uk) will contain further information and details of stations on air during the year as well as TDOTA in February.

## Secret Machines

There is a free booklet called the 'Secret Machines' British Code-Breaking during World War II, published in 1999. It is available from the Archives Department of the (then) IEE, now known as the IET; Institution of Engineering & Technology. The booklet is full of black and white photos of the Enigma Machine and details of Bletchley Park, the part that Tommy Flowers played there and so on. Many people have contributed to this fine booklet, including Pat Hawker, G3VA.

There are few of these booklets left. If you are interested in this topic, send an A4 SAE with a couple of First Class postage stamps to help with return postage costs to Asha Marvin, The IET Archives Department, Savoy House, Savoy Place, London WC2R 0BL.

You could also take a look at [www.theiet.org/about/libarc/archives/featured/secret-machines.cfm](http://www.theiet.org/about/libarc/archives/featured/secret-machines.cfm), but this is not as detailed as the booklet.

## Scouts Net

Over the weekend of 20 and 21 June, members of the UK Radio Scouts Net will be operating a station from the home of scouting at Gilwell Park using the call sign GB2GP. The organisers are asking that stations listen out for them and talk to the youngsters as and when they are at the station. They will be operating on the 80m to 20m bands as well as 2m.

For further details contact GW1IOT by e-mail to [Hydren@harr1961.fsnet.co.uk](mailto:Hydren@harr1961.fsnet.co.uk).

## Back to Stockport

After a number years meeting on the outskirts of the borough, Stockport Radio Society has moved back to the centre of the town.

The society, which will be celebrating its 90th anniversary in 2010, has moved its headquarters to Walthew House, Shaw Heath, Stockport SK2 6QS where meetings will be held on the 1st and 3rd Tuesdays of each month. This will also serve as the venue for the society's regular training courses and, indeed, a Foundation Course was held at the new venue over the weekend of 4 and 5 April. Seven candidates sat the course with all passing the assessment, which was another 100% success rate for our team of tutors.

Walthew House, until recently known as Eycline Stockport, is the centre for residents with sight and hearing disabilities in the local area. Amongst other activities, the Stockport Talking Newspaper Association produces a weekly programme at the centre that features local news and items of interest and which is available on CD or audio tape to local residents. Stockport Radio Society member Barrie Turley, G6GUT has been involved with this project for many years and was pleased that the society had moved into the new venue. Equipment for listening to the CDs/audio tapes is made available by the British Wireless for the Blind to qualifying local residents and it is Stockport Radio Society's intention to support the Transmission 2009 event taking place in September 2009.

Members, past members and guests are invited to visit the society at its new venue. More information about Stockport Radio Society can be obtained by visiting the society's website at [www.stockportradiosociety.co.uk](http://www.stockportradiosociety.co.uk).

## Radio Interface

The MyDEL CG SB-2000 Radio Interface employs a CAT/CIV interface as standard and supports CAT with RS232 protocol. It connects to your PC via USB and sound card and connects to your radio via custom leads. Once connected and configured you have computer control via USB and decoding via your soundcard using HamRadio Deluxe or other packages. A full set of radio leads (Yaesu/Icom/Kenwood etc) are available at one price, £18.99.

ML&S have also uploaded a video featuring the SB-2000 in action, including installation of the product. This can be viewed at [www.youtube.com/user/MLandSshop](http://www.youtube.com/user/MLandSshop). The price of the new MyDEL CG SB-2000 is £99.95.

## New Crystal Set

The new My Marconi Crystal Radio Kit tunes the AM broadcast band. It's a double-tuned tank set and includes an air variable capacitor for antenna tuning. Each LC tank consists of a 250µH ferrite toroid coil and a 365pF air variable capacitor. The primary and secondary tanks are nylon shaft coupled to the front panel and capacitively-coupled to each other. The front panel is reminiscent of Marconi's Type 106 Radio Tuner. The kit includes chassis, front panel, side rails, metal and nylon hardware, two earphones, two ferrite toroids, a detector diode and capacitors and an 18 page manual (including schematic and theory of operation).

This kit is ideal for second-set builders and those interested in learning more about coils, tank circuits, antenna matching, diode detection of AM radio signals, and matching of earphones and headphones to a crystal detector. The radio costs \$69.95 plus shipping and more details are on the website [www.midnightscience.com](http://www.midnightscience.com).



