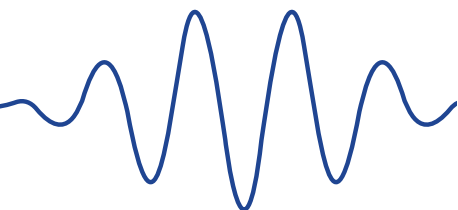




Radio Society of Great Britain

Advancing amateur radio since 1913



Affiliated Clubs Newsletter

September 2016

New look *Around Your Region*

Thank you to everyone who provided larger, higher quality photographs of club activities. They make a real difference to the look and feel of club news.

Photos submitted for Around Your Region must be **at least** 1024x768 pixels, in sharp focus and must be adequately lit. Any modern mobile phone camera is capable of taking photos that easily exceed these requirements.

Preference is given to interesting images of club activities.

Please let us know what you think about the new layout. Email your thoughts to radcom@rsgb.org.uk – we *do* listen.

This is the regular monthly Club Newsletter, sent to all RSGB affiliated clubs and societies. It contains the RSGB Matters and Around Your Region sections of *RadCom*, including all the club news and calendar information.

To get your club news and events included in this Newsletter and the Around Your Region section of *RadCom*, please email the details as early as possible to radcom@rsgb.org.uk

We need to know your club name, RSGB Region number, contact name and phone number, date of meeting and details of the event. Example: Fraser Road Radio Club, Region 9, Graham, GONBI, 01234 832 700, 29 Oct, On the Air.

Forthcoming deadlines are always printed in the red box at the start of the Around Your Region section.

It is important that your club's details are up to date on the Membership database. You can update them yourself by logging onto the RSGB Membership Services Portal at www.rsgb.org/members using your club callsign and Membership number.

Club of the Year presentations

Denby Dale & District ARS is seen on the right receiving the large Club of the Year 2015 award for Region 4. Presented by Region 4 Manager Ian Douglas, G7MFN the trophy was received by Adrian, G1BRB, Brian, G0BFJ, Oliver M6EUB and James, 2EOJTH amongst others.

Mick Senior, G4EFO, the Region 10 Manager presented Hilderstone Radio Club with the Club of the Year 2015 shield for the second year running in that Region (lower right). The club have continued their good work this year supporting Wellesley House school with astronaut Tim Peake's amateur radio contact and coached two pupils, Ethan and Benny, through their amateur radio Foundation licence. The boys recently gave a presentation to the club members about their experience.

The national winner and runners-up of the Club of the Year 2015 competition will be announced at the National Hamfest in September. Presentations of the trophy, certificates and prize cheques will take place at that time.

The RSGB would like to thank Waters and Stanton for their continued support of the award.



Towards one RAYNET

Wherever you sit in the RAYNET community, one thing has always been abundantly clear – we need one organisation, and the sooner the better.

The shape and status of the likely new, unified RAYNET has been defined. Considerable progress towards this goal has been made by the RSGB/RAEN joint working group over recent months without much outward fuss. Now we want to share the proposals more widely. There is a proposed memorandum of agreement between the RSGB and the unified RAYNET that sets out their new complementary roles and co-operative relationship. A joint statement on the detail and how amalgamation will be achieved has been drawn up by the RSGB and the RAE.

The relevant documents can be found at www.rsgb.org/main/operating/emergency-communications along with a fuller version of this article. If you are at all interested in the future of RAYNET please go to the webpage and read the documents.

Very briefly, the new unified organisation will become an affiliated Special Interest Group of the Society. In turn, only the unified RAYNET will have the task of providing the special support that groups need, such as specific insurance and photo ID. Only groups in the unified organisation will be able to use the title RAYNET.

To put these changes in place decisions have to be made by both the RSGB and the Network but the processes are different. If agreement is reached on both sides, RSGB groups will be invited to transfer to the unified RAYNET on or before their RSGB affiliation comes up for renewal. It's important to note that the unified RAYNET will be a membership organisation like its predecessor. So not only will the group transfer, its members will become members of the unified RAYNET. During transition the unified RAYNET will have an interim management committee until new elections can be held which will include its new groups and members. RAYNET groups will be able to have RSGB affiliation like any other RSGB club for payment of the club fee.

Peter R Thomson, GM1XEA

Chairman of the RSGB Emergency Communications Committee

Computer programmer required for HF propagation prediction project

The RSGB's Propagation Studies Committee (PSC) is looking for an experienced programmer with Python skills and a good working knowledge of Linux and web servers to develop the next phase of its online HF propagation prediction software on a voluntary basis.

The first stage can be seen working at www.predtest.uk/

Unfortunately, the initial developer can no longer devote any more time to the project and PSC is keen to develop a point-to-point propagation solution and also maintain and develop what has already been completed. If interested please contact Gwyn, G4FKH via email to g4fkh@sky.com.

Can you help keep up the standards?

Most readers of *RadCom* will have experienced interference problems of one sort or another over the last few years. Many will have noticed that the incidence and intensity has increased. In this world of advanced technology and radio-controlled gadgetry, the probability of interference is high.

The list of interfering equipment grows by the month, from switch mode PSUs, plasma TVs, solar panels, wind turbines, robotic lawnmowers, LED illumination, electric car chargers, floodlights, ventilation systems to Christmas lights. It is difficult to see how the problem will improve as more equipment uses the radio spectrum.

The EMC Committee has four main functions. The first is to give Members personal advice when EMC issues arise. The second is to keep an eye on emerging technologies and to investigate any potential threat to the amateur bands. Once a problem is identified, tests can be carried out to ascertain the severity of the problem. Third, is the production of advice in the form of Leaflets (15 in all), 'EMC Matters' and the EMC Matters Forum online, all of which contain help, which should deal with nearly all Members' problems. The fourth is less visible but is extremely important – lobbying & Standards.

Lobbying and active involvement in Standardisation forums may appear dull but it is far from it. Such involvement is vital in ensuring that the views of radio spectrum users are factored into the formulation of standards at an early stage.

In the past RSGB has been represented on National and International standardisation bodies, BSI, CISPR and ETSI and has raised the profile of the Amateur Radio Service in forums where other members (mainly from industry) had no knowledge of our existence or, in many cases of the requirements of *any* weak signal radio services.

As with every other aspect of EMC work the Standardisation load is increasing and the EMC Committee is looking for Members who feel they would like to join the EMC team to help in this particular area of Standardisation.

We are now looking for someone to represent the RSGB on the BSI GEL210/11 Committee, which provides input into British, European and International Standards and Codes of Practice. Training is available from BSI and support will also be given by members of the EMC Committee. The role will involve reading documentation and attending meetings (typically three times a year), for which expenses will be reimbursed.

Ideally the person should have a good understanding of radio and EMC technology and be willing to join the EMC Committee as a member or corresponding member.

If you would like to help please contact emc.chairman@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 2016, 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 on 7 to 9 October. Last year the winner was Jamie, 2E0SDV and he received the trophy from RSGB Chair Graham Murchie, G4FSG at the RSGB Convention in 2015.

Please send your nominations to Ian Greenshields, G4FSU, QTHR, or by email to ian.greenshields@gmail.com to arrive no later than 16 September 2016.



New GB2RS News reading

Since the first Sunday in June there has been an addition to the GB2RS Schedule. G8VHI, located in Nuneaton, now reads the news at 2030UTC on 145.525MHz. Reg has a very good location and should be audible over a large area of the West and East Midlands. His best report to date is near Hamburg in Germany!

RadCom plus

RadCom Plus July 2016

RadCom Plus is the RSGB's digital technical supplement. The latest version is available to RSGB Members via the RSGB website. This edition has articles on a narrowband direct upconverter for the LF/ME bands, the issues and solutions for making a direct SSB upconverter that is suitable for audio or digital modes, a relatively inexpensive way to start transmitting on 10GHz, using the Arduino microcontroller, the ganging and tracking of superhet receivers and a 70cm handheld using the DRA818U module. Go to www.rsgb.org and click on the Publications button.



