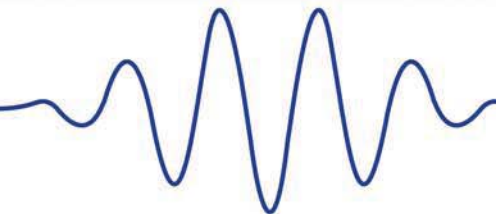




Radio Society of Great Britain

Advancing amateur radio since 1913



Affiliated Clubs Newsletter

September 2017



The newsletter is sent to affiliated clubs every month
It contains RSGB Matters, News and Around Your Region from RadCom
Send details of your club news and events to radcom@rsgb.org.uk
Post your event on the RSGB website by logging in at rsgb.org/members

Contents

September 2017

News and Reports

| | |
|---|----|
| Around Your Region – Club events calendar | 86 |
| Around Your Region – Events roundup | 91 |
| New products | 15 |
| News | 12 |
| RSGB Matters | 6 |

Regulars

| | |
|-----------------------------------|-----|
| Advertisers index | 97 |
| Antennas, Mike Parkin, G0JMI | 28 |
| ATV, Dave Crump, G8GKQ | 84 |
| GHz bands, Dr John Worsnop, G4BAO | 76 |
| HF, Martin Atherton, G3ZAY | 70 |
| Members' ads | 98 |
| Propagation, Gwyn Williams, G4KFH | 81 |
| Rallies & events | 100 |
| Sport radio, Steve White, G3ZVW | 36 |
| The last word | 101 |
| VHF / UHF, Richard Staples, G4HGI | 73 |

Reviews

| | |
|--|----|
| bhi ParaPro EQ20-DSP noise reduction filter, Mike Richards, G4WNC | 22 |
| Book review | 59 |
| FoxRex 3500 ARDF receiver, Bob Titterington, G3ORY | 64 |
| TowerMate tilt plate, Steve Nichols, GOKYA | 78 |



RadCom THE RADIO SOCIETY OF GREAT BRITAIN'S MEMBERS' MAGAZINE

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Technical Features

| | |
|--|----|
| Audio splitter, Glenn Loake, G0GBI | 62 |
| Design notes, Andy Talbot, G4JNT | 44 |
| Forgotten antenna lore – and some common myths Bruce Edwards, G3WCE | 32 |
| Homebrew, Eamon Skelton, EI9GQ | 18 |

Features

| | |
|---|----|
| Ham Radio at Friedrichshafen 2017 | 17 |
| HB0/GM4UYE Liechtenstein DXpedition, Billy McFarland, GM00BX | 60 |
| Helping to make YOTA 2017 a success | 48 |
| RSGB Convention | 46 |
| 80th Commonwealth Contest 2017, Bob Whelan, G3PJT | 56 |



Cover image: The FoxRex 3500 80m amateur radio direction finding (ARDF) receiver.
Image by Bob Titterington, G3ORY.

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RadCom Basics for Members new to the hobby can be found at www.rsgb.org/radcom-basics/



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www.facebook.com/theRSGB

Diversity in amateur radio

What was your earliest encounter with amateur radio? There are probably almost as many stories as there are RSGB Members. Perhaps it was early contact with your local club. I remember looking mine up in the *RSGB Bulletin* (yes, I know!) and going to a meeting. Fortunately, I was already nuts about radio or that meeting might have been the end. No one spoke to me. No one even offered me a coffee. Nothing much seemed to be going on. The meeting was in a gloomy community hall that smelled of disinfectant. I didn't go back and the experience has stayed with me. I hope this doesn't ring a bell – but it might!

We all know it doesn't have to be like that and fortunately I had already met amateurs prepared to welcome me with great generosity and humour. There seemed to be another virtual 'club' – amateurs bound together by their passion for radio. They shared knowledge willingly and were prepared to lend you almost anything. They wanted to do things! How do we re-boot that spirit?

In our RSGB Strategy 2022, with strong Member support, we want to encourage far greater diversity in amateur radio. Diversity in terms of Membership – not just for ageing white males like me! Better access for all – especially young people, minority groups and those living with disabilities. We also need diversity in our activities. Amateur radio is a scientific service – just look at its history. The youthful enthusiasts of today could well be the inventors and entrepreneurs of the future – but only if amateur radio is seen as a test bed for ideas and innovation. Whatever our age, amateur radio is also an important part of personal fulfilment through life-long learning.

Where do clubs come into this? There are about 500 clubs affiliated to the RSGB. They remain an important feature of the service – even in these days of changed social habits. Some great things going on in clubs across the UK. There are specialist groups for particular enthusiasms – such as microwave operation, low power working, contesting, building things – the list goes on. Legacy Funding has recently been given to groups working on construction projects with young people. Some clubs are hardly recognisable as such. Suffolk RED and Essex Skills Night are just two examples and exist to bring together people from neighbouring clubs to share and enjoy innovation and activity. Groups meet in pubs or for breakfast – and of course there is the internet. There are also other quite traditional clubs that are simply all-round successful!

Sharing these good ideas already goes on locally but I feel we should do more. That is one reason why I have been visiting clubs to see ideas in action. Please try to help. There will be a forum at the Convention in October to offer my findings so far and then discuss openly how best to take things forward. Please come – and also contact me if you have some really innovative ideas to share (president@rsgb.org.uk). It's about the future.

Nick Henwood, G3RWF
RSGB President

Beacon News

The Orkney 5MHz beacon, GB3ORK, is back on air on 5290kHz after repairs and an upgrade by Andy, G4JNT. Its new synthesiser now transmits JT9A, in addition to the original sequence of stepped power levels.

On 50MHz, the Mid-Cornwall Beacon, GB3MCB, has been reconfigured to join the IARU Region 1 Synchronised Beacon Program. It sequentially transmits on its new frequencies of 50.005 and 50.443MHz, sending both CW and the PI4 digital mode. For the shared 50.005 frequency, its callsign is modified to GB3MCB/S to assist reception reports.

Did you hear?

The Russian satellite *Sputnik 1* was launched 60 years ago in October. Did you hear its beeping signal in Morse code at any point during its orbits of Earth? Radio amateurs played a major role in confirming reception of the satellite's QRPP signal. Tell us about your Sputnik experience and we'll pass the details on to those who are compiling information of this historic event (email radcom@rsgb.org.uk).

RSGB Contest Club

The RSGB Contest Club was a new initiative in 2016 that provides a group for RSGB Members who wish to participate in RSGB Affiliated Society contests but are not currently members of clubs that take part. The Club currently has 25 members with a varying level of entry to the contests. If you are an RSGB Member and would like to join the RSGB Contest Club please send an email with your RSGB Membership number to ContestClub@rsgbcc.org

GB2RS newsreader retires

Phillip Brooks, G4NZQ has been looking after the GB2RS news service in Norwich since 20 November 1994, which makes it almost 23 years of news reading. Together with support from the local stand-in news readers, he has provided an unbroken service over that period. Phillip has decided it is time to retire, although the others in the team, David, G7URP, Roger, G3LDI and Mike, G4DYC are going to keep the service going, probably on a rota basis.

The RSGB would like to thank Phillip for his many years of service to GB2RS and has recognised this commitment with a Certificate of Appreciation.

Microwave news

Ofcom has issued a statement confirming the technical parameters for the extension of Wi-Fi in the 5.7GHz amateur band. Following extensive inputs, the RSGB welcomes the conservative approach that Ofcom are taking and look forward to the low power and indoor restrictions being properly enforced. The new regulations were effective from 7 August. Details are at <https://tinyurl.com/y8cdwoy5>

Ofcom has also confirmed the final details for their forthcoming auction of 2.3 and 3.4GHz spectrum that was removed from amateur radio use as part of the 2014 Licence Review. The auction documents include an information memorandum with considerable detail of amateur and Primary User usage in these bands. See <https://tinyurl.com/y9fyvnyf> for full information.

International Amateur Radio Union (IARU)

We all know about the importance of the radio spectrum in modern life – or should do! The amateur radio service has to compete with many other users and potential users. The International Amateur Radio Union (IARU), of which the RSGB is a member, provides a vital strong voice in negotiations about such important worldwide issue as frequency allocation and use, band plans, spectrum pollution and the future of the amateur service. The UK is in IARU Region 1 – comprising Europe, Middle East, Africa and North Asia. Frankly, without a world voice, the amateur service would struggle to survive. In September our delegation, all volunteers, will be attending the Region 1 Conference in Germany.

At the Friedrichshafen Ham Radio Fair the Regional President, Don Beattie, G3BJ, set out the current challenges for the IARU. His speech is available in full on the RSGB website (see www.rsgb.org/iaru-speech). This is a short summary.

Amateur radio needs to work hard to maintain its privileged spectrum access in the face of strong competition from commercial, civil and military users. Decisions are taken at World Radio Conferences which are preceded by much preparatory work by the RTOs (Regional Telecommunications Organisations – CEPT for Europe). RTOs rely greatly on national spectrum regulators (Ofcom for the UK). The next World conference is in 2019 and work began in early 2016 in IARU.

The IARU and its volunteers comprise the only amateur radio organisation that has access to the ITU and all RTOs.

