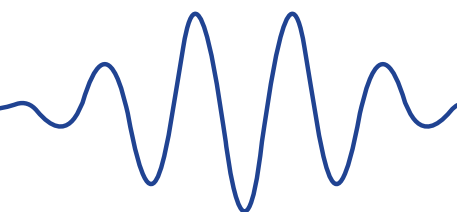




Radio Society of Great Britain

Advancing amateur radio since 1913



Affiliated Clubs Newsletter

April 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.

It's that time of year

This edition brings with it the opportunity to review the work of your Society provided by the small HQ staff and thousand or so volunteers who work throughout the year to support amateur radio in the UK, and to deliver benefits to you, our Members. So please take a few moments to read the various committee reports, update yourself on our finances and consider coming to Glasgow for our AGM and the informal session that follows in the afternoon.

With Spring around the corner it is time to think about portable operations and Derek Murray, MORFY shares his interest in 6m with a 3 element Yagi design where no parts are longer than 1m. This portable aerial fits in a single bag, sets up (and takes down) really easily and, importantly, has no screws or other awkward fasteners to fumble with in the cold or drop into the grass, see page 32.

I would also like to draw attention to the excellent work done by our younger Members. Adam Hutchison, MMOKFX, who is one of the members of our Youth Committee, has written an article about the YOTA month (December) activity, bringing out how many clubs took part, giving so many young people their first taste of amateur radio, see page 22. We also have the latest on the schools' contacts with Tim Peake aboard the ISS, page 38. If we ever wanted an excuse to bring amateur radio into schools, this is the opportunity. In addition to the excellent work undertaken by the ARISS team, I am delighted to see the accompanying pre-work that is being done through the Buildathons, and the follow-ups planned through the Schools' Link Project.

Finally, I always enjoy Peter Hart's reviews and this month he takes a look at the Elecraft K3S transceiver and explains the technical innovation that has taken place with this latest offering, see page 84.

John Gould, G3WKL
RSGB President

Band plans

Further to the copy in *RadCom* last month, the online version is on the website in various formats at <http://rsgb.org/main/operating/band-plans/>
The online version includes a more visible list of changes.

YOTA 2017

The Board has agreed to submit a bid to the IARU to host the 2017 Region 1 International YOTA Summer Camp in the UK. If successful, this will see young members from countries within Region 1 coming together for a week long programme of amateur radio related activities.

The IARU have run a *Youngsters on the Air* Summer Camp since 2011, hosted in Romania, Belgium/Netherlands, Estonia, Finland, Italy and, this year, Austria.

RSGB AGM

The 89th AGM will be held in Scotland on Saturday 23rd April 2016 commencing at 12 noon. Arrangements have been made for Members who are unable to attend the AGM to cast their votes by proxy – go to www.rsgb.org/AGM2016 for details. Whilst we encourage Members to vote electronically via the website wherever possible, if you require a postal vote please call HQ on 01234 832 702.

Lunch will be provided for Members who notify their attendance in advance. Please register using the form on the website at www.rsgb.org/attendagm

Train the Trainers

The Martin Lynch Training Academy is hosting an RSGB *Train the Trainers* session in Staines on Thames on Saturday 23 April. The course will run from 9.30 until 5pm and is free for RSGB Members.

The venue is easily accessible from M25 junction 13. Staines station is just 4 minutes walk away and less than 40 minutes from London Waterloo.

Train the Trainers is designed to encourage and support anyone delivering Foundation, Intermediate and/or Advanced licence classes who is not already a professional teacher. It's a fun day delivered by 3 enthusiastic professional teachers and keen radio amateurs, who between them have over 50 years' experience in the classroom. To book a place please email steve@HamRadio.co.uk or visit www.hamradio.co.uk/training.php

Torbay ARS are hosting a *Train the Trainers* session in Newton Abbott near Torquay on Saturday 18 June. The course will run from 9am until 5pm and is free for RSGB Members.



RadCom Basics

The April/May 2016 edition of *RadCom Basics* will be emailed out to subscribers on Tuesday 5 April. It will contain features on making homemade coaxial trap antennas (part 2), receiving transmissions from the International Space Station, what is JT65?, and getting your first HF award with International Marconi Day.

RadCom Basics is aimed at new amateurs and those who may want to find out more about aspects of the hobby they may have never considered. You can find out more about *RadCom Basics* and subscribe in the publications section of the RSGB website, www.rsgb.org.

Calling Notice for AGM 2016

Notice is hereby given that the 89th Annual General Meeting of the Radio Society of Great Britain will be held on Saturday 23rd April 2016 at Glasgow City Hotel, 36 Cambridge Street, Glasgow, G2 3HN commencing at 12 noon for the transaction of the undermentioned business.

Agenda

To receive and, if approved, confirm the Minutes of the 88th Annual General Meeting held at the Royal National Hotel, 38-51 Bedford Way, Russell Square, London WC1H 0DG on 25 April 2015 and circulated to members in the April 2016 *RadCom*. (Resolution 1)

To receive and consider the accounts for the period 1 January 2015 to 31 December 2015 and the reports of the Board and the Auditor that appear in the April 2016 edition of *RadCom*.

To appoint Auditors Sayer Vincent and to authorise the Board to fix their remuneration. (Resolution 2)

That Graham Murchie, G4FSG, be elected a Director of the RSGB to serve on the Board. (Resolution 3)

That Ian Shepherd, G4EVK, be elected a Director of the RSGB to serve on the Board. (Resolution 4)

To elect either Geoff Darby G7JGU or Ian Douglas, G7MFN as Regional Manager for Region 4 (North East England) (Resolution 5)

By order of the Board, R Thorogood, G3KKT, Honorary Company Secretary

Formal Minutes of the 88th Annual General Meeting of the Radio Society of Great Britain held on 25 April 2015 at Royal National Hotel, London

Resolution 1

To receive and, if approved, confirm the Minutes of the 88th Annual General Meeting. Proposed by Mike Isherwood, G4VSS, seconded Len Paget, G4MOONX. Motion carried by a show of hands.

Resolution 2

To appoint Auditors Sayer Vincent and to authorise the Board to fix their remuneration. Proposed by Graham Murchie, G4FSG. Seconded by Richard Horton, G4AOJ. Motion carried by a show of hands.

By order of the Board. R Thorogood, G3KKT, Honorary Company Chairman

Nominated Directors

There will be two nominated Directors proposed for election at the 2016 AGM – Graham Murchie, G3FSG and Ian Shepherd, G4EVK.

Graham Murchie, G3FSG. I joined the RSGB Board in 2013 and have been Chairman since May that year. In that time, I have endeavoured to build on the changes that the Interim Board introduced. As a Board we have, amongst many other things, established the Youth Committee, employed a Communications Manager and introduced *RadCom Plus* in response to requests from Members. I am standing down as Chairman but believe that I can continue to actively support the Society as a Board member.

The future of amateur radio and the RSGB lies with this country's young people and we must acknowledge this whilst recognising the needs of our existing Members. As a schoolboy, amateur radio significantly influenced my career and now I am putting something back into the hobby that has considerably shaped my life.

I have been active for nearly 50 years; first licensed as G8AXU, I am operational on all bands from 50MHz to 10GHz as well as occasional forays onto the HF bands. I am well aware of the continuing need to maintain and protect *all* of our frequencies from VLF to 250GHz especially from the increasing threat of EMC.

I had a long, senior level career in BT mostly spent trouble-shooting and looking for solutions 'outside the box'. I have also been the CEO of a 50-man start-up software company and held several other board level roles.

The RSGB must continue to develop and implement new strategies and its core values in a way that ensures the participation – and retention – of the younger generation as well as our more experienced amateurs.



