

## 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

### BOARD OF THE SOCIETY

#### PRESIDENT

Dave Wilson, M0OBW

#### MEMBERS

D Beattie, G3BJ  
R Bellerby, GM3ZYE  
P Brooks, G4NZQ  
L Butterfields, G0CIB  
D Field, G3XTT  
J Gould, G3WKL  
C Morrison, G14FUE  
I Phillips, G0RDI  
B Reay, G8OSN  
J Stevenson, G0EJQ

#### REGIONAL MANAGERS

Region 1 - position vacant  
D Morrison, GM1BAN - Region 2  
K A Wilson, M1CNY - Region 3  
H Scrivens, G0UGE - Region 4  
T Bailey, MOKMB - Region 5  
M Harper, MW1MDH - Region 6  
J Sneddon, MW0EQL - Region 7  
P Lowrie, M15JYK - Region 8  
A Johnston, G8ROG - Region 9  
G Keegan, G6DGG - 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 and on the RSGB website.

The above details were correct at the time of printing, 11 January 2010.

#### HEADQUARTERS AND REGISTERED OFFICE

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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).

## RSGB AGM

Join us in Bedford for the RSGB 2010 AGM. It will take place on Saturday 17 April at the Bedford Swan Hotel, The Embankment, Bedford MK40 1RW. The whole day is geared to bringing the RSGB to you and is an ideal opportunity for local clubs to socialise and meet with each other and meet with senior RSGB officers.

The timings for proceedings are:

10am: VHF Award Presentations  
11am: AGM Registration  
12 noon: Annual General Meeting  
- Formal Proceedings  
1pm: End of Formal Proceeding  
1-2pm: Lunch  
(£8 for two course hot buffet)  
2pm: Open Forum  
4pm: End of Open Forum

Further details and the Calling Notice will be in the April *RadCom* and on the RSGB website.



## PLA/PLT and Ofcom

The RSGB announced last year that it was considering its options in respect of legal action to cause a review of Ofcom's position on the perceived non-compliance of certain 'Ethernet-over-mains' (PLA) devices being placed on the market.

The Society has now completed a review of its options in conjunction with its lawyers and Counsel.

From this review it is clear that there are a number of avenues to be further explored and until this work is complete the Society will defer for the time being the question of legal action. This will allow other necessary preparatory work to be completed and will also recognise that a number of factors are in a state of flux, including new staff appointments at Ofcom and the much-awaited report commissioned by Ofcom from PA Consultants on PLT.

The Society will be vigorously pursuing the avenues recommended by its lawyers and others and in the meantime is very grateful to members who have given support, both moral and financial, to this important cause. It is important that this support continues, as the general threat to the spectrum noise floor from data-over-mains devices (PLT) and short-range-devices is likely to increase.

Funding the work to combat the threat of PLT/PLA remains a priority, and the Spectrum Defence Fund has this work as one of its prime objectives. Further contributions to the Fund will be most welcome to progress the Society's programme in this area.

## RSGB Regional Team Vacancies

- Do you want to join a well motivated team?
- Do you want to connect with your fellow radio amateurs?
- Are you fed up with DIY and the Soaps?
- Are you a self starter?

If you meet three of the above statements you could be just the person that the RSGB is looking for. We currently have volunteer vacancies in the following positions within our Regional Team.

### Regional Manager Vacancy

Region 1 Scotland South and the Western Isles

### Deputy Regional Manager Vacancies

Region 5 – District 51, Shropshire and Staffordshire and District 54, Gloucestershire and Warwickshire

Region 8 – District 81, North Belfast and County Antrim

Region 9 – District 91, Hertfordshire and Greater London North of the Thames  
District 93, Bedfordshire and North Buckinghamshire  
District 94, Surrey and Greater London South of the Thames

Region 10 – District 102, Wiltshire

Region 11 – District 116, Guernsey

Region 12 – District 123, Essex

Interested? Please contact Alison Leigh, Regional Administrator by e-mail to [alison.leigh@rsgb.org.uk](mailto:alison.leigh@rsgb.org.uk) or telephone 01234 832700 then option 6 Regional Manager's Department.



## Spectrum Defence Fund

The Society is delighted to report that, less than four weeks after its launch, the Spectrum

Defence Fund passed its first big target of £10,000. The fund is designed to allow the Society to build up a sum of money that we can use for the defence of the amateur radio spectrum now and in the future. The target we are aiming for is £200,000.00 so we have some way to go yet!

There is no doubt a need for such a fund. The RSGB has recently spent £20,000 seeking legal advice regarding the interference caused by PLA devices and this could be just the tip of the iceberg as more sophisticated adaptors come onto the market that may affect 6m operation and operation in the microwave bands. We are also more than a little concerned about the effects 'smart metering' may have on the HF noise floor. The fund has been established to protect your interests and to allow you to continue to enjoy your hobby in the best possible operating environment.

The Spectrum Defence Fund is ring fenced. This means it can only be used in the defence of your spectrum interests. All donations big or small are welcomed and very much appreciated. You can send it via Abbey Court or you can make your donation online or with your Regional teams at the many rallies up and down the country. Please support the fund in protection of your hobby.

## Work starts at Bletchley



On 11 January 2010 construction of the new National Amateur Radio Centre commenced on schedule at Bletchley Park. Seen here ceremonially breaking the

ground is RSGB General Manager Peter Kirby, GOTWW. Centre is Ian Horton of project managers NTN Partnership, and on the right is Charles Smith of contractors Buildings Partnership Ltd. In the background are the aerials of Milton Keynes ARS. We will keep you up to date on progress in future editions of *RadCom*.

## Bandplan Corrections

In the Bandplan, the line in the 28MHz section that reads 20.210 to 29.290MHz should be 29.210 to 29.290MHz. Also in the same sentence it should read INCLUSIVE rather than INCLUDED. Thanks to Robert Dancy, G3JRD for spotting these changes.

## RSGB Club of the Year

The regional winners of the RSGB Club of the Year will be published in the April *RadCom*.

## Welcome

The RSGB would like to welcome to the RSGB family the following new Members who have joined their voice to ours and are helping to keep the RSGB strong.

