

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.

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Peter Kirby, FCMI, MISM, GOTWW

Honorary Company Secretary:

Rupert Thorogood, G3KKT

Honorary Treasurer:

Dr R Dingle, G0OCB

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

HEADQUARTERS AND REGISTERED OFFICE

3 Abbey Court, Fraser Road,
Priory Business Park,
Bedford MK44 3WH
Tel: 01234 832700
Fax: 01234 831496

QSL Bureau address:

PO Box 5, Halifax, HX1 9JR, England.
Tel: 01422 359362
E-mail: qsl@rsgb.org.uk

E-mail addresses:

sales@rsgb.org.uk (books, filters, membership and general enquiries)
GB2RS@rsgb.org.uk (GB2RS and club news items)
RadCom@rsgb.org.uk (news items, feature submissions, etc)
AR.Dept@rsgb.org.uk, RCE.Dept@rsgb.org.uk
(Examinations) IOTA.HQ@rsgb.org.uk (Islands On The Air)
GM.Dept@rsgb.org.uk (managerial)

Website: www.rsgb.org

Members Area: 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 should you want to mention it anywhere.

How can radio amateurs add to the knowledge of sunspots and propagation?

So it's goodbye to cycle 23 and welcome to cycle 24. But when did the old cycle end and the new one begin? Probably some time last autumn, but that has yet to be officially confirmed - just one reflection of the fact that the Sun is a variable star. The general course the new cycle will follow is clear enough but nobody can yet say for sure whether it will be longer or shorter than the average eleven years, whether it will rise slowly or rapidly to reach maximum in either 2011 or 2012 or whether it will peak at a high or more modest level.

Nothing we can do will alter any of these factors – and maybe we should not want to because the Sun's variability is what sustains that slight, pleasurable, uncertainty about 'conditions' many of us experience as we switch on the rig. That said, one of the arts of being a good operator is being able to work with the opportunities the Sun offers at any given stage of the cycle, season and time of day. There is surely no better time to improve our understanding of how it affects us on whatever bands take our interest than the start of a new cycle.

Early generations of amateurs had only modest amounts of information at their disposal. We benefit from their experience and pioneering explorations in showing what could be done with the supposedly 'useless' wavelengths below 200 metres. A later generation looked for guidance to the daily 'Boulder figures' from WWV, or used improvised telephone networks to pass the word from GM that an aurora was under way. Primitive by current standards but you work with what you've got. What we have now is a richer cornucopia of information on virtually every aspect of propagation, much of it continuously available in near-real-time. The SOHO and ACE spacecraft keep us informed 24/7 about solar wind speeds and particle densities, giving warning of developing ionospheric storms. They are now being joined by the multiple spacecraft of the Themis and Stereo missions, which will shed light on the factors that trigger the substorms and aurora that delight some of us but spell gloom to others. Stereo is particularly important because, for the first time, we will know what is happening on the back of the Sun, and so have earlier and better warning of coming events.

Those may of course include storms of exceptional severity, which can have the fearsome consequences G3FPK spelled out in a recent VHF/UHF column. The potential impact on amateur radio would obviously be only a fraction of the consequences for society generally. That said, the improved warnings from these new systems, which will be fully operational in a year or so should help us improve the possibility of avoiding or mitigating damage.

What is not in dispute is that we now have an unprecedented amount of propagation-related material constantly available. Are we doing all we should to circulate it more widely, to engage with it and use it to best advantage? As a generalisation, to which there are many, many honourable exceptions, one suspects not. And we need not only to draw on that store of information but to add to it. There are many ways in which this could be done. It could be involvement in a demanding project such as the one on 5MHz NVIS propagation or plotting the course of a major VHF Sporadic-E event. Or it might involve observing and analysing reception of a 14MHz IBP beacon, with automatic monitoring taking the drudgery out of results processing. Or, if we come across some apparently anomalous event we could observe it, note it and pass to others to chew over. Modest, manageable projects can be found for most parts of the spectrum. They are often dismissed as merely reinventing the wheel, as indeed they do. But while they may not turn up anything genuinely new they can be an excellent way of deepening our understanding of how propagation actually works. Many more examples, whether more ambitious, or less can readily be found. Over the decades radio amateurs have made a valuable contribution to the understanding of how signals get from A to B (or not!). We can and should build on that tradition during the cycle ahead. We all have something more to learn about propagation and maybe we should make some 'new cycle resolutions' to do something about that – preferably less ephemeral ones than those we make at the New Year!

Professor Martin Harrison, G3USF
RSGB Propagation Studies Committee

RSGB AGM



Click on 'Live Events' to watch the RSGB AGM.

Just a reminder that the RSGB AGM will take place on 18 April at the Novatel Newcastle hotel in Newcastle upon Tyne. Anyone attending by car does not need to

pay the hotel car parking costs. If drivers inform reception upon arrival that they are attending the AGM, they will be issued with an exemption ticket.

If you can't attend the AGM in person, you can still see what is going on. The British Amateur Television Club will be streaming video and audio of the proceedings live via the internet. Anyone with a broadband connection can go to www.batc.tv and click on Live Events to watch the stream. It's completely free.

Digital Switchover



RSGB Past President Ian Suart, GM4AUP, met up with Fred Stefanik, N1DPM at a transmitter site in North West

England. The event was the completion of the first of a series of high power transmitter installations as part of the Digital Switchover Programme in the UK. Ian was there representing the customer, Arqiva and Fred was representing the supplier, Thomson Grass Valley.

Electronic Ballots

To allow for ballots to be conducted using an electronic system involving an electronically generated document the Board have recently approved the amendment of Bylaw 5.1 as follows:

Bylaw 5.1 In the event that the number of valid nominations under 4.2 exceeds the number of vacancies arising under Article 4.1 of these Bylaws a ballot shall be held. Voting in the election for Board or to the Regional Council shall be conducted by way of a manual system involving a paper document or by way of an electronic system involving an electronically generated document. Both systems shall be described as a 'ballot paper'.

R Thorogood, G3KTT
Hon Company Secretary

Presentation

RSGB President, Colin Thomas, G3PSM was invited to the Itchen Valley ARC to present the prizes to the winners and runners-up of the 2008 Construction Competition held at the end of last year. There was an impressive display of the winning entries at the club.

Judging had been conducted by Simon Tribe, G0IEY from ARC, or Duncan, G3RQF and Graham, G3XSD from the Itchen Valley Club. The judges were unanimous that the standard of entries in all three entry classes, (novice, intermediate and advanced) were of a very good standard. There were 15 entries, ranging from HF transceiver to portable HF antennas and a mobile phone detector.