Spectrum retention is one core challenge for amateur radio. A second critical area is spectrum protection. There is growing awareness of the problems of electrical interference and intruders. The IARU seeks to influence international standards organisations considering emission standards for electrical and electronic devices. Current issues include solar photo-voltaic generators, wind generators, digital devices, VDSL+ and wireless power transfer. Too often levels of market surveillance are low and products arrive in the market with self-certification. Concern is growing about our ability to maintain a usable radio spectrum in suburban Europe.

Two other important areas are intruder monitoring and band planning to ensure effective use of the spectrum. With 167 member societies, the IARU is uniquely placed for such work.

These issues are vital for the future of amateur radio. Member societies and individuals are always needed to help the IARU's small volunteer band of 'very capable people'.



G6XX callsign returns to RSGB

After 90 years we are extremely pleased to be able to reuse this historic callsign on behalf of the Radio Society of Great Britain.

The callsign 6XX was first held by the RSGB in the 1920s and was used in transatlantic tests with a special permit to use an input power of 1kW. This was before the prefix 'G' was added to callsigns in England, so G-6XX was used. In the early 1930s G6XX was held briefly by George Lionel Seymour Dawson-Damer, Viscount Carlow. He was a flamboyant and gifted individual who was a close friend of T E Lawrence (Lawrence of Arabia); he was one of few friends to visit Lawrence in his last days after his infamous motorcycle accident.

In 1935, G6XX (now with the G prefix) was issued to Don Scarr of Howden in Yorkshire. Don was a DX enthusiast and he continued to hold the callsign until his death in the 1980s. He was frequently mentioned in *Shortwave Magazine*. The Goole Radio & Electronics Society has memories of Don and the homebrew tower that he had in his garden.

Now that G6XX has eventually returned to its original holders we aim to use this historic callsign to raise the profile of contesting within the RSGB and to represent the RSGB in international contesting. It is now held as a club callsign by the RSGB Contest Club, which is an RSGB Affiliated Society within the RSGB, officiated by the Chairs of the three RSGB Contest committees.

We welcome proposals from RSGB Members for use of the callsign, particularly in multi-operator contest stations or in the context of training newcomers to amateur radio contesting. Please keep a lookout for G6XX on the bands and give us a call.



Fig. 1. A general view of the interior of British amateur radio transmitting station G6XX. A. E. Trisham, the chief operator, is at the key. This station is located at Sharncliffe Road, London, and was erected in a room leased by the Dabblers Condenser Co. Ltd. A special permit has been granted to use an input power of one kilowatt.

RSGB AGM 2018

The 91st RSGB AGM will be on 21 April 2018 in Birmingham. Details, including the Calling Notice, will appear in the April 2018 edition of *RadCom*.

EMC errata

An item in August 2017 EMC stated that the Rampion offshore wind farm in the English Channel will use high voltage DC (HVDC) transmission with AC-DC converter stations. This particular wind farm will actually use high voltage AC transmission all the way, with conventional AC substations, so there are no potential EMC issues with the onshore substation. Nevertheless, other onshore HVDC converter stations for offshore wind farms are under construction and it is planned to include further details in a future *RadCom* EMC Column.



Club of the Year



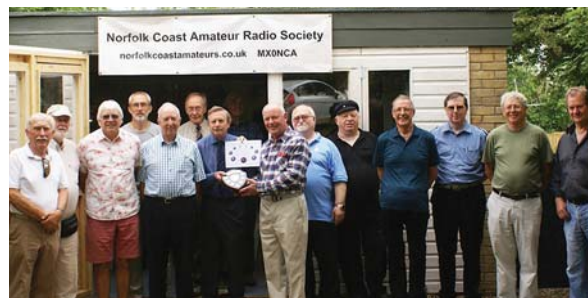
Region 12 Manager Keith, G3WRO presented Loughton & Epping Forest ARS with the Regional Club of the Year Award. Keith was joined by Jeff Stanton, G6XYU from Walters & Stanton and District 123 DRM Peter, G0DZB.



Stockport Radio Society has recently received the Region 3 Large Club of the Year award from Dave Wilson, MOOBW DRM33. Receiving the award were Tony, MOSAV and Heather, M6HNS.



RM13, Jim Stevenson, G0EJQ presented the R13 Club of the Year award to Worksop ARS. The two Regional representatives for YOTA were in attendance, Kane, M6JQC and Courtney, M6JPV.



RM12 Keith, G3WRO presented the Club of the Year Trophy (small club) to Norfolk Coast ARS. He presented the trophy to Phil, G4PQP.

International amateur radio

RSGB volunteers contribute to the development of international amateur radio within Region 1 of the International Amateur Radio Union (IARU). Some volunteers also work directly with the IARU. This vital work goes on largely unseen but is essential in ensuring the amateur radio voice is heard, especially in Regional telecommunication organisations, the International Telecommunications Union and international standards organisations.

The RSGB wishes to ensure that it can continue to support the important work in this area, and is looking for additional people with the appropriate capabilities. Essentially, if you have some prior knowledge and experience of spectrum management or EMC issues and also have well-developed political and diplomacy skills, you could be the ideal person. We also welcome expressions of interest from people who feel they could develop these skills and are interested in this important area of RSGB and IARU work. For more information see www.rsgb.org/iaru-volunteer

If you feel you could make a contribution to this work and would like to explore what it might mean, please contact RSGB General Manager Steve Thomas, M1ACB via email to gm.dept@rsgb.org.uk

G4DCV appointed as TEC Chair

Paul Whatton, G4DCV has been appointed as Chair of the RSGB's Technical and Educational Committee (TEC). Paul previously held the post of Vice Chair within TEC and is the Project Leader for the Train the Trainers scheme, which recently trained its 200th tutor.

First licensed in 1972 as G8FUR, Paul is a member of Windmill Contest Group and enjoys activating a number of special event stations. Although mainly a 2m SSB, CW and digital modes operator, he can also be found on HF and has a keen interest in home construction.

By profession Paul is a Senior Lecturer in Film Production for the University for the Creative Arts in Farnham and has used his professional skills to good effect by assisting the Society with a number of its amateur radio videos and vlogs.

Club Contests Autumn Series

We now have the rules for the Autumn Series of introductory Club Contests published on the RSGB HF contests website. These can be found from the RSGB HF Calendar page at www.rsgbcc.org/hf/. Many of the ideas for these contests were suggested by contesters and then the specific rules were chosen in a Survey held earlier in the year. These include many features that are designed to encourage newcomers so please discuss in your radio clubs how you might use this series of contests for mentoring new contesters. Although the rules are similar to the 80m Club Championships, there are some subtle differences, so you should check out the new rules before entering.

The dates are September 11 – SSB, 20 – CW, 28 – Data. October 9 – CW, 18 – Data, 26 – SSB. November 13 – Data, 22 – SSB, 30 – CW.

If you have any questions about this series please e-mail hf.query@rsgbcc.org.

Examination Group changes

Alan Betts, G0HIQ has recently chosen to step down from his long-standing and much-valued role as Chair of the Examination Group. He will continue as part of the Group and to contribute to the examination system in numerous ways, not least being the lead tutor at his local amateur radio group.

Alan first became involved with the amateur radio Exams Committee at its inception in 2001 when he was working for the Radiocommunications Agency (Ofcom's forerunner), responsible for amateur, marine and aeronautical licensing. On retirement from full-time work in 2006, Alan's voluntary roles with the RSGB expanded and he became the Chief Examiner for the RCF and Chair of the RSGB Examinations Committee, a position he has held since.

Although the Exams Committee was initially formed to develop the Foundation exam and licence, as RSGB and Ofcom re-shaped the licensing structure and City and Guilds withdrew from amateur radio, the Exams Group developed the syllabus and exam for the new Intermediate and Advanced levels.

The RSGB thanks Alan for his 15 years as Chairman and the incalculable help he has provided in shaping the Foundation, Intermediate and Advanced exams. He has made amateur radio an accessible hobby for thousands of people and we look forward to benefitting further from his experience in the future.

60m news

The Philippines Telecom Regulator has permitted access to the new WRC-15 Amateur Secondary 60m allocation of 5351.5 – 5366.5kHz under ITU footnote 5.133B, with a maximum power limit of 15W EIRP.

The new Belize Amateur Radio Club (BARC) website carries information that the new WRC-15 Amateur Secondary 60m allocation of 5351.5 – 5366.5kHz has become available with a maximum power limit of 25W EIRP.

The Cyprus telecom regulator issued a Gazette notice on 30 June updating the national frequency table to include the new WRC-15 Amateur Secondary 60m allocation of 5351.5 – 5366.5kHz with a maximum power limit of 15W EIRP and also the Amateur Secondary MF allocation of 472 -479kHz with a maximum power limit of 1W EIRP.

Want to help review the latest gear for *RadCom*?

We are looking to augment our existing group of authors to test new amateur radio equipment and write *RadCom* reviews. These articles cover anything from dipole antennas onwards and vary from a one-page impression of a handheld to a five or six page in-depth look at a larger piece of equipment. You may need to have access to suitable test equipment to check the performance of some equipment, ranging from power output to sensitivity, phase noise and IP3 measurements, for example.

All reviews will be on a commissioned basis, with equipment normally coming straight from the manufacturer or distributor. The scope and length of the article will normally be agreed at the outset, as will the deadline and fee we'll pay. You'll need to have a good 'feel' for radios and the ability to write reasonably well, but we will give you as much editorial support as needed.