Seeking new Examination Standards Committee Chair

An opportunity has arisen to take an important role in the development and management of the RSGB Amateur Radio Examinations. The Examinations Standards Committee (ESC) oversees all aspects of the examinations and its current Chair, Professor Simon Watts, will retire at the end of this year, having completed 10 years in this role. The RSGB is seeking applications from suitably qualified and experienced persons to fulfil this exciting role. The appointment will be for an initial term of three years.

The role is pivotal in steering the Amateur Radio Examinations forward as new technologies and opportunities for change and improvement are developed. The ESC Chair is appointed by, and reports to, the RSGB Board. The ESC Chair is responsible for the appointment of the Examinations Standards Manager, Examination Quality Assurance Manager and the Chair of the Examination Group.

The ESC develops and publishes all procedures and policies for the administration of Examinations. It is also tasked with the development of the syllabus and question banks by the Examination Group, in conjunction with the Training and Education Committee. The ESC supports the Examination Quality Assurance Manager in deciding and arbitrating in cases of examination irregularity and is required to annually present statistical evidence to Ofcom to support the quality of the examinations system.

Applications which should include how you believe you could fulfil this role and a brief CV should be sent to Ian Shepherd, G4EVK c/o RSGB Headquarters or by email (see below).

There is much information about the examinations system provided on the RSGB web pages but if you require further information or an informal chat about the role or whether to apply then you can contact the RSGB Director responsible for exams by emailing Ian via g4evk@rsgb.org.uk. The closing date for applications is 31 October 2016.

Congratulations

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

70 years
Mr A G Stacey G3BXS
Mr K I Procter G3EPO

60 years
Mr R J Cooke G3LDI
Mr G Dale G3MFH
Mr A Kettlety G8HTN
Mr H R Mesny GJ3LJF

50 years
Mr P A Kalas G3VCN
Mr G H S Jones G3VKV
Mr J D Peters G3VMJ
Mr E Searle G3VMY
Mr S Cammies ZS1XG
Mr D A Lane G3VOM
Mr H S Pinchin G3VPE
Mr I R Cutler G3XFV
Mr C J Marsden G3XSO
Mr D M Kirkwood G3YQO
Mr C G Clark G8BKQ
Mr R T Payne GM4AWA
Mr A A C Richmond GU3ONJ

QSL Matters

The easiest part of the Bureau's job is sorting cards, but that's far from the whole story. It tries to ensure the system is being used fairly and for the benefit of all Members. This involves significant and, often, time consuming work, made all the harder if users don't follow the guidelines in the *RSGB Yearbook* and on the website. We especially need Members to include a current *RadCom* label showing their Membership number. Please make sure the callsign on the label matches the one you are using by updating your details if you change callsign. Including an original, in-date, *RadCom* label and notifying RSGB of all calls held (not prefixes) saves a lot extra work.

For clubs and special events, *RadCom* labels don't apply, but details of the club's affiliation is still needed. A copy of the NoV for GB activities must be included with every batch of cards as confirmation that the holder or club is a Member or affiliated.

Receiving approximately 130kg of W1AW centenary cards for the ARRL's Centenary (that occurred in 2014) came as more than a surprise (see right). That's around 40,000 cards! Unlike the GB100RSGB celebrations, the ARRL has opted for a traditional, QSL 100% outgoing, worldwide, rather than OQRS or card on receipt. Sadly, many won't be delivered as the recipients don't have envelopes with their QSL sub managers. If you don't want to miss your card, now's the time to send your sub manager a C5 envelope with your Membership number and callsign on it.

It is with sadness that we advise that two QSL sub groups have been temporarily suspended, due to the sudden death of John Fogden, G4WSX. These are the G3I-L and G4W-X groups. John was a stalwart of the RSGB, a long time volunteer that will be missed by many, especially by his friends in the two sub groups that he handled with diligence for many years.

A replacement volunteer is needed for the very busy G3I-L group. At this time it is intended that John's G4W-X group will be absorbed into a larger group as part of an ongoing G4 series review.

We are still seeking a replacement volunteer to support the busy Contest Calls group. Contesters generate significant numbers of QSL requests and we urgently need a replacement volunteer. If you have an interest in contesting, or taking on the G3I-L group, all you need is a little time, space and basic spreadsheet skills. Please email qsl@rsgb.org.uk and we'll tell you more.



Louis Varney G5RV Cup Ofcom new licensing system

The Louis Varney Cup is awarded for advances in space communication. It was won by Wouter Weggerlaar, PA3WEG for outstanding technical contributions to several amateur satellites and associated outreach. It was presented to him at the AMSAT-UK Colloquium by RSGB Chair Steve Hartley, G0FUW.



The Society has been discussing with Ofcom what many licensees see as problems with the new licensing system. Licensees have been issued with callsigns that appear in callsign lists such as QRZ.com.



Ofcom have reaffirmed that none of the callsigns issued by the new system is a duplicate. Although some of these callsigns have been used in the past (which is why they could be found on QRZ.com or Hamcall.net), none has been authorised under a valid licence for at least two years. In fact, Ofcom made changes to the system on 3 August, which were intended to ensure that callsigns that were last used more than two years ago were also not recycled.

The Society challenged Ofcom on this, as they were receiving reports that some applicants were still getting recycled callsigns, even after the 3 August changes. Ofcom says that it has now loaded the past ten years' worth of licensing records into its new licensing system. That means that if a callsign was last used more than ten years ago, the system may recycle it but that callsigns used in the last ten years should not be recycled. We are urgently discussing with Ofcom how we might help develop a fuller and more comprehensive list, to reduce further the likelihood of recycling.

Although they don't usually allow a callsign to be changed, Ofcom have said that, in the circumstances, if you find that the new system has issued you with a recycled callsign, you may request a replacement if you wish.

Ofcom have also confirmed that the requirement to revalidate licences at least every five years remains. At present the system does not provide an obvious way of doing this but this is also being urgently addressed.

RadCom basics

The October/November edition of *RadCom Basics* will be published on 4 October. This edition will contain the 2nd part of the article on using the DX Cluster as well as an explanation of how and why the HF bands come alive in autumn. There is also an article to help you understand that the sunspot number and the Solar Flux Index mean and how those details can help on the air. Finally, there's an article on taking part in the CQWW contest – the SSB leg is at the end of October. Go to the RSGB website at www.rsgb.org and click on the Publications button.

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 D Rugen, 2E00LG	Mr A Rowley, M0UKR	Mr A Barclay, MM0WXE	Mr J Willis, RS309244	Mr B Kenway, RS309442
Mr A Eid, A9001SWL	Mr L Redgwell, M6GYX	Mr R Clow, MM6FZT	Mr D Price, RS309252	Mr C Harris, RS309467
Mr W Fenech, A16JZ	Mr B Holgate, M6HGM	Mr J Hodson, MW6HDV	Mr G Price, RS309253	Mr H I Hultqvist, SM5FLT
Mr B Schweikert, DL3SCY	Mr M Seabrook, M6HHE	Mr B C Potter, RS208756	Mr S Jones, RS309255	Mr R Hellberg, SM5RVH
Mr P Smit, G0LIY	Mr J Hewlett, M6JTY	Mr W Barmby, RS308989	Master T Scott, RS309275	Mr J Siitari, SV9RMU
Mr T Neale, G0WAB	Mr J Harrison, M6LOX	Mr D Flood, RS309092	Mr G Arnold, RS309323	Mr M Kelly, VE3FFK
Mr D Wormald, G3GGL	Mr N Coady, M6NCX	Mr D A Brown, RS309102	Mr J Kelly, RS309328	Mr R Jacob, VK2BJP
Mr A Grieve, G4ATI	Mr S Shaw, M6PHF	Mr P Neal, RS309120	Mr S Thirlwall, RS309329	Dr I B Egerton, VK2IBE
Mr M Moseley, G6UAN	Mr L Pawson, M6XLP	Mr H R Bennet, RS309156	Mr E Parker, RS309330	Mr B Walker, VK4YS
Mr P Higginson, G7EZH	Mr T Talbot-Humphries, M6ZGY	Mr P Gostelow, RS309158	Mr E Parsons, RS309364	Mr R Stegemeyer, W7HR
Mr D Culver, K3YB	Mr H Kernaghan, M10KOA	Mr P Wedgbury, RS309184	Ms J McCorkell, RS309373	Mr D Wright, W9RIT
Mr K Clowes, KG5LQL	Mr S Morrow, M10ULK	Mr S Gibb, RS309186	Mr A.A Brown, RS309403	Mr D Wilson, WE4X
Mr D Dobbert, KW4UY	Mr D Mulligan, M16MQF	Mrs N Neal, RS309199	Mrs E Reisch, RS309404	Mr R Morgan, ZB2TT
Mr C Mellor, M0HTS	Mr L Hambleton, M16VAI	Mr G Rothery, RS309209	Mr R Doughty, RS309434	
Mr E Smart, M0RFR		Mr N Capstick, RS309234	Mr J Walker, RS309436	