## Telford Rally Date Change

Telford & DARS have found it necessary to change the date of this year's Telford HamFest in Telford, Shropshire. The new date is Sunday 4 October, opening at 10.30am. (Previously the rally was to be held on Sunday 13 September). All other details remain the same. Details at [www.telfordhamfest.co.uk](http://www.telfordhamfest.co.uk).

### NEWS IN BRIEF

- There is now a 6m net running in East Anglia. It is run by MOCVO in Norwich and is every Friday evening from 7.30pm. The frequency is 51.510MHz and mode of operation is FM. All are welcome to join, you do not need to be a member of any club to join in.

- Peterborough and District ARC are establishing a station at Flag Fen Archaeology Park, during the weekend of 20 and 21 June as part of International Museums Weekend. Further details are at [www.radioclubs.net/padarc](http://www.radioclubs.net/padarc) where a link to the Flag Fen site can be found.

**1 SCOTLAND SOUTH & WESTERN ISLES**REGIONAL REP: GORDON HUNTER,  
GM3ULP, GM3ULP@RSGB.ORG.UK**COCKENZIE & PORT SETON ARC**

- Bob, GM4UYZ, 01875 811 723
- 5 Normal Club Night
  - 6 Port Seton Gala Day
  - 14 PW 144MHz QRP Contest
  - 20 Museums on the Air GB2MOF
  - 24 C&PSARC 20m Activity Night
  - 26\* Normal Club Night
  - \* Note Change of Night

**2 SCOTLAND NORTH & NORTHERN ISLES**REGIONAL REP: DENNY MORRISON,  
GM1BAN, GM1BAN@RSGB.ORG.UK**ABERDEEN ARS**

- Lewis, GM4AJR, 01224 575 663,  
www.aars.freeserve.co.uk
- 4 Junk Sale
  - 11 Equipment check
  - 18 VHF Fox Hunt
  - 25 On the Air / Construction

**GLENROTHES & DRC**

- Dave Francis, 01383 823878,  
www.gdarc.org.uk
- 6 Fife Police Gala Weekend

**KINGDOM AMATEUR RADIO SOCIETY**

- Brian, MM0XBD, 01383 738905,  
mm0xbd@kars.org.uk
- 3 Club Shack Night
  - 10 Shack Night
  - 17 Presentation Night
  - 24 Shack Night

**MORAY FIRTH ARS**

- Jim, MM0SMD, 01340 820 134,  
nicol123@btinternet.com
- 5 HF Field Day Weekend

**3 NORTH WEST**REGIONAL REP: KATH WILSON,  
M1CNY, M1CNY@RSGB.ORG.UK**BOLTON WIRELESS CLUB**

- boltonwireless@gmail.com
- 8 PW 2m QRP & DF plans
  - 22 Synchronised 2m Radio DF Hunt

**CHESTER & DRS**

- Barbara Green, 0151 339 9183,  
www.chesterdars.org.uk
- 2 After the B2 by John Langan
  - 16 Surplus Sale
  - 23 Outside Event at Frodsham Hill

**MACCLESFIELD & DRS**

- Roger Bell, G0GGMG, roger@gx4mws.com
- 1 HF Field Day Preparation
  - 8 Social Evening
  - 15 Talk: Portable by Air
  - 22 Social and On Air Evening
  - 29 Fox Hunt

**MID-CHESHIRE ARS**

- Peter Paul Fox G8HAV, 01606 553401
- 3 HF On Air
  - 10 Operating Practices and Procedures
  - 17 VHF On Air
  - 24 VHF/NFD Contest Planning

**MORECAMBE BAY ARS**

- Martin, MOZIF, 07852 200232,  
martin@mbars.internationalham.com
- 2, 16 & 30 Social Evening
  - 9 Construction Competition
  - 23 Film Night

**SOUTH MANCHESTER R & CC**

- Ron, G3SVW, 0161 969 3999
- 4 Oscilloscope Practice by G6ISA
  - 11 Digital Photography by Ken, G4TZT
  - 18 SSB Summer Solstice Barbecue
  - 25 Technical Open Discussion
  - 29 Monthly Technical Forum

**THORNTON CLEVELAYS ARS**

- John Foster, M3WAZ, 01253-399377
- 1 Natter Night & Field Day Prep
  - 8 Tech Talk by Peter
  - 15 Quiz by Ted, G3WBB
  - 22 Show & Tell/Radio Night
  - 29 V/UHF Field Day Prep