Ian Shepherd, G4EVK. Licenced 1976 as G4EVK; Sometime member of: Isle of Wight Radio Club, Bath & District Amateur Radio Club, West of Scotland ARS, Melton Mowbray ARS, Lincoln Short Wave Club (Chair 2015–). Member of RAYNET (Melton Mowbray); DRM 131 Leics and Rutland; Trustee, Legacy Committee 2012–; RSGB Examinations Standards Manager 2014–; Member CDXC, G-QRP, VMARS, RAOTA; Chair, National Hamfest 2015–. Technical member BSI and ISO; Qualified vocational teacher (PTLLS and QCF), Operating on HF, VHF and latterly investigating and experimenting with digital voice communications: avid designer and builder of many radio related projects.

Previously employed at Director level in a membership organisation which is also a professional regulator with a large voluntary external workforce, I recognise the tensions between members' aspirations and organisational obligations. Resources management, development of strategic objectives, together with motivation and management of volunteers are frequent challenges. The strength of the RSGB is in the mandate from its Members and clubs to deliver and perpetuate a robust future for amateur radio, embracing all modes and activities. It is important to effectively communicate with both clubs and individual members in order to maintain a strong relationship. I will:

- bring experience of project development, appraisal and establishment of secure working relationships with all stakeholders and build consensus. Employ proven quality assurance and risk management expertise
- bring experience of strategic planning and change management in a membership organisation with regulatory responsibilities.
- foster those joining our hobby and encourage them to progress through the levels of licence in order to enhance their knowledge, skills and privileges.
- encourage further links with organisations such as service cadets, Scouts and educational establishments
- promote amateur radio to the wider public by enhancing the publicity of special events and activities.
- further encourage and support volunteers and clubs by learning about their aspirations and ensure more publicity and reports of their activities
- listen carefully to members' views to inform policy discussions by attendance at rallies and club meetings.

It is pleasing to see the recognition of volunteers' invaluable contributions within the RSGB. I will seek to further strengthen the communications with the regional teams and specialist committees.



Region 4 Election

Geoff Darby, G7GJU

Date of birth 26 May 1945

CV. I have 4 years past experience as Deputy Regional Manager. I have 1 year past experience as co-opted Region 4 Manager. I have 9 years past experience as Elected Region 4 Manager. I Have been President of the Worked all Britain Awards Group in total six times. I have serve as Secretary of Worked all Britain Awards Group for 15 years. I am at present Deputy Group Controller of North West Durham Raynet, a position I will hold until the 2016 AGM when I will hand over the position to someone else.



Personal Statement

I believe the RSGB and its volunteers are there for the members and the clubs and not the other way round this was something that I constantly used to remind my team of. There appears to be a lot of apathy regarding Amateur Radio today and as I have always done I will work to help strengthen what we have got and wish to keep. If I am successful in this election I will endeavour to do as before and that is to work for the Members and the Clubs wherever and whenever possible. I believe if we all pull together Amateur Radio will flourish.

Ian Douglas, G7MFN

Date of birth 2 February 1955

CV. May 1971 to September 1971, Provincial tyre company :- reling brake shoes. September 1971 to November 1990; 1971 to 1975 :- Apprentic ship for Rolls Royce, 1971 to 1975:- Attended Wearside collage for engineering training, Rolls Royce Aero engines:- Job included fitting andnd turners of all engine parts. 1995 to November 1990 Finial Inspection of Aero Parts for permission to fly, liasion with all major airlines if any parts were found to have a fault and Rectifier. Retired in 1990. 1990 to 1991 Attended Wear side collage for the RAE passing with a Credit and distinction



Personal Statement

Hello my name is Ian Douglas callsign G7MFN since 1991, married to Tara M3TNI. Harold Scrivens GOUGE appointed me as DRM region 4 covering Northumberland to Northallerton. I have attended Regional council meetings representing Nigel GOBPQ RM, I have attended a number of rallies representing and promoting the RSGB (bookstall) I have assessed exams for the RCF. If elected for Region 4 RM, I would represent the regions amateurs to the best of my ability, ensuring the best outcome at regional council meetings. I am happy to liaison with all clubs and members and be a voice for them in the RSGB.

YOTA Contesting Programme

The Youth Contesting Programme of IARU Region 1 will be continued in 2016. Youth members from IARU R1 member societies are invited to take part in a contest from so called Top Gun stations. They will learn how to operate the contest station, improve their contest skills and will aim for the best results together as a team. A youngster will probably be coming for the first time to the host country, and will get the chance to experience this country and share amateur radio knowledge with local youngsters. The contests take place in May, July and September and full details, including information on how to apply, are online. The website is www.ham-yota.com/youth-contesting-program

Last September, Dan McGraw, MOWUT was given the opportunity to enter CQWW RTTY from the 403A superstation in Montenegro. He went and formed part of a youth team coming from 4 countries, supervised by experienced Slovenian contesters. He arrived on Thursday in the late evening in the middle of a huge lightning storm, which he told us made getting up Obosnik hill very exciting! On Friday, they got a chance to see the station properly and were given a quick introduction to the plan for the contest. They entered in the Multi Two category and got to grips with the software with Tadej, S52X and Kristjan, S50XX assisting the operators. Each operator had antennas pointing at USA, Japan and a tower that was rotated throughout the contest; the antennas in use could be changed instantly to any combination of the three towers, which was new to all of those who hadn't operated from a world class station before. As the 48 hours went on, they became less and less supervised. They had been chasing LX7I the entire contest and handed over to the pros for the last 4 hours, which closed the gap, but it was not enough and they finished 2nd worldwide with LX7I winning. Dan says, "it was a great experience and my thanks to Ranko for allowing us to use his amazing station."



Contest Callsigns

As of 29 February 2016, the RSGB has taken over the responsibility for administering and distributing Special Contest Callsigns (SCC) on behalf of Ofcom. The criteria for the issuing of a SCC has also been reduced. Full details and an application form are online at <http://rsgb.org/scc> where you will also find details of where to send your application, plus a full list of currently-issued Special Contest Callsigns.

PAC Chair vacancy

Stephen Purser, G4SHF has indicated that he wishes to stand down as Chair of the Planning Advisory Committee. The Society would like to thank Stephen for his many years of service. The Planning Advisory Committee exists to assist Members with planning issues associated with amateur radio and invitations are invited to take up the post of Chair of this key membership service. The successful applicant will have experience of the planning process, preferably in a professional capacity, and will head up a small team of advisers. The post will not involve preparing planning applications for Members, only advising Members on their preparation. If you are interested, please contact Len, GMOONX via email to gm0onx@rsgb.org.uk



Congratulations

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

60 years	
Mr W T Addy	G3KRX
Mrs B A Long	G8FKY
Dr A Hodgkinson	G3LLJ
50 years	
Chelmsford ARS	G0MWT
Mr C P Haddock	G3UZM
Maidenhead & DARC	G3WKX
Mr F J P Connor	G3WMR
Mr D Featherstone	G4JFD
Mr E Bailey	G4LUE
Mr G L Fitton	G4MDT
Mr D L Woolley	G8AMJ
Mr J A Jones	G8AZT
Mr J Owen	G8BFT
Mr R Luther	VK7GN

Contest News

As part of the implementation of the President's Review of Contesting, the Board has agreed to split the Contest Committee into three Committees. This develops the concept put forward in the Review of having spectrum representatives within the committee, and will improve accountability and communications. The three committees are known as the VHF Contest Committee (VHFCC), the HF Contest Committee (HFCC) and the Contest Support Committee (CSC). Congratulations to the following as they take up their positions as Chair of the respective committees; Andy Cook, G4PIQ, Nick Totterdell, G4FAL and Ian Pawson, G4FCT.