If this is something you might be interested in, please email radcom@rsgb.org.uk with your basic details and phone number so that we can discuss how best to proceed.

146-147MHz Digital TV progress

Slides and video are now available on the Ofcom website from the latest RSGB/BATC Presentation at Ofcom's Business Radio Interest Group (BRIG) held on 30 June. Ongoing advances in Reduced Bandwidth TV by radio amateurs at 146-147MHz were presented by VHF Manager John Regnault, G4SWX. The video clip shows robust reception of colour digital video transmissions over 15km on 146.5MHz with a reduced bandwidth of 470kHz.

See <http://tinyurl.com/yczf4248> for more information.

DRM132 volunteer vacancy

A vacancy has arisen for a Deputy Regional Manager in District 132, the South Nottinghamshire South Derbyshire area of Region 13. If you are an RSGB Member who resides in or around that area and are interested in finding out more about this role, please contact the Regional Manager, Jim, G0EJQ by email to rm13@rsgb.org.uk

G5RP trophy

The G5RP Trophy is an annual award to encourage newcomers to HF DXing. The award is not limited to youngsters or the newly-licensed; it is open to anyone who has recently discovered and made significant progress in HF DXing. If you are an established HF DXer and want to recommend someone to be awarded the G5RP Trophy for 2017, now is the time to send in your nomination. Your nominee should be an up-and-coming HF DXer who has made rapid progress in the last year and has some real achievements to show, for example, a good total of new countries worked or some serious HF DXpedition activity. This prestigious award will be presented this year at the RSGB Convention in October.

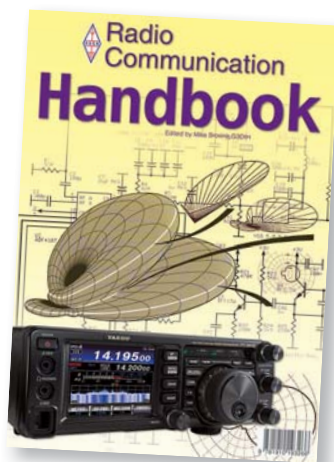
Please send your nominations to Ian Greenshields, G4FSU, QTHR, or by e-mail to ian.greenshields@gmail.com to arrive no later than 15 September.

RSGB Convention Satellites lecture online

The latest 2016 RSGB Convention lecture to be added to the RSGB Members' area is *The new world of amateur satellites* by Graham Shirville, G3VZV. You'll find this, other convention lectures and a host of other exciting videos in the RSGB video portal at www.rsgb.org/video. The 2016 Convention lectures are a Members' benefit, but the other videos are available for anyone to view.

Authors & Editors Wanted

Could you write a book? Or edit several articles into a book? If you think you could, then the RSGB would like to hear from you as we are currently looking for new book authors and editors. We are particularly looking for those who have something to offer in the Raspberry Pi, Arduino and other new technologies. However we also need help with VHF/UHF projects and would also like to hear from those with experience in HF, construction and antennas. We are also looking for those who have experience of Apps and much more so whatever your skills we would like to hear from you. Whilst we are looking to hear your concept for a new RSGB publication we also have a number of our own ideas for new titles and are keen to appoint amateurs to write or edit these for us. If you would just like to find out more about becoming a published author or editor with the RSGB please send an email to authors@rsgb.org.uk and we will send you further information about writing for us.



QSL Matters

This month, sub managers MOA, Des Heard MBE, G6YEK and MOC, Rod Ashman, G4JVJ are retiring. Also stepping down due to group consolidations is G4Y-Z manager, Tony Roberts, G4ZIB. Tony has been an extremely active volunteer for 11+ years. We thank them all for their long-term support of the society and for their consistent and excellent service to the Membership.

Roy, MORRV, sub manager for M1, M3 & M6 tells us that this year he has sent 134 emails asking Members to collect their cards, or send him envelopes. Only 36 responded and amongst them he has envelopes with no call signs, no delivery addresses, no return address on the outer envelope and some with no stamps! We would urge all Members to keep all their calls, email addresses and contact details up to date on the RSGB database (you can phone or do it online) to allow our team of volunteers to support the Membership.

Finally, are you holidaying in another UK prefix area this summer? Please remember to visit the QSL sub-managers listings on the website and deposit at least one collection envelope in the area you're visiting. It will avoid the need to give out 'via' information on the air and it will make our volunteers' jobs much more rewarding.

Ofcom guidance notes

Ofcom have updated their guidance notes relating to the UK Amateur Radio Licence. The new edition dated July-2017, replaces the previous April-2016 version and includes changes associated with the introduction of the new Ofcom online licensing system last summer. The document should be read in conjunction with the licence, and is intended to help licensees understand and comply with the licence terms and conditions.

It can be downloaded from the Ofcom website (26-page/240KB PDF) <https://tinyurl.com/y7eeshkr>.

Links to the Ofcom guidance and additional resources are also available from the RSGB website at <https://tinyurl.com/y9ohlbrz>

Congratulations

To the following Members whom our records show as having reached 50, 60 and 70 years' continuous Membership of the RSGB.

| | | |
|----------------|-------|----------------|
| 70 years | | |
| Mr P W Bowles | G3ECM | Mr DJ Penny |
| Mr B W Legrys | G3GOT | Mr J Juleff |
| | | G3PEN |
| | | G4MXU |
| 60 years | | |
| Mr C H Evans | G3LUO | Mr J K Harding |
| Mr F Griffiths | G3MED | Hereford ARS |
| Mr K Ashcroft | G3MSW | Mr D Whalley |
| Mr M E Slater | G3NML | Mr W D Green |
| | | Mr D Pratt |
| | | G3XFL |
| | | G3YDD |
| | | G4EIX |
| | | M5AGW |
| | | G8KPY |

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.

| | | | | |
|-------------------------|---------------------------|-----------------------------|--------------------------|------------------------|
| Mr L Stamper, 2E0DNW | Mr H Bartz, DL7UKT | Mr H Lennertz, M0IHT | Mr P Cooke, M6NLX | Mr P Rea, RS313487 |
| Mr C Panaitescu, 2E0IPL | Mr S Rees, G0GPN | Mr M Salt, M0UMS | Master O Petheu, M6OPU | Mr D Jones, RS313496 |
| Ms J Atkinson, 2E0SVN | Mr M Cooper, G0SVZ | Mr T Weston, M0WTJ | Mr R Hankinson, M6PZT | Mr M Pott, RS313522 |
| Mr T Prince, 2E0TPR | Mr H Common, G3HRL | Master J Fitzpatrick, M3IQM | Mr G Buxton, M6VOV | Mr L Cooper, RS313526 |
| Mr U Munir, 2E0UMR | Mr J McMahon, G4KVD | Mr G Mears, M3PIA | Mr M Smith, M6WMS | Mr P Haywood, RS313579 |
| Mr K Davies, 2E0VKB | Mr J Coupe, G4NRO | Mr P Marshall, M6EHR | Mr B Kuttikkate, M6WVI | Mr J McEwan, RS313668 |
| Mr D Blackburn, 2E0VMO | Mr C Thomas, G4ZCT | Mr A Hateley, M6DYR | Mr R Curtis, M6YRC | Mr A Heyes, RS313694 |
| Mr K Mitchell, 2I0KFM | Mr G Trudgill, G7MVX | Mr L Guy, M6HHV | Mr H E Taylor, M6YTX | Mr R Morgan, RS313710 |
| Mr A Ulyatt, 2W0ULY | Mr J Ledbury, G7VYL | Mr L Boylan, M6ISQ | Mr J Davidson, M0IKF | Mr T Carroll, RS313714 |
| Mr D Aldis, AA6HO | Mr D Evans, G8POI | Mr J Hansford, M6JHX | Mr S Cummings, MM6JVQ | Mr C Butcher, RS313753 |
| Mr F Fina, AC2IK | Mr J Kreft, G8PVB | Mr P Reeves, M6JPQ | Mr T Weir, MM6XTW | Mr P Brucher, RS313763 |
| Mr D Fifield, AD6A | Mr J Smith, GU7DAI | Mr C Morrison, HB9HFB | Mr L Nunnelle, N6QKP | Mr B Murphy, RS313782 |
| Mr D Kozel, AG6PO | Mr R Meneghini, IK3TCH | Mr J de Vantier, M6JRK | Mr A F Hansen, OZ3AAA | Mr D Szymanski, SQ6EMM |
| Mr T Groves, AG7ES | Mr J May, K6MAY | Mr P Smythe, M6JVV | Mr T Gallagher, RS313389 | Mr B Barksdale, W0CBB |
| Mr P Sadowski, AH6LS | Mr D Fannin, KK6DF | Miss S Dagger, M6LHY | Mr R Cichocki, RS313404 | |
| Mr L Parente, CT2ERT | Mr J I Recabeitia, LU8ARI | Master F Petheu, M6LXF | Mr C Grech, RS313473 | |
| Mr A Tibus, DK2WT | | | Mr M Stevenson, RS313483 | |

The RSGB would like to welcome back the following Members who have rejoined the Society.