2E0BJ	Mr S Tingay	G4FPJ	Mr R P Rawle	KB1DX	Mr W L Le Comte	MM6LAH	Mrs L A Hail
2E0BXU	Mr P Halloway	G4JNN	Mr P P Corrigan	MOCJD	Mr C Rhodes	MU6CPV	Mr P Martin
2E0GHR	Mr R Gill	G4KFB	Mr M L Bird	MODTS	Mr R T Swinbank	MW0SAW	Mr S Wheatstone
2E0JQF	Mr S Walrond	G4LXS	Mr C Keat	MOGKG	Mr R Ley	MW3ZHU	Mr M Hilliar-Mills
2E0KOO	Mr K N Milone	G4MWW	Mr J G McLeod	MOGQR	Mr T A Matheson	NO0BG	Mr J B Conley
2E0NKM	Mr N Morse	G4PQX	Mr D E Taylor	MOKHZ	Mr K H Wheatley	ND4XE	Mr L Brannen
5P8ZY	Mr J Jenson	G4TXB	Mr D Hinsley	M0XPS	Mr P Standley	RS164622	Mr B L Binns
AD6WL	Mr J E Seifert	G4XXK	Mr D G Hart	MOYPZ	Mr N H Brewitt	RS183616	Mr C P Mulvihill
DL2LAH	Mr K Hartwigen	G4YVE	Mr C T Herwig	M1BOA	Mr G V Heard	RS203821	Mr T Owen
EA1AS	Mr F M Martinez Gonzalez	G6AWO	Mr R R Mansel	M1BZZ	Mr P Lonsdale	RS204514	Mr L F G de Carteret
EA3ZF	Mr J Aguilar Altes	G6DHI	Mr D Kennedy	M1DBB	Mr P Masters	RS205162	Mr T D Bendelow
EA4ERX	Mr S Fernandes de la Riva	G6GPF	Mr J K Woodhouse	M1ERD	Mr A J Trimble	RS205171	Mr J F van Rooy
EA4FUW	Mr V Ternande Martinez	G6LJC	Mr G Weston	M1FCG	Mr R Boyns	RS205172	Mr H B Jager
EA7HKL	Mr R Moreno Marmol	G6LNV	Mr J Cunliffe	M1JJK	Mr J J Kelly	RS205173	Mr T Scheltes
EA7TL	Mr J L Heredia Del Valle	G6VGC	Mr R E Woolley	M3AAQ	Mr L Handley	RS205174	Mr J G Slangewal
EB1DPB	Mr J Manual Soto Cernadas	G6XFR	Mr F A Fielder	M3CQM	Mr A Cook	RS205175	Mr J M Slap
EB1FGO	Mr A A Soto	G6ZGB	Mr C F Salmon	M3CWC	Mr J L Harrison	RS205176	Mr L Vermeer
EC7ITA	Mr A Gallardo	G6ZJN	Mr R M Williams	M3ICF	Mr C Sole	RS205208	Mr G D Eales
EI4DCB	Dr D Gallagher	G7BXL	Mr M G Bickerton	M3XBI	Mr A R Romanov	RS205214	Mr G J Eycott
GOEJV	Mr L Hodges	G7CWT	Mr M Joy	M3XCJ	Mr J D Fergusson	RS205234	Mr M Hardwick
GOJDO	Mr T Thomas	G7GHU	Mr T E Hickling	M3YYI	Mr M Harding	RS205265	Mr C A Morris
GOJTD	Mr R H Lyne	G7SOH	Mr C G Brown	M3YZT	Mr G Bell	RS205269	Mr S Hampshire
GOMDQ	Mr P J Firmstone	G7SYW	Mr R A Brown	M3ZBC	Mr G Cowley	RS205273	Mr J Snowdon
GOTDM	Mr J G Sutton	G7VQR	Mr P Mawdsley	M3ZHX	Mr K Baker	RS205274	Mr W L Sawyer
GOTST	Mr R Hawtree	G8ADQ	Mr J M Taylor	M3ZIR	Mr D Powis	RS205322	Mr A J Benton
GOUCQ	Mr P Gater	G8ASC	Mr P J Richards	M3ZKU	Mr D Boardman	RS205333	Mr M Ferenc
G1BKL	Mr D N Ambler	G8CFD	Mr R Rimmer	M3ZNJ	Mr A Harvey	RS205334	Mr C J Keogh-Ly
G1BPV	Mr A Stalker	G8JJR	Mr K McMahon	M3ZNP	Mr R Young	RS205348	Mr E McCauley
G1HAB	Mrs H A Birkmyre	G8LWO	Mr F W Merritt	M6AAH	Mr A A Cunningham	RS205364	Mr J Vann Smith
G1HTO	Mr R Fortescue	G8PRN	Mr R L Morley	M6CAA	Mr C Sparrey	RS205375	Travelling Wave Contest Group
G1MRP	Mr H Powell	GD3FLH	RAYNET Isle of Man	M6DAP	Mr D Pasika	RS52760	Mrs D L Risbridger
G1NFN	R K R Hammond	G14OYG	Mr M Black	M6DKL	Mr P Shaw	SV1CDN	Mr D Drakopoulos
G1OGR	Mr R J Welch	G17KMC	Mr J Magee	M6DWB	Mr W D Broadhouse	VA3KV	Mr J Thiessen
G1OJQ	Mr P Brooks	G17KMC	Mr J Magee	M6GEE	Mr B M Gee	VE4BAW	Mr G Bawden
G1OWM	Mr G R Woodley	G17KMC	Mr J Magee	M6HNC	Mr H N Clark	VE50B	Mr J Horne
G1TMF	Mr J Firth	G17KMC	Mr J Magee	M6JDB	Mr J D Broadhouse	VK3AKG	Mr M Orive
G1VTS	Miss Smith	G17KMC	Mr J Magee	M6JEZ	Mr J Mitchell	VK3CG	Mr G Sexton
G1XLL	Mr P Greetham	G17KMC	Mr J Magee	M6KOL	Mr M Sahn	W1URE	Mr R A Schomburg
G31KN	Mr V A Stagg	G17KMC	Mr J Magee	M6KOR	Mr S Campion	W43SU	Mr M Kroemeke
G3JUJ	Mr D A Adams	G17KMC	Mr J Magee	M6NBB	Mr N J Barrett	W8QJ	Mr J M Knapp
G3OZL	Dr A P Jeavons	G17KMC	Mr J Magee	M6REV	Master R E Nash	WA8DXD	Mr T R Arvo
G3ZHV	Mr R S Bowler	G17KMC	Mr J Magee	M6SSM	Miss S Millard	WB8NBV	Mr N Joldersma
G4AIJ	Mr R G Jones	G17KMC	Mr J Magee	MD6TWS	Mr D M Williamson	WR9H	Mr H T Case III
G4DNK	Mr M P Lelliott	G17KMC	Mr J Magee	MM1BJP	Mr A McDermid	YU4ALM	Mr S Samardzic
G4FIF	Mr D Cherrington	KA5SGQ	Mr M C Eissler	MM3TWS	Mr T W Galbraith		P W Publishing Ltd

## Award Winning

The Priory Academy LSST school, MXOPLS was active again for the British Wireless Blind Fund Transmission event on 19 September 2009. Their members Eleanor, M3VEV, Jon, M3KFZ and Josh, M6JTB operated on the Saturday morning and were able to make contacts in ten countries. The school also asked their Year 9 students at the school to help with the fundraising this year. Two sixth form students, Robert, M3KGH and Mia, M3OFM (who have been members of the radio club since they started at the school in 2004) took a DAB radio and a scarf (as a blindfold) to the Year 9 form rooms during the two weeks before the competition. They were able to demonstrate to the students the difficulties of tuning in a domestic radio; difficulties that are faced on a daily basis by the blind and visually impaired.

The school radio club are delighted to have won the award for the highest sum of sponsorship money raised by under 18s for the second consecutive year and look forward to being able to combine their radio activities with fund raising for this worthwhile cause in future years.



## Spectrum Defence Fund

RSGB President, Dave Wilson, M0OBW was at the Red Rose Winter Radio Rally in January collecting donations for the Spectrum Defence Fund. In the foreground are Steve, MOSJR, and Kevin, MOXDJ. All those involved would like to thank everyone for turning out their loose change at a time when many charities are fundraising for different causes.



Photo by Stewart Revell, G3PMJ.

## Good Exam Passes

Since running a pilot Foundation Licence course for two students in late 2002, Loughton & Epping Forest ARS have staged a further fourteen courses, thirteen of which have been successfully concluded over a single weekend. The most recent, staged over 30/31 January, ended on the Sunday afternoon with good exam passes for all eight candidates. This now brings to 75 the total number of Foundation licence students to have passed through LEFARS hands. LEFARS Chairman and Lead Instructor, John, GOVEH says that the club are fortunate to be able to rely upon a large pool of experienced tutors, assistants and invigilators.



L-R back row: John, G8DZH (Instructor), John Oldman, Leon Barker, Trevor Barnard, Patrick Ruttiman, John, GOVEH (course lead instructor). Front row: Daniel Gold, Joseph Carey, Christian Ruttiman, Siobhan Barrett-Davies.

## Grassroots Help

Telford & District ARS members have now taught, examined and passed over 200 students, led by Mike, G3JKX, with teaching assistance from Martyn, G3UKV, Tony, MOTAW, Chris, MOECM, Dave, MOEMM, Simon, GOUFE and Richy, MORKY and many others giving 'on the air' experience to Foundationers on their courses. Since the Society obtained a Grass Roots government grant, they have been able to continue their tradition of not charging students for tuition or shares in room rental fees. With this grant they have also able to invest in up-to-date audio/visual equipment and obtained radio equipment for students' to practice with. Previously, instructors' own equipment had to be used.

TDARS urge other clubs and societies to apply for these grants, the local council was very keen on their application. One tip; apply for a grant just before the end of the financial year! Yes, there is some paperwork to do, but the end result is really worth the effort.



## RAF Waddington ARC

At the AGM in January, RAF Waddington ARC voted in a new committee. Based at The Pyewipe on the outskirts of Lincoln, the club has a fully equipped shack, an impressive aerial farm with aerials for all bands and a pub next door. They maintain a membership of approximately 50 members and are active in most HF and VHF contests throughout the year. The club meets every Thursday at the Pyewipe Inn and welcomes all radio hams, old and new. For more information please contact Chairman Martin Farmer, M0MDF, by e-mail to martin@farmer4.freeserve.co.uk.