During the Review, work was carried out on alternative scoring systems for VHF contests, with the aim of making the scoring evenly balanced across the country. This activity wasn't completed and a commitment was made to come back to the subject in 2016. Volunteers who would like to get involved would be welcome. The task will involve analysis of the open logs that are now being generated, along with other publicly available data, so the ability to manipulate and analyse large datasets will be very helpful. If you'd like more information, or want to offer your help, please contact Andy, G4PIQ, via email to vhfcc.chair@rsgb.org.uk

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 P Dalby, 2E0DOK	Mr M James, GW8PKV	Mr B Withers, M60MR	Mr N Crudgington, RS307306	Mr J Perfect, RS307639
Mr M Roberts, 2E0FVV	Mr A Carlsson, K5ARN	Mr K R Lewis, M6RLZ	Mrs F Helcoop, RS307325	Mrs L Routh, RS307655
Mr N Turner, 2E0GIR	Mr C M Preston, K7TAA	Mr M Salmon, M6R0K	Mr A Jovanovic, RS307389	Mrs C Davies, RS307656
Mr J Turner, 2E0JKT	Mr M Ferro, KE6EE	Mr J Gibbs, M6UMA	In Time Spedice, RS307453	Mrs L Raymond, RS307657
Mr M Phillips, 2E0MEN	Mr V Perovic, M0HZC	Mr N Humphrey, M6UNX	Mr P Whelan, RS307464	Mr D Birkin, RS307659
Mr M Lawrence, 2E0XVX	Mr P Preston, M0HZE	Mr V Downes, M6VAH	Mr R Latimer, RS307514	Mr D Clark, RS307673
Mr J A Wright, 2E1BEB	Mr J Cobb, M0JBF	Mrs K Payne, M6WFY	Mr R Carr, RS307535	Mr R Young, RS307692
Mr W A J Forde, 2I0JFO	Mr J Redhead, M0JLR	Swansea & District ARC, MCOSDD	Mr R King-Evans, RS307554	Mr S Larsson, SM4GGC
Mr T Burnett, 2M0DTP	Mrs J Parish, M0JOA	Mr J Mann, M0M0M	Mr J Dodds, RS307572	Mr M Lukasik, VA3MD
Mr R Schneider, DB1JJ	Mr G Furlonger, M0KTY	Mr C Batson, N4CCB	Mr G Knowles, RS307574	Mr S Brown, VK2SPB
Mr R Myatt, G0VEO	Mr M Johnson, M0MJJ	Mr B D Moore, N7RF	Mr A Amos, RS307588	Mr P Heller, W3PH
Mr M Webber, G6VKX	Mr A D Booth, M3ZXV	Mr M Dyer, RS199229	Mr G Allen, RS307594	Mr R Numerick, WB8ZPN
Mr V Kingsley, G7LWN	Mr M Adams, M6FYS	Mr P Challans, RS305889	Mr A M Scott, RS307599	Mr P Callow, ZL4WE
Mr S Fleetham, G8NSO	Mr G Linnett, M6GFZ	Mr M Jeremiah, RS306290	Mr G Todd, RS307600	
Mr J Holland, G8TTJ	Mr C Baines, M6GII	Mr N McVeagh, RS306857	Mr J Loveday, RS307632	
Mr J Sandles, GW7MVR	Mr P Barden, M6HXA	Mr S Brooks, RS307265		
Mrs A Chapman, GW7SEH	Mr J Pownall, M6JIP			

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

Mr B J Grice, 2E0BCD	Mr M J Treacher, G00DS	Mr R Skingley, G6IWK	Mr T Mondragon, MOGLO	Mr G Houlton, M3ZGH
Mr C Price, 2E0BMA	Mr J O'Malley, G00JG	Mr P R Hobson, G60LU	Mr A Page, M0JLY	Mr M P Crimes, M5AED
Mr D Martin, 2E0DKH	Mr D M Rowlands, G0RUJ	Mr M G Shread, G6TAN	Mr J S Sawyer, M0JSX	Mr C Bassett, M6COE
Mr R Bares, 2E0ESM	Mr M Fairweather, G0TOV	Mr D W Attree, G6TLP	Mr L Burton, M0LAZ	Mr J Peacock, M6JRL
Mr P Barker, 2E0PBY	Mr P Nicholls, G0VMK	Mr J Humphrey, G6XTW	Mr M Payne, M0LMK	Mr K Cole, M6KCC
Mr S Gibbs, 2E0SGG	Mr D Phillips, G1EGI	Mr S R Eley, G7ASJ	Mr C Lanzara, M0LZA	Mr I Hyde, M6LBI
Dr S Smith, 2E0UEH	Mr K D Rampton, G1KAW	Mr S J Beazley, G7BIM	Mr M A Bridgehouse, MOMBM	Mr D J Meekins, M6RNF
Mr I R Rhodes, 2E0WFX	Mr J Westwood, G1NWM	Mr S Sheriff, G7TAA	Mr S Watanabe, M0SMW	Mr B Lye, M6TER
Mr W Millar, 2I0NUM	Mr R Hall-Osman, G1OFL	Mr M L Hayward, G8KYT	Mr E Slevin, M0TAA	Mr W Steingold, M6WCE
Mr W Fulton, 2M0MOK	Mr R J Bonar, G1ONV	Mr G A Shaw, G13RBX	Mr T A Balls, M0TAR	Mr D A Jones, MW3XVB
Mr D N Slatter, G0CJG	Mr N R Hadley, G4BSW	Mr B D Williams, GW0GHF	Mr P Richards, M0WCQ	Mr G Vanderhaegen, ON7ZZ
Mr B Edginton, G0CWT	Mr G C King, G4FTL	Mr M J P Pilot, GW1DTA	Mr R M Parish, M1RPY	Mrs C Skupski, RS209411
Mr I Hunton, G0EOX	Mr J M Carlina, G4JJY	Mr J Downer, GW6TYJ	Mr D H Taylor, M3LSM	Mr P Simcox, RS212782
Mr S Balme, G0GVB	Mr D C Warner, G4OER	Mr P H Pike, GW7MMG	Mr J Cunningham, M3XKC	Miss K Stevens, RS213380
Mr E Thorley, G0JBR	Mr G Reid, G4OIS	Mr J King, M0BXG		Mr G Kumar, VU2BGS
Mr D Gilbert, G0NFA	Mr D Turner, G4SWY	Mr K P Summers, M0CWZ		Mr D Ronald, W6DSR

Martin Lynch @ 60!

Remember that young kid you may have dealt with in the seventies at Bernie & Brenda's Amateur Radio Exchange, in Ealing, West London? He's still flogging you amateur radio equipment today and he wants to invite you to his 60th birthday party on 11 June 2016. He is throwing a *big party* (his words) at his new superstore in Staines upon Thames. Customers old and new are invited, with the event co-hosted by Yaesu, Icom & Kenwood. Instead of the usual hog roast, it will be a 'fine-dining' experience of hot dogs and burgers(!) with hot and cold drinks. More details to follow nearer the time.



IMD stalwart SK

International Marconi Day (IMD) is a 24-hour amateur radio event that celebrates the career of Marconi. It takes place annually on the Saturday closest to his birthday, 25 April (1874). This year the event is on 23 April.

Sadly, Norman, G4USB, one of the founders of IMD and the yearly organiser, passed away recently. He will be missed by those who take part in the event all around world. The event will carry on and members of the Cornish Radio Amateur Club will do their best to keep it running as smoothly as Norman did. Meanwhile, there have been problems with the registration website. Existing registrations are fine but if anyone needs to register please email cac.imd@gmail.com and you will be added to the list.