**WARRINGTON ARC**

- Roger, MODWQ, 07868 000 705
- 2 APRS by Mike, G4VSS
  - 9 Talk by Alan, G8WQE
  - 16 Talk by Ian, MOBXR

**4 NORTH EAST**REGIONAL REP: HAROLD SCRIVENS,  
G0UGE, G0UGE@RSGB.ORG.UK**ANGEL OF THE NORTH ARC**

- Nancy, G7UUR, 0191 477 0036,  
nancybone2001@yahoo.co.uk
- 1, 8, 22 & 29 On the Air Night
  - 15 SSB Operation by Chris Herring

**FINNINGLEY ARS**

- Colin, 2E0UBT, 0172 471 1686,  
www.g0ghk.co.uk
- 2 Antenna Modelling by G3VZE
  - 7 3cm Rx Buildathon
  - 13 70MHz Contest Operating
  - 20 Visit to RAF Holmpton Secret Bunker
  - 27 VHF Operating Weekend

**GOOLE R & ES**

- Ken G6YYN, 01757 638539
- 3 On the Air Night
  - 10 BBQ
  - 17 Social Night
  - 24 Contest Planning Night

**HALIFAX & DARS**

- Anthony Vinters, 01422 822636,  
tony@g0wfg.demon.co.uk
- 16 Pie and Pea Supper
  - 21 The QSL Bureau by Richard, G3UGF

**HORNSEA ARC**

- Gordon, G3W0V, 01377 240573,  
gmacnaughtwov@yahoo.co.uk
- 1 80m CC Data
  - 3 NFD Prep
  - 6 NFD
  - 10 NFD wash up, 80m CC CW
  - 17 2nd Foxhunt, Richard G4YTV
  - 18 80m CC SSB
  - 24 Committee Meeting

**SHEFFIELD ARC**

- Mike, G0TKO, 01709 382479,  
www.sheffieldarc.org
- 1 HF and LF Antennas by G3VOT
  - 8 Which antenna is best for me?
  - 15 Tuning antennas with an MFJ Analyser by G3PHO
  - 22 Social Night and VHF NFD Contest Final Planning

**WAKEFIELD & DRS**

- Ken, 2E0SSQ, 07900 563117
- Throughout June: Society Diamond Jubilee Celebrations With GB6WRS Active All Month
- 18 Official Opening of New HQ
  - 19 Weekend Operation from Beacon Hill Farm

**5 WEST MIDLANDS**REGIONAL REP: TREVOR BAILEY,  
M0KMB, M0KMB@RSGB.ORG.UK**BROMSGROVE & DARC**

- Chris, MOBQE, 01905 776 869,  
m0bqe@hotmail.com
- 5 FT1000MP Demo
  - 12 QRP on the Lawn
  - 19 Prep for Museums on the air (1)
  - 26 Prep for Museums on the air (2)

**COVENTRY ARS**

- John, G8SEQ, 07958 777363
- 5 Radio Ancient & Modern by G8HJS
  - 12 Bunkers on the Air
  - 19 2nd Round G4ZMC Trophy
  - 26 Radio Workshop & Operating

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 RadCom is the 1st of the month before the cover month (so for this June issue it was 1 May), while for GB2RS it's 10am on the Tuesday for the week of broadcast.

**GLOUCESTER AR & ES**Anne, 2E1GKY, 01452 548478,  
daytime, www.g4aym.org.uk

- 1 NFD Logging Presentation.
- 8 Visit to the Isle of Skye by G4CIB
- 15 How I became interested in Amateur Radio
- 22 Outdoor Operating-Draw.
- 29 Informal Meeting & On the Air

**MIDLAND ARS**

Norman, G8BHE, 01214 229 787

- 3 Committee meeting, Training Classes
- 10 Laptop Computer Training Evening
- 17 VHF Field Day Arrangements
- 24 Training Classes, Ragchew & Equipment Check

**SOUTH BIRMINGHAM RS**

Don, 0121 458 1603

- 1 Contest Evening
- 3 General Meeting
- 5, 12, 19 & 26 Construction Evening
- 8 Contest Review & Equipment Checking
- 15 Committee Meeting
- 22 Equipment Review and Aerial Checking
- 29 Getting Ready for VHF NFD

**TELFORD & DARS**Mike, G3JKX, 01952 299 677,  
mjstreetg3jx@blueyonder.co.uk

- 3 HQ Closed, Committee Meeting
- 10 Enigma/Cryptology by G7GCK
- 17 AR Licensing, then & now
- 24 Pre VHF NFD Planning