New Committee. L-R: Barry, G4DBS; Andrew, M0000; Dave, G7HNO; Bob, G3VCA; Judy, M6LQO and Martin, M0MDF. Missing from the photo are Mick, M6CMG and Linda, M3ILF.

## CTCSS Upgrade

Garex Electronics has a new CTCSS encode upgrade available for the AKD Model 2001 2m transceiver. The modification consists of a simple plug-in PIC module that requires only one extra connection to feed the tone to the main board. The upgrade is available in three levels, depending on the status of the rig that is being modified. Prices range from £7.60 to £24.95 and full details of these modifications can be found on the Garex website at [www.garex.co.uk](http://www.garex.co.uk) or by phone at 07714 198374.

### NEWS IN BRIEF

- Warrington Amateur Radio Club has completely updated their website. The new webmaster Dave, G7SKR has included projects amongst the new design. [www.warc.org.uk](http://www.warc.org.uk).
- Tennamast have just launched the first stage of their new website with a section for the most suitable and popular masts for amateur radio. To mark the occasion we are offering a range of special offers for both clubs and individual amateurs. Visit [www.tennamast.com](http://www.tennamast.com) or phone 01505 503824 for more information.

## SOS Radio Week

Chatham House Grammar School Radio and Electronics Club set up a station on Sunday 24 February at the Ramsgate Lifeboat station as part of SOS Radio Week 2010. It was a great success despite taking two hours to get a dipole set up, strung across two lamp posts outside the station. Peter, GOKOK used a long fishing line to get the wire up! They made some contacts with amateurs across Europe and the UK. It was hard work for the pupils who are not that experienced in events like this. Nevertheless with the help of Peter, Andrew, G0WBE and Chris, G0VUT from Hilderstone Radio Society they coped and had good fun on the way. The pupils who participated and helped raise funds for the RNLI were Jonathan, M6BNY, Adam, M6HFJ, Jerome, M6WBA, Henry, M6CHZ, Dylan, M6DWM, Terry, M3UCF and Craig, 2EOXDY. It stimulated much interest in all concerned and they have decided to give it a go again next year! The process of getting the sponsor money in is underway – the hard part. They hope to be able to report a sum of over £250.



## D-Star Day

With D-Star gaining popularity, Martin Lynch & Sons will be holding a D-Star Day on 13 March. There will be displays of all current models of radio plus the D-Star Dongle. This aspect of the hobby presents the user with many questions and it is hoped that this will all become clearer because, on hand to answer D-Star questions, will be Darren, G7LWT, Declan, M0TMX and Matt, M0DQW. It is also hoped that there will be representatives from Icom UK, RAYNET and the amateur radio press!

## Appleton Lecture



Professor Sir Martin Sweeting OBE FR, G3YJO, the Chairman of AMSAT-UK, gave the Annual Appleton Lecture to a large audience at The Institute of Engineering & Technology at Savoy Place in London.

Speaking as Executive Chairman of SSTL and as a Director of the Surrey Space Centre at the University of Surrey, his lecture was entitled 'Small Satellites – Big Future'. It traced the history of the 30+ micro-sats and mini-sats that have been created at Surrey since the early 1980s. SSTL have many satellites currently under construction and have recently been awarded a contract, with OHB in Germany, for 14 Galileo spacecraft. The video of the 2010 Appleton lecture can be seen at

<http://tv.theiet.org/technology/communications/appleton-lecture-small-satellites.cfm>

## Appeal for Instructors

1st Astley Scouts are based in Higher Green, Astley, Manchester. After hosting several successful JOTAs (GB1ASG, GB100ASG) they have received requests from scouts and scout leaders to run a Foundation course. The local radio club, West Manchester Radio Club, fully supports the JOTA events and due to the amount of time they already give up to support the scouts they do not want to overburden the club with an additional request for support. For logistical, insurance and child protection reasons the scouts would prefer to run the course from the Scout HQ but are having difficulty in finding suitable instructors. They can offer classroom facilities equipped with 2m/70cm collinear and G5RV antennas and have access to radio equipment. The HQ also has full kitchen facilities and adequate car parking. The scouts would like to run the course over a couple of evenings followed by a full weekend session with a view to getting as many scouts and leaders qualified as possible in time for JOTA 2010.

Anyone who is able to give up some spare time to help the Scouts by running the Foundation course and exam, please send an e-mail to [carl.thorp@1stastleyscouts.org.uk](mailto:carl.thorp@1stastleyscouts.org.uk). Any help will be gratefully received.



## Club Construction Night

Stenigot Chain Home ARC held their first club construction night in November. They decided to keep the construction project as simple as possible, but also to include many of the components that one could come across when building projects. The 'Knight Rider' circuit board consisted of a 555 timer and a decade counter IC, quite a large number of signal diodes, resistors, a potentiometer, capacitors and wire links, not to mention a quantity of light emitting diodes, all mounted on a small piece of Veroboard.

The project leader was Chris, 2EOPPS, with the clubs lead tutor Alan, M0AQC in assistance and all club members brought their own soldering equipment and associated tools. Most managed to complete the project, those that didn't will get an opportunity to finish their board and have it tested later.

Some club members had never built an electronic project before and the experience gained from this event will help with the next – more challenging – project.



## Help to Haiti

ShelterBox is a local Helston charity that has the smart idea of sending boxes containing a tent, cooking utensils, water purification tablets etc., sufficient to support a family of ten people in the aftermath of a disaster. Poldhu Amateur Radio Club has responded to the Haiti earthquake by donating a box. Several thousands have now been sent. The picture shows Becky Maynard, Head of Fundraising, receiving the cheque from Anne, 2E0TJA and Keith, G0WYS.



## Bath Buildathon

The third Bath Buildathon took place just before Christmas with a mixture of Full licence holders and Intermediate students. Martin, MOHKG, travelled all the way from Essex and others travelled in from Wiltshire, Berkshire and Somerset. The Bath Buildathon Crew, Mike, G3VTO, Lewis, G4YTN and Steve, GOFUW, were there to provide guidance and assistance with the testing of the various stages. The main project, once again, was the Walford Brendon 80m double sideband QRP transceiver. Gerald, G4CLD, worked on an 80m CW QRP transceiver, the Brue, also from Walford Electronics, and Tony, now 2EOJWF, put together a Sudden receiver kit, as used at the Buildathon events at the G-QRP Club Rishworth Convention and the QRP ARCI Four Days In May.

By the end of the day all but one receiver was heard working and a number of transceivers were working in both transmit and receive mode, others were completed with some one-to-one mentoring after the event. All of the Intermediate students went on to pass their written exam the following week and most are now attending the Bath Advanced course.



Alan, G1HHL and Dave, MOSXZ busy finishing their Brendon kits.

## Special Event

The Mesilla Valley Radio Club of Las Cruces, New Mexico will be operating special event station, K5B, on 21 March 21 in conjunction with the 21st annual Bataan Memorial Death March Marathon. K5B will operate from 1000Z to 2300Z as near as possible to 21.305, 14.229, 7.184, and 3.808MHz. A commemorative QSL card for the event will be available by request. Details can be found at [www.n5bl.org/bataan](http://www.n5bl.org/bataan).

## On-air with the Bitterns

Congratulations to five new radio enthusiasts, Steven and David Hammond, Tom Hayden, Neil Kerry and Peter Robinson who passed their Foundation licences under the care of the Bittern DX Group trainers, Allan, GONTJ, Steve, G7VRK and course leader Duncan, MOWRG. The course was held in North Norfolk on two Sundays in January. Candidates and trainers alike are to be commended not only on their success but on the fact that they actually managed to get to the training centre through the snow for their first session. Thanks also to Linda, GOAJJ and Alec, G3YOA who ran the exam.



## Australia Day

Lincoln Short Wave Club held an Australian breakfast to commemorate Australia Day. They put GB4VK on the air for the occasion. They ran their usual HF station as well as a 70cm station where they worked through an URLP Link. The Club managed to contact two stations in Port Lincoln, the twin town. The event was attended by RSGB President Dave Wilson, MOOBW and he was persuaded to go on the air too. The Region 13 team put on an RSGB display promoting the hobby to visitors – and the Lincoln Short Wave Club may be seeing some new faces very soon.