| | | | | |
|-----------------------|------------------------------|-------------------------|-------------------------|------------------------|
| Mr D Jacobs, 2E0DFJ | Mr C Witson, G0KIJ | Mr D A Johnson, G4DPZ | Mr R J Ashberry, G6RTM | Mr F Brunt, M0FCB |
| Mr D Humphrey, 2E0DGH | Mr L J Jenkins, G0LTG | Mr J F Fitzwater, G4HVO | Mr R Webb, G6TXH | Mr M Hotchin, M0HOM |
| Mr J Lugsden, 2E0JFL | Mr T Chapman, G0OOD | Mr M W Pitt, G4KPM | Mr J S Smith, G7MUN | Mr M G Hopewell, M0XMH |
| Ms A Bate, 2E0LMD | Mr L Baker, G0TEO | Mr G A Hooker, G4OEM | Mr P Thackeray, G8YZL | Mrs R Sanders, M1AYG |
| Mr J Grint, 2E0PPO | Mr G Mann, G0VHH | Mr B Millican, G4OFA | Mr J H Stronach, G13LQY | Mr S Mathew, M6VWN |
| Mr R Tuffin, 2E0TES | Mr R S Coleman, G0WYD | Mr C N Wilson, G4VZV | Mr L Robinson, G14NSS | W J Niessen, PA2PIM |
| Mr J M Stubbs, 2W0SCT | Mr P Walker, G1OVA | Mr A Chidwick, G4XDW | Mr S Brennan, GW3ZXI | |
| Mr A Green, EI3HG | Mr B Leonard, G3ZHT | Mr M G Nixon, G6ADP | Mr R Merritt, KC2ORX | |
| Mr D Baker, G0GWL | Professor D M Jackson, G4DKR | Mr P Booth, G6FZU | Mr B Parsons, M0COG | |

New 23cm Tropo record

Terry, MOVRL (IO70PO) reports that on 14 July he completed a QSO of 2662km with Pedro, EA8AVI (IL28FC) in the Canary Islands that breaks the UK and IARU Region 1 23cm tropo records. Terry runs an Icom IC-910X, a Gemini 23 power amp and a 67 element Wimo Yagi. Pedro runs an IC-910X to a 23 element Tonna Yagi. Reports of 51 both ways were exchanged on SSB. The QSO was completed at 2021UTC with an exchange of reports and locators. The photo shows Terry's 23cm antennas.



RAOTA AGM

The Radio Amateur Old Timers' Association (RAOTA) is holding its AGM on 6 September at the Brunswick Inn, 1 Railway Terrace, Derby DE1 2RU, almost opposite the railway station car park. Commencing with an informal get-together at noon, the AGM is at 1.30pm. For more information contact Ian Brothwell, G4EAN on 0115 926 2360 or by email to GenSec@RAOTA.org. Membership of RAOTA is open to anyone with an active interest in amateur radio.



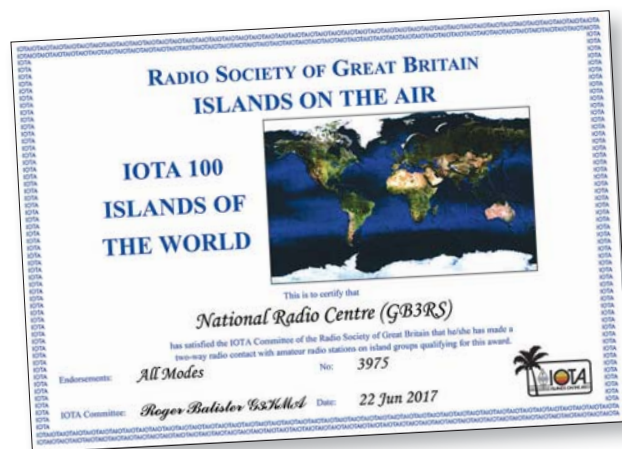
Telford HamFest

The Telford HamFest takes place on 3 September at 'Enginuity' in Coalbrookdale, Telford, Shropshire TF8 7DX. The venue has a new Museum of Iron as well as the hands-on Enginuity technology centre. Numerous traders and exhibitors will be present and Dave Pick, G3YXM, who writes the LF column, is presenting an update to activities on the lower frequency bands. The G QRP Club's mini Convention and Buildathon takes place the previous evening at the Holiday Inn, Ironbridge, Telford TF3 4EH. Steve Hartley, GOFUW is running the Bath-style 'Buildathon' of a pocket sized digital power meter, based around the ubiquitous Arduino Nano, with a resolution of 10mW. Further information at www.telfordhamfest.org.uk

Special event stations

Riviera ARC in Torquay will be running two special event stations in September. GB1BOB will be on 15 & 16 September, celebrating the hard work and sacrifices of all those who fought in or served during the Battle of Britain. GB4BCR will be run as part of Railways on the Air on 23 September from Babbacombe Cliff Railway, a funicular railway that takes people up and down the cliffs to Oddicombe at the bottom of the Babbacombe Downs. e-QSLs will be available for these events.

Torbay ARS will run a special event station from Stover Canal (TQ12 3QJ) on 23 September from 9am to 4pm. The canal was built by James Templer of Stover House between 1790 and 1792 to serve the ball clay industry in the area. It runs for nearly 2 miles from Ventiford Basin near Teigngrace to Jetty Marsh on the outskirts of Newton Abbot. Having been allowed to fall derelict, the canal is now in the process of being restored.



IOTA award

Volunteers at the National Radio Centre, using the GB3RS station, have worked the required qualifying contacts to obtain the Islands On The Air IOTA 100 award. Congratulations to all those involved in island chasing. Read more about the award at www.rsgbiota.org/info/directory/rules-en.pdf

Amateur radio at the BBC

In July Kenwood UK Sales Director, Mark Haynes, donated a Kenwood TS-590 HF transceiver to the recently formed London BBC Radio Group, G8BBC. Group Chairman, and Radio 4 announcer/newsreader, Jim Lee, G4AEH received the donation in the new club shack at the top of BBC Broadcasting House where test transmissions are now in progress ahead of the official opening. The station, which has been dormant for four years since leaving BBC Television Centre in 2013, is now making test transmissions to check for any EMC issues with BBC Engineering. G8BBC is active on HF and VHF, and now has 25 members of BBC staff, some with amateur licences, and some short wave listeners.

Full Licence course in SE9

Cray Valley RS, a member of the South East Tutors group of clubs is running a fully taught and mentored Full licence training course this autumn. Details are at <http://goo.gl/AEV5GN>

The course includes evening maths primer sessions on 2 & 9 October, an Intermediate revision day on 14 October. The main intensive course commences on 4 November for three consecutive Saturdays followed by the exam on 25 November. For further details of the course, which will run in Eltham, London SE9, please contact Kevin, MOKSJ via email to courses@cvsr.org

LAMFST 2017 success

LAMFST enjoyed another successful year, the 5th so far. Over £800 was raised for Yorkshire Air Ambulance including from the raffle with prizes from Icom, Kenwood, Yaesu, bhi, Cross Country Wireless and LAMCO. Well done to all involved.

CHOTA on 9 September

Churches & Chapels On The Air (CHOTA) takes place on 9 September between 10am and 4pm. It all began in 2006 when John, G3XYF thought it would be a good idea to establish an amateur radio station in his church on that day for the benefit of visitors as part of the York Historic Churches Trust open day. CHOTA has developed substantially during the intervening years, and year thirty to forty churches across the UK permit their local radio amateurs to set up stations in aid of this good cause. For details of churches and chapels taking part see www.wacral.org/CHOTA.htm Those claiming the available award must contact eight or more stations operated by WACRAL members. See the website www.wacral.org for details.

EME on Goonhilly 32m dish



Thanks to the generosity and support of Matt Cosby and Ian Jones of Goonhilly Earth Station, a group of UK amateurs are planning to operate EME on 3.4GHz and 5.7GHz using the 32m antenna GHY6 at Goonhilly Down on 25 and 26 August. The moon rise at Goonhilly is at about 1000UTC on the 25th and 1100UTC on the 26th and they hope to be on the air until about 1830UTC using GB6GHY. They will be present on the HB9Q logger and are looking forward to as many QSOs as possible. Anyone interested can contact Brian, G4NNS or Noel, G8GTZ by email to chair@batc.tv See www.goonhilly.org/antennas/antenna-list for details of the site and antennas.

Air Ambulance Week

This year's International Air Ambulance event will take place between 9 & 17 September, with the focus on supporting and generating donations for flying medical services around the world. Registration will be mandatory and all stations taking part will be issued a registration number. Awards will be available for those who support the event see the website for details, www.radio-amateur-events.org



DX-Hotel prize won

The 2018 World Radiosport Team Championship is being held in Germany in July 2018. To raise funds for this event, the DARC arranged a daily tombola at the recent Ham Radio event in Friedrichshafen. Philip, GW4HAT won second prize on the Sunday's draw, which was a voucher for 2 people for 2 days half-board accommodation at DM9EE's DX-Hotel with use of his (rather special/big) DX station located in Holzminden, Lower Saxony. He runs a hotel complex called DX-Hotel Hellers Krug, part of which is dated from circa 1756 (www.dm9ee.de/hotel.html). The DX-Hotel is good for chasing DX, but also offers sightseeing, cycling along the river Weser and nice villages such as Hamlin and Bodenwerder.