**WORCESTER RAA**Leslie, M3WRZ, 01905 764320,  
m3wrz@wraa.co.uk

- 9 Talk & On the air.
- 20 Visit to Madley Satellite Earth Station

**CONWY VALLEY ARC**

Wynne, GW6PMC, 01745 855 068

- 3 Annual General Meeting

**6 NORTH WALES**REGIONAL REP:  
MARK HARPER, MW1MDH,  
MW1MDH@RSGB.ORG.UK**MEIRION ARS**John, MW0VTK, 07868 738016,  
meirionars.multiply.com

- 4 Foxhunt and BBQ

**WREXHAM ARS**

- Glyn, MW0BNB, www.qsl.net/wars/
- 2 Kite antennas by G4ROJ
  - 16 Restoring Vintage Radio

**7 SOUTH WALES**REGIONAL REP: JIMMY SNEDDON,  
MW0EQL, MW0EQL@RSGB.ORG.UK**CARMARTHAN ARS**Alastair Underwood, GWOAJU,  
01267 290822

- 4 Informal Club Night

**8 NORTHERN IRELAND**REGIONAL REP: PETER LOWRIE,  
MI5JYK, MI5JYK@RSGB.ORG.UK**BANGOR & DARC**

Mike, G14XSF, 028 4277 2 383

- 4 Annual Barbecue

**9 LONDON & THAMES VALLEY**REGIONAL REP: ALISON JOHNSTON,  
G8ROG, G8ROG@RSGB.ORG.UK**AYLESBURY VALE RS**

Roger, G3MEH, 01442 826 651

- 10 Preparation for PW 2m QRP
- 14 PW 144MHz QRP contest

**BURNHAM BEECHES RC**

Dave, G4XDU, 01628 625 720

- 1 Foxhunt
- 15 Contest Practice Evening

**COULSDON ATS**

Andy, G8JAC, g8jac@btinternet.com

- 8 Software Defined Radio by G0BBL

**CRAY VALLEY RS**Bob, 2E0RCV, 020 8265 7735  
after 8pm

- 18 ARDF Hunt with G1BU0
- 27 Trip to Red Sands Fort by MOKSJ

**CRYSTAL PALACE R & EC**

Bob, G300U, 01737 552 170

- 5 History of Audio Recording by G0GNA

**DORKING & DRS**Garth, G3NPC, 01737 359472,  
garth@swansons.org.uk

- 23 International Beacons Project by G0CIB

**EDGWARE & DRS**

Mike Stewart, G4RNV, 020 8950 0658

- 11 Surplus Equipment Sale
- 25 Bletchley Park

**NEWBURY & DARS**Richard, G3ZGC, 01635 46241,  
richard.jolliffe@vodafone.com

- 21 Newbury Radio Rally and Boot Sale
- 24 Demonstration of Club Rigs

**READING & DARC**

Pete, G8FRC, 01189 695 697

- 11 Hams at the Wheel by Dan & Ryan
- 25 Yaesu Transceivers by G3WYW

**SHEFFORD & DARS**

David, G8UOD, 01234 742 757

- 4 Club BBQ
- 11 DF Hunt Afoot
- 18 Club Project
- 25 VHF NFD Planning

**SOUTHGATE ARC**David, MOXDS. E-mail  
david.sharp1@tesco.net.

- 10 MKARS80 Xcvr Kit, G6ALL

**SURREY RADIO CONTACT CLUB**

Ray, G4FFY, 020 8644 7589

- 1 Club Construction Contest

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

- 18 Frequency Standards by G8MOB

**VERULAM ARC**

Ralph, 01923 265572, g1bsz@aol.com

- 16 Antenna demo & chat, BBQ

**WEY VALLEY ARG**  
www.weyvalleyarg.org.uk

5 Club Night  
19 Club DX Evening

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

12 Pro Satcomms, G1HSV  
26 Construction Evening

### 10 SOUTH & SOUTH EAST

REGIONAL REP: GAVIN KEEGAN,  
G6DGK, G6DGK@RSGB.ORG.UK

**BREDE STEAM ARS**  
Steve, 0142 720815, mOnuc@aol.com

2, 9, 16, 23 & 30 Op from shack  
6 At the bunker

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

10 The shipping forecast by 2EOXPJ  
24 Computing by Surf-IT by Garry

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

9 AR & Mapping s/w, G4VXE

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

2 Natter night/social evening  
20 GBORMM from the Royal  
Marines Museum  
23 An Aerial View of Police Aviation  
by Dave Boardman  
28 Coach trip to Bletchley Park