## RAYNET Talk

A talk on the role of RAYNET in the region was given to the Milton Keynes ARS by Don Kirkwood, G3YQO. Don is the Region 6 zonal co-ordinator for RAYNET and his talk covered the role of RAYNET in the community and its liaison with the various services during emergencies. With the recent flooding, the ice and snow problems within the British Isles and other disasters worldwide, ham radio operators have proved to be the communications link when all else fails.



## GB50NG

Aberdare and District ARS ran GB50NG during December 2009 to celebrate The Nos Galan Races, which translates to Midnight Races. It is held every New Year's Eve in the small town of Mountain Ash to commemorate the Welsh runner Guto Nyth Bran and his legendary athletic prowess. Every year a mystery runner(s) take part and this year Welsh rugby stars Jamie Roberts and James Hook laid a wreath at Guto Nyth Bran's grave in Llanwonno graveyard after a special service at St Gwynno's Church. They then followed the race route, with the crowd doing their best to cheer them on as temperatures dipped to -2°C. The Races follow a 5km route around the town and around 1000 runners took part and more than 10,000 people attended the event. This year GB50NG managed to achieve 1011 contacts from all corners of the globe in 45 different countries. Thanks to all who took part especially Paul, GWOJTY, Peter, GWOUHO and Dean, 2WOXTP.



## JOTA

Braintree Amateur Radio Club has run previous JOTA events with the Earl's Colne Scout pack. They helped the scouts build a total of 20 crystal sets, with the reward that they worked well and all were taken home. For JOTA 2009, the club had the use of three separate rooms in the warm Earl's Colne Scout HQ, allowing them to set up three GB0ECS radio stations. Although the hut's location is not ideal for VHF working, it is fine for HF and satellite communications. Many scouts, cubs and beavers made contact with other scout groups on the 80m band and via satellite. Apart from the cold nights, they said, it was probably their best ever JOTA event!



John, M5AJB explaining to the scouts how to contact other scout troops.

## New AO-7 Distance Records

During January, the distance record for the 35 year-old amateur radio satellite AO-7 was repeatedly broken. First, on 2 January, Luciano Fabricio, PY5LF worked Pierre van Deventer, ZS6BB over a distance of 7630km. Next on 8 January, Luiz Pirajá, PS8RF worked Andre van Deventer, ZS2BK at 7694km.

Then, on 18 January, Pierre van Deventer, ZS6BB managed to work Josep Riera EA6SA at a distance of 7766km. On Sunday 24 January at 2252UTC, Joe Spandler, K3SZH in Harrisburg, Pennsylvania, had a short contact with Francisco Ramires, PY2OV in São Paulo, Brazil. The distance between the two stations was 7738km and is believed to be the furthest contact within the Americas but just short of the world record.

The theoretical maximum range of AO-7 is about 7907km so there is still scope for the record to be broken yet again. Pierre van Deventer, ZS6BB reports that Marco Niccolini, IW5EJM/5 managed to copy his callsign at a distance of 7902km although no QSO took place.

## Foundation Pass



Treknow & District Radio Amateur Club supported Terence Hayward from Bodmin through

his recent Foundation course. He can be seen proudly displaying his Foundation pass certificate. His new callsign is M3ZNX. M Rowe, 2E0BUS acted as 1st Invigilator and J Brooks, MOHJO as 2nd Invigilator. Also present were T Gabriel, MOVRL and J Rossiter, 2E1AFC.

## Intermediate Course

An Intermediate course starts on Wednesday 24 March with the exam on June 30 at the Conference Room at Clay Cross nr Chesterfield. Places on the MOOCT ARS course are limited so early booking is advisable. Telephone 01246 275 889 for details or e-mail exams@m0oct.com. Details on courses always appear on the website [www.m0oct.com](http://www.m0oct.com). Enquiries and bookings are also being taken for the Advanced course starting 1 September with a June Exam 2011.

## Science & Engineering Week

The Flight Refuelling ARS, G4RFR, will once again be holding an open day at their Society HQ at Merley, near Wimborne Minster, Dorset, on Saturday 20 March. Doors open at 11am and active demonstrations of most aspects of current amateur radio communications will be available for viewing by the general public and fellow enthusiasts. HF, VHF and microwave exhibits, including satellite and EME should feature, together with other items such as a working high voltage Tesla coil. The theme for Science Week 2010 is based on The Earth, so grounding will be in there somewhere...

The event will be live webstreamed by members of BATC – last year's event attracted a peak web audience of over 1000 spread around the world. For more details look at [FRARS.org.uk](http://FRARS.org.uk) website or contact the Hon Sec by e-mail at [jfell@tesco.net](mailto:jfell@tesco.net).

## Jersey Repeater Update

The Jersey Amateur Radio Repeater Group has had a successful nine months or so of fund raising since its inception. So much so that they are now in position to complete the acquisition of the repeater equipment. It had been hoped, having secured a site in St. Helier, that the installation could have moved on late in 2009 but when the site fell through an alternative had to be found and has resulted in a delay. They now have agreement from the Jersey Electricity Company to site the repeater at their Queens Road premises, a good location with a good 'take off' for the island and beyond. They hope to have the repeater on air soon with the help and assistance of the members of the group and anyone else who would like to 'pitch in'. The Jersey repeater, once commissioned, will operate on the 2m band on 145.6375MHz, CTCSS code B, 600kHz repeater shift, locator IN89we.

## Foundation Success

Tamworth Amateur Radio Society has just run a very successful Foundation course, over three Saturdays, with the exam at the end of January. They enjoyed a 100% pass rate. The successful candidates are, from l-r, Timothy Clark, John Davies, Matthew Taylor, Danny Dates and Elizabeth Coffey.



## Celebrating 25 Years

Brickfields Amateur Radio Society will be celebrating their 25th Anniversary in March this year. Originally founded in 1984 and named the Binstead Amateur Radio Society, the club soon moved to their present site at Brickfields Equestrian Centre where they adopted their new name. Their callsign GOBAR was first issued on 13 March 1985, so celebrations are being centred around this date, including a lunch, table top sale and the activation of a special event station for which a commemorative QSL card is being printed.

Any past members or associates of the Society who would like further details of the planned activities should contact the Secretary, David A'Bear, GOVZV.

## Contest Presentation

On 10 January, Geoff, W0CG paid a visit to Kilmarnock and Loudoun ARC. He gave a presentation about the PJ2T contest station in Curacao, Netherlands Antilles. It was a very interesting talk and was appreciated by the members who braved the bitter winter conditions to attend. The club is now looking forward to contacting the PJ2T station during the 2010 contest season.



Back: Gordon, MM0GOR, Allan, MM3VNW, Arthur, MM0DHQ, Davie, MM3YFR. Front: Geoff, W0CG, Len, GM0ONX, Barry, GM3YEH. Photo by Graham, MM0GHM.

## Mountain Goat

Rick Peterson, M0RCP from Leeds is the latest radio amateur to have achieved the SOTA Mountain Goat award for 1,000 activator points. Rick reached his target on 5 December with an activation of The Old Man of Coniston G/LD-013 using 2m FM, 40m SSB and 80m SSB. This was Rick's 171st activation on 92 different summits, mainly in the Lake District and Northern Pennines areas, although he has also activated in Wales, and as far south as Wendover Woods G/CE-005, near Aylesbury. Activating is sure to continue for Rick, since his son Thomas, M300L is over three-quarters of the way to his own Mountain Goat award.



Rick Peterson, M0RCP, new Mountain Goat, with son Thomas, M300L on the summit of Tal y Fan GW/NW-040 in North Wales.

## New IC-R6 Receiver

The new IC-R6 compact handheld receiver from Icom measures only 58 x 86 x 30mm and contains many big features that allow you to listen to the widest variety of broadcasts. It has wide band reception from 0.100 to 1309.995MHz meaning that you can listen to anything from AM broadcast to UHF analogue TV audio. The IC-R6 has a drip-resistant case that protects the radio from harsh weather and damp conditions so you can take it virtually anywhere. The use of a large internal speaker and BTL (bridge-tied load) amplifier ensures loud, crystal clear audio whatever the level of background noise. You can name each of the 1300 available memory channels, making frequencies easier to find during the 100 channels per second high speed scan capability – useful when searching over 1300MHz of spectrum!



With the optional software and cable IC-R6 programming and cloning is very easy. You can hook up the IC-R6 to a PC so you can customise channel names, scan lists, and more. In addition, the optional CT-17, CI-V level converter allows for PC remote control.