Please send news reports to radcom@rsgb.org.uk. To get future events listed here and put on GB2RS, email details of your meetings as early as possible to radcom@RSGB.org.uk Include your club name, RSGB Region number, contact name, callsign & phone number, date and details of meeting. Example: Fraser Road Radio Club, Region 9, Steve, M1ACB, 01234 832 700, 29 Oct, On the Air. We normally acknowledge all submissions within 3 working days: if you don't hear from us, please phone. We don't normally include 'closed', 'TBA' or 'every Tuesday'-type entries. The deadline for the October issue is 24 August and for November it's 21 September. For GB2RS, the deadline is 10am on the Thursday of the week of broadcast.

CLUB EVENTS CALENDAR

INTERNATIONAL

Pafos Radio Club, Cyprus
Richard, 5B4AJG, 00 357 97 857 891,
5b4ajg@gmail.com www.cyhams.org
Meets 3rd Thursday at DT's Bar. Visitors and
holidaymakers welcome.

**International Federation of Railway Radio
Amateurs (FIRAC) www.firac.org.uk**
Nets Sun 14.320MHz at 0830UTC, Wed
21.3MHz at 1430UTC g4gnq@hotmail.co.uk

NATIONAL

Amateur Radio Caravan and Camping Club
membership@arcc.org.uk, www.arcc.org.uk
Caravan Rallies September - Kineton, Warks

AMSAT-UK, http://amsat-uk.org/
Open net every Sunday, 10am, 3.780MHz (±)

British Railways Amateur Radio Society
m0zaa@brars.info, www.brars.info
Net Friday 1600 on 3.685MHz

Civil Service Amateur Radio Society
Weekly net every Tuesday, 8pm, 3.763MHz.

Radio Amateur Old Timers' Association
MemSec@RAOTA.org, www.RAOTA.org
Nets: Wed 3.763MHz 1000, 1.963MHz 2100
Thurs 7.163MHz, 1100, 3.763MHz 1930
Sun 3.763MHz 1000

REGION 1: SCOTLAND SOUTH & WESTERN ISLES

Regional Manager: RM1@rsgb.org.uk

Cockenzie & Port Seton ARC
Bob, GM4UYZ, 01875 811 723
1 Normal club night
22 144MHz DF Hunt, 6.30, meet in
Co-Op car park (east)

Livingston & District ARS
Cathie, 2MODIB, 01506 433 846
5, 19 Training and operating
12 Talk
26 Operating and prep for JOTA 2017

Lothians RS
Mike, MMOMLB,
secretary@lothiansradiosociety.com
13 Presidential address
27 Lecture at the Museum of Communication

Mid Lanarkshire ARS
Kevin, 2MOKVM, 0772 509 6279
1, 8, 15, 22, 29 Club night

REGION 2: SCOTLAND NORTH & NORTHERN ISLES

Regional Manager: Andrew Burns, MM0CXA
RM2@rsgb.org.uk

Aberdeen ARS
Fred, GM3ALZ, 01975 651 365
7 Junk sale
10 GM3BSQ/P at Seaton Park, Aberdeen
23-24 GB2RDR for Railways on the Air
28 Construction and on the air

Dundee ARC
Martin, 2MOKAU, 0776 370 8933
5 VHF radio hands on
12, 19 Club night/tuition
26 Talk

Glenrothes & District RC
Doug, MM6KNR, dougie@digitalmaker.co.uk
6 HF Field Day debrief
13 Club night
20 My shack: Dave
27 QRZ profiles: Alan

Moray Firth ARS
Ian, MM0RPD, 0779 976 0590
5 Club meeting and prep for next surplus sale

REGION 3: NORTH WEST

Regional Manager: Kath Wilson, M1CNY,
RM3@rsgb.org.uk

Chester & District RS
Bruce, M0CVP, 01244 343 825
2-3 RSGB HF SSB NFD at Cheshire View

Isle of Man ARS
iomars@manx.net
2-3 SSB Field Day
24 PW 70MHz contest
28-29 CQ WPX contest

Macclesfield & District RS
Greg, MOTXX, Info@gx4mws.com
4 Shack on the air
11 Film night
18 40m helical vertical construction, MOTXX
25 Data modes talk, M1REK

South Manchester R&CC
Ron, G3SVW, 01619 693 999
7 Weather or not, part V, Peter, G3XGE
14 Sorting your junkbox
21 Mini lectures
28 Moonbounce discussion

Stockport Radio Society
Heather, M6HNS, 07506 904 422
5 Society meeting
11, 25 Advanced class
12 Net, 51.550MHz FM, 7.30pm, 50.270MHz
SSB at 8.15pm
14 Net, 7.30pm, 145.375MHz
19, 26 Radio/skills night

Thornton Cleveleys ARS
John, G4FRK, 01253 862 810
2-3 SSB NFD/2m Trophy
4 Natter night, practical, on the air
11 Radio boffins continued, Stephen, M0HOI
18 Receivers, Mick, G4EZM
25 Construction contest

Wirral ARS
William, G4YWD, 0780 488 4245
1-3 SSB Field Day weekend
5, 7, 12, 14, 19, 21, 26, 28 Club open from 7pm
6 SSB Field Day debriefing
13 Pre official opening meeting
16 Official opening of new shack, 11am
20 AGM

REGION 4: NORTH EAST

Regional Manager: Ian Douglas, G7MFN,
RM4@rsgb.org.uk

Angel of the North ARC
Nancy, G7UUR, 01914 770 036
4, 11, 18, 25 On the air
11 Talk
18 Prep for Railways on the Air
23-24 Railways on the Air

Colburn & Richmondshire District ARS
Colin, 01748 876 391
14 General club meeting/training
28 Planning winter meetings

Denby Dale RC
Darran, G0BWB, 0797 442 3227
6, 20 Club night
13, 27 On the air

Durham & District ARS
Michael, G7TWX, dadars@gmx.com
6, 13, 20, 27 Club night
7, 14, 21, 28 Club net, 7.30pm, 145.475MHz

Hull & District ARS
Julian, 0775 957 7118
7, 21 Club night/On the air
14 Debate: should amateur radio and the
internet be separated?
28 The Don Miller story

Ripon & District ARS
David, G3UNA, 01423 860 778
7, 14, 21, 28 Club night

Sheffield & District Wireless Society
Krystyna, 2EOKSH, 0788 406 5375
13, 27 Training and social night
20 Building a computer from first principles,
G8AGN

Sheffield ARC
David, G6DCT, littlewood20@btinternet.com
4, 18 Club night
11, 25 Shack night

Spen Valley ARS
Russell, G0FOI, 01274 875 038
7 Curry night, Kashmir Restaurant
21 On the air

Wakefield & District RS
Charles, M0OXO@wdrs.club
1, 8, 15, 22, 29 Social and natter night

The next deadlines are 24 August, 21 September and 26 October.
Send your news, dairy dates and photos to radcom@rsgb.org.uk
and see tinyurl.com/radcompix for hints on taking good photos

REGION 5: WEST MIDLANDS

Regional Manager: Martyn Vincent, G3UKV
RM5@rsgb.org.uk

Bromsgrove & District ARC
John, G4OJS, 0788 9678 7303
1, 8, 15, 22, 29 Club night

Cheltenham ARA
Derek, G3NKS, 01242 241 099
3, 10, 17, 24 Net, 50.220MHz USB, 8.30am
5, 12, 19, 26 QRS CW, 3540-3550kHz, 8pm
19 Lunch
21 Suriname DXpedition, G4BVY

Coventry ARS
John, G8SEQ, 07958 777 363
1 G2FDC DF Trophy, 4th round
4, 11, 18, 25 Net, 8pm, 145.375MHz FM and/or 7.16MHz \pm QRM SSB
7, 14, 21, 28 Net, 8pm, 50.175MHz SSB
8, 22 Net 145.375MHz instead of meeting
9-10 Coventry Festival of Craft, Coombe Abbey
15 The Great Egg Race

Gloucester AR&ES
Anne, 2E1GKY, 01242 699 595 (daytime)
4 On air 145.475MHz
11 AGM

Malvern Hills RAC
Dave, G4IDF, 01905 351 568
12 AGM

Midland ARS
Norman, G8BHE, 07808 078 003
3 Visit to Telford Hamfest
6 Open meeting, on the air, training classes
13 Committee meeting, training classes
20 General meeting, on the air, training classes
27 Pre-AGM meeting, social planning, training

Mid-Warwickshire ARS
Don, G4CYG, 01926 424 465
12 Bring an interesting item to discuss
26 Migration from Windows to Linux, MOOAE

Nuneaton & District ARC
Neil, MONKE, info@ndarc.co.uk
1 Pint and chat, Harvester, 7.30pm
7, 14, 21, 28 Net, 145.475MHz, 9.30pm
15 My time as RSGB General Manager, Graham Coomber, GONBI

Rugby ATS
Steve, G8LYB, 01788 578 940
2 My new antenna
5, 12, 19 UKAC
9 6m operation, talk by G3WOS
16, 26 HF & VHF shack on the air
23 Army Tactical Comms
30 GB7ME Rugby digital repeater