**HORSHAM ARC**  
www.harc.org.uk

4 QRP valve equipment by G3PVH  
19 Social - The Dragon

**ITCHEN VALLEY ARC**  
Charlie, MOWYM, 02380 439560,  
secretary@ivarc.org.uk

12 Members' Evening, M1CNK & G4GBB  
19 Kite Aerials by G4ROJ  
26 Treasure Hunt with G4EOW

**SOUTHDOWN ARS**  
John, G3DQY, 01424 424 319,  
vaughdqy@aol.com

1 Talk at Chaseley TBA  
3 Operating at Hailsham Shack

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

4 AGM  
11 Barbecue  
18 Talk  
25 Natter Night

**TROWBRIDGE & DARC**  
Ian, G0GRI, 01225 864 698, E/W  
3 Guyana 8R1PW in 2008 by G3SWH  
17 Natter Night  
27 Southwick & North Bradley Scout Fete  
28 West Rally, Frome

**WORTHING & DARC**  
Roy, G4GPX, 01903 753 893

3 21st Century Police Communications  
by Andy Braeman  
6 Worthing Museum GB2WM  
10 Aerial Design Software, G3VXJ  
17 An Introduction to Data Modes  
by Dave, MOVBY  
24 Junk Sale, G4GPW

### 11 SOUTH WEST & CHANNEL ISLANDS

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

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

13 Weekend Event: Abbotsham Fete  
15 Going Loopy HF by G4CHD  
27 Abbotsham Fete

**BLACKMORE VALE ARS**  
Nick Perrin, G3NRH,  
bnperrin@theiet.org,  
www.radioclubs.net/bvars/

2 Japan by G7ESE  
9 The Perfect Shack Fun Night  
16, 23, 30 VHF on air evening

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

3 Digital Modes by MOPCM  
8 Computer Section Meeting

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

3 Field Evening on Woodbury Common  
17 Operating & Mystery Night

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

11 Natter night & Foundation Course  
25 OTA & Foundation Course

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

3 Technical Matters Forum, G4ZRY  
10 QSL Card Evening  
17 Club BBQ  
24 OTA

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

3 Prepare NFD  
6 National Field Day (CW)  
10 NFD debrief, Morse Class  
17 Video  
24 OTA, Morse Class

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

3 Pedestrian DF, G4OST  
10 On the Air Night  
17 Video Night  
24 GeoCaching Tutorial by G6RAZ

**TORBAY ARS**  
Dave, G6FSP, g6fsp@tars.org.uk

5 & 19 Natter Night  
12 Operating Night  
26 Internet Radio Linking Project

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

9 Outdoor Activities Discussion  
23 Normal Natter Night

**YEOVIL ARC**  
Gary, 2E0BFJ, g.swain@tesco.net

4 My First Year as M6DGM  
11 Adjustable Notch Filter by G3PCJ  
18 Heathkit HW101 by G4DCH  
25 Committee Meeting

### 12 EAST & EAST ANGLIA

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

**BITTERN DX GROUP**  
Keith, G0GFQ, 01263 588 506,  
info@bittern-dxers.org.uk,  
www.bittern-dxers.org.uk

11 Informal  
25 Bittern DX Group AGM

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

1 Aerial Clinic  
15 Barbecue

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

2 Table Top Sale by GOTRM  
6 Operating from Sandford Mill NFD

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

15 ESWR Planning  
28 ESWR Rally

**HUNTINGDONSHIRE ARS**  
Gerald, G8AKL, 01487 740794,  
www.hunts-hams.co.uk

11 & 25 Informal Evening  
27 Ramsey Rural Museum GB2RRM

**KING'S LYNN ARC**  
Ray, G3RSV, ral-g3rsv@supanet.com,  
www.klarc.org.uk

4, 11, 18 Club night & 2m net  
25 Portable working with Airborne  
Aerials by G4ROJ

**LEISTON ARC**  
Dave, G4HUP, 01473 737 717,  
g4hup@btinternet.com

1 Foot foxhunt  
14 Bentwaters Cold War Museum GX6FS

**NORFOLK ARC**  
Chris Danby, G0DWW, 01603 419204,  
cmdanby@btinternet.com

3 DF Foxhunt prep & Equip test  
6 National Field Day  
10 Informal / Construction / Workshop  
17 Friendly Fox Hunt  
24 Informal / Construction / Workshop /  
Bright Sparks  
26 Friedrichshafen Radio Rally