The IC-R6 retails at £173.87 plus VAT and comes complete with BC-07 UK battery charger, 2 Ni-MH rechargeable batteries, FA-S270C antenna, belt clip, handstrap and a handbook. Contact your local Icom dealer for details or visit [www.icomuk.co.uk](http://www.icomuk.co.uk).

### NEWS IN BRIEF

- The Isle of Man Amateur Radio Society is continuing past its 60th year. At the recent AGM a new committee was elected. The committee is now Chair - Steve, GD7DUZ, Treasurer - Jeanie, 2DOJEA, Secretary - Andy, GD1MIP, Morgan, MD0DXW, David, MD3YLX, Stuart, GDOOUD (also RSGB rep) and last, but not least, Matty, MDOMAN. Alan, GDOMWL remains as the president. The club holds a weekly meeting on Wednesdays at its club shack in Foxdale and monthly talks / events in Cronkbourne on the second Tuesday of the month. Further details can be seen at [www.iomars.blogspot.com](http://www.iomars.blogspot.com).

## ATC Exam Successes

At the 2425 (Nottingham Airport) Squadron's recent presentation evening, two members of staff were presented with their certificates for passing the amateur radio Foundation licence examination in December 2009. C/I Sharon Woodier and Adult Flight Sergeant Adam Street are pictured with their instructor C/I Tony Wardle, G4XZA (centre). Flight Sergeant Street, now M6AAS, said that he finds radio communications a fascinating subject and that he hopes to attain his Full licence in due course.

2425 Squadron currently has seven members with a radio amateur Foundation exam pass and five serving cadets with the ATC Communicator Badge, the Corps' highest radio/comms award.



## MW Loop Antenna

The Eton AN200 is a tuneable indoor loop antenna that can improve the reception of medium wave stations on most radios throughout the entire medium wave band. The AN200 can boost the reception provided by the ferrite antenna that is built in to most portable radios, or it can simply be placed near the radio to boost reception, it does not need to be connected or plugged in to your medium wave radio to work.

The Eton AN200 has a built-in tuning dial to peak reception of the desired frequency or station at the same time providing selectivity to reject unwanted stations and noise. The antenna is directional and so can be turned to optimise reception of a specific station. The Eton AN200 Antenna is passive and so does not require a power source. The price is £39.95 and available from Eton stockists or direct from Eton UK distributors Nevada, see [www.nevadaradio.co.uk](http://www.nevadaradio.co.uk).

## International Marconi Day

This year the 23rd IMD will take place on 24 April. Although not a contest, awards can be obtained and full details will be found at [www.gb4imd.org.uk](http://www.gb4imd.org.uk). For a station to be counted towards an award by applicants, that station must be registered by contacting the webmaster ([webmaster@gb4imd.org.uk](mailto:webmaster@gb4imd.org.uk)) prior to the event with full details of the station. In order to qualify as an Award Station operations should take place from a site that either used Marconi equipment prior to his death in 1937 or from which he carried out experiments during the same period.

## Screen Readable

The QRP Amateur Radio Club International (QRP ARCI) has published the Winter 2010 issue of its journal *QRP Quarterly*. At the same time a new service has been introduced to assist blind and visually impaired radio amateurs. The magazine will be available in a screen readable format on request. *QRP Quarterly* features a mix of technical, contest and operating news and is to subscribers in the QRP ARCI 14,000 strong membership. Further information can be found at the QRP ARCI website [www.qrparci.org](http://www.qrparci.org).



## Facebook

There is a new Facebook page for firefighters and amateur radio operators. It is restricted to amateur radio operators that are firefighters and/or EMT/Paramedics. The purpose of the page is to foster a tighter bond between the worldwide fire service and amateur radio. Jeff, W8JSA, who started the page, hopes it will increase the awareness between the two. In the USA, the FCC has allowed emergency first responders to use the amateur frequencies as a secondary means of communications but only if they are first licensed amateur radio operators.

## Midlands D-Star Network

During 2009, five Midlands D-Star repeaters were joined together via the Internet to become 'MidStar UK'. These repeaters are GB7BM (City of Birmingham) GB7GL (Gloucester) GB7WF (Wyre Forest) GB7SY (Shrewsbury) & GB7ZI (Cannock). These repeaters are internet linked, to a Regional Reflector: 21B. This linking enables QSOs to be made throughout the combined coverage area. Mobile users could start a QSO on the M5 as far south as Bristol and continue, without a break, up onto the M6 or along the M54 into Wales. This will be an excellent safety feature for drivers because the usual 'link' and 'unlink' commands will not be necessary when changing from one D-Star repeater to another. Naturally, static MidStar users will also be able to have QSOs anywhere in the combined coverage region.

MidStar users will still be able to connect to their local, national and international reflectors as before. However, if they are connected to MidStar, the usual 'unlink' command needs transmitting before they send a 'link' command to another reflector or individual repeater they want to use.

Digital repeaters are not cheap to buy, operate and maintain, so all D-Star users should consider registering with, and make regular donations, to their local digital repeater Sysop. One very important point of D-Star etiquette: at least four seconds should elapse at the end of each 'over' to allow digital packets to be exhausted within the system before the network receives RF again. Otherwise the initial digital 'header' from the new sender's Tx could be partially lost and the QSO would break down. This could also be caused by stations 'doubling' or due to low signal strength.

## Chelmsford Amateur Radio Intermediate Course

The 9th Intermediate course run by volunteers from the Chelmsford Amateur Radio Society will start in March. As well as radio theory, the course teaches how to solder and build a simple radio set. It will be held at the Danbury Village Hall near Chelmsford on Thursday evenings from 18 March until 27 May. The exam will be held on Thursday 3 June. The course costs £75, which covers the room hire, project materials, Intermediate Licence manual and RSGB exam fee. To find out more speak to Clive, G1EUC on 01245 224577.

### NEWS IN BRIEF

- The 61st Annual International DX Convention sponsored by the Southern California DX Club will be held at The Holiday Inn Hotel & Conference Center, Visalia, USA from 16 - 18 April. Full details at [www.dxconvention.org](http://www.dxconvention.org).
- The D-Star digital repeater node GB7NE at Lynemouth in Northumberland has now operated successfully since it was commissioned last September. It has recently been connected via the Internet to the D-Star network enabling contacts to be made to the many repeater nodes and reflectors worldwide. The repeater operates using digital voice GMSK modulation with output frequency of 439.450MHz. The equipment at Lynemouth is home brew and is the third non-Icom repeater node in the country. During the coming months the equipment and in particular the software, will be further developed to enhance the performance. The repeater node is maintained by Colin, G7RWC but thanks go to David, G4ULF for his ground breaking digital repeater development work, which was described in last month's *RadCom*. If you require further information then have a look at the Northumbria Repeater Group website, [www.gb7ne.org.uk](http://www.gb7ne.org.uk).
- The Great Northern Hamfest organisers have changed the date of their rally as their venue couldn't offer the usual date. Now the rally will be held at the Metrodome Leisure Complex, Barnsley, South Yorkshire on 19 September.
- The program Radio Mobile has continued to evolve, says its designer, and is now at version 10.3.5 with many new features. The program is available free for amateur and humanitarian use. Program details and an installer are available at [www.g3tvu.co.uk/Radio\\_Mobile.htm](http://www.g3tvu.co.uk/Radio_Mobile.htm).
- After the success of last year's event, the Summits on the Air Management Team is pleased to announce another International SOTA Weekend to be held on 1 and 2 May. All prospective activators are encouraged to post their planned activations on SOTAwatch, <http://sotawatch.org>, as soon as is practicable.
- Two new SOTA associations launched on New Year's Day 2010. These latest additions to SOTA internationally are the W3 call area of the USA, and VP8 - Falkland Islands. All the summit data can be viewed on the SOTA Database at <http://database.sota.org.uk>.
- A short photo-report for the MMODGR/M mini DXpedition is available at [www.srars.org/wff-reports/gmff-010.htm](http://www.srars.org/wff-reports/gmff-010.htm). Thanks to all who called the station.
- Waters & Stanton have produced a new online catalogue for the Watson range of radio accessories. This can be accessed from the front page of their website ([www.wsplc.com](http://www.wsplc.com)) and can be downloaded as necessary.

# UK Ham Week 2010



New venue for the bigger and better RSGB Convention, Horwood House has more facilities on offer.