History using valves

Tony, IOJX recently built a mock of Stonehenge using different types of valves as pillars and ceramic rods salvaged from US surplus equipment as crossbeams. Small ceramic insulators were used to resemble scattered stones here and there. He calls it Tubehenge.



Centenary celebrations

We understand that two amateurs have reached the age of 100 this year. Fred Crockford, G6YUY reached the milestone on 2 February and Laurence Gibson, G2BUP became 100 on 16 March. The RSGB does not hold comprehensive records of amateurs' ages and would be pleased to hear of any other amateurs who have reached, exceeded, or are nearing their centenary.

International YL Convention

The British Young Ladies Amateur Radio Association (BYLARA) will host the 2016 International Young Ladies Convention. The ladies will meet at the Novotel Hotel, Milton Keynes, on 3 October and activities will include a visit to Bletchley Park, Woburn Abbey and the RSGB Convention. If you are interested in coming along, helping to host this event or giving a warm welcome to friends from overseas, please contact Carol Hodges on 01305 820 400, carolhodges1@btinternet.com or Judith Brooks on 01509 556 286, judith.brooks@ntlworld.com. A full schedule of the events planned, together with full costings, and a booking planner can be found on www.bylara.org.uk.

DV gateway

Stuart, MOSGS has been granted an NoV to operate a simplex Fusion C4FM Digital Voice Gateway, callsign MB6ILE, on 431.075MHz. The gateway is located in Pudsey, West Yorkshire, serving the Leeds and Bradford area. Transmission is via a 70cm folded dipole at height of about 630ft ASL with a 5 watt output. The system can be accessed via any C4FM Fusion enabled radio.

Details of operating times, updates and how to connect can be found at www.m0sgs.co.uk

MUARC 50th anniversary

During April, Mid Ulster Amateur Radio Club will be running a special event callsign to coincide with the club's 50 year anniversary. They would like to work as many stations in the UK (and beyond) as possible. For further information contact the secretary Dave at muarc.secretary@yahoo.co.uk

Avalon 2m FM net

The Avalon amateur radio net takes place every Friday at 8.30pm on 145.450MHz FM for Glastonbury and surrounding areas. Matt, M3MMZ, the net controller, would encourage any amateur in the area to call in and join the net.

SAGHOTA 2016

Sheds, Allotments and Green Houses on the Air (SAGHOTA) starts on 1 April 2016 on the 40m band. Do you have a shed or greenhouse, or live next to an allotment? If so, try a SAGHOTA day or two and have fun operating a portable station. More details at <https://sites.google.com/site/saghota/>

Special Event Stations

Pontefract & District ARS will be operating GB1AVR on 22-23 April at the Ackworth Vintage Rally, a gathering of vintage and Scammell vehicles.

Stratford upon Avon & District Radio Society is running GB2WS on 23 April, to commemorate 400 years of William Shakespeare. They will be using mainly the 80 and 40m bands with other HF bands too where conditions permit.

Military Wireless Museum

The Military Wireless Museum in Kidderminster, Worcestershire, re-opens for the 2016 season on 1 April. The museum houses a large collection of military and commercial radio equipment, receivers, transmitters, radar and such from many countries around the globe. There is a large display of World War 2 Japanese equipment, German sets and numerous spy and Special Forces sets. The museum has the callsign GBOMWM and licensed visitors can operate the station. Entrance is free and opening times are by prior arrangement but on a very flexible basis. To arrange your visit phone Ben, G4BXD on 01562 743 253 or email visit@militarywirelessmuseum.co.uk. See www.militarywirelessmuseum.co.uk for more details



Intelligence 75th anniversary

The Regional Centre Strength & Freedom in France, with associated partners, will celebrate the 75th anniversary of the first underground link between London and the Deux-Sèvres department that was established by the first intelligence network of Free France: the Confrérie Notre Dame network. Part of these celebrations will be an attempt to re-create the communications but this time between Bletchley Park and the Thouars hospital (Deux-Sèvres) in Morse code with an indoor antenna. The dates for these communications are 4 to 8 and 11 to 15 April.

BYLARA at rallies

BYLARA members will be in attendance at the following rallies and events in April and look forward to welcoming members and friends.

10 April: Yeovil QRP Convention

10 April: Blackpool Rally

23/24 April: International Marconi Day

29 April: BYLARA 38th Birthday

New world record at 241GHz

The first UK amateur radio contact on the 241GHz band (1.2mm, the highest frequency allocation available to amateurs in the UK) took place on 19 February 2016 at 1500UTC between Roger, G8CUB/P and Chris, G0FDZ/P in JO01EP. The distance was 30 metres and the CW signals were 559 and 589. The transmit power at each end was in the order of 1µW and the antennas used were 250mm and 300mm dishes. With signal to spare both ways, an attempt was made to increase the distance to over 50m but with deteriorating weather likely, a decision was taken to limit to 30m as antenna alignment was taking a very long time to achieve.

RSGB Matters continued from page 10

IARU papers

Papers are now available for the April IARU Region 1 interim meeting. Proposals cover a wide range of HF, VHF, microwave and EMC matters. These include band plans, contest rules, and interference issues. Comments from UK amateurs are invited via the RSGB consultations forum, which includes guidance and links to the papers. Comments are also invited on a separate consultation regarding the future of the UK 5MHz beacons. These must be received before 31 March. Information on both of these items can be found at forums.thersgb.org.

Convention videos

Several videos were taken at the RSGB Convention in 2015. They are being made available from the video archive section of the RSGB website starting with Engineering the Gemini range of VHF UHF power amplifiers by Chris Bartam, GW4DGU. Go to www.rsgb.org/convention-video

QSL Matters

Sub manager Chris Flanagan, G7NRO says he's posted 3,149 cards for the G7 group, since January. His sorting frame is a smaller version of what we have here and usually holds around 15-1600 cards. He comments, "Generally the 1,431 G7 members, are pretty good at 'enveloping', but with the last couple of batches of cards they've been a bit remiss. It's not that I don't have the room, it's just a shame for them to be stuck here with me when a lot could be used for awards, contests, IOTA or the like."

We're pleased to welcome Colin Tuckley, G8TMV as new Sub Manager for the G1 & G2 Series. Colin is no stranger to volunteering and is already a DRM, in the Cambridge area. We've transferred some 4,000 cards but have been unable to recover any SAE, collection envelopes, due to unforeseen circumstances. Users are kindly requested to forward new envelopes ASAP. See web for details. Please help by including your unique Membership number and callsign top left corner, on every envelope.

Cub Scout Centenary

Ofcom has decided that, during 2016, they will allow the use of Special Special Event Station callsigns at stations associated with events to celebrate the centenary of the Cub Scouts, if they are organised at Cub Scout District (or equivalent) level or higher, for example County. Applications must be endorsed by the District Commissioner or the equivalent for events at higher levels. Callsigns for these SSESs must carry the prefix 'GB100', 'GB100', 'GB100' or 'GB100'. They may be up to eight characters long and must end with a letter. An example might therefore be 'GB100RBP' or 'GB100DYB'. Callsigns may be reused by different stations throughout the year but must not be used simultaneously by more than one station. Requests for SSES callsigns will be handled strictly first come, first served.

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, Graham, GONBI, 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 May edition is 31 March and for the June issue it's 28 April. 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

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

NATIONAL

Amateur Radio Caravan and Camping Club
membership@arcc.org.uk, www.arcc.org.uk
Net every Tuesday and Thursday 3.770 at 8pm

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
m0zaa@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 is open to anyone active in
amateur radio. Nets on 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
contestng, from anywhere in the UK.