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

Mr P Roberts, 2E0BBP	Mr J G Moggeridge, G1YHB	Mr C F Hosegood, G7IRU	Rev L Clark, M0LAE	Mr O S Alonso, N6PAZ
Mr D S Millard, 2E0MRD	Mr T H Merrills, G3VBS	Mr B M Blight, G8AAD	Ms L V Milford, M0LAS	Mr M Hartley, RS184441
Mr L L L Lyman, 9M2AA	Mr C Turner, G4HKP	Mr I Hill, G8MWK	Mr N Parker, M0NKL	Mr S Rattley, RS184447
Mr A Linton, E12HH	Mr F H Goddard, G4OVS	Mr C O'Connell, G1RXL	Mr S Vickers, M0SSV	Dr C Nadin, VK6ACF
Mr A V Nicholls, G0LUB	Mr A Williams, G4PQY	Mr S C J McAdams, GJ7DNI	Mr C P Hayes, M3HSM	Mr J A Jaminet, W3HMS
Mr R F Greaves, G0MOH	Mr T M Bevan, G4TWW	Mr P Crockford, GM8IOA	Mr J Mirfield, M6XNO	Mr A Mason Jr, WA9KPZ
Mr D G Inston, G0MZT	Mr R L Cook, G4XHE	Mr D Bower, K4PZT	Mr J Dow, M0S0NK	
Mr J Easton, G1ILB	Mr P N Raynor, G6EUF	Mr N Heft, KC2KY	Chorley & DARS, M0OISN	
Mr R J L Stenning, G1LIW	Mr M Kulin, G6PGQ	Mr M Bywater, M0DFF	Mr G L Heron, N2APB	

First UK QSO on 122GHz

UK mmWave enthusiasts have often not favoured the 122GHz band due to the oxygen resonance and water losses, but the first UK QSO took place on 17 July at 1345UTC between G8CUB/P and G0FDZ/P. Both stations were located at Hackpen (IO91CL). The distance was 120m and CW reports were 599 both ways. An earlier attempt at 5km failed with just the merest hint of a signal. A 134GHz QSO took place over the same 5km path but signals were weak. It is hoped that an attempt will be made soon over 1.5km. Power levels were 70 μ W for Chris, G0FDZ and 300 μ W for Roger, G8CUB. One feature of G0FDZ's system was the use of a slab type mixer that has been recently developed to make millimetre wave mixers easier to construct. With this QSO, every allocated UK band has now had at least one QSO.

Spanning the Atlantic on 144MHz

Many people know that Marconi famously first sent radio signals across the Atlantic in 1901 from Cornwall to Newfoundland. It is thought the frequency was around 850kHz (this was a bit before calibrated VFOs!). Now amateurs are trying to make this leap on 144MHz using only tropospheric or ionospheric means.

A transAtlantic 2m QSO has long been sought. The first such verified QSO will be rewarded with the Brendan Award sponsored by the Irish Radio Transmitting Society.

Thanks to an assist from Justin, G0KSC and InnovAntennas, a group of amateurs is closing in on this elusive goal. Frank, VO1HP made his Conception Bay North, Newfoundland summer QTH available for a receive site to listen for transAtlantic VHF beacons using a stacked pair of InnovAntennas LFA-Q Yagis and a two-port InnovAntennas power splitter feeding an SDR receiver.



Boscombe Down Balloon Challenge

Radio amateurs in the south of England are asked to look out for schools and youth groups taking part in the Boscombe Down Balloon Challenge – and to provide any help and encouragement that they can.

The Challenge invites teams of budding engineers and scientists to compete for three £1000 prizes. Entrants will launch their own high-altitude balloon, which will carry a radio telemetry payload operating in the licence-free portion of the 434MHz band. This is a great opportunity to promote STEM (Science, Technology, Engineering and Maths), but many would-be competitors will lack the radio communications know-how that most licensed amateurs take for granted; and any offers of help in this area are likely to be most welcome. This is also a very good opportunity to show off amateur radio to young people.

Full details of the Boscombe Down Balloon Challenge can be found at www.bdballoonchallenge.org/

Competition flights can take place at any time up to and including 31 December 2016 – but leading competitors are already planning their high-altitude missions.

D-STAR QSO Party 2016

Icom Inc will be holding a D-Star QSO party from 0000UTC on 23 September to 2359UTC on 25 September. The format of the party will be the same as in previous years with the goal of encouraging D-Star operators to communicate with as many other operators across the world via D-Star repeaters. For more information visit the D-Star QSO Party 2016 website www.icom.co.jp/world/dqp



Young Ham of the Year

Skyler Fennell, KD0WHB, of Denver has been selected as the 2016 Bill Pasternak, WA6ITF Memorial Young Ham of the Year by the Amateur Radio Newline. Skyler, 17 was first licensed in July 2013 as a Technician and upgraded to General by September 2013. He took and passed his Extra class licence exam in January 2014. His interest in basic electronics was sparked when he was in the fourth grade and continued into middle school and high school. Among his early building projects were a laser Spirograph, audio amplifiers, and high voltage transformer drivers. He began working with the ABOBX STEM School Amateur Radio Club in nearby Littleton, Colorado and got involved in the group's Edge of Space Sciences missions (balloon launches with amateur equipment). He became project manager for its 440MHz repeater and helped put together an AllStar and EchoLink repeater for students, serving as a mentor for construction of the project. Skyler has chronicled several of his amateur radio and technical achievements on his YouTube channel – Skyler FM.

CF31CER

2016 is a year of historical significance for the Canadian Forces 31st Combat Engineer Regiment in St Thomas, Ontario, Canada. It is the 100th anniversary of the 91st Battalion's deployment in June 1916 to France during the First World War and the 150th anniversary of the formation in September 1866 of the Elgin Regiment and its continued operation as the 31st Combat Engineer Regiment.



A Special Event Station, CF31CER, will be operating from 1200UTC on 10 September until 1200UTC on the 11th from the Regimental HQ. To obtain a certificate via email, you must send an email to CF31CER@gmail.com with the contact number provided to you and a return email address.

Sponsor a brick

Construction of the Codebreakers' Wall surrounding Hut 8 at Bletchley Park has been finished. The wall is a re-creation of the original wartime blast wall. You can sponsor a brick to be engraved with the name of a veteran, with your name or in memory of a loved one. The Codebreakers' Wall will be a memorial that will last for generations at Bletchley Park and the money raised will help to complete the transformation of this historic place. Go to www.bletchleypark.org.uk/ and click on 'support us'.

UKFM (Group Western) AGM

The UKFM (Group Western) repeater group is holding its 41st Annual General Meeting at 8pm on Monday 5 September. The meeting will be held at the Warrington ARC HQ, Bellhouse Lane, Grappenhall, Warrington WA4 2SG.