**TEN DAYS IN OCTOBER.** On 1 October the National Hamfest opens its doors to the public. Just over a week later, on 10 October, the RSGB Convention closes with a speech by RSGB President Dave Wilson, MOOBW.

**WHAT HAPPENS IN BETWEEN THESE DATES?** Other than the two events themselves, the answer is not a lot – *at the moment*. The RSGB is therefore asking its members if we can all do something about that. It is proposed that we all work together to organise a series of events and activities up and down the country – events that amateurs and members of the public can participate in and have some fun. The RSGB will promote the activities and we will try to get as many people as possible to participate, amateur and public alike.

**WHAT SORT OF EVENTS?** Well, anything really. Ideas we have had include 'open shack' periods, which we see as very much like the 'open garden' event. Simply open up your shack for visitors that week and encourage them to perhaps donate to the Spectrum



Within minutes of the gates opening, the National Hamfest was busy.

Defence Fund bucket you happen to have handy. The RSGB is planning to ensure that the new amateur radio pavilion and amateur radio station at Bletchley Park is open all week for amateurs and the public to visit and use. We will also encourage all other permanent special event stations to open their doors that week. This isn't the limit of what could be done either; might this be a good week for a SOTA challenge? How about a special effort on the 144MHz club championship (Tuesday 5th) or the 21/28MHz contest on Sunday 3rd? There's lots that any of us can do – so what will YOU do?

## WHAT IS ALREADY PLANNED? NATIONAL HAMFEST, 1-2 OCTOBER.



The Lincoln Shortwave Club in conjunction with the RSGB is planning great things for its second year. Having listened to the surveys carried out on visitors and traders there will be improved catering and better layouts this year. There is much besides this with many traders planning bigger and better exhibits for the 2010 event. Luso Towers are planning an even bigger exhibit this year and there may be as many as three towers to drool over! We can already confirm that the following are attending this year: Icom, Kenwood, bhi, KMK UK Ltd, LAM Communications, LUSO, Moonraker, PW Publishing, Sandpiper, Tecadi and more. Details are at [www.nationalhamfest.org.uk](http://www.nationalhamfest.org.uk).

## RSGB CONVENTION, 8 – 10TH OCTOBER \*\*\* NEW VENUE \*\*\*.



The RSGB convention has now become one of the most popular and well-attended events of the year. Those who have attended the event over the years will recall that the move to Wyboston was made to accommodate the event's increased attendance. However, we have now outgrown this venue too. As a result we have decided to move the 2010 RSGB Convention to Horwood House near Milton Keynes.

Horwood House provides the RSGB Convention with new purpose-built meeting rooms, comfortable lounges and bars, delightful country surroundings and 182 en-suite bedrooms. All bedrooms are within the complex and have easy access to the lecture rooms that we will be using. Within a short distance of Bletchley and Milton Keynes stations and the M1 motorway, this new venue is easy to access.

The Convention programme will be announced soon and it planned to further expand the popular lectures and increase the activities for the visitors. For details see [www.rsgb.org/rsgbconvention](http://www.rsgb.org/rsgbconvention).

## WANT TO BE PART OF HAM WEEK?

If you want to organise an open shack or any other event during ham week we would love to help. The RSGB is planning to make publicity available in the pages of *RadCom* and on our website. We will also provide promotional materials for the week itself. All that we ask you to do is write or email us with your ideas and we'll see what we can all do to make the 1st to 10th October a fun week of amateur radio.

For more information contact us by e-mail to [hamweek@rsgb.org.uk](mailto:hamweek@rsgb.org.uk). We look forward to hearing your ideas.



Horwood House will provide the RSGB Convention with new purpose-built meeting rooms, comfortable lounges and bars and delightful country surroundings.

**1 SCOTLAND SOUTH & WESTERN ISLES**

**AYR ARG**  
 Charlie, MM0GNS, 01563 551704, cgnstewart@hotmail.com  
 3 Project Construction  
 17 HF Operating  
 30 DVD Night

**COCKENZIE & PORT SETON ARC**  
 Bob, GM4UYZ, 01875 811 723  
 5 Normal Club Night  
 19 Forensic Science by Paul, 2M0BUY

**FALKIRK & DARS**  
 Peter, GM8GAX, 01259 761012  
 21 Junk and Surplus Equipment Sale

**KILMARNOCK & LOUDOUN ARC**  
 Graham, MM3GDC, mm3gdc@btinternet.com  
 9 Club Night  
 23 The work of the repeater group by Crawford Ross

**LIVINGSTON & DARS**  
 Norman, 07740 946192, uk.groups.yahoo/group/msOliv  
 2, 16, 30 Club Evening  
 9 Operating Evening  
 23 Morse Code Practice

**LOTHIANS RS**  
 Andy Sinclair, lrs\_secretary@moosedata.com  
 10 Borders Search and Rescue Unit by Stuart Fuller-Shapcott

**PAISLEY (YMCA) ARC**  
 Bill Anderson, 2M0BZZ, 01505 613633, bill@3bis.co.uk  
 10, 24 Training

**2 SCOTLAND NORTH & NORTHERN ISLES**

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

**ABERDEEN ARS**  
 Lewis, GM4AJR, 01224 575 663, www.radioclubs.net/aars  
 4 Junk Sale  
 11 Talk by George, GM30XX  
 18 Video Night  
 25 Construction / On the Air

**3 NORTH WEST**

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

**BOLTON WIRELESS CLUB**  
 boltonwireless@gmail.com  
 8 More Miles on VHF by Richard, G4HGI  
 22 Building simple aerials activity night

**CHESTER & DARS**  
 Barbara Green on 07957 870770, www.chesterdars.org.uk  
 2 45 Years of Ham Radio by Brian, G3TXH  
 9 Committee Meeting  
 16 The Racial Story by Dave, G4JMF  
 23 Radio Operations

**SOUTH CHESHIRE ARS**  
 Chris Wiseman, G0RDK, 01782 773185  
 4 No meeting so on air club net, S14  
 11 Portable Antennas by Ray, M1REK  
 18 No meeting so on air club net, S14  
 25 SDR Radio by Paul, M1BKL

**SOUTH MANCHESTER R&CC**  
 Ron, G3SVW, 0161 969 3999  
 4 Antenna clinic with Ron, G3SVW  
 11 Digital photography by Robin, G3RJQ  
 18 PC clinic with Dave, G4UGM  
 25 Military transport of World War 2 by Jerry  
 29 Monthly Technical Forum

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 the April RadCom is 1 March and for the May edition it's 1 April. For GB2RS, the deadline is 10am on the Tuesday for the week of broadcast.

**THORNTON CLEVELEYS ARS**  
 John Foster, 2E0EZY, 01253 399377  
 1 Natter night/Book sale  
 8 Marconi by Phil, M3UHH  
 15 Brains Trust by Mick, G4EZM  
 22 Discussion NARSA Rally  
 29 Final preparation NARSA Rally

**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  
 1, 12, 22, 29 Take to the air; natter night  
 8 Modern encryption in your life by AiXi Taylor

**EAST CLEVELAND ARC**  
 Alistair, G4OLK, 01642 475 671, alistair.mackay@talk21.com  
 5 Radio magazines evening  
 12, 26 Night on the air  
 19 Bring in something interesting evening

**HALIFAX & DARS**  
 Anthony Vinters, 01422 822636, tony@g0wfg.demon.co.uk  
 16 Waterways part 2 by Geoff, G0PFH

**HORNSEA ARC**  
 Gordon MacNaught, G3W0V, 01377 240573, gmactnaughtwov@yahoo.co.uk  
 3 DF Foxhunting Theory G4YTV/G3RMX  
 10, 24 Club Night CW Class  
 17 Talk by Tony, GOAZQ  
 31 DF Foxhunting Practice G4YTV/G3RMX

**OTLEY ARS**  
 Paul, 2E0PAK, 07768 996370, m6wat@pekae.co.uk  
 2 144MHz UKAC  
 9 Foundation Course  
 17 Foundation Exam  
 23 50MHz UKAC & Village Hall (Tech Chatter)  
 30 70MHz UKAC

**SHEFFIELD ARC**  
 Trevor Wood, M0TWS, trevorwood6@yahoo.co.uk  
 1 Social night  
 8 Sunspots & the ionosphere by G3PHO  
 15 National science week club open night  
 22 Contest workshop 3 followed by video  
 29 AGM