**PETERBOROUGH & DARC**  
David, M0VTG, padarc@tesco.net

20 International Museums Weekend  
24 DXpedition to Papua New Guinea  
by G3KHZ

**SOUTH ESSEX ARS**  
southessex.ars@btinternet.com,  
www.southessex.ars.btinternet.co.uk

10 Palestine Police by G4OAD  
21 Castle Point Show GB2CPS

### 13 EAST MIDLANDS

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

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

2 Junk Sale  
9 Committee Meeting

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

9 The World above 1000MHz  
by G3PHO

**HUCKNALL ROLLS ROYCE ARS**  
Dave, G1YAI, webmaster@hrrarc.com

4 Mobile Fox Hunt  
5, 12 & 19 Chat Night  
14 Junction 28 QRP Rally  
26 Member's Club Forum Night

**LEICESTER ARS**  
Linda, G8VQM, 07804 595749

1 Types and Friends by G7GCK  
8 G3LMR Raffle  
15 Night on the Air  
22 Quarterly Open Meeting  
29 Summer Barbecue

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

2 Second DF of 2009 - 160m  
9 Fun with Aerials  
16 Bring and Buy  
23 Third DF of 2009 - 2m  
30 Practical Evening

**MELTON MOWBRAY ARS**  
Geoff, G3STG, 01664 480 733,  
g3stg@btinternet.com

19 Annual Fox Hunt

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

3 Construction Project G4EDX  
10 Rally Preparation  
14 Junction 28 Rally  
17 On Air Night  
24 Video Night

**WELLAND VALLEY  
AMATEUR RADIO SOCIETY**  
Simon, G8PAN, 07977 266643,  
swd@phasor-design.uk.com

15 Family picnic - venue TBA

## HELPLINES

### IMPORTANT NOTICE

RESPONDENTS TO ITEMS IN  
THE 'HELPLINES' COLUMN ARE  
ADVISED NOT TO SEND ORIGINAL  
DOCUMENTS, BUT TO COPY THEM  
AND SEND THE COPIES.

*Members are reminded that  
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.*

- Francesco, IK0UAG would like to know if anyone can help him identify the item in the photograph. The maker's brass label reads "John Weiss & Son, 62 Strand, London". Please contact him by e-mail to francesco.berio@gmail.com.



- Graham Stones, G7KYX is looking for a polarised relay and 33 pin socket for a GPO Telex No 1. If you can help please contact him on 01205 871624.

- John, GW3WEZ is offering a multi-standard 22" Fisher/Toshiba colour TV free to a good home. It has been used on PAL B/G/I and MESCAM B/G/H. New owner to collect - telephone 01792 290715 for details (GW3WEZ QTHR, S Wales).

- Lino Calzolari has a 'passion for tubes construction'. He has started with simple circuits such as regen receivers but has come up against a problem. He's looking for detailed information/instruction on how to make intermediate frequencies transformers for 455kHz, 10.7MHz and so on, for valve circuitry. He'd like to be able to go on and build superhet receivers. If you can help, e-mail him at Lino.Calzolari@vships.com.

- Maidstone YMCA Amateur Radio Society looks after the radios for a charity that takes humanitarian aid twice a year to Kosovo. Does anyone have any contact with any amateurs in Kosovo as they are looking to send some radio kit out to their Kosovo charity partner, who may need help in installing it in their vehicles. Also, they are always looking for radios to bolster the kit they use on the convoys, currently low band Tait 2010 and Simoco/Philips PRP 73 or 76 handhelds. Other band versions of the 2010's or 2015's are also useful to them. Any donations would be gratefully received, as would ideas of where to acquire these radios at low cost. Contact Ian Hope at the Maidstone Club, lan@dr.com.

- Dick, G0DIC has a Lamp, Signalling Daylight, Short Range and I need to know the power/battery voltage plus bulb type and wattage details, to get it up and running. Can anyone help please? Contact Dick by e-mail to mrfixer@hotmail.com.

- Dave Skye, G3PLR has many years of RadCom looking for a new home. He has retained one from each year for his own records, but offers the remainder free to a good home. Phone 01582 766410 (Harpender).