Friedrichshafen lectures

The keynote lectures and presentations from Friedrichshafen Ham Radio 2016 are available from the Documentary Archive Radio Communications. Go to www.dokufunk.org and click on the Lecture Room icon.

Telford HamFest

Telford & District ARS are holding their annual HamFest on Sunday 4 September. This event is held at Enginuity (see Rallies on page 94). As in previous years, there will be numerous traders and exhibitors that people enjoy browsing and from whom they make those 'essential' purchases, as well as an RSGB Information and Book stand. A special feature this year will be a presentation by Noel Matthews, G8GTZ, who is not only Chairman of the BATC (British Amateur Television Club), but was also ARISS



TV Team Leader for the recent Principia project. His presentation is entitled Amateur Radio on the ISS. More information at www.telfordhamfest.org.uk

Orkney Wireless Museum

It is planned that the Museum amateur radio station will be in operation from its premises at Kiln Corner, Kirkwall (www.gb2owm.org.uk) from 1 to 7 September during the 26th Orkney International Science Festival (www.oisf.org). Probable operating periods will be weekdays and Sunday afternoons between 2 and 4.30pm and Saturday between 10am and 12.30pm. Operation will be primarily on HF SSB.

E day

Angel of the North ARC is taking part in E day on 1 October at the Gateshead Public Library. They will be running workshops suitable for all ages such as building a crystal radio, HF radio demonstrations and an oscilloscope experiment. More details from Jacqui Thompson on 0191 433 8406 or email jacquithompson@gateshead.gov.uk

Interference Committee

The German National Society, DARC, has reported that Thilo Kootz, DL9KCE has been elected as Chair of the CISPR/H committee. CISPR is International Special Committee on Radio Interference.

Radio commemoration

On 24 August 1916 Ernest Shackleton completed his epic journey to rescue the crew of the *Endurance*, which had been crushed by ice in the Weddell Sea in November 1915. Remarkably, all lives were saved. The rescue will be commemorated during Endurance Week from 24 to 31 August with a number of special radio activities from the UK and around the world. Modern-day scientific researchers and institutions are invited to participate. More details are available on www.RedKiteRadio.org.uk

New Polish radio club

A new radio club has been formed in Poland, located in one of the schools in Rzeszow. It has all been made possible by a number of radio amateurs from nearby clubs in Debica and Lancut who have given up their time to start this ball rolling. Thanks also go to the school Director as well as the City President, Mr Ferenc, who has taken an interest in this project. The club call is SQ8POP, which is held by Piotr, SP8MRD, so keep your ears open for this call – the school looks forward to working you.

G3KMA inducted into CQ DX Hall of Fame

At the CDXC AGM held recently in Rutland, Roger Balister, G3KMA was presented with the prestigious CQ DX Hall of Fame award by the RSGB President, Nick Henwood, G3RWF.

Roger, who has driven the Islands on the Air (IOTA) programme as IOTA manager, received the award from CQ magazine who said in their citation: "As manager of the Islands on the Air program since 1985, Balister has seen IOTA grow from a few hundred early participants to more than 10,000 today, making it one of the most popular award programs in Amateur Radio."

CDXC is a major supporter of IOTA, both sponsoring individual IOTA expeditions, and also has recently given a major donation to the newly formed IOTA Ltd for its IT upgrade.



Special events

Riviera ARC from Devon will be activating Babbacombe Cliff Railway for Railways on the Air on 24 and 25 September. They will be covering the HF bands and 2m / 70cm, and expect to be busy on 40 / 20 metres. They have requested the usual callsign of GB4BCR from Ofcom.

On 8 September GB4SBB will be operated by Thornbury and South Gloucestershire ARS from approximately 9.30am until dusk. Transmitting on 7 and 14MHz as well as 2m and 70cm the station will commemorate the 50th anniversary of the Severn Bridge.

Happy 100th birthday

Allan Ogden, G5OD was first licensed in 1934 at the age of 18. He celebrated his 100th birthday in Guildford on 4 August. His interest in radio dates back to his days at Manchester Grammar school, where he developed a keen interest in anything and everything electrical. In the lifetime that followed, his prime radio interests were always construction and CW. He devised homebrew kit



Allan Ogden, G5OD operating HF CW at the age of 95.

of all kinds, from simple receivers and QRP rigs to complex transceivers and high power amplifiers. In his early days of radio, like many amateurs of the day, he did, of course, cut and grind his own crystals. Shortly after receiving his licence, Allan moved home to high ground in Colwyn Bay where, with plenty of space for antennas, he met and formed a lasting friendship with David Mitchell, G6AA. The two had many QSOs and did a great deal of experimentation on the bands – including Top Band. Another great friend of those days was John Clarricoats, G6CL, then editor of the *T&R Bulletin*.

In WWII he enlisted and went to work with a group of 'boffins' within the RAF, where he helped to develop very high voltage, high power, beam systems to interfere with enemy airborne guidance devices. After his demob Allan took up radio again, with a special interest in worldwide HF CW operation, and was invited into the FOC (First Class CW Operators' Club), where he held Membership Number 88 for more than 50 years. David, G6AA emigrated to New Zealand and Allan decided to do the same with his whole family. Eventually, Allan built his own house and created a cattle farming business that he ran for some 15 years. He returned to the UK in 1960 and settled in Guildford, and joined the local Guildford and District ARS.

In 2005 Allan became a founder member and treasurer of a new local club with a particular focus on CW: The Wey Valley Amateur Radio Group. He was appointed an Honorary Life Member of the club in 2015. Participating in field days and other contests (of which BERU was always his favourite), he remained active on the bands until the age of 95, when, with severe arthritis setting in, he felt his CW was not up to the standard he would like and regrettably closed down his station. He is now resident in a care home, where, with failing sight, he is still able to read Morse and, on the occasion of his birthday, enjoyed the greetings of fellow club members recorded in Morse code.

New Belarus 5MHz allocation

From July 2016, amateurs in Belarus have had access to the new WRC15 allocation from 5351.5 to 5366.5kHz with a maximum power of 50 watts. SSB, CW and digital modes are permitted to Class A (top level) licensees.

Rally details

The new organisers of the Weston Super Mare Rally on 18 September would like to ask all those traders and clubs who had planned to attend the rally, including those with bookings already in place to please contact Dave, G4CXQ on 07871 034 206 or by email to g4cxq@btinternet.com to confirm their details. The original organiser was taken ill abroad and the relevant files are presently unavailable.

2016 FIRAC Congress

Membership of British Railways Amateur Radio Society (BRARS) is open to anyone with an interest in amateur radio and railways. BRARS is a member of FIRAC (Fédération Internationale des RadioAmateurs Cheminots, which in English is International Federation of Railway Radio Amateurs).

This year, BRARS is celebrating its Golden Anniversary and is delighted to announce that it is hosting this year's FIRAC Congress in Derby from 15 to 19 September. This will be the 55th FIRAC Congress and will attract amateur radio & railway enthusiasts from FIRAC member societies around Europe.

For more information please see www.BRARS.info

Please send all news reports and future events to radcom@rsgb.org.uk. For future events, 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 print 'closed', 'TBA' or 'every Tuesday'-type entries. The deadline for the October edition is 25 August and for November it's 22 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 DTs Bar, Pafos. Visitors welcome.

International federation of Railway Radio Amateurs (FIRAC). www.firac.org.uk

The Radio Officers Association www.radioofficers.com
For former British Merchant Navy Radio Officers.
Radio Officers ARS is a subsidiary of the ROA.

NATIONAL

Amateur Radio Caravan and Camping Club
membership@arcc.org.uk, www.arcc.org.uk
Caravan rallies: Upper Quinton (Stratford)

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

British Amateur Radio Teledata Group
bartg@bartg.org.uk, www.bartg.org.uk
Membership open to those interested in datacoms. Contests and awards organised.