The winners were: Novice class – Liz, MOACL, runner up – Bert, G4XBZ; Intermediate class – John, G8I0K, runner up – Eric, G3KXE; advanced class Richard, G30TK, runner up – Charlie, MOWYM.



Ham Cookbook?

The RSGB is looking for contributions to an amateur radio cookbook. The idea is to produce a simple book that provides recipes compatible with amateur radio. Perhaps that could be the ideal dish for contest operation – one hand on a key, the other on the perfect 'ham' sandwich. Or how about something catering for 20 people on that DXpedition, cooked on one gas ring? Whatever recipes you have, be they light hearted or serious, they are contenders to be added to our cookbook. If you would like to contribute please send your recipe (including any supporting words) along with any pictures of yourself and the finished dish you may have, to us by e-mail to cookbook@rsgb.org.uk.

Maybe a contribution to a cookbook isn't you, but you would like to contribute to an amateur radio book or even write a whole one? The RSGB is looking for authors who might be commissioned to produce books of our choosing or have good ideas of their own. We are particularly looking for authors who might contribute sections to a new book covering computers in amateur radio. However, whatever your area of expertise, we would like to hear from you. If you are interested please send an e-mail in the first instance to books@rsgb.org.uk, outlining your skills.

National Public Service Radio Coordinator

Do you have an interest in public service radio? This includes RAYNET and providing radio communications in support of national and local community events. If you do, the RSGB has a vacancy for the position of National Public Service Radio Coordinator.

This is a very busy and high profile position. You should have had some experience in talking to government and user services be an RSGB member and be an active member of a RAYNET group.

If you are interested, in the first instance please contact the RSGB General Manager, Peter Kirby, GOTWW by e-mail at GM.Dept@rsgb.org.uk.

RSGBTEC

Do you have a technical query, interested in technical aspects of the hobby, discussions or even just started in the hobby and require assistance? Well, [rsgbtech](http://groups.yahoo.com/group/rsgbtech/) is the place for you. It is open to all radio amateurs and can be found on yahoo.com (<http://groups.yahoo.com/group/rsgbtech/>).

Once on the yahoo site, registration only takes a few minutes and membership is automatically accepted. Just type in [rsgbtech](http://groups.yahoo.com/group/rsgbtech/) in the 'search box' look for the RSGB logo and you are there. Please note that all posting are moderated and if it's technical and amateur radio, it is 'On Topic'.

Further information including links can be obtained from Leslie Butterfields, GOCIB by e-mail to g0cib@rsgb.org.uk.

Technical Forum Chairman

This is a new CHALLENGING volunteer appointment in an area that is vital to the future of amateur radio.

The Technical Forum is made up of like minded radio amateurs who have an interest in the technical aspects and innovation of amateur radio.

The Forum members also play a key role in reviewing articles for publication by the RSGB in our flagship magazine RadCom thus ensuring that the technical content of the magazine is of the highest standard.

To accept this challenge you will need to be interested in all things technical, be a diplomat and be well motivated. If you meet the criteria then apply in writing or via e-mail enclosing your amateur radio CV to the RSGB General Manager, Peter Kirby, GOTWW at GM.Dept@rsgb.org.uk or by post to Abbey Court.

Exam Successes

Hoover ARC recently ran two Intermediate exam classes – in March and April – and all seven candidates were successful. The club normally meets on Monday and Wednesday evenings from 7 to 9pm at the Sports Pavilion, Pentrebach, Merthyr Tydfil.



Alan Davies, 2W0VEY, Kevin Parry, MW6KAA, Aeronwen Sneddon, MW6MWS and Sian Llewellyn, MW6SAA.



Royston Williams, Steve Froggett, Jimmy Sneddon, MW0EQL (lead instructor), Darren Dash and Neville Tanner.

Members of the Humberside & Yorkshire 4X4 Response Group were very successful in their recent Intermediate exams. A special well done must surely go to Keith Ward (centre) who took the plunge and sat (and passed) the Intermediate exam, just 30 minutes after passing his Foundation exam. All candidates are now eagerly awaiting their new callsigns!



From l/r: Invigilator Ian Reynolds, M1ISR, Mark Leonard, M3XYM, Keith Ward, Joseph McBride, M3XNY and lead instructor Mario Brashill, G2DPA.

The North Wakefield Radio Club has been running Foundation courses recently. The courses were taught by Andrew Walker, MOHFX aided by Robin Moseley, G1MHU. So far this year they've had two successful courses, in January and March. From the January course (right) you can see (l-r) Les Potter, John Myers, Emma Taylor, Dai Williams and Greg Stewart. The March course

comprised (below) (l-r) front David Mitchell, Michael Moseley, Georgie Scaife and rear, Barry Tufnell, Mark Walker and Martin Nash.



Successful Talk

Silcoates School ARC and around 50 amateurs from around Yorkshire recently enjoyed a talk by Roger Western, G3SXW. Roger was able to tell stories about his life in the hobby – and especially about his contesting activities in Africa. He had a good chat with every member of the school club and he was able to share in a question and answer session with his audience.



Luke, M3VSZ (I) presenting Roger with honorary membership of the Silcoates club.

GB250RB

This callsign is to commemorate the 250th anniversary of the birth of Robert Burns, Scotland's National Bard. It will be activated throughout 2009 by the Kilmarnock and Loudoun Amateur Radio Club. The next event in May will be at the Mauchline Holy Fair, Mauchline on Saturday 23 May. Members of the Kilmarnock and Loudoun Radio Club will be running a radio station at this event from 9am and will be working HF bands. The GB250RB team would like to thank Jaycee Electronics Ltd for the donation of a Carolina Windom for portable operations during the year.



Alan, GM6004 SWL and Arthur, MM0DHQ.

Naval Aviation

On 7 May 1909, the Admiralty began a process that was to lead to the formation of the Fleet Air Arm. As 2009 is the Centenary Year of Naval Aviation, there are a number of events and publications throughout the year to celebrate and commemorate this event.

The Royal Naval Amateur Radio Society is to operate a special event station during May. The station will have the callsign GB100FAA and will be operated by members of the Society, initially from HMS Collingwood at Fareham and latterly at the Royal Naval Air Station at Yeovilton in Somerset. Contacts with the special event stations and with RNARS members will also count towards the awards issued by the RNARS. Operation will be on SSB and CW on the usual RNARS frequencies, band conditions permitting, and ±QRM: SSB – 3740, 7055, 14294/14335, 18150, 21360 and 28940kHz. CW – 3520, 7020, 10118, 14052, 18087, 21052, 24897 and 28052kHz. It is expected that a 2m FM station will also be operational. More information about the RNARS and the awards can be found at www.rnars.org.uk.