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

**CHELTENHAM ARA**  
 Derek Thom, G3NKS, 01242 241099, G3NKS@blueyonder.co.uk  
 5 Constructional Exhibition (Prestbury)  
 18 Contest seminar (Brizen Centre)

**COVENTRY ARS**  
 John, G8SEQ, 07958 777363  
 5 Recollections of the RA by Mark, G6TII  
 12, 19 Project 2010 construction night  
 26 President's night

**GLOUCESTER AR&ES**  
 Anne, 2E1GKY, 01452 548478, daytime, www.g4aym.org.uk  
 1 The new Tornado engine by Les, G0ULH  
 8 Operating Club Equipment  
 15 Bring and show your station  
 22 Workshop/operating night  
 29 Operating evening

**KIDDERMINSTER & DARS**  
 Barry, G4CTU, 01562 823966  
 2 VHF on the Severn Estuary by GOTUW

**MIDLAND ARS**  
 Norman, G8BHE, QTHR, 01214 229 787  
 3 General meeting, shack on the air  
 10 Committee meeting  
 17 Another of Ron's film shows  
 21 Visit to Wythall radio rally  
 24 Laptop computer training class, shack on the air  
 31 Field day planning meeting

**MID-WARWICKSHIRE ARS**  
 Bernard, M1AUK, 01926 420 913  
 9 Annual General Meeting  
 23 Technical topics

**SOUTH BIRMINGHAM RS**  
 Don, 0121 458 1603  
 1 Shack on the air  
 3 Lecture in main hall  
 5, 12, 19, 25 Construction evenings  
 8 Contest meeting  
 15 Getting ready for the Wythall rally  
 21 Club stand at the Wythall radio rally  
 22 Review of our stand at the rally  
 29 Field day planning meeting

**STRATFORD UPON AVON DRS**  
 GOCHO, 01608 664488, cousbey@theiet.org  
 8 Test Equipment Evening by G0JUQ  
 22 80m Kit Building by MOLDY

**TELFORD & DARS**  
 Mike, G3JKX, 01952 299 677, mjstreetg3jkk@blueyonder.co.uk  
 3 Open house/HF OTA/Committee  
 10 Main Construction Competition  
 17 Marconi event et al, G3UKV in the chair  
 31 AGM

**6 NORTH WALES**  
 REGIONAL REP: MARK HARPER, MW1MDH, MW1MDH@RSGB.ORG.UK

**CONWY VALLEY ARC**  
 Wynne, GW6PMC, 01745 855 068  
 3 Talk by Captain George Alker, MW3MEY

**DRAGON ARC**  
 Stewart Rolfe, GW0ETF, 01248 362229  
 1 The North Wales Fire Service and its approach to the Welsh language by Alun Rowlands, 2WOCYM  
 15 Discussion evening

**MEIRION ARS**  
 John, MW0VTK, 07868 738016, meirionars.multiply.com  
 4 Annual Bob Smith lecture

**WREXHAM ARS**  
 Glyn, MW0BNB, www.qsl.net/wars/  
 2 AGM  
 16 Quiz

**7 SOUTH WALES**  
 REGIONAL REP: JIMMY SNEDDON, MW0EQL, MW0EQL@RSGB.ORG.UK

**NEWPORT ARS**  
 Ross Clare GW3NWS, 01633 880146  
 5 Getting to know the club rig  
 12 R L Drake and the TR4 series by Ross, GW3NWS  
 19 GB4RC Ryder cup meeting  
 26 On the air and natter night

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

**GLENGORMLEY ELECTRONICS ARS**  
 Peter Lowrie, MI5JYK, mi5jyk@rsgb.org.uk  
 8 Intermediate Course Registration Night

**GREENISLAND ELECTRONICS AMATEUR RADIO SOCIETY**  
 MI5JYK, mi5jyk@rsgb.org.uk  
 22 Radio Propagation by Charlie, GI4FUE

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

**AYLESBURY VALE RS**  
 Roger, G3MEH, 01442 826 651  
 10 AGM

**BURNHAM BEECHES RC**  
 Dave, G4XDU, 01628 625 720  
 1 AGM  
 15 Pamphonics by Jeremy

**COULSDON ATS**  
 Andy, G8JAC, g8jac@btinternet.com  
 8 Film and video evening

**CRAY VALLEY RS**  
 Bob, 2E0RCV, 020 8265 7735 after 8pm  
 4 Annual construction contest  
 18 Natter night

**CRYSTAL PALACE R&EC**  
 Bob, G300U, 01737 552 170  
 6 History of Power Supplies Part 2

**DORKING & DRS**  
 Garth, G3NPC, 01737 359472, garth@swansons.org.uk  
 23 How Many Radials? by Garth, G3NPC

**EDGWARE & DRS**  
 Mike, G4RNW, 020 8950 0658, michael.stewart5@ntlworld.com  
 11 Plastic welding by John, G4GYS  
 25 The Falklands and South America by Mike, G4RNW

**MILTON KEYNES ARS**  
 www.mkars.org.uk  
 1, 15, 29 MKARS shack open night  
 8 Summits on the Air by Marc, GOAZS  
 22 General chat night

**NEWBURY & DARS**  
 Richard, G3ZGC, 01635 46241, richard.jolliffe@vodafone.com  
 24 IOTA 2009 DVD and planning IOTA 2010

**RADIO SOCIETY OF HARROW**  
 Linda, G7RJL on 0208 386 8586, www.g3efx.org.uk  
 12 Fuel Economy by M30JH  
 26 AGM

**READING & DARC**  
 Pete, G8FRC, 01189 695 697  
 11 Five ways to steal your data by Andy, M0HAK  
 19 Foundation Licence Course  
 25 The power of the crystal by Lorne, M0NEL

**SHEFFORD & DARS**  
 David, G8UOD, 01234 742 757, www.sadars.co.uk  
 4 Machine control by Ian, G3ORG  
 11 AGM  
 18 Mini talks by members  
 25 TBA

**SOUTHGATE ARC**

David Sharp, M0XDS,  
david.sharp1@tesco.net.  
10 Spring junk sale

**SURREY RADIO CONTACT CLUB**

Ray, G4FFY, 020 8644 7589  
1 Surplus sale  
15 Club fix-it and natter night

**SUTTON & CHEAM RS**

John, G0BWW, 020 8644 9945,  
info@scrs.org.uk  
18 Operating digital modes on HF  
by Evan, M0TJU

**VERULAM ARC**

Ralph, 01923 265572, g1bsz@aol.com  
16 Hands-on equipment test evening

**WEY VALLEY ARG**

www.weyvalleyarg.org.uk  
5 Are big antennas and linears obsolete?  
by Walter, G3JKV  
19 Club night

**WHITTON AMATEUR RADIO GROUP**

www.warg.info  
12 Icom Pro 3 users training with Garo,  
G0PZA  
26 Preparing for CQWXP SSB Contest  
27 Weekend event CQWXP SSB Contest  
Club contest call M2W

**WIMBLEDON & DARS**

Jim, M0CON, 020 8874 7456,  
www.gx3wim.org.uk  
12 On the air (digimodes)  
26 Commercial satellite communications  
by Peter, G1SHV

**10 SOUTH & SOUTH EAST**

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

**BREDE STEAM ARS**

Steve, 01424 720815,  
M0NUC@aol.com  
2, 6, 9, 16, 23, 30 At the shack

**CRAWLEY ARC**

John, G3VLH, 01342 714 402  
24 Spring surplus equipment sale  
Visitors welcome

**FARNBOROUGH & DRS**

Derek, G3OFA,  
mail@farnboroughradio.org.uk,  
www.farnboroughradio.org.uk,  
10 Imaging technology by Julian, M0XPJ  
24 Visit to Martin Lynch & Sons (Chertsey)

**HARWELL ARS**

Malcolm, G8NRP, 01235 524844,  
info@g3pia.org.uk  
9 6m DX by Colin, M0DDT  
23 Shack activity night

**HASTINGS E&RC**

Gordon, 01424 431 909,  
gordon@gsweet.fsnet.co.uk  
www.herc.uk.net  
24 ATV Talk and Demo

**HORNDEAN & DARC**

Stuart, G0FYX, 023 9247 2846,  
www.hdarc.co.uk  
2 Natter night/social evening  
23 Police aviation by Dave Boardman