REGION 1: SCOTLAND SOUTH & WESTERN ISLES

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

Cockenzie & Port Seton ARC
Bob, GM4UYZ, 01875 811 723
1 Normal club night
22 Barnton Quarry: UK air defence, MM6GXM

Livingston & District ARS
Cathie, 2M0DIB, 01506 433 846
4, 18, 25 Operating and training
7, 14, 21, 28 Operating
11 Presentation and talk

Lothians RS
Mike, MM0MLB, secretary@lothiansradiosociety.com
6 Surplus equipment sale, St Fillan's
27 Club night, Braid Hills Hotel

Stirling & District ARS
Myles, MM0MYL, 07890 477 516
3, 10, 17, 24 Construction/projects/training, 10.30am
7, 14, 21, 28 Operating, presentations & training

West of Scotland (Glasgow) ARS
info@wosars.org.uk
1, 8, 15, 22, 29 Club night

REGION 2: SCOTLAND NORTH & NORTHERN ISLES

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

Aberdeen ARS
Fred, GM3ALZ, 01975 651 365
7 Junk sale
14 Quiz night, with prizes
21 Talk – surprise topic
28 Construction and on the air

Glenrothes & DRC
Tam, MMO2GB, 0775 3526 498
6 Mystery lecture
13 Editing QRZ
20 ATC radio training up to Foundation
27 Club night

Moray Firth ARS
Barry, GM4TOE, 01807 580 376
7 AGM
16 Junk sale

REGION 3: NORTH WEST

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

Bolton Wireless Club
boltonwireless@gmail.com
25 Social evening

Mid-Cheshire ARS
Peter, G8HAV, 01606 553 401
6 Generator capacitor stabilisation control
13 Club 80m SSB contest
20 Committee meeting
27 HF on-air test of contest equipment

South Manchester R&CC
Ron, G3SVW, 01619 693 999
7 Preparation for NARSA rally
14 40m QRP Tx, GOBHP
21 HF operating techniques, G3SVW
25 Technical forum
28 The science of surfing, Bob Marsh

Stockport Radio Society
Heather, M6HNS, 07506 904 422
5 Society Meeting
10 Attending NARSA Blackpool
14 On air from members QTH
19 Radio night
26 Skills Night

Thornton Cleveleys ARS
John, G4FRK, 01253 862 810
4 Natter/practical night, final NARSA prep
10 NARSA rally
11 Test club 4m equipment
18, 25 Club night / video night
20 Committee meeting

REGION 4: NORTH EAST

Regional Manager: Nigel Ferguson, G0BPK
RM4@rsgb.org.uk

Denby Dale RC
Darran, GOBWB, 07974 423227
6 Ham Radio Deluxe software demo
13, 27 Night on the air

17 WAB data contest

Halifax & DARS
Martin, MOGQB, 01422 341 317
6, 13, 20, 27 Club net, 145.400MHz
7, 14, 21, 28 Net with W Yorks RAFARS, 7pm

Hambleton ARS
Tony, G3MAE, 01609 881 530
6 Ham radio in ZL, Jon, MOCQO
20 Operating night

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

Sheffield & District WS
Krystyna, 2EOKSH, 07884 065 375
6 Oscilloscope training, Steve, M6SLO
13, 27 Social night
20 Code breaking during the war,
Simon Goodwin, Sheffield University

Sheffield ARC
David, G6DCT, littlewood20@btinternet.com
4, 25 Shack night operating MORCU
11 Club night
18 HF vertical antennas, Bob, G3VCA

REGION 5: WEST MIDLANDS

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

Central Radio Amateur Circle
Martin, G1TYV, 07948 027 994
2, 9, 16, 23, 30 Shed work, group meeting
7 Group meeting
10 Blackpool Radio Rally

Cheltenham ARA
Derek, G3NKS, 01242 241 099
5, 13, 19, 26 QRS CW, 3540-3550 8 -9pm
19 Lunch, book with G3YJE
21 Satellites by G3YJO, venue TBA

Coventry ARS
John, G8SEQ, 07958 777 363
1 SDR radio by Dave, G1ORG
4, 11, 18, 25, 29 Open net, 8pm, 145.375MHz
and/or 7.16MHz ± QRM
8 Committee forum & surplus equipment sale
15 G2FDC 2m DF Trophy - 2nd. Round
22 Club project calibration night

Gloucester AR&ES
Anne, 2E1GKY, 01242 699 595 daytime
4 Informal net (no meeting)
6, 13, 20, 27 Net, 7.30pm, 145.500MHz
7, 14, 21, 28 Net, 7.30pm, 145.550MHz
11 Practical amateur astronomy, Paul, G4CSD
18, 25 Informal evening and general operating

Hereford ARS
Rod, MOJLA, 01432 356 079
1 Annual general meeting

Malvern Hills RAC
Dave, G4IDF, 01905 351 568
12 Cyber security, Andy, G7OFC
27 Informal

Next deadline 31 March

Midland ARS

- Norman, G8BHE, 07808 078 003**
 6 Open meeting, shack OTA & training
 13 Committee meeting and training
 20 Review of social events, ragchew and training
 23 RSGB AGM
 27 General meeting, shack on the air and training

Mid-Warwickshire ARS

- Don, G4CYG, 01926 424 465**
 12 Club net, 145.275MHz
 26 Technical topics/homebrew

Salop ARS

- salopamateurradio@gmail.com**
 6, 13, 20, 27 Club CW Net 4:30pm
 144.070MHz; Club Net 8:30pm GB3LH
 7 Natter night / committee meeting
 14, 28 Natter night
 21 PICS and Arduinos, Richard, G3VZG

South Birmingham RS

- Gemma, M6GKG, gemmagordon.m6gkg@gmail.com**
 1, 8 Checking aerials and club equipment
 4, 11 Work in the shack
 5, 12, 19, 26 Coffee morning in the shack, 11am
 7, 14, 21, 28 Training classes with Dave, G8OWL
 17 West London Radio & Electronics Show
 18, 25 Planning for outside events
 22, 29 Open meeting and rag chew

Stratford upon Avon & District RS

- Clive, GOCHO, 01608 664 488**
 11 Early British radar and the Battle of Britain
 23 GB2WS Shakespeare 400 SES

Sutton Coldfield ARS

- Robert Bird, spirit.guide@hotmail.co.uk**
 4, 18 Open net, ±145.250MHz, 7.30pm
 11 club meeting
 12 Open net, 70.475MHz FM, 7.30pm
 25 Club meeting
 26 DMR open net GB7FW slot/local2, 7.30pm

Telford & DARS

- John, MOJZH, 07824 737 716**
 3 GX6ZME/p at Wappenshall
 6 Committee meeting; GX3ZME OTA HF
 13 Surplus sale
 20 Show and tell evening
 22-24 GB8MD OTA for International Marconi Day
 27 Labs on PSUs and their QRM

Wythall Radio Club

- Chris, G0EYO, 07710 412 819**
 1, 8, 15, 22, 29 Nibbles Night in the Shack
 3, 10, 17, 24 Net, 8pm, 145.225MHz or GB3WL
 3 RSGB RoPoCo 80m SSB contest
 4, 13, 21 80m Club Championships
 4, 12, 26 Morse class, 7.45pm
 5, 12, 19 Club night
 9 Online Foundation exam, 1-3pm
 25 Curry night at the Monsoon

REGION 6: NORTH WALES

Regional Manager: Liz Cabban, GW0ETU
 RM6@rsgb.org.uk

Dragon ARC

- Stewart, GW0ETF, 07833 620 733**
 4 4m and 6m, 2WOCYM and 2WOCHV
 18 Planning for IMD + VHF contesting school