Salop ARS
salopamateurradio@gmail.com
5, 12, 19, 26 CW net, 4.30pm, 144.070MHz
6, 13, 20, 27 Club net, GB3LH, 8.30pm
7, 14 Natter night / committee meeting
21, 28 Quiz night/construction contest

Solihull ARS
SolihullRadioClub@gmail.com
7, 14, 28 Club net around 145.450MHz, 8pm
21 Club night

South Birmingham RS
Gemma Gordon, M6GKG, gemmagordon.m6gkg@gmail.com
2 Loading trailer for Telford Hamfest
3 Club Stand at Telford Hamfest

4 Telford Rally debrief
5, 12, 19, 26 Coffee morning in the shack, 11am to 1pm, visitors very welcome
5, 15 Resorting and packing rally stock
7, 14, 21, 28 Training classes with Dave Murphy, G8OWL
11, 18 Rag chew

Staffordshire Portable ARC
Lynn, M6LIN, 0192 244 9668
2-3 SSB Field Day, Donative Farm
12, 26 Bolehall Manor Club meeting
23-24 Railways on the Air, Amerton Railway

Sutton Coldfield ARS
Robert, rob2e0zap@gmail.com
4, 18 Open net, \pm 145.250MHz, 7.30pm
11, 25 Club meeting
12 Open net, 70.475MHz FM, 7.30pm
26 DMR open net, gb7fw slot/local2, 7.30pm

Telford & District ARS
John MOJZH, 07824 737 716
2 Telford Hamfest
6 Committee meeting, GX3ZME OTA
13 Hamfest debrief
20 Talk by Richard Wilkinson
27 Winter projects discussion

Wythall Radio Club
Chris, G0EYO, 07710 412 819
1, 8, 15, 22, 29 Nibbles Night in the Shack 7.30pm
3, 10, 17, 24 Club net, 145.225MHz or GB3WL, 8pm
5, 12, 19, 26 Morse class, 7.30pm
5 Free 'n easy club night
12 Committee meeting
19 Talk: the 3-15
25 Curry night
26 BBC Relay, Ascension Island, Steve, G3ZVW

REGION 6: NORTH WALES

Regional Manager: Ceri Lloyd Jones, 2W0LJC
RM6@rsgb.org.uk

Dragon ARC
John, MW0JWP, 0751 503 1025
4 QRP in the bay
18 Construction competition

North Wales Radio Society
Liz, GWOETU, 0776 019 0355
7 General meeting
14 Technical topic
21 DVD night
28 Operating on the Prom (weather permitting)

Wrexham ARS
Eifion, mw6eyu@gmail.com
19 Titanic signals of disaster, Dave Roberts

REGION 7: SOUTH WALES

Regional Manager: Glyn Jones, GW0ANA, RM7@rsgb.org.uk

Aberystwyth & District ARS
Ray, GW7AGG, 01970 611 853
2 Across Wales walk
14 Waunfawr Hall Buildathon, GWONVN and Mike Jollands
28 Net on 145.500MHz then 145.550MHz

Cleddau ARS
Heinz, MW0ECY, 0774 804 7008
11 Barbecue
23-24 Outdoor operations

REGION 9: LONDON & THAMES VALLEY

Regional Manager: Tom O'Reilly, G0NSY
RM9@rsgb.org.uk

Bracknell ARC
David, MOXDF, MOXDF@alphadene.co.uk
6, 20, 27 Open net, 145.375MHz, 8pm
13 Club project

Chertsey Radio Club
James, M6FLT, chertseyradioclub@hotmail.com
5 Social online gathering

Edgware & District RS
Mike, G4RNW, 02089 500 658
14 Discussion of summer activities, Steve, GOPQB
28 Bring useful gizmos of interest

Harwell ARS
John, G6LNU, 01235 223 250
14 Natter night

Radio Society of Harrow
Linda, G7RJL, lcasey@imperial.ac.uk
1 Club WW2 Radio Sets, Peter, G3YXZ
3, 10, 17, 24 Club net, 1938kHz LSB, 12 noon
4, 11, 18, 25 Net, 145.500/145.350MHz FM, 8.15pm
15 Backpacking radio, James, MOJQC
24 Outdoor event, Old Redding car park, 2-5pm

Shefford & District ARS
John Burnett, john@hobart-europe.co.uk
14 What did you do in the holidays?
21 High Altitude Ballooning pt 2, Andrew, MONRD
28 Development of the Typhoon, Alan Merriman

Southgate ARC
Keith, G8RPA, g8rpa@arri.net
13 VPN speaker
22-25 Railways on the Air

Verulam ARC
Greg, M0PPG, 01582 413 345
14 Social with GB3VH Repeater Group
19 CQ Worldwide planning - beacons / Reverse Beacon Network / DX Cluster

REGION 10: SOUTH & SOUTH EAST

REGIONAL MANAGER: MICHAEL SENIOR, G4EFO
RM10@rsgb.org.uk

Bredhurst R&TS
Nicky, secretary@brats-qth.org
28 History of public safety communications, Steve, G3ZPS

Bromley & District ARS
Andy, G4WGG, 01689 878 089
6, 13, 20, 27 Net, 145.500MHz (and QSY), 9pm
17 Foundation course day 1
19 Short talks evening

Coulsdon ATS
Andy, G0KZT, secretary@catsradio.org
3, 10, 13, 17, 20, 24, 27 Club net, 11am, 145.400MHz \pm QRM; club net 5pm, 3.700MHz \pm QRM
6 Net, 9pm, 70.425MHz

Cray Valley RS
Dave, G8ZZK, 0773 954 9822
7 Antenna modelling, Quin, G3WRR
21 The magnetron, Mike, G3LHZ

Crystal Palace R&EC

Bob, G30OU, 01737 552 170

- 1 Antenna modelling, Quin, G3WRR
- 6, 13, 20, 27 Club net, 8pm, 145.525MHz ± QRM

Darenth Valley Radio Society

Mike, G8AXA, 0788 415 7776

- 13 ROA/natter night
- 27 Digital modes revisited, Mike, G8AXA

Dorking & District RS

David, M6DJB, djb.abraxas@btinternet.com

- 26 The ISS project with schools, Mike, G4EFO

Dover RC

Aaron, 2E0FQR, 0771 465 4267

- 7 Which digital mode? Matt, M1CMN
- 14 Personalise and design your own shack clock

Hastings E&RC

Gordon, 01424 431 909

- 27 View and discuss online AR YouTube videos

Hilderstone R&EC

Ian, 2E0DUE, secretary@g0hrs.org

- 2-3 RSGB SSB NFD & 2m Trophy
- 9-17 GB1KSS at Manston Spitfire Museum
- 14 Club night
- 28 Earthing for the radio amateur, Ian, 2E0IJH

Horndean & District ARC

Stuart, G0FYX, 02392 472 846

- 1 Natter night/social evening
- 15 Astrophotography, Graham Bryant

Horsham ARC

Alistair, G3ZBU, 07855 268666

- 7 DXing from Africa, Nick, G3RWF, RSGB President
- 14 Social at George and Dragon
- 22 Weekend away in North Wales

Mid-Sussex ARS

Dennis, M0YDC, 0747 630 1044

- 1 Fox hunt
- 8 Smart phones, Chris, G4ZCS
- 15 Radio night
- 22 Prep for Haywards Heath Town Day
- 23 Haywards Heath Town Day
- 29 Skittles evening

Southdown ARS

John, G3DQY, 01424 424 319

- 3, 6, 20, 27 Club net, 145.275MHz, 8.30am; cafe meeting, 12.30pm; CW net on 144.060MHz, 7pm
- 4 Bring 'n tell evening, 8pm
- 6 Hailsham Shack meeting 10.30am

Surrey Radio Contact Club

John, G3MCX, 020 8688 3322

- 1, 8, 15, 22, 29 Net, 145.350MHz, 8pm
- 4 Sub-sea telegraph cables at Enderby Wharf, Richard Buchanan
- 7, 14, 21, 28 Net, 70.300MHz, 8pm
- 10, 17, 21, 24 Net, 1905kHz, 9.30am
- 18 Chat and fix-it, John, G8MNY

Worthing & District ARC

Al, M0OAL, information@wadarc.org.uk

- 3 Monthly breakfast, 9am
- 6 Tea and chat night
- 13 Band III, Ron, G3SKI
- 20 Construction competition
- 27 Practical evening or workshop demonstration

REGION 11: SOUTH WEST & CHANNEL ISLES

Regional Manager: Pam Helliwell, G7SME

RM11@rsgb.org.uk

Appledore & District ARC

Alan, M6CCH, 01237 422 833

- 18 Open meeting

Bristol RSGB Group

Shaun, G8VPG, 01225 873 098

- 25 The TX Factor, Nick, 2E0FGQ

Burnham on Sea ARC

Charles, G0SKA, 01753 647 101

- 2-3 DX Picnic and RSGB SSB Field Day
- 4 Junk sale
- 18 Open evening for the public with stations on the air

Callington ARS

John, G4PBN, 01822 835 834

- 6 Club night

Cornish RAC

Steve, G7VOH, 01209 844 939

- 6 Committee meeting
- 7 Main meeting
- 21 Social evening

Exeter ARS

Nick, M0NRJ, 01363 775 756

- 5 Net, 7.45pm, GB3EX
- 12, 19, 26 Net, 7.45pm, GB3EW
- 13 VHF and UHF antennas
- 27 60m on the Grey Line