British Railways Amateur Radio Society
mOzaa@brars.info, www.brars.info
2016 is Golden Jubilee. Membership open to those interested in amateur radio and railways.

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

Radio Amateur Old Timers' Association
MemSec@RAOTA.org, www.RAOTA.org
Membership open to those active in amateur radio. Nets: Wed 3.763 at 1000, 1.963 at 2100, Thurs 7.163 at 1100, 3.763 at 1930 and Sun 3.763MHz at 1000.

Travelling Wave Contest Group
secretary@twcg.org.uk, www.twcg.org.uk
Friendly contest group for those who want to be involved with contesting, but who don't have a local club or whose club isn't active in contesting, from anywhere in the UK.

REGION 1: SCOTLAND SOUTH & WESTERN ISLES

Regional Manager: Marcus Hazel-McGown, MM0ZIF,
RM1@rsgb.org.uk

Ayr ARG
Charlie, MMOGNS 01563 551 704
2 80th anniversary planning
16 Demo, John, 2MOJCG
30 Holey Smoke, Marcus, GM4LVW

Cockenzie & Port Seton ARC
Bob, GM4UYZ, 01875 811 723
2 Normal club night
23 2m DF hunt. Meet Co-op car park (East) 6.30pm

Livingston & District ARS
Cathie, 2MODIB, 01506 433 846
6, 20, 27 Training and operating
13 Introduction to contests

Lothians RS
Mike, MM0MLB, secretary@lothiansradiosociety.com
14 LRS President's address
28 Club night

REGION 2: SCOTLAND NORTH & NORTHERN ISLES

Regional Manager: Denny Morrison, GM1BAN
RM2@rsgb.org.uk

Aberdeen ARS
Fred, GM3ALZ, 01975 651 365
1 Junk sale
8 70th anniversary dinner
15, 22 Surprise talk/quiz night
29 Construction and on the air

REGION 3: NORTH WEST

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

Bolton Wireless Club
boltonwireless@gmail.com
12 Social evening
26 More verticals inland and by the sea, MOUFC

Chester & District RS
Bruce, MOCVP, 01244 343 825
6 Modern day CW QSOing, Keith, GW4OKT
20 Transceiver project update, G4FVZ & GW4OKT
27 Social media and us, Graham, G7NEH

Furness ARS
Chris, MOKPW, furnessamateurradio@outlook.com
5, 19 Social meeting, Farmers, Newton
11 Tour de Furness
14, 28 Presentations – HPSSC, Barrow
24, 25 GB2LHR Railways on the Air, Haverthwaite

Macclesfield & District RS
info@gx4mws.com
5, 19 Shack on the air/ Construction
12 A G5RV mod, MOGWF
26 Secret wireless wars

South Manchester R&CC
Ron, G3SVW, 0161 969 3999
1 Aerial erections of the past, Ron, G3SVW
8 Worldwide Radio Prefixes, Ron, G3SVW
15 Radio etiquette, Dave, GOBJK
22 Surplus equipment sale
29 Mini-lectures by all members

Stockport Radio Society
Heather, M6HNS, 07506 904 422
6 Society meeting
15 2m net, 145.375 ± 7.30pm
20, 27 Radio/Skills night

Thornton Cleveleys ARS
John, G4FRK, 01253 862 810
5, 26 Practical evening/construction
12, 19 Natter night / BVWS video

REGION 4: NORTH EAST

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

Angel of the North ARC
Nancy, G7UUR, 0191 477 0036
5, 12, 19, 26 On the air
24, 25 Railways on the air (ROTA) weekend

Colburn & Richmondshire District ARS
Colin, 01748 876 391
8 Contacting the ISS, Paul Hunt, G8PYX
15, 29 Club net, via GB31R, 7.30pm
22 Training, operating, social

Denby Dale RC
Darran, GOBWB, 07974 423227
3, 4 RSGB SSB Field Day from Farnley Tyres
4 WAB 144MHz QRO Contest
7 Working satellites, David, MOODM
21 Huddersfield Repeater Group update, G3SDY

Hambleton (Northallerton) ARS
Tony, G3MAE, 01609 881 530
14 Operating night
28 Club program discussion

Newsham ARTC
John, 2EODCV, 01912 371 729
7, 14 Foundation training
21, 28 Club night

Ripon & District ARS
David, G3UNA, 01423 860 778
1, 8, 15, 22, 29 Club night

Sheffield & District Wireless Society
Krstyna, 2EOKSH, 07884 065 375
7 Vintage, valve & Army gear, G8EQD & 2E0ERA
14, 28 Training and social night / technical
21 Home construction, M6SLO

Sheffield ARC
David, G6DCT, littlewood20@btinternet.com
12 Shack night operating MORCU
19 Space exploration part 2, Ian Hole, GOOUG
26 Club night

REGION 5: WEST MIDLANDS

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

Central Radio Amateur Circle
Martin, G1TYV, 07948 027 994
1 Group meeting
3, 10, 17, 24 Shack on the air, group meeting
4 UKAC 144MHz

Coventry ARS
John, G8SEQ, 07958 777 363
1, 8, 15, 22, 29 Open net 8pm 50.175MHz SSB
5, 12, 19, 26 Open net 8pm 145.375 or 7.16MHz

Gloucester AR&ES
Anne, 2E1GKY, 01242 699 595 daytime
1, 8, 15, 22, 29 Net 7.30pm, 145.550 then QSY
5 Annual general meeting
7, 14, 21, 28 Net, 7.30pm, 145.500 then
145.550MHz
10 GB4GC from Gloucester Cathedral
12 Chassis bashing in the 21st Century, G8CQZ
19, 26 Informal evening and general operating

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

Midland ARS
Norman, G8BHE, 07808 078 003
7 Open meeting, shack on the air & training
14 Committee meeting & training classes
21 Shack on the air, DMR review & training
28 AGM review, open meeting & training classes

Mid-Warwickshire ARS
Don, G4CYG, 01926 424 465
13 Bring in an interesting item to discuss
27 Simple QRP transceivers & receivers, 2EODQG

Rugby ATS

Steve, G8LYB, 01788 578 940
3 Shack on air, 144MHz Trophy contest
6, 13, 20, 27 UKAC, radio operation
10 HF lecture
17, 24 HF shack on the air

Salop ARS

salopamateurradio@gmail.com
1, 15 Natter night / committee meeting
6, 13, 20, 27 CW net, 4.30pm, 144.070MHz
7, 14, 21, 28 Club net 8.30pm GB3LH
8 Shack night with G3SRT on the air
22 Construction contest
29 Quiz night with Powys ARC

South Birmingham RS

Gemma, M6GKG, gemmagordon.m6gkg@gmail.com
1, 8, 15, 22, 29 Training classes, Dave, G8OWL
2, 3 Preparing for Telford Hamfest
4 Club stand at Telford Hamfest, helpers needed
5, 12, 25 Work in the shack
6, 13, 20, 27 Coffee morning, 11am-1pm
9, 23 Unload/ work on the trailer

Stratford Upon Avon & District RS
GOCHO, 01608 664 488

5, 19 Club net, 145.275MHz FM, 8pm
12 Open meeting, programme & project planning
26 Reverse engineering, John, G1AWJ

Sutton Coldfield ARS

Robert Bird, spirit.guide@hotmail.co.uk
5, 19 Open net, ±145.250MHz, 7.30pm
12, 26 Club meeting
13 Open net, 70.475 FM, 7.30pm
27 DMR open net GB7FW slot/local2, 7.30pm

Telford & District ARS

John, M0JZH, 07824 737 716
7 Committee meeting & GX3ZME OTA
14 Hamfest debrief / talk of the Guernsey trip
21 Rig Expert antenna analyser
28 Digital filters, Richard, G0VXG

Wythall Radio Club

Chris, G0EYO, 07710 412 819
2, 9, 16, 23, 30 Nibbles night in the shack
4, 11, 18, 25 Club net 145.225 or GB3WL, 8pm
6, 20 Morse class, 7.30pm, club meeting, 8pm
13 Morse, 7.30pm, meeting, 8pm, committee 8.30pm
26 Curry night
27 Morse class, 7.30pm, 3x15 minute talks, 8pm

REGION 6: NORTH WALES

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

Dragon ARC

Stewart, GWOETF, 07833 620 733
5 Club business/construction comp planning
19 Talk by John Shorney from National Grid

North Wales Radio Society.