ISS Contact

Callum Graham, MM3YCG recently had a contact with astronaut Mike Fincke, NA1SS, who was on board the International Space Station. It is believed that Callum is the first UK Foundation licence holder to have a QSO with an astronaut on the Space Station. Callum was using 10 watts from a Yaesu FT-847 feeding a Sharman Multicom X-50 collinear at 30 feet. Since getting his licence in July 2007 through the Mid Lanark Amateur Radio Society, he has had many contacts through the amateur radio satellites.

Most of the astronauts on the ISS are licensed radio amateurs. If you've not heard the ISS before, try listening on 145.800MHz FM. You'll find rigs with the wider filters for 25kHz channel spacing work best.

If one of the astronauts isn't on the air for a school contact or just calling CQ then you may find that the ISS cross band FM repeater, AX.25 Packet or Slow Scan TV transmissions will be operating from the Space Station on that frequency. You can find out when the ISS is in range by using the N2YO Real Time Satellite Tracking website.



Yearbook 2010

Work is just starting on the RSGB Yearbook for 2010. It's a timely reminder to readers that you should make sure that Ofcom have the correct contact information for your callsign. If you need to make changes to this information, you need to contact Ofcom directly as they hold the information, not the RSGB.

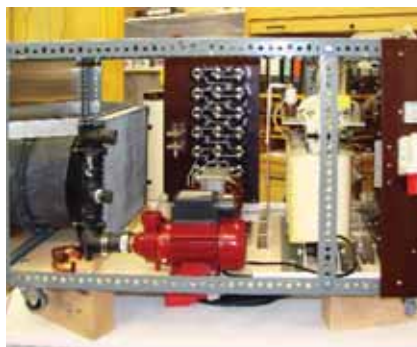
If you are the secretary of a local club, you can help make production of the Yearbook a little easier by checking the latest edition of the Yearbook or the RSGB website to make sure that what is said about your club is up-to-date. If it isn't, please e-mail changes to sales@rsgb.org.uk. Letters will go out to clubs in the near future, make sure you return yours as soon as possible to ensure the correct data is included in the 2010 Yearbook. The same applies to clubs who run amateur radio courses and exams. Is the information the RSGB hold still current? If not, please notify sales@rsgb.org.uk of the changes as soon as possible.

Echoes from Venus

On 25 March, a team from the German space organisation AMSAT-DL reached another milestone on its way to an interplanetary probe towards planet Mars. The ground station at the Bochum observatory transmitted radio signals to Venus. After travelling almost 100 million kilometres and a round trip delay of about five minutes, they were clearly received as echoes from the surface of Venus. This is the farthest distance crossed by radio amateurs – over 100 times further than echoes from the moon (EME).

For receiving the EVE (Earth-Venus-Earth) reflections, an FFT analysis with an integration time of five minutes was used. After integrating for only two minutes, the reflected signals were clearly visible in the display. Despite the bad weather, signals from Venus could be detected from 1038UTC until the planet reached the local horizon. The high power amplifier (which is described in the current AMSAT-DL journal) has now passed this crucial test as a final key component for the planned P5-A Mars mission. By receiving generated echoes from Venus, the ground and command station for the Mars probe has been cleared for operational use and the AMSAT-Team is now gearing up for building the P5-A space probe.

The EVE experiment was repeated on Thursday, 26 March for several hours with good echoes from Venus. Morse code was used to transmit the well known 'HI' signature known from the AMSAT OSCAR satellites.



Mills on the Air

For the second year running, Cray Valley Radio Society will be activating GB6MW from Meopham Windmill, Meopham, Kent DA13 0QA, as part of National Mills weekend (9–10 May). The mill is set in an idyllic location next to the village green with its cricket, pubs and restaurants making it a prime location to showcase amateur radio to the visiting public. GB6MW will be active on HF and VHF hoping to better the 404 QSOs made in 2008 – while still ensuring plenty of members are on hand to explain amateur radio to visitors as they pass by the station to view the spectacular interior of the mill and its exhibits.



Swaziland DXpedition

David, G14FUM is planning a DXpedition to Swaziland in early August 2009. The object of the trip is to provide a ham radio station at an International scout camp near to Manzini with the callsign 3DAOSS. This callsign was first activated from Hawane Resort (near Mbabane) in October 2008 for Jamboree on the Air. A report on this operation was published in the January 2009 edition of *RadCom* and also reported in the world JOTA report.

He is looking for more members for the team. Anyone interested should e-mail David at g14fum@arrl.net.



SOTA Award

Nathan Nuttall, 2E0OCC (age 14), one of the junior members of Thornton Cleveleys ARS, has won first place in the SOTA Beams Challenge 2008. With the help of dad Brian, 2E0OYG, the determination of this young man to reach the top is amazing.

Nathan has achieved the goals he set with Ian Taylor, 2E0EDX (another very enthusiastic SOTA Challenger) and a good mentor to those involved in SOTA. Nathan would like to say a big thank you to all the members of the radio club and his mum, Jennifer, M6MIJ for their help in achieving this award. He made 40 summits, obtained the 100 SOTA activator award and was placed 3rd in the Summits Knowledgebase Personality of the Year.



Bletchley Events

Bletchley Park, home to the codebreakers of World War Two, has a range of events planned for 2009 that will interest everyone. The annual Polish Day on Sunday 19 July will celebrate the contribution made by Polish codebreakers who, 70 years ago, risked their lives to bring vital information about the German Enigma machine to Britain. This provided British codebreakers with the foundations that enabled them to conquer odds of 158 million, million, million to one to break the Enigma codes.

Celebrating vintage and military wireless and their role intercepting top secret German transmissions, the Wireless Waves event makes a welcome return on 1 and 2 August. There will also be a Lancaster flypast, courtesy of the Battle of Britain Memorial Flight.

On 5 and 6 September, there will be a unique display of Enigma machines and cipher equipment – the largest ever seen together in one place and many never before seen in public. The display coincides with the annual Enigma reunion weekend, during which visitors can mix with and meet men and women who worked at Bletchley Park during the war. The BMMF will again carry out a Lancaster flypast in tribute.

All these events are included in the price of Bletchley Park's annual £10 season ticket.

Full details at www.bletchleypark.org.uk.

South Yorks Microwaves

Following on from last year's successful Sheffield Microwaves, this UKμG sponsored event is to be hosted r by the Funningley Amateur Radio Club.

The event is being organised by Kevin Avery, G3AAF of Funningley ARC and Peter Day, G3PHO (UKμG Committee).