North Wales Radio Society

- Ceri, 2W0LJC, 2w0ljc@mail.com**
 7 General meeting
 14 Technical topic
 21 Allstar, Steve, MOHOY
 28 Natter night

REGION 7: SOUTH WALES

Regional Manager: Jimmy Sneddon, MW0EQL
 RM7@rsgb.org.uk

Aberystwyth & DARS

- Ray, GW7AGG, 01970 611 853**
 14 North Dyfed RAYNET AGM
 28 Net on 145.500 then 145.550MHz

Blackwood and District ARS

- www.gw6gw.co.uk**
 22 EMC problems, Cess, GW30AJ
 29 D-Star 001, Andy, MW0MWZ

Llanelli ARS

- Craig, MW0MXT, 01269 845 773**
 4 Social evening & club raffle
 11 AGM
 18 World Amateur Radio Day, GCOEZQ
 25 Junk sale & club raffle

REGION 8: NORTHERN IRELAND

Regional Manager: Philip Hosey, M10MSO
 RM8@rsgb.org.uk

Bangor & DARS

- Norman, G13YMY, 02891 462 225**
 7 Constructors contest

Mid Ulster ARC

- Dave, muarc.secretary@yahoo.co.uk**
 5 MNOVFW on the air from 7pm
 19 MUR00TA event, 7pm, open to all
 26 Unveil and election of new A4S antenna

REGION 9: LONDON & THAMES VALLEY

Regional Manager: Larry Smith, G4OXY
 RM9@rsgb.org.uk

Bracknell ARC

- Andy, MOHAK, andy@mohak.co.uk**
 6, 13, 20, 27 Club net, 8pm, 145.375MHz
 16 Talk on broadcast engineering

Burnham Beeches RC

- Dave, G4XDU, 01628 625 720**
 4 What comes in the workshop, Steve, GOTAN
 18 Practical Wireless Editor, G3XTT

Edgware & DRS

- Mike, G4RNW, 02089 500 658**
 14 Video night
 28 Discussing G3ASR/p for 2016, Bill, G0STR

Harwell ARS

- Malcolm, G8NRP, 01235 524 844**
 14 Tony Crake – BBC Part 4

Newbury & DARS

- Rob, G4LMW, 01635 862 737**
 2 Intermediate Practical, revision and exam
 27 World Scout Jamboree, David, 2EOGBG

Reading & DARC

- Pete, G8FRC, 01189 695 697**
 14 Hydrogen Line astronomy, Brian Coleman
 28 Chilton Ionosonde by Dr Ruth Bamford

Shefford & District ARS

- Paul, G1GSN, 07876 685 827**
 14 Telecommunications, Ian Rainbow-Wood,
 Milton Keynes Museum
 21 Spring junk sale

Verulam ARC

- Peter, G4HSO, g3v@btinternet.com**
 14 Social with GB3VH repeater group, 7.30pm
 19 Radar, Roger, MORBK

REGION 10: SOUTH & SOUTH EAST

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

Basingstoke ARC

- Peter, G0KQA, 01256 414454**
 18 Introduction to contesting, Paul, GOVVM

Bromley & DARS

- Andy, G4WGZ, 01689 878 089**
 6, 13, 20, 27 Club net, 9pm, 145.500MHz
 19 The RSGB

Crawley ARC

- John, G3VLH, 01342 714 402**
 27 Surplus equipment sale, 7pm for 8,

Cray Valley RS

- Richard, G7GLW, 07831 715797**
 7 Top band from GM in 1969, Fred, G3SVK,
 and DXpedition talk
 21 AGM

Crystal Palace R&EC

- Bob, G30OU, 01737 552 170**
 1 Constructing a garden shack, Alan, G8NKM

Darenth Valley Radio Society

- Mike, G8AXA, 01689 856 935**
 13 FT-897 operation by Mark, G8PHM
 27 AGM

Dorking & DRS

- David, M6DJB, djb.abraxas@btinternet.com**
 26 Digital amateur radio, Denis, GOOLX

Eastbourne E&RC

- Peter, g4urt@btinternet.com**
 11 Project/demo
 25 Talk/meeting

Fareham & DARC

- Steve, G7HEP, 01329 663 673**
 2, 9, 16, 23 Club net, 8pm, 145.475MHz
 4, 11, 18, 25 Club net, 7.30pm, 1967kHz LSB
 6 Grand junk sale
 13 Club night
 20 Bring & tell evening
 27 Film

Fort Purbrook ARC

- Graham, M0CYX, 0785 040 0108**
 1 Presentation on digimodes
 29 Presentation on transmission lines

Hilderstone R&EC

- Ian, M6WFI, hilderstoneclub@gmail.com**
 14 Natter night
 22 Buildathon at Wellesley
 23 Tim Peake contact
 28 Talk on DMR by Matt, M1CMN

Horndean & DARC

- Stuart, G0FYX, 02392 472 846**
 7 Natter night/social evening
 21 Transmission lines explained, GOJMI

Horsham ARC

- Alistair, G3ZBU, 07855 268666**
 7 The RSGB - John Gould, G3WKL
 28 Social at The Bax Castle

Itchen Valley ARC

- Quintin, M1ENU, 023 8078 7799**
 1, 15, 29 Club net, 145.525MHz, 8pm
 8 AGM
 22 Members' forum

Mid-Sussex ARS

Sue, G6YPY, 01273 845 103
 1 Surplus equipment sale
 8, 22 Radio night
 15 Radio night and table top sale
 29 Quiz and cakes night

Southdown ARS

Andy, M6GND, 01323 486 924
 2, 9, 16, 23, 28 various nets 12.30pm
 6, 10, 20, 27 various nets 2.30pm
 3 70MHz contest
 4 Show, tell and sell
 6 8.30am 145.275, CW 10.30am, cafe
 7, 9, 14, 16, 21, 23, 28, 30 9.50am
 145.275 FM/10.00am 7.035 CW
 10 50MHz Contest
 13, 20, 27 8.30am 145.275 + cafe 12.30pm

Surrey Radio Contact Club

John, G8IYS, 020 8657 0454
 1, 8, 15, 22, 29 Net, 145.350MHz, 8pm
 3, 10, 17, 24 Net, 1905kHz, 9.30am
 4 SRCC Annual General Meeting
 7, 14, 21, 28 Net, 70.300MHz, 8pm
 18 Chat & Fix-it, John, G8MNY

Sutton & Cheam RS

John, G0BWW, 0208 644 9945
 21 Test equipment evening, Bob, G300U

West Kent ARS

Keith, G4JED, info@wkars.org.uk
 11 AGM, followed by refreshments and natter

Worthing & DARC

Al, M0OAL, information@wadarc.org.uk
 3 Sunday breakfast, 9am
 19 G3WOR on the air

REGION 11: SOUTH WEST & CHANNEL ISLES

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

Bristol RSGB Group

Robin, G3TKF, robin@g3tkf.co.uk
 25 Matching, Roger Dixon, G4BVY

Burnham on Sea ARC

Brian, G4RGY, 01278 683645
 6, 20 Club night

Cornish RAC

Steve, G7VOH, 01209 844 939
 6 Committee meeting
 7 AGM
 21 Club evening

Exeter ARS

Nick, M0NRJ, 01363 775 756
 5 Club net, GB3EX, 7.45pm
 11 Antenna tuner workshop
 12 Club net, GB3EW, 7.45pm
 19, 26 Club net, 145.575MHz, 7.45pm
 25 SDR dongles workshop