**HORSHAM ARC**

www.harc.org.uk  
4 Used equipment sale  
25 Social, The Blue Ship

**ITCHEN VALLEY ARC**

Charlie, M0WYM, 02380 439560,  
secretary@ivarc.org.uk  
12 AGM  
26 Introduction to internet telephony  
by Geoff, G3ROG

**MID-SUSSEX ARS**

Peter, G4AKG, 01444 239371  
5 Quiz night  
12 Radio night  
19 The Volks Electric Railway  
by Ian Gledhill  
26 Surplus equipment sale

**SOUTHDOWN ARS**

John, G3DQY, 01424 424 319  
1 History & renovation at Polegate  
Windmill by John Flude  
3 Operating at Hailsham shack

**SWINDON & DARC**

Den, M0ACM, 07810 317750,  
www.sdarc.net  
4 Construction contest  
11, 25 Natter night  
18 Code breaking at Bletchley Park  
by Bob, G0VTA

**TROWBRIDGE & DARC**

Ian, G0GRI, 01225 864 698, E/W  
3 How good is your take off?  
with Alan, G3XSV  
17 Natter night  
28 S. Glos. Amateur Radio Rally  
(Club table)

**WATERLOOVILLE ARC**

Rich, G4IBW, 02392680852,  
g4ibw1@ntlworld.com  
7 CW night  
14, 19 Exam course  
28 Club talk

**WORTHING & DARC**

Roy, G4GPX, 01903 753 893  
3 The rise and fall of Don Miller  
by Bob, G3VXJ  
10 Discussion evening  
17 Loops and how antennas really work  
by Mike Underhill  
24 Discussion evening

**11 SOUTH WEST  
& CHANNEL ISLANDS**

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

**APPLEDORE & DARC**

Brian Jewell, M0BRB, 01237 473251  
15 AGM

**BLACKMOOR VALE ARS**

Tony G0GFL, 01258 860741  
2 VHF evening in the club shack  
9 Talk on D-Star by Alan, M0MYI  
16 HF evening in the club shack  
23 Clansman military radio by MOPDM  
30 Video K5D

**CORNISH AMATEUR RADIO CLUB**

Steve, G7VOH, 01209 844939,  
G7VOH@btinternet.com  
1 Committee meeting  
3 Talk by David, G3NPB  
8 Microsoft Excel by Clive, G3OCB

**NORTH BRISTOL ARC**

Dick, 01454 218362, g0xay@aol.com  
5 Archery with Richard, M6RES  
12 Operating evening  
19 Committee Meeting  
26 Radio Literature: What's New? by  
G0XAY

**TAUNTON & DARC**

William, G3WNI, 01823 666 234,  
g3wni@btinternet.com  
3 Discussion on WSPR

10, 24 Operating club station  
17 TBA  
31 Video

**THORNBURY & SOUTH**

**GLOUCESTERSHIRE ARC**  
Tony, G0WMB, 01454 417048,  
tonytsgarc@sky.com  
3 South Gloucestershire amateur  
radio rally planning meeting  
10, 24 On air night  
17 Video night  
28 South Gloucestershire amateur  
radio rally

**TORBAY ARS**

Dave, G6FSP, g6fsp@tars.org.uk  
5, 19 Natter night  
12 Operating night  
26 Presentation night, entry by ticket only

**WEST DEVON RC**

Jules Cuddy, M1AGY, 01752291588  
2 Open visit evening - invitations to other  
local clubs to attend.  
16 Radio repair and valve testing night  
with Tony Helm  
**YEOVIL ARC**  
Steve Crask, G7AHP, steve@g7ahp.co.uk  
4 HF propagation by G3MYM  
11 My first year as an amateur by M3ZFF  
18 Coils and Inductive Coupling  
by G3MYM  
25 Station on air & committee meeting

**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  
11 Informal meeting  
20 BDXG annual club dinner and prize  
giving  
25 Planning for major events and training  
opportunities

**BRAINTREE & DARS**

John, M5AJB, 01787 460 947  
1 Portable operating by 2E0XRS  
15 Bats: the world's most successful  
mammal by Mr & Mrs Jiggins.

**CAMBRIDGE & DARC**

Lawrence Micallef, M0LCM, 07941  
972724, events@cdarc.co.uk  
5 Rally planning and social  
7 Cambridge and DARC rally  
12 Radio quiz night with Chris, G1PXF  
19 Understanding radio specifications  
by Ludovic, M0GDO  
26 Annual general meeting  
27 Training course weekend - Foxton

**CHELMSFORD ARS**

Martyn, G1EFL, 01245 469 008,  
www.g0mwt.org.uk  
2 London Underground modernisation  
by Mark, M0IEO  
9, 16, 23, 30 Club net night

**DOVER RC**

Brian, G4SAU, g4sau@darco.org.uk  
3 Brainstorm evening  
10 Spy radio by Ian, G3ROO  
17 Natter and operating evening  
24 Emergency power for radio  
communications by Nigel, M0NDE  
31 Talk on APRS by M1CMN & M0TMX

**FELIXTOWE & DARS**

Paul, G4YQC, pjw@btinternet.com  
22 AGM

**GORLESTON ARS**

David, G3OEP, QTHR, 01493 662 323  
27 Lunch time meeting at the Short Blue  
Hotel, Gorleston

**HARWICH ARC**

Kevan 2E0WWMG 07766543784  
kevan2e0wmg@live.co.uk  
10 VHF marine radio by Kevan, 2E0WWMG

**KING'S LYNN ARC**

Ray, G3RSV, ral-g3rsv@supanet.com,  
www.klarc.org.uk  
4, 11, 18, 25 Club night and 2m club net

**LOWESTOFT & DISTRICT PYE ARC**

Phil, G0JSJ, 01502585448,  
phillip.holden@virgin.net  
4, 18, 25 Club night at shack  
11 Open planning meeting

**NORFOLK ARC**

Chris Danby, G0DWV, 01603 419204,  
cmdanby@btinternet.com  
3 Wing Commander Ken Wallis,  
Little Nellie and 007  
10 Informal, construction and  
workshop evening  
17 2m and microwaves by G4DDK  
24 Informal, construction, workshop  
and Bright Sparks evening  
31 Square Bashing on Es by G3YLA

**PETERBOROUGH & DARC**

David Howlett, M0VGT,  
padarc@tesco.net  
24 Supersonics, RF harmonics, digital  
electronics and teddy bears: a near  
space adventure by Ed Moore

**SOUTH ESSEX ARS**

Norman, M0FZW, 01268 692776,  
secretary@southessex-ars.co.uk  
10 Marine and offshore radio by G4UJV

**13 EAST MIDLANDS**

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

**EAGLE RG**

Terry, G0SWS, 01507 478590  
9 Local D-Star facilities by Rob, M0AOV

**FRISKNEY AND EAST LINCOLNSHIRE  
COMMUNICATIONS CLUB**

Chris M0MFP, 01507 442240  
2 Data modes by 2E0BDS

**HINKLEY ARS**

John, M0JAV, m0jav@lowgables.co.uk,  
07836 731544  
3 Social Evening  
10 Antenna Workshop: HF doublet  
ZS6BKW by John Rogers, M0JAV  
17 On the air  
24 Antennas: my view by Steve, G4XCK  
31 Junk sale

**LINCOLN SHORT-WAVE CLUB**

Pam Rose, G4STO, 01427 788356,  
pamelagro@tiscali.co.uk  
3, 17 Shack activity and natter night  
10 G5FZ on air

**LOUGHBOROUGH & DARC**

Chris, G1ETZ, 01509 504 319  
2 Annual Dinner The Griffin Inn  
9 ZN414 project judging  
16 DF future & equipment  
23 Early radar by George, G4EUF  
30 Practical evening

**SOUTH NOTTS ARC**

Terry, M0RIA, www.radioclubs.net/snarc  
2 2m Contest  
3 Component theory - resistors  
17 On air and Morse  
21 Weekend event: Science and  
Engineering Week, GB2GG  
24 Open forum (members only)  
31 Homebrew no. 1 reworked,

**SPALDING & DARS**

Graham Boor G8NWC, 07947 76448,  
secretary@sdars.org.uk,  
www.sdars.org.uk  
2 144 UKAC  
19 DVD night

**WELLAND VALLEY ARS**

Peter D Rivers, G4XEX, QTHR, 01858  
432105, g4xex@fsmail.net  
15 10GHz demo and experiment night