Programme details so far are:

Saturday: ATV workshop led by Peter Blakeborough, G3PYB (President of BATC), designed to prepare operators for the μWave/ATV Marathon on 26 July, in addition to helping those who may wish to take their first steps into microwave amateur television.

Sunday: Microwave Round Table will follow the familiar pattern of other UKμG Workshops with a Bring and Buy, Test Equipment, Antenna Test Range and an afternoon of lectures. If the weather allows, the Bring and Buy/flea market may be outdoors but, in the case of inclement weather, FARC has a very large shed that will easily accommodate everyone!

The organisers would appreciate hearing from those to hope to attend so they can estimate numbers. Please e-mail Peter, G3PHO at SYmicrowaves@g3pho.org.uk. More information is on the Funningley ARC website www.g0ghk.co.uk/table.php.

Boys Brigade on the Air



Following last year's Founding Weekend On Air when GB125 stations were set up to

commemorate 125 years of the Boys Brigade movement, six members of the Grimsby Battalion are taking the Foundation Course.

These members have shown a keen interest in repeating the Founding Weekend event and so are looking for other Battalions or Companies who wish to join them on air, possibly over the 1st weekend of October.

So if you were involved with Boys Brigade or you would be interested in helping your local Battalion or Company get on the air, check out the website www.andy-glassman.me.uk/fwoa.htm.

Wainwrights

Wainwrights On The Air (WOTA) is a new adventure radio programme for radio amateurs within reach of the English Lake District. Similar to the well-known Summits On The Air programme, the basic objectives are to 'collect' as many Lake District summits as possible, either by activating them (making contacts from the top) or by chasing them (making contacts with the activators.) The summits that count for points are the 214 mountains described by A. Wainwright in his *Pictorial Guides to the Lakeland Fells*, popularly known as 'The Wainwrights'.

WOTA will be managed by Julian Moss, G4ILO, who lives close to the Lake District in Cockermouth. Julian has developed a website to support participants in the scheme. He is sponsoring the 'Worked All Wainwrights' and 'Activated All Wainwrights' awards for participants who successfully work or activate all 214 Wainwright fells. Anyone who wishes to sponsor other WOTA awards should contact Julian. Only contacts made on or after 21 March 2009 may be counted for WOTA awards or league tables.

For more information, including the rules of WOTA, see the WOTA website www.wota.org.uk.

RAIBC Legacy

The RAIBC cares for the needs of disabled radio amateurs in a number of ways. These include loaning standard and modified receivers and transceivers to eligible disabled members, audio versions of the major radio magazines and the various licence course materials. All of this costs money. As a charity they are grateful for all the donations they receive. However, they have recently been left a large legacy in the will of Charles Bottoms, G4PIP. Mr Bottoms left the RAIBS more than £30,000 along with his own amateur radio equipment. A legacy of this size, especially in these uncertain times, enables the RAIBC to continue its work and care for disabled amateurs. The RAIBC is very grateful to G4PIP for thinking of them and to his family and solicitor for helping them through the process. However, please be assured that all donations big and small are gratefully received and wisely used. The RAIBC are always happy to accept donations of equipment, money, time and energy.

The RAIBC also has a new editor for their magazine Radial, Chris Pearson, MOJQR. If you would like to support the work of the RAIBC and get your hands on the latest issue of Radial please consider becoming a member or supporter. For more details visit their website at www.raibc.org.uk or telephone the free phone helpline on 08000 141743. The RAIBC is registered as charity number 80234.

Classic Malts Cruise



Hilton Willott, MWOOPS will be taking part in the Classic Malts Cruise organised by the World Cruising Club on his 39 foot sailing boat

Ocean Freedom. The dates of the cruise are from 11 to 24 July. The cruise begins at Oban, moves onto Talisker on Skye then to Lagavulin on Islay. At each of the distilleries, the participants of the cruise enjoy the hospitality of the distillery and have the opportunity of sampling three of the finest Malt Whiskies. The distance travelled on the cruise is about 200 miles so there is plenty of time to take in the spectacular scenery of the West Coast of Scotland. He will be QRV from the yacht at each of the three locations from as near the actual distillery as he can get. QSL cards, picturing the three distilleries and the yacht, will be available to any station that manages to contact him. In addition, each of the distilleries has generously given a bottle of their product as a prize to radio amateurs who achieve contacts at all three distilleries. Three winning call signs drawn at random will each receive a bottle of single malt whisky. The three malts are part of the Classic Malts Selection, www.malts.com.

Subject to the vagaries of the British weather, he will be at Oban on 11 and 12 July, at Talisker on 16th and 17th and at Lagavulin on 23 and 24 July. More details of the cruise and a detailed itinerary can be viewed at www.worldcruising.com/classicmalts-cruise. Hilton will be updating his QRZ.com entry to include some details of the cruise.



Mid Ulster ARC Trailer

The culmination of a year of hard work and careful planning has finally led to the Mid Ulster Amateur Radio Club, based in Lurgan, Co Armagh being granted an Awards for All funding package of £8813 for the promotion and education within amateur radio of young people through a mobile display trailer.

The club, founded in 1965 by a group of local amateurs, has for many years been promoting the hobby of amateur radio, with the result that many local events are attended by the club and its members, to allow the public an opportunity to see real radio operators in action on the airwaves.

On 7 March, the trailer was formally opened at Brownlow Resource Centre, Craigavon, by the local mayor of Craigavon, Sydney Anderson. The event, which was open to local Schools, Youth and Community groups, was an opportunity for visitors to see what the club could provide for their educational requirements. The club feels that the trailer will allow them to encourage and educate young people as to the significant benefits that all amateurs enjoy in the hobby and, hopefully, this display trailer will allow both the club and amateur radio to flourish within the 21st Century.



Geoparks

GB6GEO will be on the air from Torbay during the Geoparks Communication Weekend on 23 and 24 May. Other stations will be on the air from other UK Geoparks in England, Scotland, Wales and Northern Ireland as well as around the world.

There will be many other attractions at the Torbay Kent's Cavern site, such as cave radio, satellite communications and amateur TV. There will also be a number of scouting groups doing their communications badges and a chance to send greetings to other Geoparks. The event will be run by the combination of the Torbay Amateur Radio Society and the West Devon Radio Club.

The frequencies that will be used (\pm QRM) as often as possible will be 3.680, 7.080, 14.180, 21.180 and 28.480MHz and well as 2 and 6m. GB6GEO will be a 48 hour working station with SSB used during the day because of visitors to the station and CW during the night time hours. The Geoparks (headed by UNESCO) will be offering a commemorative basic radio amateur certificate for contacting Geopark stations. Full details appear on qrz.com under GB6GEO.