Liz, GWOETU, 0776 019 0355
1 General meeting
8 Technical topic, John, GW4GRW
15 DF hunts, Simon Taylor
22 Pedestrian DF hunt
29 Discussion night & update on DF hunt

REGION 7: SOUTH WALES

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

Aberystwyth & District ARS

Ray, GW7AGG, 01970 611 853
3 Across Wales walk
8 HF on the air night with refreshments
29 Net on 145.500 then 145.550MHz

Llanelli ARS

Craig, MWOMXT, 01269 845 773
3 GB1PCA on the air
5, 19 Social evening/DVD night
12, 26 On air night/junk sale & club raffle

Newport ARS

Margaret, GW4SUE, 01633 665 289
2 Nostalgia night
4, 11, 18, 25 Club net, 10am, 3.705MHz
6, 13, 20, 27 Club net, 8pm, 145.425MHz
24 GB4OST, Railways on the Air

REGION 8: NORTHERN IRELAND

Regional Manager: Philip Hosey, MI0MSO
RM8@rsgb.org.uk

Bangor & District ARS

Norman, GI3YMY, norman.newell@yahoo.com
1 AGM

REGION 9: LONDON & THAMES VALLEY

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

Aylesbury Vale RS

avrs@rakewell.com
14 Presentation by Vic, G6GDI

Bracknell ARC

Andy, M0HAK, andy@m0hak.co.uk
7, 21, 28 Open net, 8pm, 145.375MHz
14 Visit to National Grid, 6pm

Burnham Beeches RC

Charles, GOSKA, 01753 647 101
5 Junk sale
19 Open evening, all welcome

Edgware & District RS

Mike, G4RNW, 02089 500 658
8 Sorting out club's unwanted stock
22 Bring & show evening

Harwell ARS

Malcolm, G8NRP, 01235 524 844,
info@g3pia.org.uk
8 Natter night

Newbury & District ARS

Rob, G4LMW, 01635 862 737
28 Mini DXpedition to HC8, Geoff G80FQ

Radio Society of Harrow,

Linda, G7R JL, lcasey@imperial.ac.uk
5, 12, 19, 26 Club net, 8.15pm, 145.5 then QSY
2 Surplus equipment sale
16 70th anniversary celebration, by invitation
25 Outdoor event 2-5pm Old Redding car park

Reading & District ARC

Laurence, G2DD, 0758 470 6625
3, 4 SSB Field Day
8 VLF, Georg Wiessala
12, 17 Advanced/Intermediate course

Southgate ARC

Mr K Mendum, G8RPA, g8rpa@arrl.net
14 History of ballooning, Mike Hodgson, MONOE
22-25 Railways on the Air (ROTA)

Verulam ARC

Greg, M0PPG, 01582 413 345
8 Social with GB3VH Repeater Group, 7.30pm
20 CQ160m experimenting with antennas, MOUKR

REGION 10: SOUTH & SOUTH EAST

Regional Manager: Michael Senior, G4EFO
RM10@rsgb.org.uk

Basingstoke ARC

Peter, GOKQA, 01256 414454
19 Alexanderson VLF Tx at Varberg, MOKER

Bromley & District ARS

Andy, G4WGZ, 01689 878 089
7, 14, 21, 28 Net 145.500MHz (and QSY) 9pm
18 Foundation course
20 Digital mobile radio

Coulsdon ATS

Mike, M1CCF, 020 8654 2582
12 One man and his Guide Dog, Paul Harman

Crawley ARC

John, G3VLH, 01342 714 402
18 Microwave Round Table
28 How your antenna really works, G3JKV

Cray Valley RS

Richard, G7GLW, 07831 715 797
8 PMR/emergency communication, G3ZPS
22 Surplus sale

Crystal Palace R&EC

Bob, G30OU, 01737 552 170
2 Geographical mapping, Nick Stapley
and eutectic points, Jim Lugsden

Dorking & District RS

David, M6DJB, djb.abraxas@btinternet.com
27 Amateur radio in Cyprus, G4PFF/5B4AGX

Dover RC

Aaron, 2E0FQR, 0771 465 4267
7 Winter project planning evening

Eastbourne Electronics & Radio Club

Events@ereclub.org.uk
12 Project/demo
26 Talk/meeting

Echelford ARS

John, G4GSC, 01784 451 898
8 DXpedition to Honduras, John, G4IRN
22 On air/CW practice/Bring & Buy/natter night

Fareham & District ARC

Chris, G7MFR, chris@jenkins-powell.com
7, 14, 21 Informal meeting
28 Film

Hastings E&RC

Gordon, 01424 431 909
28 Learning the code, Phil, G3MGQ

Hilderstone R&EC

Ian 2E0DUE, hilderstoneclub@gmail.com
3 HF contest at Capel
8 Natter night
22 DRM talk
24 Air Ambulance event

Hordean & District ARC

Stuart, G0FYX, 02392 472 846
2 Natter night/social evening
16 Club members' 15-minute talks

Horsham ARC

Alistair G3ZBU, 07855 268666
1 Life at sea as a Marine RO, Peter Gavin
15 Social, The Royal Oak, Wineham

Mid-Sussex ARS

Stella, M6ZRJ, 01273 844 511
2, 9 Radio night & table top sale

Deadlines: 25 Aug, 22 Sep

16 Prep for Town Day
 17 Haywards Heath Town Day
 23 Skittles evening
 30 Indian Hospital & the Chatri during WW1,
 Amanda Jane

Southdown ARS

Andy, M6GND 01323 486 924
 3 12.30pm 144.3 SSB/145.5 FM/51.6 FM
 5 Auction
 7 8.30am 145.275 FM, 10.30am shack
 open, 12.30pm cafe, 2.30pm various nets
 8, 15, 22, 29 9.50am/10am various nets
 10, 17 9.50am/10am/12.30pm various nets
 10, 11 CHOTA at West Dean
 14, 21, 28 8.30am/2.30pm various nets
 12.30pm cafe
 18 70MHz Contest

Surrey Radio Contact Club

John, G3MCX, 020 8688 3322
 1, 8, 15, 22, 29 Net, 70.300MHz, 8pm
 2, 9, 16, 23, 30 Net, 145.350MHz, 8pm
 4, 11, 18, 25 Net, 1905kHz, 9.30am
 5 Test equipment, Bob Burns, G300U
 19 Chat and fix-it, John, G8MNY

Sutton & Cheam RS

John, GOBWW, 0208 644 9945
 15 AROS, Vince Shirley, GOORC

Worthing & District ARC

Al, MOOAL, information@wadarc.org.uk
 4 9am Sunday breakfast
 20 G3WOR on the air evening

9, 30 Relax & chat + operating & training
 16 Video evening (radio related) +relax and chat
 23, 24 Preparation for ROTA (Avon Valley Railway)

Plymouth Radio Club

David, 2E0DTC, d.beck123@btinternet.com
 13 Club transmitters on the air

Riviera ARC

rivieraarc@gmail.com
 1 Visit to Friedrichshafen 2016 video, G4XKH
 15 Club night

Saltash & District ARC

Mark, MOWMB, 01752 215 546
 12 CHOTA, GB5IVE, St Ive Methodist Church

South Bristol ARC

Andrew, G7KNA, 07838 695 471
 8 DVD night, *The Secret War* episode 4
 15 Table top sale
 22, 24, 25 ROTA briefing/Railways on the Air
 29 Open house and on the air night