Gordano ARG

Malcolm, G4KPM, info@g4kpm.co.uk

- 27 Club meeting

Mid-Somerset Amateur Radio Club

David, G8BFV, 01749 670 085

- 11 Talk on \$50 satellite and planning for ROTA

Poole Radio Society

secretary@g4prs.org.uk

- 1, 15, 22, 29 Activity night
- 8 CNC milling demo and talk, Paul, GOODP
- 16-17 Operating from Norden Station, Swanage Railway
- 24 Practical Wireless 70MHz Contest

Riviera ARC

rivieraarc@gmail.com

- 7, 21 Club night
- 23 GB4BCR, 10am-5pm, Babbacombe Cliff Railway

Saltash & District ARC

Mark, M0WMB, 0781 054 8445

- 7, 21 Club night, all welcome

South Bristol ARC

Andrew, G7KNA, 07838 695 471

- 14 Railways on the Air briefing
- 21 Table top sale
- 23-24 Railways on the Air
- 28 Open house and on air night

Torbay ARS

John, G4VUD@TARS.ORG.UK

- 1, 15, 22, 29 Club night
- 8 Club night with business meeting

Weston Super Mare RS

Martin, G7UWI, 01934 613 094

- 3 DF hunt
- 4, 11, 25 Construction, operating, natter night
- 17 Rally at WSM campus
- 18 Main meeting, rally discussion

Yeovil ARC

Rodney, M0RGE, 01935 825 791

- 1, 15 Construction and on the air, Sparkford
- 2 Intermediate course at Davis Hall
- 7 Amateur radio activities, G3MYM
- 21 Morse practice, G3MYM
- 28 Problem solving and committee meeting

REGION 12: EAST & EAST ANGLIA

Regional Manager: Keith Haynes, G3WRO

RM12@rsgb.org.uk

Braintree & District ARS

Edwin, G0LPO, 01376 324 031

- 5, 19 Club net, 8pm, 145.375MHz
- 12 Railways on the Air planning
- 26 Natter night

Chelmsford ARS

secretary@g0mwat.org.uk

- 5 Radio Caroline by Martello Tower Group
- 7 Foundation course
- 18 Skills night

Colchester Radio Amateurs

Tony, 2E0FTQ, 0783 177 4669

- 21 My other hobby

Essex Ham

Pete, M0PSX, news@essexham.co.uk

- 2 Essex YL Net, GB3DA, 8pm
- 4, 11, 18, 25 Net on GB3DA, 8pm, audio feed at www.essexham.net
- 28 Online Foundation course

Felixstowe & District ARS

Paul, G4YQC, pjw@btinternet.com

- 3 Martlesham Airfield SES
- 11 ESWR post mortem
- 23-24 Foundation course, subject to numbers
- 25 Operating in Belize, Jonathan, G0DVJ

Huntingdonshire ARS

David, M0VTG, secretary@hunts-hams.co.uk

- 2-3 Club Field Weekend at Ramsey Rural Museum
- 9 GB1SMB, St Mary's, Buckden
- 14 Natter night
- 23-24 GBONVR, Nene Valley Railway
- 28 Papua New Guinea, David, M0VTG

Loughton & Epping Forest ARS

Dave, M0MBD, 0798 016 5172

- 7, 14, 21, 28 Net, 144.725MHz, 8pm

Norfolk ARC

Chris, G0DWV, 01603 898 308,

- 6 Internet access at 30,000ft, Steve, G0KYA
- 13 World class super contest station, Tim, K3LR (Skype)
- 20 Digital modes, Mark, G0LGJ
- 27 Informal, Bright Sparks

South Essex ARS

Terry, G1FBW, 07986 070 040

- 12 The moving coil meter, Dave, G4AJY

Thurrock Acorns ARC

Gordon, M0WJL, acorns@taarc.co.uk

- 5 2m SSTV open net, 7.30pm
- 7, 14, 21, 28 2m FM open net, 7.30pm
- 18-24 Air Ambulance week
- 19 Autumn social evening

The next three deadlines are 24 August, 21 September and 26 October

REGION 13: EAST MIDLANDS

Regional Manager: Jim Stevenson, G0EJQ
RM13@rsgb.org.uk

Hinckley AR&ES

Bob, G8BFF, 0792 876 9767

7 HMS Glamorgan, John, G8CGW

Lincoln Short-Wave Club

Pam, G4STO, 01427 788 356

2, 9, 16 Open shack and on the air

6 Nibbles and natter night

7, 21 Repeater net, GB3LM/GB3LS, 8pm

13 G5FZ on the air

14 Club net, 145.375MHz, 8pm

20 Formal meeting

23, 27-28 National Hamfest prep & setup

29-30 National Hamfest

Loughborough & District ARC

Chris, G1ETZ, 01509 504 319

5 Club 70cm net

12 Vector analyser use, Andrew, G7SEG

19 Open forum on base stations and handhelds

26 Practical evening

Melton Mowbray ARS

Phil, G4LWB, 01664 567 972

15 AGM, club programme discussion

Nunsfield House ARG

Paul, G1SGZ, pr@nharg.org.uk

1 Arduino SDA

4, 11, 18, 25 Shack night

7, 14, 21, 28 Club net, 145.325MHz, 8pm

16 Remote listening

22, 29 Program planning/committee
and club night

South Normanton Alfreton & District ARC

A Lawrence, 2E0BQS, 01246 456 625

4 Talk

11, 25 Natter night

18 Junk sale

Welland Valley ARS

Peter, G4XEX, 01858 432 105

4 Net, 28.475MHz USB, 8pm

18 Talk on 475kHz experiments by G1IVG
and GOSFJ

29-30 National Hamfest

EVENTS ROUNDUP

REGION 2: SCOTLAND NORTH & NORTHERN ISLES

In June, members of **Glenrothes & District ARC** took part in the **PW 144MHz QRP** contest from East Lomond (Falkland) Hill. The club had been preparing for the event for a few months with Mick, G0IET and Lawrie, MM0LJA building a new 12 element beam. It was a wet and windy day with heavy rain and gale force gusts interspersed by a few bright spots, allowing those who sought refuge in the operating tent (brought up the hill by Ian, MM0HRL) to venture out again. They beat last year's tally and made contacts from Inverness to the Isle of Wight covering 6 different squares across three of the home nations with Ireland eluding them. Thanks to MM0HRL and 2M0EWY for photos of the event. Photo (right) by Ian, MM0HRL and Alan, 2M0EWY.

Dundee ARC would like to welcome three new members who passed their Foundation exam. Steve, MM6JVP, David, MM6TKV and Colin, MM6KOJ are joining the ongoing tuition programme.



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REGION 3: NORTH WEST

In June, Furness ARS ran a full 2m radio fox hunt. Covering the SD27 square, teams set out to find the cunningly hidden fox. The winning team of Chris, MOKPW, Martyn, MOTEB and Andrew, M6GUM found the fox in just under 35 minutes. Not bad for the team's first outing! The annual barbecue was held at Gleaston Water Mill, where around 20 club members and family attended. In July, the club took part in a local family fun day with a demonstration station where the hex beam drew lots of attention. Despite the noise from some of the fun fair activities, they made a number of QSOs into Europe. Several visitors expressed an interest in the demonstrations and amateur radio as a whole.

Wearside EARS meets at the Scout Headquarters, Crow Lane, Herrington SR3 3TE. The shack is open and will be on the air and they invite visitors to have a tea, coffee or a chat. Contact Ian, G7MFN on 0758 106 8065.

Stockport Radio Society rally opened its doors to traders and visitors. The event welcomed record numbers of visitors, with many people who arrived empty-handed leaving happily laden down with their purchases. While most people were still asleep, SRS members got the interior of club HQ at Walthew House ready for buyers and sellers. With the traders all set and ready to go 45 minutes early, they decided to open the doors early. SRS would like to thank everyone that help make the rally a success, including rally organiser Nigel, GORXA, stewards Nigel 2E0CKA, Evan MOTJU, Tony MOSAV, Neil M6NAE, Bob M6TMA, everyone that helped put Walthew House back to how it was before the rally – and of course to all the traders and visitors, without whom there wouldn't be a rally.

A final thank you goes out to Dave, MOOBW for presenting SRS with their Club of the Year 2016 Trophy.

REGION 4: NORTH EAST

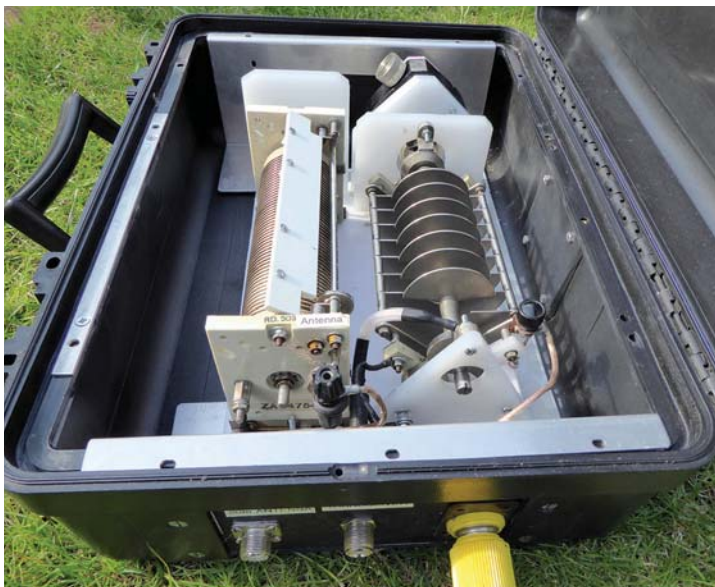
Pontefract & District ARS operated GB4CON at Farmer Copleys' Festival@the farm. This is an annual fun day with Viking battles, sheep shearing, military and farming equipment, welly chucking and the like. Operated by Nigel, G0BPK, he concentrated on 2m FM only because this is far easier for the public to understand than SSB.