NEWS IN BRIEF

- The 8th Intermediate course run by the Chelmsford Amateur Radio Society will start at the end of April. The course will be held at the Danbury Village Hall near Chelmsford on Thursday evenings between 7 and 9pm from 30 April until 9 July. The exam will be held on 16 July. The course costs £65, which covers the room hire, project materials, Intermediate licence manual and the RSGB exam fee. Those interested should contact Clive, G1EUC on 01245 224577 or e-mail ARtraining@g0mwt.org.uk.
- The Glenrothes & District Radio Club now have their website up and running at www.gdarc.org.uk. The club will also be attending two local events, the Fife Police Gala on 6 and 7 June and the Thornton Gala on 1 August.
- The Summer 2009 edition of Broadcasts in English is now available from the British DX Club. It was compiled by Dave Kenny and includes details of all known international broadcasts in English on short wave and medium wave for Summer 2009 (A09 schedule period), as well as selected domestic English-language broadcasts on short wave. Copies are available at £2.50. Full details on the website www.bdx.org.uk.

Air Cadets

At the Garelochhead Army Training Camp over the weekend of 6 to 8 March they suffered rain, hail, gales, sleet and snow – indeed everything except sunshine. A total of 34 Air Training Corps Cadets from 49F Squadron Greenock, 122 Squadron Maryhill and 1777 Squadron Dumbarton travelled on Friday night to a wet and cold camp on the West Coast of Scotland near to the Clyde Submarine Base at Garelochhead. The Cadets were there to participate in first aid training, field craft, leadership, camouflage and concealment, plus they had to be given an appreciation of amateur radio and radio communications in general.



Cadet Freeman 49F Sqn & Cpl McLean 177 Sqn using the 70cm set in the Communications vehicle.

Barrie Spink, GMOKZX and Brian Burt, MM0GLX were there to set up an amateur radio station for training purposes. Barrie and Brian were a little bit better off than cadets since they only had to go out, erect and dismantle aerials in the inclement weather, the rest of the time they were in the warmth and comfort of the guard room. Brian owns a retired ex Sprinter ambulance that he has modified to use as a radio vehicle. This vehicle formed the communications command post.



Cpl Keast 49F Sqn on 2m.

The first problem was how to get the G5RV wire dipole up as high as possible. They overcame this by using a telegraph pole and throwing a rope over the top climbing rung with one end of the wire tied to it, the other end of the wire was then tied to the lanyard on the camp flag pole, a pull on the lanyard then raised up the aerial. Thankfully high

ranking officials were off camp and the flag had been removed.

The next problem was the VHF/UHF collinear aerial. The security barrier pole, which used a counterweight to stay in the vertical position, was utilised. Fortunately the camp has automatic security gates so the pole could be left in the raised position – this was cleared with the MOD police.



Instructor Barry Spink, Cdt Curry 122 Sqn and Cpl Whyton 122 Sqn on HF.

Because of the poor weather a lot of the outdoor radio activities had to be cut back. However, Brian and Barrie did manage to get the cadets wet showing them the antennas and setting up the satellite antenna on the communications vehicle.

The communications vehicle is fitted with two UHF portable transceivers and also a 2m amateur band transceiver in the cab. A satellite TV system with a digital decoder is also fitted in the vehicle as well as an HF Transworld radio communications transceiver. The cadets used this vehicle to communicate with six Cadets on camp who had passed the Foundation exam and held amateur radio licences. These cadets were issued with Motorola HT600 handheld radios and instructed to keep in contact with senior personnel during the weekend.



Brian Burt, 49F Sqn. Radio Instructor, with S-meter looking for satellite downlink.

A portable dish was used to demonstrate how to set up a satellite downlink. The Cadets were also shown how to use the directional

mini beam to direction find a station. The main station used the Lomond Radio Club's portable contest station, which was set up in the front office of the guardroom. Over the weekend 63 HF contacts were logged and 15 local VHF contacts – 53 UK, 1 NI, 4 Germany, 2 Slovenia, 1 France, 1 Channel Island and 1 Italy. While this may not seem a lot, much time was spent showing cadets how the station worked and how to operate the equipment. Indeed, the organisers would like to thank the other stations who were patient enough to converse with the cadets who wanted to send a few words of greeting using the special event station call sign GBOATC.



Cdt. Carswell 122 Sqn on HF.

The contact with GB80RAF was of special significance. GB80RAF, at RAF Bentley Priory, London, was the HQ of the Royal Observer Corps and Brian, MM0GLX had been a member.

It was a good radio weekend; hopefully the air cadets who participated learned some things about radio. Perhaps some other radio amateurs could be persuaded to help the cadets get radio qualifications, your reward would be the personal satisfaction of seeing young people get a good start in life and a stepping stone to a good career. If there had more adult staff they could do so much more. For more information on the Air Cadets see www.aircadets.org.

NEWS IN BRIEF

- The aim of the Carabinieri award is for amateurs and SWL around the world to contact as many Carabinieri On The Air members between 20 May at 0700 and 5 June at 1900. Using the 80, 40 and 20m bands with either SSB, CW, PSK31 or RTTY contact, you are allowed one contact a day for the same band/mode or member. For the official list of COTA amateurs as well as details of the points system and award that are available see www.cota.cc.

W2IHY competition

In the March *RadCom* we announced our grand W2IHY Competition. Thanks to the generosity of W2IHY we were able to offer an 8-Band Audio Equaliser, EQplus Audio Processor and iPlus Variable Attenuator, together worth some \$850.

The correct answers to the competition were 1-C, 2-D and 3-B. We had a huge response to this competition and are pleased to reveal the following winners, drawn at random from our bulging postbag.

The 8-band Audio Equaliser will be heading off to Callum Macloed, MM6AOK; the EQ Plus is going to C D Brown, GW4NQJ and the iPlus variable attenuator has been won by Sue Eyre, MOHUG.

CW QSO Party

The First Class CW Operators Club has a regular QSO party celebrating the memory of their Chairman Bill Windle, G8VG who steered the Club through difficult times in the 1950s and 60s. This event takes place twice a year in May and November. This year's dates are 23 May and 14 November and FOC is actively welcoming anybody at any speed to enter the event to promote CW across the bands.

The event runs for a 24 hour period from 0000 to 2359 on all bands excluding the WARC bands. Activity takes place around 25kHz up from the band edges.

Non members should send as a minimum RST and name and send the total number of FOC stations worked to K5ZD@aol.com along with any comments not later than a week after each event.

RadCom in ZL!