Thornbury & South Gloucestershire ARC

tsgarc@gmail.com
 2, 9, 16, 23, 30 Club net
 7 Arduino, Paul, MOZMB
 8 Severn Bridge 50th special event
 14, 28 On the air night
 21 Project night

Torbay ARS

Dave, G6FSP, g6fsp@tars.org.uk
 2, 9, 16, 23 Club night & business meeting (9th)
 11 Mobile Communication Rally, Newton Abbot
 30 Aerial construction presentation

Weston Super Mare RS

Martin, G7UWI, 01934 613 094
 5, 12, 26 Construction, operating & natter nights
 18 Radio rally
 19 SDR radio, G1PIB

Yeovil ARC

Rodney, MORGE, 01935 825791
 1 Morse, Rob Mannion, G3XFD
 8 GB7YS and TDMA DMR technology by G3ZXX
 22 Morse practice by G3MYM
 29 Station on the air

REGION 12: EAST & EAST ANGLIA

Regional Manager: Keith Haynes, G3WRO
RM12@rsgb.org.uk

Braintree & District ARS

John, M5AJB, 01787 460 947
 5 Railways on the Air planning, natter night
 19 Operating evening HF, 2m and 70cm

Cambridge & District ARC

Ian, MOHTA, publicity@cdarc.co.uk
 4, 11, 18, 25 Various nets, 8.30, 10.30 &
 11.30am
 5, 12, 19, 26 Club net, 8pm 145.550MHz FM
 9 SDR Play expert demo, Jon, G4ABQ
 23 Foundation shack evening + Tx Factor video

Chelmsford ARS

secretary@gomwt.org.uk
 1 Foundation course
 6 Millimetric microwaves, Chris, GOFDZ
 19 Skills night at Danbury Village Hall

Colchester Radio Amateurs

Stefan, M0XLB, 07771 616 676
 1, 8, 22, 29 Club net 3.685MHz LSB 7pm
 6, 13, 20, 27 Club net 433.425MHz FM 7pm
 7, 14, 21, 28 Club net 145.350MHz FM 7pm
 15 Contest tips, Jonathan, GODVJ

Felixstowe & District ARS

Paul, G4YQC, pjw@btinternet.com

11 Martlesham airfield SES
 12 ESWR post mortem
 24, 25 Foundation course
 26 RSGB update, Keith, G7CIY

Leiston ARC

m0iah2008@gmail.com, 01473 738 593
 13 Surplus sale
 27 2m+70cm contest

Loughton & Epping Forest ARS

Dave, MOMBD, 0798 016 5172
 1, 8, 15, 22, 29 Net, 144.725MHz, 8pm
 2, 16, 30 Club meeting
 10, 11 GB2ECS (Essex Country Show)
 24, 25 GB2RGM (Royal Gunpowder Mills)

Norfolk Coast ARS

Steve, G3PND, info@norfolkcoastamateurs.co.uk
 1 Preparing for SSB FD
 8 Design & construction of NCARS transceiver
 15 Visit to Blechley Park
 22, 29 The next construction project

Thames ARG

targradio@outlook.com
 2 Club night
 9, 23, 30 TARG nets on GB3DA
 16 TARGnet Night (Members only)

Thurrock Acorns ARC

Gordon, 2E0ELI, acorns@taarc.co.uk
 1, 8, 15, 22, 29 Open net, 2m FM, 7.30pm

REGION 11: SOUTH WEST & CHANNEL ISLES

Regional Manager: Pam Helliwell, G7SME
RM11@rsgb.org.uk

Appledore & District ARC

Alan, M6CCH, 01237 422 833
 19 Programming your Baofeng radio,
 Mike, G4KXQ

Bristol RSGB Group

Robin, G3TKF, robin@g3tkf.co.uk
 26 Chat night inc GOFUW on the AMSAT/ISS

Burnham on Sea ARC

Brian, G4RGY, 01278 683 645
 7, 21 Club night

Callington ARS

John, G4PBN, 01822 835 834
 7 Cover off equipment evening

Cornish RAC

Steve, G7VOH, 01209 844 939
 1 Committee meeting
 7 Main meeting
 15 Club evening

Exeter ARS

Nick, MONRJ, 01363 775 756
 6, 13, 20, 27 GB3EX repeater net at 7.45pm
 14 Digital modes workshop
 28 First Aid training Part 1

Exmouth ARC

Mike, G1GZG, 01395 274 172
 7 Public & local club evening
 21 Operating night

Mid-Somerset ARC

David, G8BFV, 01749 670 085
 13 Recent developments in digital ATV, G8VPG

North Bristol ARC

Mat, G7FBD, g7fbd@gb3bs.com
 2 Enigma part 2
 3, 10, 17, 24 DMR net, 7pm, Slot2 talk group 950
 4, 11, 18, 25 Open net on GB3BS 7-8pm

REGION 13: EAST MIDLANDS

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

Lincoln Short-Wave Club

Pam, G4STO, 01427 788 356
 1, 8 Club repeater net via GB3LM, 8pm
 3, 10 Saturday surgery, G6COL on the air
 6, 13, 20, 27 UK Club Contest
 7, 17 Shack activities and G5FZ on the air
 14 Nibbles and natter night
 15, 22 8pm Club net 145.375MHz
 21 Formal meeting
 24, 28, 29 National Hamfest prep and set up

Loughborough & District ARC

Chris, G1ETZ, 01509 504 319
 6 Video night via internet
 13 Under the hat, Albert & Andrew
 20 Vintage radio, bring something along
 27 Practical evening

RAF Waddington ARC

Bob, G3VCA, 07971 166 250
 5, 12, 19, 26 Club net, 145.325MHz 8pm

Spalding & District ARS

Graham, G8NWC, 01775 760 832
 4 BBQ and Fun day at the caravan

Welland Valley ARS

Peter, G4XEX, 01858 432 105
 5 On the air sked, 145.275 FM
 19 CW and multimode decode night
 30, 1 Oct National Hamfest

Workshop ARS

Paul, MOPJA, 07890 626 684
 1, 8, 15, 22 Technical, construction, CW and
 operating
 6, 13, 20, 27 Club Night & UKAC
 18, 25 Intermediate course 6pm
 29 SOTA, a game of two halves, MOPJA & MOONI
 30 Sep, 1 Oct National Hamfest

REGION 2: SCOTLAND NORTH & NORTHERN ISLES

Dundee ARC is continuing to encourage and support both newcomers and those progressing through the ranks of amateur radio. In July, another five candidates sat the Advanced exam and all received positive results. Four of the candidates were from the Dundee club and one was from Renfrew, near Glasgow. Congratulations to Rolfe James, Rab

Turpie, George Sinclair, Tony Barclay and Stephen McCallum. Some of the students used the Bath Correspondence Course as part of their training and all have said that they were very pleased with the information and assistance they received. Tom, GM3NHQ ran a Tuesday night course to augment the Bath training.

REGION 4: NORTH EAST

Bishop Auckland RAC meets every Thursday at the Stanley Crook Village Hall at about 7.45pm. Everyone is welcome. The club has a fully operational shack and members can operate radios using all bands. Training is provided by Tim, MOACV and Bob, GOOCB. For training enquiries, please email g4ttf@yahoo.co.uk.

Hambleton (Northallerton) ARS congratulates Mac who recently became M6RYE. From September the club will be moving to a new

venue for four months while the current location is being demolished, so the club will meet at Northgate Horticulture, Yaffort Road, Northallerton DL7 0LG.

Paul, M6PQD received his certificate for passing his Foundation exam at Houghton-Le-Spring ARC. Congratulations from all members at the club and they look forward to hearing him on the air.



In June, members of Pontefract & District ARS operated GB4CON (g-BACON!) at Farmer Copley's Festival @ the Farm, an annual Fun Day. Operating on 2m only for this occasion, there was a constant run of contacts for most of the day until they all dried up – around the time of the football match! Stations worked included those in the Yorkshire Dales, Bury, Nottinghamshire and Derbyshire, all using 50W FM. The image shows Niall, G4ISU, operating the station from outside the caravan. The banner, a copy of the QSL card, received many comments, with quite a few people asking about amateur radio.