Bishop Auckland RAC committee and members would like to congratulate Derek Addison (above) in successfully passing his Intermediate exam – well done.

REGION 9: LONDON & THAMES VALLEY

At Verulam ARC's meeting in July, Roger, MORBK gave an illustrated talk entitled *My Love Affair with Impedance*. Roger explained the mathematics and electronics of resistance, reactance and impedance and how to adjust your equipment for optimum performance. Several homebrew aerial matching units were displayed demonstrating what can be achieved with recycled components (see below).



REGION 8: NORTHERN IRELAND

Bangor & District ARS took part in June's NFD near Bangor. Despite some torrential rain, they had the luxury of a caravan so kept moderately dry and warm. Expecting poor HF propagation conditions, they built an off-centre fed 160m dipole from RadCom, hoping to do better on Top Band. This brought a 60% increase in 160m QSOs. At one point the generator stopped due to a split fuel pipe, but fortunately only a few minutes were lost. The operators were Colin, G14RQK, Keith, G10SSA and Richard, G14DOH. Many thanks to the loyal support team who made it happen and to the stations in the log.



GB8CCG was on the air as part of the London Open Garden Squares weekend. The station was located in the garden shed at Cordwainers Community Garden in Hackney, East London. Operators were Jon, M5AEO and Jim, G4AEH. The equipment was a FT-450 on HF with a window antenna and a FT-897 and vertical antenna on VHF. Sadly, radio conditions were poor on HF, but about 30 contacts were completed, many around London on VHF. Members of the public visiting the garden were introduced to amateur radio and showed great interest.

REGION 10: SOUTH & SOUTH EAST

Members of Bredhurst RATS attended the annual village fete in Bredhurst. The interactive table went down well with local children and adults alike and they also made contacts on 40m and 2m. The June talk was on Crop Circles by Andy Thomas where they found a lot of science behind this phenomenon.

Horndean & District ARC meetings are now held at Deverell Hall, 84 London Road, Purbrook, Waterlooville PO7 5JU starting at 7.30pm. Visitors are always welcome, and membership is available. www.hdarc.co.uk.



At Dover ARC's 50th anniversary there was much to celebrate when past and present members, colleagues, spouses and siblings met up at the home of a founder member, Ian G3ROO. RSGB Regional Manager Keith Bird, G4JED attended, as well as colleagues from the French amateur club F8KGS in Cappel La Grande 59180. GB5DRC was on the air thanks to Ian setting up a shack utilising 40m in his garden for all to use. The food was excellent thanks to Peter, M0PKH, Charlotte, M6CEH, Gary, 2E0FGC, John, G7SXJ, Stuart, M0IAQ and his wife Rose. Special thanks to Matt, M1CMN for the PA system and Richard, G4HHX for the music.



Through the summer months, Fort Purbrook ARC meetings become weekend events on Portsdown Hill, 330ft ASL, with a spacious marquee. At the last meeting there was a 3 band trap dipole and a 132ft doublet both on telescopic masts, a 2m beam and a roach pole vertical. Visitors are welcome to drop in.

REGION 11: SOUTH WEST & CHANNEL ISLES

Torbay Amateur Radio Society had a successful Show & Tell evening, when members brought in numerous items of hobby-related interest to discuss. One club member brought in a homebrew valve audio amplifier, which proved very useful to power the PA announcements. Also on show were the latest Elecraft KX3 together with a Flex radio. A demo of a hand held satellite aerial and transceiver using a satellite tracking app running on a mobile phone also proved to be very interesting. Many thanks to all who attended and especially to those who brought in their very interesting exhibits.



REGION 12: EAST & EAST ANGLIA

There was an eclectic variety of entries for the **Braintree and District ARS** construction competition, including upgraded Elecraft transceivers, a KRC-2 regenerative receiver, a portable power supply with variable voltage outputs and a frequency counter. After careful consideration, third and second places were awarded to John, M5AJB for, respectively, his kit-built air band receiver and QRP Sudden transmitter. First place, and the club's construction shield was awarded to Mike, G8DJO (see photo) for his scratch-built 360° time lapse night sky camera triggered by light change. This involved the use of computer software, electronic construction and fine engineering skills.



Colchester Radio Amateurs enjoyed a 'field weekend' at a local farm in Eight Ash Green and were given the opportunity of using the club equipment and setting up the HF rigs and the club's Crushcraft mini beam. Newer licensees were shown Morse contesting and Liz, G0MDL demonstrated portable CW operating using her FT-817. There were some notable contacts one being PH9HB/AM who was 200 miles from Athens, flying at 35,000ft.

Huntingdonshire ARS supported Buckden Village Fete with a working station. MOV TG and G4KLE set up the gazebo, assisted by G1KWF and M0OLG. The antenna, an off centre fed dipole, was erected at the rear of the gazebo, with the IC-7200 inside. The first contact was at 0916 with Rob, PA3GFY on SSB. Several amateurs visited, including G8CHC, G0AYX, M6TXR, G3NKG (after working the station) and G1MVF. John, ZR6ART, who was visiting his son in Buckden, also came by. In total there were 26 contacts (22 CW) working into Norway, European Russia, Hungary, Czech Rep, Netherlands, Belgium, Germany, South France and even Hartford (G4LHI) using 80, 40, 30 and 20m.

Loughton & Epping Forest ARS members operated GB2NWA from North Weald Airfield. The airfield has a rich heritage and its history is re-told at the adjacent Museum. The team set up just one operations tent for both VHF and HF stations (see right), which were reasonably busy despite local noise. The club attended the Dunstable Downs rally and even had a pitch selling surplus items including equipment donated to the club by the family of David Burton, GOSFV (SK). June was a busy month starting with a well-attended Foundation licence course and exam. Ken Bryant, Craig, M6JQK, Simon, M6JOP, Bill, M6JOI, Richard Smith and Terry, M6JNV all passed. Numaan, M6UDH and John, M6JSU passed later in June.

Thanks to National Lottery players, **Bittern DXers** is celebrating an award of just under £10,000 by the Big Lottery Fund to help them introduce people to the endless possibilities in technology that amateur radio offers to young and old alike. With the money provided by National Lottery players, the group have purchased gazebos, radios and demonstration equipment allowing them to take a complete station to public shows and events. They are also very grateful to Martin Lynch & Sons Ltd and Telonic Instruments Ltd who helped extent the buying power of the National Lottery money. Peak Electronics and SOTABEAMS are thanked for their generous donations of equipment to help the project.

Peterborough & District ARC had a talk by David, G3RED on how antennas really work. He starting by saying all antennas are essentially dipoles and moved from the obvious wire dipole and beam with its elements being dipoles to the end fed using ground as the other part of the antenna. David then went on to talk about the mathematics of antenna design and understanding radiation patterns. GB8ASP operated in the park adjacent to All Saints in Paston with the station comprising a Kenwood TS-690SG into a Sigma multi band vertical HF antenna, a VHF station was also set up for local contacts. Two working Clansman radios were on display, which created a lot of nostalgia with some passing ex servicemen. The station created a great deal of interest with the general public and a member of a local Brownie pack and daughter of Eddie, 2EODVQ completed all the elements of her communications badge.



REGION 13: EAST MIDLANDS

Leicester Radio Society undertook their first online examination for two candidates. Both had done the online course run by Bath ARC and both passed the exam. The process was easy and the club will be using this method again, thanks to the RSGB for their help.

Leicestershire DRM, Mark Burrows, attended **Hinckley AR&ES** recently to present Malcolm Williams with his Foundation pass certificate, which fulfilled his long-time ambition of becoming a radio amateur. Congratulations to him on his new callsign, M6XPO.



Spalding & District ARS took part in the village carnival with a small exhibition station and display of suitable posters and leaflets. They were kept busy all day, the Morse demo enabling visitors to send their name proving a big draw. The photo shows a young visitor with Nick, G4BMH enjoying the event who has since joined the society and is already listening on HF via a loaned receiver. As a PR exercise it certainly raised the profile of the club, gaining second place in the Best Stall category and first place in the tug of war.



Members of **Lincoln Short Wave Club** put on an amateur radio demonstration at Boutham Summer Fair, which was attended by many members of the public including the Mayor and Mayoress of Lincoln, the City Sheriff, former club members and members of neighbouring club RAF Waddington. Other visitors were Region 13 Regional Manager Jim, G0EJQ and Deputy RM Andy, G0FVI. Pictured is Jason, G7KPM, Steve, M6TSJ, Peter, M0EJL and Ian, G4EVK.