Flight Refuelling ARS

John, G4POF, g4pof@hotmail.com
 24 Spring auction sale, open to all

Mid-Somerset ARC

David, G8BFV, 01749 670085
 12 Planning for IMD and MOTA

North Bristol ARC

Mat, G7FBD, g7fbd@gb3bs.com
 1, 15, 29 Relax and chat + operating & training
 3, 10, 17, 24 Open net on GB3BS 7-8pm
 8 Talk - cruising around
 22 Bring & Buy

Plymouth Radio Club

David, 2E0DTC, d.beck123@btinternet.com
 12 Build an end fed multi-band antenna
 23 Visit to Maritime Navigation Centre & Wave

Saltash & DARC

Mark, M0WMB, 01752 215 546
 7 Meal out
 21 Operating

South Bristol ARC

Andrew, G7KNA, 07838 695 471
 7 Committee meeting
 14 Cheese and wine evening
 21 RNLI talk
 28 Open house and on the air

Torbay ARS

Dave, G6FSP, g6fsp@tars.org.uk
 1, 15, 22 Club night
 8 Club night & business meeting
 29 Club auction & 90/10 sale

Weston Super Mare RS

Paul, G3SDH, g3sdh@btinternet.com
 4, 11, 25 Construction, operating & natter night
 18 Surplus equipment sale

Yeovil ARC

Rodney, M0RGE, 01935 825 791
 7 Briefing for QRP Convention
 10 32nd QRP Convention
 14 QRP Debrief and Morse Practice, G3MYM
 21 AGM
 28 Station-on-Air

REGION 12: EAST & EAST ANGLIA

Regional Manager: Steve Thomas, M1ACB
 RM12@rsgb.org.uk

Cambridge & DARC

Ian, M0HTA, publicity@cdarc.co.uk
 3, 10, 17, 24 Net, 8.30am, 144.180MHz,
 10.30am, 7.0875MHz or 3.620MHz,
 11.30am 145.550MHz FM
 7, 14, 21, 28 Club net, 8pm, 145.550MHz FM
 8 How biotech relates to amateur radio, G4HJW
 22 Constructors' show & tell evening

Chelmsford ARS

secretary@g0mwat.org.uk
 5 2MT Writtle, Tim Wander, G6GUX
 18 Skills night at Danbury Village Hall
 23 IMD GXOMWT at Standford Mill

Colchester Radio Amateurs

Stefan, M0XLB, 0777 161 6676
 21 Electronic kits, by David, G4HUP

Felixstowe & DARS

Paul, G4YQC, pjw@btinternet.com
 4 AGM
 9-10, 16-17 Intermediate weekend 1 & 2
 18 Getting into microwaves, Kent, WA5VJB

Harwich ARIG

Kevan, 2E0WVG, 0776 654 3784
 13 Scalextric race night with Matt, 2E0XIS

Leiston ARC

m0iah@gmail.com
 12 Analogue and digital scopes
 26 2m + 70cm contest

Norfolk ARC

Chris, G0DWW, 01603 898 678
 6 AGM
 13 Informal / table top sale
 20 Compact receive-only antennas, GOKYA
 27 Informal / Bright Sparks

Norfolk Coast ARS

Steve, G3PND, info@norfolkcoastamateurs.co.uk
 7 AGM
 14 Construction projects
 21 Antennas on the beach
 28 Restoring the CR100

Thanet Radio and Electronics Club

targradio@outlook.com
 1 Club night
 8, 22 Club net on GB3DA
 15 Construction night (members only)

Thurrock Acorns ARC

Gordon, 2E0ELI, acorns@taarc.co.uk
 19 Mini Astro Skills Night, Darren 2E0OCA
 21, 28 Open net, 2m FM simplex, 7.30pm

REGION 13: EAST MIDLANDS

Regional Manager: Steve Boden, G4XCK
 RM13@rsgb.org.uk

Derby & DARS

Richard Buckley, radio@dadars.org.uk
 5 Junk sale
 12 Committee meeting
 19 2 years in the Arabian Peninsula, Bill Harrison
 26 Night on the air

Lincoln Short-Wave Club

Pam, G4STO, 01427 788 356
 2 Saturday surgery + G5FZ on the air
 5, 12, 19, 26 UK club contests
 7 Repeater net, GB3LM, 8pm
 9, 23 Shack activities + G6COL OTA
 13 Nibbles & natter night
 14, 21, 28 Net, 145.325MHz, 8pm
 16, 30 Shack Activities + G5FZ OTA
 18 Committee meeting
 20 Formal meeting
 27 Used equipment sale, from 7.15pm

Loughborough & DARC

Chris, G1ETZ, 01509 504 319
 5 Early transistor portables, Ian, G8SNF
 12 Video evening: Gerry Wells / BVWS film
 19 23cm OTA from Markfield
 26 Practical evening

Melton Mowbray ARS

Brian, M0YBX, 07772 659 622
 15 Constructors' night

RAF Waddington ARC

Bob, G3VCA, 07971 166 250
 4, 11, 18, 25 Net, 145.325MHz 8pm

South Kesteven ARS

Andrew, M0NRD, 07969 062 859
 1, 15 Club meeting
 6, 20, 27 Club net, 145.525MHz, 8pm
 4 AGM

Spalding & DARS

Graham, G8NWC, 01775 760 832
 15 Increasing your CW speed, Ian, G4XFC

Welland Valley ARS

Peter, G4XEX, 01858 432 805
 4 Club net, 433.475 FM
 18 Echolink & D-Star, Paul, G1FJH

Workshop ARS

Paul, M0PJA, 07890 626 684
 3, 10, 17 Advanced training, 6.30pm
 5, 12 Club night, UKAC
 7 Technical talk
 14 Construction, CW, OTA, data

EVENTS ROUNDUP

REGION 3: NORTH WEST

Following the Christmas break, Francis, M6TTO sat and passed the Intermediate exam (the first in the short history of **Newton Le-Willows ARC**) and is now 2E0YGH thanks to the trainer Lee, MOLGL. Five new members started last month and the club is now more than double its original size of six months ago. At the recent AGM, Francis, 2E0YGH took on the role of club secretary, succeeding Chris, MOZLK who is now club events coordinator.



Furness ARS was invited to a Furness Rotary Club meeting. Chris, MOTES and Chris, MOKPW gave a 30 minute talk introducing amateur radio. There were around 25 members of the Rotary Club in attendance and everyone seemed genuinely interested and entertained by the presentation. The photo shows both Chris' with the Furness Rotary Club president.



Some members of West Manchester RC visited Manchester Fire and Rescue at Manchester airport. Simon, 2E0SIA took the photo of several members with the Watch Commander and Watch Manager.

REGION 4: NORTH EAST

At short notice Denby Dale ARS had to cancel its planned surplus sale on 16 March. It was replaced by a vintage radio evening. The surplus sale will now take place on 20 April.

REGION 5: WEST MIDLANDS

On 25 March, **Coventry ARS** will have a talk by RSGB President John Gould, G3WKL. Visitors are very welcome.



Reg, G8VHI approached the leaders from his son's Scout group and told them about the ISS schools contact. His aim was to try and let them listen in. He took 3 radios: VX3 handheld with whip, Baofeng handheld connected to a 4-ele Tonna and, in the car, a quad band radio into a 5/8th whip. The Scout hut sits on a very good VHF site. On the day a few had downloaded the various ISS tracker apps and were ready and waiting. The Scouts were able to see the ISS after around 30 seconds. Tim Peake was very clear and they were able to hear him easily. We should all do our bit to inspire the next generation into science and engineering.