Recently Paul, ZL4AX was visiting Hamilton on New Zealand's North Island (to see Billy Connolly on tour) when he spotted the showroom in the photo. Many thanks!



Moonraker Winner

To celebrate the opening of their new showroom, Moonraker and Yaesu teamed up to offer a complete Yaesu radio set-up worth over £400. The prize includes an FT-7800E, Moonraker antennas and mounts and a Watson PSU. Every visitor to the showroom (who mentioned *RadCom*!) in the month of March was entered into the draw. Having visited Moonraker to report on the new showroom, *RadCom* went back to draw the winner. The first name 'out of the hat' was Tony Finley, G6RBK.

Wind Power

The StealthGen Wind Generator is a direct-drive wind generator, designed for a variety of microgeneration applications. It features a 3-phase alternator and computer-designed rotor blades optimised for low speed. This machine is efficient in low wind speeds, yet is capable of sustained power outputs of over 500 watts in higher winds. The StealthGen is available in 12, 24 or 150 volt grid-connect variant. Typical cost is around £875 including VAT, but not installation. www.stealthgen.com.



Updated Website

Icom UK has recently redeveloped its website (www.icomuk.co.uk) to provide customers with more user-friendly browsing and to improve its speed and functionality. New features include the latest Icom news via a brand new RSS news feed, all of Icom's products and related accessories can be viewed through the new linking service, better searching in the products and news section and better directions to the Icom UK Ltd HQ in the 'contact us' section.

NEWS IN BRIEF

- The Mid Ulster Amateur Radio Club will be hosting a rally on 9 May 09 at Brownlow Resource Centre, Craigavon, Co Armagh. More details are available at www.muarc.com, or e-mail the club secretary at cqmuarc@googlemail.com.

- Nigel Booth, MOCVO, is now QRV on 6m - the magic band. Having recently obtained a Microwave Modules 50MHz transverter and successfully built a Spectrum Communications RP6S station preamp, he is now looking for operators on this band. If anybody would be kind enough to contact him by e-mail or through his website - www.mocvo.tk - to arrange skeds it would be much appreciated.

- The AGM of the Ridgeway Repeater Group will be at the Lawn Community Centre, Guildford Avenue, Swindon, SN3 1LA on Wednesday 13 May, starting at 7.45pm. All those interested in the Swindon area VHF and UHF repeaters GB3WH, GB3TD, etc are welcome. See www.rrg.org.uk for more details.

AMTOR

In recent years, the use of the data mode AMTOR has declined. There must be hundreds of AMTOR-capable modems gather dust in the corners of radio shacks around the country. In an effort to encourage the use of AMTOR, a Tuesday activity evening has been set up on the 80m band by Dave, G4AON and Till, DK7TOR. Further details can be obtained from www.amtor.de.

New Tri-band Radio has 23cm

Alinco has recently announced details of the new DJ-G7e tri-band handheld radio covering 2m, 70cm and 1.2GHz. The radio has full duplex and wideband receive up to almost 1300MHz. There will be many applications for this radio from RAYNET to point to point communications as well as many VHF/UHF enthusiasts. The radio will cost £359.95 and the first delivery will be mid April. We hope to bring you a review in *RadCom* very soon. Details from www.nevada.co.uk.



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 May issue it was 1 April), while for GB2RS it's 10am on the Tuesday for the week of broadcast.

1 SCOTLAND SOUTH & WESTERN ISLES

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

COCKENZIE & PORT SETON ARC
Bob, GM4UYZ, 01875 811 723

- 1 Normal Club Night
- 8 1st 2m DF Hunt 6:30pm for 7pm
- 16 Scottish Parliament Special Event Weekend

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

- 13 Interrogative QTY?
- 27 AGM

2 SCOTLAND NORTH & NORTHERN ISLES

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

ABERDEEN ARS
Lewis, GM4AJR, 01224 575 663, www.aars.freereserve.co.uk

- 7 Junk Sale
- 14 Construction + On The Air
- 21 Club Equipment Maintenance
- 28 On the Air

KINGDOM ARS
Brian, MM0XBD, 01383 738905, mm0xbd@kars.org.uk

- 6 Club Shack Night
- 13 Shack Night
- 20 Effect of Ground on Antennas by GM3TAL
- 27 Shack Night

3 NORTH WEST

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

BOLTON WIRELESS CLUB
boltonwireless@gmail.com

- 11 D-STAR digital comms by G7LWT

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

- 5 Visit to Hack Green Secret Bunker
- 19 Urenco of Capenhurst by Peter Kilfoyle
- 26 CDRS Annual Dinner

MORECAMBE BAY ARS
Martin, MOZIF, 07852 200232, martin@mbars.internationalham.com

- 5 Social Evening
- 12 Junk Sale and Auction
- 19 Social Evening
- 26 Social Evening

SOUTH MANCHESTER R & CC
Ron, G3SVW, 0161 969 3999

- 7 Easy Access Amateur Licensing by G3SVW
- 14 X25 and use of DX clusters by G3RTU
- 21 Annual General Meeting
- 25 Monthly Technical Forum
- 28 Effective PowerPoint by G4UGM

STOCKPORT RS
David, M1ANT, 0161 456 7832

- 5 Preparing for NFD

THORNTON CLEVELYS ARS
John, G8RDP/M3RAE, 01253 876313, mail@tcars.org.uk

- 4 Natter night
- 11 Aerials by M3WAZ
- 18 DVD The Wellington Bomber with G4FRK
- 25 Field Day Discussion

4 NORTH EAST

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

ANGEL OF THE NORTH ARC
Nancy, G7UUR, 0191 477 0036, nancybone2001@yahoo.co.uk

- 4 No Meeting
- 9 Mills on the Air weekend event
- 11 On the Air Night
- 18 RAYNET with Geoff Darby
- 25 No Meeting

FINNINGLEY ARS
Colin, 2E0UBT, 0172 471 1686, www.g0ghk.co.uk

- 2 Santoft Trolleybus Museum Special Event
- 4 Spring Social and Barbecue
- 9 Weekend Beacon Project
- 12 Antenna Modelling with MMANA by G3VZE
- 23 Sandtoft Trolleybus Museum Weekend Event
- 30 Installation and Commissioning of Beacon Project

GOOLE R & ES
Ken, G6YYN, 01757 638539

- 6 On the Air Night
- 13 ARDF Competition
- 20 Natter Night
- 27 Committee Meeting