Durham & District ARS running GB13COL, the 13 colonies special event. The event took place from 1 to 6 July, with the final number of contacts made at 3113. The station was running HF and digital modes with many operators staying over night. The photo shows Tom, MOHYE and Jim, G7TFX.



York Radio Club at Snowball Plantation (York) taking part in the Field Radio Event in May, organised by Steve, 2E0YYK. The photo shows Bob Campbell MBE, MOHNL on the radio.

REGION 5: WEST MIDLANDS

Midland ARS sends congratulations to Gary Parr on passing his Foundation exam with a pass rate of 23 out of 26. His instructor was Steve, MOSSV. Brian Potter also passed with 23 from 26.

REGION 7: SOUTH WALES

Risca and District ARS visited Bletchley Park, enjoying a guided tour around the Park. The tour lasted about an hour and was extremely informative and enjoyable including the humorous stories related by the tour guide. The attention to detail at Bletchley is impressive. Sound effects are particularly noteworthy, including very realistic aircraft sounds as you tour the Park. The National Radio Centre has exhibitions from the first inventors in the late 19th century through to future radio developments. Visitors will find films, interactive displays, hands on experiments and even the opportunity to go on air in the state of the art amateur radio station. Visitors who hold an amateur radio licence are welcome to operate the station for a short while if circumstances permit, but remember to bring a copy of your licence with you. The National Museum of Computing houses Colossus and was a very interesting stop.

In July, Newport ARS presented Doug, MW0OPY with a framed photograph in recognition of him successfully completing the Jester Azores Challenge 2016 (www.jesterinfo.org). Doug sailed single-handed to Praia de Vitoria, Terceira in the Azores and back on his boat the Jekeeda II. On board he had a Yaesu FT-847 and inverted L cut for 20m. For the duration of the trip Newport club maintained a regular listening watch for Doug and ran their normal 2m net in parallel with 20m thus enabling Doug to call in if conditions permitted.



REGION 8: NORTHERN IRELAND



Causeway Coast & Glens ARC help fund raise with the Robert Quigg VC Commemoration Society. GBOVC was first used on July 2014 and a special QSL card was designed which tells the story of Quigg VC's bravery. Many stations have been contacted in over 60 countries throughout the world. A field day was held in Bushmills in 2014 to raise funds and it turned out to be a great day. The club also activated the GBOVC callsign in July 2016. Club members were present at the unveiling of the new bronze Statue of Robert Quigg VC by Her Majesty The Queen.

REGION 10: SOUTH & SOUTH EAST

Horndean & District ARC has been running its 16th Foundation course. At the exam, five of the six candidates passed and club members look forward to hearing them on the air very soon. The club is moving to a new venue, and meeting on a different day (1st & 3rd Fridays). From 2 September they will be meeting at Deverell Hall, 84 London Road, Purbrook, Waterlooville PO7 5LU. You can check out details on the website <http://hdarc.co.uk/>.

REGION 11: SOUTH WEST & CHANNEL ISLES

Plymouth Radio Club took part in Armed Forces Weekend, a larger event than previous years that drew record crowds from all over the West Country. The radio caravan, located on Plymouth Hoe, had the transmitters on display, using GB1AFW throughout the two day event. Members were on hand to offer help and advice to those interested. During the two days, contacts were made with Scandinavia, Spain, Italy, New Zealand and the United States just to name a few.

Thornbury and South Gloucestershire ARC took an active part in the annual Thornbury Carnival. It was a hugely successful event where the club gained at least two potential guest speakers and three new members with many more interested in things like SDR that were on display by club members. Those involved included Mark, M6KMJ, Derek, M6DTT, Gary, G7NVZ and Peter, M6KVA. The club plans to attend the sister event in South Gloucestershire during September.



REGION 12: EAST & EAST ANGLIA

Members of Essex Ham operated two special event stations celebrating this year's Summer Solstice. GB1JSS was active at the popular /P location of Galleywood Common, near Chelmsford, making contacts on multiple bands and helping newer members to get their first taste of working a busy special event station. Keen to spread the word about amateur radio, Essex Ham also held an introduction to amateur radio to staff and pupils at Estuary High School. This included discussion of the Tim Peake ARISS contacts, use of the RSGB's *A 21st Century Hobby* video, and setting up a 70cm station to allow the youngsters and staff to send greetings messages.





Thurrock Acorns ARC had a talk from Miles, one of the newest club members, about how he became a radio amateur. He said it all started years ago when his father was in the RAF designing circuits for the various weapons systems. Although he was unable to talk in detail about his work, Miles' interest in electronics grew and his father would sit with him either building electronics kits, or carefully cutting balsa wood to build gliders. Recently, with the club's support, he passed his Foundation licence and is now very active exploring the amateur bands transmitting audio, television and data modes. Thunder and lightning certainly livened up the Horndon Feast and Fair event when the club ran a special event station. There was a steady flow of visitors, including the young lady in the picture (left) who sent a short message via the Morse key on the table. In the middle of the afternoon the sky turned black and the thunder and lightning rolled in so the gazebo changed role, to a wet weather tent.



The June Essex Skills Night saw several new presentations on offer to visitors, including a series of kits from hupRF.com, log-periodic PCB antennas from Sam, G4DDK and a home-made wind speed kit made by Alan, MOIWX using an Arduino.



As part of the Marconi Hall Street Factory Exhibition, Chelmsford ARS members assisted young people in building AM radios from a kit of parts. Christopher, GOIPU carried out PAT testing on all the equipment the week before, which was a bit tedious, but necessary. Michael, G4NVT was charged with turning the radio educational packs into individual kits. By utilising an A4 sheet he laid out all the components in a manner that was easy to use with each item labelled. Each session was well attended and the youngsters looked the part as each was given a white lab coat to wear; this really set the scene. The radios mostly worked first time, whilst others needed coaxing into life and the 'Chief Engineer' Ed, G8FAX oversaw all construction. All age groups and abilities were catered for, and no-one went home disappointed. Over the two days some 35 radios were built; all worked, and everyone had a great time. Thanks to Chris, Ed, Michael, Andy, Jack and Murray for getting involved in a worth while event. Photo (above) courtesy of G4GHO.



Howard, G6LXK and Mike, G8DJO were the annual Braintree & District ARS DF hunt victors, with first timers Colin, M6NCU and Joe, M6YEL running a close second. A recent meeting saw Neville, G8CDG faultfinding and overhauling an FRDX400 receiver (above). All of the valves were tested on Jim, GODCR's vintage AVO No 3 tester and a replacement is being sought for one that was found to have a low output.



Four Intermediate licensees have started to construct a transmitter and receiver at Norfolk Coast ARS. The rig is being designed jointly by members, using discrete transistors on a stage by stage basis – each stage is discussed and analysed in detail, with the concept that this will help the Intermediate licensees prepare for their Advanced exams in due course. The first stage is a single transistor regenerative TRF receiver to be followed by RF and audio stages, then the transmitter.

REGION 13: EAST MIDLANDS

Jim, GOEJQ, the RM for Region 13, visited Eagle Radio Group. It was a very interesting evening with three previous members visiting from Australia – Celia, VK4POM, Roger, VK4TV and David, VK3DBD.

RAF Waddington ARC welcomes all, whether licensed or just interested in getting started. A recent and very welcome visitor was Maya, JG1MRG from Japan, who said she enjoyed her visit.

Chefs Pam, G4STO and Steve, M5ZZZ prepared food in the pouring rain for members of Lincoln Short Wave Club at the annual Sausage and Burger Night. The new RSGB DRM Andrew Gilfilan and his family joined them at the event. Although the weather was dreadful members enjoyed a fun-filled evening.