After 350 students since 2003 Telford & DARS has had a husband and wife team pass their Foundation exams first go, after a 2 day course. Pictured (L to R) are tutor Richy, MORKY, lead tutor Mike, G3JKX, Tana, Liam and invigilator 'Speedy', 2E0KLS.



More examination passes at Midland ARS club resulted in Terry and Stuart passing their Foundation, congratulations. David Hardy passed his Intermediate exam on the same night, seen here with tutor Paul, MOPVN.

REGION 8: NORTHERN IRELAND

Mid Ulster ARC will be using another special 50 year callsign for the month of April. This will be as a part of 12 months of celebration to mark the club's 50 years. For further information contact the Secretary via email to muarc.secretary@yahoo.co.uk



Bangor & District ARS recently had a comprehensive and detailed talk by Richard, G14DOH on antenna modelling, which included propagation and predictions on optimum RF paths for contacts on the HF bands.

REGION 10: SOUTH & SOUTH EAST

Steve, M1ACB was the guest speaker at Medway ARTS recent meeting. He travelled across the water from Region 12 to discuss the first Tim Peake ISS schools contact. Steve was present at the first historic ARISS contact with Sandringham School in St Albans and explained the events not only of the day itself, but the months of background work that led up to that first radio contact. Also travelling from Region 12 for the talk, four members of Essex Ham including Dorothy, MOLMR, a regular on the MARTS net.



At the recent AGM, Fareham & District ARC elected Chairman Dave, G6RRL, Vice-Chairman Geoff, G4ICD, Secretary Steve, G7HEP, Treasurer Richard, MOYSR and Dave, G4BMQ. Derek, G4JLP who did sterling service over several years as Secretary now becomes the club's webmaster. The Arthur Redman (G8DUB) Shield – for the club member providing outstanding service over the past year – was presented to Dave, G4TST in recognition of the superb refreshments and cooked breakfasts he provided during VHF Field Day.

REGION 9: LONDON & THAMES VALLEY

Verulam ARC entered the CQ 160m CW contest in January using the club callsign G3V. The station operated from the home of Peter, G00IK in Flamstead. The number of QSOs logged was 802 with 59 countries giving a total score of 354,076. They had a choice of two transmit antennas and seven receive antennas – 4 way K9AY, dipole, inverted L and 300m Beverage (NA).



Pupils at Wellesley House school were successful in not only seeing the International Space Station go over the school grounds in the evening but they heard Tim Peake answer the questions from the pupils of the Royal Masonic School. John Hislop, from Hilderstone RC, provided his two handheld transceivers and the club's two Baofeng radios tuned to 145.800MHz. Shrieks went up as the ISS appeared 20 degrees in the west and they heard Tim reply to the first question 'Do you bounce around when you hiccup?' It was amazing for the pupils to hear his voice and to see his space craft at the same time. There was success too for two pupils, Benny and Ethan, who took their Foundation exam. They were joined by Phil Challans. Hopefully when Benny and Ethan get their callsigns, they will be able to call the International Space Station for their school contact.

REGION 11: SOUTH WEST & CHANNEL ISLES

Riviera ARC meets fortnightly on the 1st & 3rd Thursdays of the month at the Acorn Community Centre, Lummaton Cross, Torquay TQ2 8ET. The venue has level access entry and is disabled-friendly with ample parking on site. The club welcome all comers to the hobby, both new licensees and old hands equally. A weekly 2m net is held on Wednesdays at 8pm on 145.425MHz. www.rivieraARC.org.uk



REGION 12: EAST & EAST ANGLIA

The second Essex Skills Night of 2016, hosted by **Chelmsford ARS**, was another success with over 60 people making the trip from around the region. On the agenda, how to make contact using amateur satellites, a demo of the DV4 mini USB DMR/D-Star dongle, handset programming, construction, data modes and a mostly cardboard Slim Jim for receiving ADSB aircraft data.

Chelmsford's former waterworks at Sandford Mill is primarily a museum collections store and science education resource, however it is open to the public for special events during the year. On 23 April from 10am to 4pm the collection will be open to the general public to celebrate the birthday of Marconi, who was born 25 April 1874. **Chelmsford ARS** will be operating a

demonstration station, callsign GXOMWT, in the historic Marconi 2MT Writtle broadcast hut that is now housed inside the museum. Dr Elizabeth Bruton will give a talk titled 'Communications and Signals Intelligence: the use of Wireless at the Battle of Jutland, 1916'. The Museum is located in Sandford Mill Road, Chelmsford, Essex, CM2 6NY. Admittance is £2.

Chelmsford ARS enjoyed a talk by, Peter, MOZBU describing how to detect meteors using a homebrew 2m antenna and SDR, by exploiting the GRAVES transmitter near Dijon, France. Peter uses a home constructed 3-ele Yagi for reception. It was made to dimensions taken from an article in the *Sky at Night* magazine and all the parts were obtained from B&Q. A FUNCube Dongle and SDR# software are used to

receive the meteor reflection. He concluded the presentation by describing how he captured a fireball on both radio and optical systems during the Leonid meteor shower.

The second Suffolk RED (Radio and Electronics Development) evening was a very practical event, aimed at sharing skills and interests in an informal environment. It was put on as a collaboration between the radio clubs in Suffolk and co-ordinated by Suffolk DRM Keith, G7CIY. It attracted over 70 people from three counties.

Loughton and Epping Forest ARS has successfully staged its 33rd Foundation course and congratulates Roy, M6GKZ, Dave, M6GKV, Geoff, M6UKT, Lee, M6LGI, Dangis, Martynas, M6KVS, Tim, Nick, Emmanouil, M6VRE and Bob.



The third Galleywood Gathering took place at the Horse & Groom pub in Galleywood. This saw a group of dedicated Essex Hams meet for discussions. By mid-afternoon, many wandered over to their vehicles to fire up radio equipment, with a total of five cars active on 2m, 4m, 20m and DMR. Prize goes to Peter, GODZB for making several CW calls on 30m from the back seat of his car – that's dedication!



Norfolk Coast ARS has held a number of Teach-ins on various topics where members pool their total knowledge of a subject – the newer members being able to learn from the old hands in the club. Recent teach-ins have included earth current meters and common-mode currents in antenna feeders. The club has looked at the choke designs of G3TXQ and GM3SEK and the members made a number of chokes both for their own use and for further evaluation at the club station. When the school contacts with the ISS have taken place, NCARS has monitored the downlink and used the opportunity to evaluate various antenna designs. The contact with the Oasis Academy at Brightstowe took place in the Norfolk school half term and so the club secretary Steve, G3PND invited his grandchildren along. The downlink was monitored directly on two 2m receivers, one fed from a steerable Yagi and the other from a simple colinear. The contacts were also monitored through the live internet feed.



An estimated 500 amateurs attended this year's Canvey Radio Rally, organised by South Essex ARS. The busy rally included traders from around the UK, as well as several local clubs. In support of the Essex Repeater Group, the South Essex ARS presented ERG Secretary Murray, G6JYB with a cheque for £100 to help maintain the county's local repeaters. A video showing images from the 31st Canvey Radio Rally can be found at www.sxham.uk/cr16

Braintree & District ARS had a presentation by Mike, G8DJO on astronomy. Mike highlighted the equipment required for star gazing and described the sorts of views of astronomical bodies that could be seen using each method. He then showed how to identify various stars, constellations and planets. As with previous years, the club had a table at the Canvey rally to sell the accumulated goodies that have been donated throughout the past year. Once again members turned out to set up and staff the stall and managed to make a decent amount for club funds. Club members brought in their construction projects for test and alignment. The testing and adjustment was carried out by Dave, GODEC. With the 40th anniversary construction challenge and contest nearing the finishing post, it is good to see members getting involved.