HALIFAX & DARS
Anthony Vinters, 01422 822636, tony@g0wfg.demon.co.uk

- 19 What have you made? A chance to show others your pet project

HORNSEA ARC
Gordon, G3W0V, 01377 240573, gmacnaughtwov@yahoo.co.uk

- 6 G3GBH Cup, Quiz v SARS at Hornsea
- 13 Activity Night, 80m CC Data
- 20 1st Foxhunt
- 21 80m CC CW
- 23 Open Day at the Clubhouse
- 27 Signal Generators by M0GAP

SHEFFIELD ARC
Mike, G0TKO, 01709 382479, www.sheffieldarc.org

- 4 Social Evening if HQ is open on May Holiday
- 10 Fault Finding talk by G3PHO
- 18 Home Construction Competition
- 25 Demonstration - Using a 'scope and other test gear

5 WEST MIDLANDS

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

BROMSGROVE & DARC
Chris, M0BQE, 01905 776 869, m0bqe@hotmail.com

- 1 RTTY/Data Modes
- 8 AGM
- 15 Looking at Different Rigs
- 22 Chat Evening
- 29 Hills on the Air

COVENTRY ARS
John, G8SEQ, 07958 777363

- 1 Bee Keeping by Simon King
- 8 Video Night
- 15 1st Round G4ZMC Trophy Cathiron Lane
- 22 Wine & Cheese Evening
- 29 Radio Workshop HF/VHF/UHF Operating 6m, 4m, satellites

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

- 4 Escarpment Crickley Hill Operating 2-4pm approx
- 11 General Natter Night/Workshop
- 18 Operating Club Equipment
- 25 Crickley Hill Escarpment Operating 2-4pm approx

MID-WARWICKSHIRE ARS
Bernard, M1AUK, 01926 420 913

- 12 Visit to Warwick Uni Comms Research Lab
- 26 PSK31 by M0RJG

STRATFORD UPON AVON DRS
Jack, G3VYE, 01926 641 988, g3vye@onetel.com

- 11 EGM/AGM & Surplus Sale
- 25 Spring Bank Holiday - Informal Meeting

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

- 6 Open House/On the air/Committee
- 13 Surplus Sale with G8UGL in the chair
- 20 ATV with G8VZT
- 27 TDARS/P in the field with HF & up

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

- 12 Club meeting - Talk & On the air
- 15 WRAA + VMARS Annual vintage military vehicle camp and family weekend

6 NORTH WALES

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

CONWY VALLEY ARC
Wynne, GW6PMC, 01745 855 068

- 6 DXpedition to 3B6, 7 and 3B9 DVD

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

- 2 Weekend event. Welsh Highland Railway Gala
- 7 Fire Alarm Technology by MW0VTK

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

- 5 Morse Session
- 19 RAYNET by Malcolm Bobby

7 SOUTH WALES

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

CHEPSTOW & DARS
Mike, GW3YKZ, 07825 987115

- 5 HF Radio Operation

8 NORTHERN IRELAND

REGIONAL REP: PETER LOWRIE, MI5JYK, MI5JYK@RSGB.ORG.UK

ANTRIM & DARS
Paul, M1OCUN, mi0cun@aol.com

- 8 Astronomy by Paul Evans

BANGOR & DARC
Mike, G14XF, 028 4277 2 383

- 7 Computer Logging by G14VIV

9 LONDON & THAMES VALLEY

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

AYLESBURY VALE RS
Roger, G3MEH, 01442 826 651

- 13 IT Networking by M0PSH
- 24 Exhibition station at Watermead fete

COULSDON ATS
Andy, G8JAC, g8jac@btinternet.com

- 11 Provisional date for DF Hunt

CRAY VALLEY RS
Bob, BR32525, 020 8265 7735 after 8pm

- 9 GB6MW Mills on the Air Weekend MOKSJ

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

- 26 A visit to the Mullard Space Science Lab

ECHELFORD ARS
John, G4GSC, 01784 451898

- 14 One man DXpeditioning by G4IRN
- 28 Bring & Buy and Natter Night

EDGWARE & DARS
Mike, G4RNW, 020 8950 0658

- 14 Setting up a Station
- 28 Building a Simple Circuit

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

- 27 AGM

READING & DARC
Pete, G8FRC, 01189 695 697

- 14 Talk by GOLHZ
- 28 Harwell Labs Part 2 by Nick Hance

SHEFFORD & DARS
David, G8UOD, 01234 742 757

- 7 New HF Data Modes by M5KVK
- 14 Face to Face (provisional)
- 21 DF Hunt Mobile
- 28 Talk out of a Hat (provisional)

SOUTHGATE ARC
David, M0XDS, david.sharp1@tesco.net

- 13 Radios on the Air

SURREY RADIO CONTACT CLUB
Ray, G4FFY, 020 8644 7589

- 11 Club Construction Evening

SUTTON & CHEAM RS

John, G0BWV, 020 8644 9945,
info@scrs.org.uk

21 AGM and Constructional Contest

VERULAM ARC

Ralph, 01923 265572, g1bsz@aol.com

19 Mid Herts Repeater Group Talk

WEY VALLEY ARG

www.weyvalleyarg.org.uk

1 WVARG AGM

15 Club Construction Contest

WIMBLEDON & DARS

Jim, M0CON, 020 8874 7456,

www.gx3wim.org.uk

8 VHF DF Contest

29 On the Air with GX3WIM

10 SOUTH & SOUTH EAST

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

BREDE STEAM ARS

Steve, 0142 720815, m0nuc@aol.com

2 At the bunker

5, 12, 19, 26

Operating from the shack

CRAWLEY ARC

John, G3VLH, 01342 714 402

27 D Star by G4ULF. Visitors welcome

FARNBOROUGH & DRS

Derek G30FA, mail@fdrs.org.uk,

www.fdrs.org.uk

13 An evening with G7BCS

27 Hernia cup - FDRS hosting event

HARWELL ARS

Malcolm, G8NRP, 01235 524844,
info@g3pia.org.uk

2 2-6pm Open Day at Rutherford

Appleton Lab

12 Inaugural Meeting at new Clubroom

HORNDEAN & DARC

Stuart, G0FYX, 023 9247 2846,

www.hdarc.co.uk

5 Natter night/social evening

26 Bring and Buy

HORSHAM ARC

www.harc.org.uk

7 QRP / Home Brew by G0UPL

14 Social, Royal Oak, Langhurst

28 Social, Royal Oak, Langhurst

ITCHEN VALLEY ARC

Quintin, M1ENU, 023 8078799,

qq2@soton.ac.uk

8 HamTests.co.uk by MOTZO

22 VP8YL DXpedition by Liz, M0ACL &

Brian, G0UKB

SOUTHDOWN ARS

John, G3DQY, 01424 424 319,

vaughdqy@aol.com

4 Discussion on for Polegate Windmill

9 Weekend Event Operating GB2PW

SWINDON & DARC

Den, M0ACM, 07810 317750,

www.sdarc.net

7 DF Hunt and Social Evening

14 Preparation for 144MHz Contest

21 Talk

28 Natter Night

TROWBRIDGE & DARC

Ian, G0GRI, 01225 864 698, E/W

6 Life and Work on Ascension Island by

G3ZVW

20 Natter Night

WORTHING & DARC

Roy, G4GPX, 01903 753 893

2 Worthing Museum SES GB2WM

6 Collectors Evening – Bring and Show

13 Planning for Windmills on the air

20 Dayton Hamvention Report by G4UDU

27 GX3WOR on the Air

11 SOUTH WEST & CHANNEL ISLANDS

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

BLACKMORE VALE ARS

Nick, G3NRH, bnperin@theiet.org,

www.radioclubs.net/bvars'

9 Mills On The Air weekend GB2SNM.

BRISTOL RSGB GROUP

Robin, G3TKF, 01225 420442

25 The 2nd Bath Buildathon Video 2009

CORNISH RAC

Ian, 01872 561 058

5 Committee Meeting

6 Possible outside Visit or Event

11 Sound Recording and Editing by

G3WKP

SOUTH BRISTOL ARC

Len, G4RZY, 01275 834 282

6 Morse Code Workshop

13 Survey of Shack Equipment

20 Summer Table Top Sale

27 OTA

TAUNTON & DARC

William, G3WNI, 01823 666 234,

g3wni@btinternet.com

6 TBA

13 Operating Club Station & Morse Class

20 Video

27 Digital Modes Evening

TORBAY ARS

Dave, G6FSP, g6fsp@tars.org.uk

1 Natter Night

8 Operating Night

15 Natter Night

22 Operating Night

29 Bee Keeping Talk

WEST DEVON RADIO CLUB

Jules, M1AGY, 01752291588

12 Natter Night

26 Field Day Preparation Night

12 EAST & EAST ANGLIA

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

BRAINTREE & DARS

John, M5AJB, 01787 460 947

4 Equipment Safety Testing Part 2/ Mills

planning

18 AGM

CHELMSFORD ARS

Martyn, G1EFL, 01245 469 008

5 Honey Bees and a Connection to

Amateur Radio by G3EDM

9 Weekend event. GB5SM from Stock

Windmill

HILDERSTONE R&EC

Mike, G4MIX, 07732 133230

8 CW Practice & HF aerial discussion

28 CW Practice and natter night

FELIXSTOWE & DARS

Paul, G4YQC, pjw@btinternet.com

4 No Meeting

10 National Mills Day, GB2WTM from

Woodbridge Tide Mill

HUNTINGDONSHIRE ARS

Gerald, G8AKL, 01487 740794,

www.hunts-hams.co.uk

14 Informal Evening

28 IOTA & IOTA Expeditions by G3ZAY

KING'S LYNN ARC

Ray, G3RSV, ral-g3rsv@supanet.com,

www.klarc.org.uk

7, 14, 21, 28

Club night and 2m club net

LEISTON ARC

Dave, G4HUP, 01473 737 717,

g4hup@btinternet.com

5 GDO's, Wavemeters and Frequency

Counters

NORFOLK ARC

Mark, GOLGJ, 01362 691099,

narc@g0lgj.co.uk

6 Visit from Ian Lockyer of Icom UK

13 Informal / Construction / Workshop

20 AGM

27 Informal / Workshop / Bright Sparks

PETERBOROUGH & DARC

David Howlett, MOVVG,

padarc@tesco.net

27 Matters Digital by G4HPW and G8XLH

SOUTH ESSEX ARS

southessex.ars@btinternet.com,

www.southessex.ars.btinternet.co.uk

9 Rayleigh Windmill (GB2RWM)

13 Station on the Air

13 EAST MIDLANDS

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

DERBY & DARS

Richard Buckby, radio@dadars.org.uk

5 Junk Sale

12 Committee Meeting

19 The VO2A Expedition to Labrador by

G3OCA

25 Night on the Air

HUCKNALL ROLLS ROYCE ARC

Dave, G1YAI, webmaster@hrrarc.com

1, 8, 15

General Club Meeting

7 Fox Hunt, 2nd of 7

22 Member's Club Forum at 8.30pm

29 Member's Quiz Night' 8.30pm

LINCOLN SHORT WAVE CLUB

Pam Rose, 01427 788356,

pamelagrose@tiscali.co.uk

6 Natter Night and Night on the Air

13 Contest Software by G4ARU

20 Natter Night and Night on the Air

27 Green Radios by MOGSJ

LOUGHBOROUGH & DARC

Chris, G1ETZ, 01509 504 319

5 Computer Clinic

12 First 2m DF of 2009

19 Soldering On by G7SEG

26 Practical Evening

MELTON MOWBRAY ARS

Geoff, G3STG, 01664 480 733,

g3stg@btinternet.com

15 Annual Construction Contest

SOUTH NORMANTON ALFRETON & DARC

A J Highton, 2E1GWO, 01773 783658

4 Club Closed - Bank Holiday

11 Fox Hunt

18 Junk Sale

25 Club Closed - Bank Holiday

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@rs.gb.org.uk.

- Barry, G4CTU is looking for a manual for a Heathkit IM-28U VTVM. Any help in finding one would be appreciated and all costs reimbursed. Barry G4CTU on 01562 823966 or barry@bhitchins.wanadoo.co.uk.

- Does anyone have experience of HF and AF instability problems on Lowe HF-225 receivers? At turn-on the receivers exhibit a rasping hiss that drifts across the receiving passband and the AF oscillates a low frequency when the volume is turned up. Any help would be appreciated. D J Goacher, G3LLZ n 01793 828188.

- G8PHA would like to buy or borrow, or have someone photocopy, parts of the Radio Communication handbook 9th edition 2007. It will enable him to work on an article in the January issue of RadCom. Graham 01983 611428. All costs will be reimbursed.

- Can anyone help please? G3TLI is looking for the first IF transformer of a BC455, 6 to 9MHz Rx. G3TLI QTHR.

**SOUTH NOTTS ARC**

Terry, M0RIA, www.radioclubs.net/snarc

2 Foundation Theory Weekend

and Exam

6 Construction Project G4EDX

9 Weekend event. Mills on the Air

GB2GG

13 Coffee and QSL Cards

20 Linux and Amateur Radio 2EOXIK

29 Open Forum (members only)

WELLAND VALLEY ARS

Simon G8PAN, 07977 266643

swd@phasor-design.uk.com

18 Discussion on Problem Solving