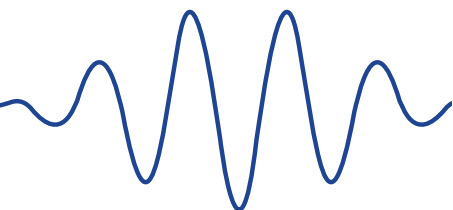




Radio Society of Great Britain

Advancing amateur radio since 1913



Affiliated Clubs Newsletter

May 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.

Change at the top

When this reaches you, the transition between Presidents will be just a few days away and the process of handing over from the retiring General Manager to his successor will be underway. Graham Coomber, GONBI, took on the role in May 2012 following a period of change for the Society.

He has brought stability, experience and focus to Headquarters and the wider Membership. As Chairman, I have worked very closely with Graham over the past three years and found his professionalism a great asset to the Society. He has worked quietly but effectively with both the HQ staff and the many volunteers, enhancing the standing of the RSGB both in the UK and globally.

Whilst managing day-to-day operations to ensure the Society breaks even each year, he has enabled the NRC to develop, brought into being the two free *RadCom* supplements and enhanced HQ's professionalism on communications and outreach to the media.

His tact and diplomacy skills have been demonstrated on numerous occasions in his dealings with Members, other related organisations and Ofcom. He has forged excellent working relationships on many fronts.

The recent high level of 'customer satisfaction' survey ratings for the various HQ functions is a testament to the work Graham has done in reshaping the way that services are delivered.

We wish Graham well in his retirement and look forward to working with his successor Steve Thomas, M1ACB.

Graham Murchie, G4FSG

RSGB Chairman

Steve Thomas, M1ACB



Although I've been a volunteer with the Society since 2008 and an active radio amateur for many more years, becoming General Manager and changing my long-term hobby into my career is something I'm very proud to be doing. I'm very much looking forward to working with the staff at RSGB HQ and the wider team of volunteers, all of whom are as dedicated to supporting our Members and also protecting and developing amateur radio as I am.

I've spent the majority of my career in the IT and telecoms industry, with many roles in management, strategy, leading international teams and projects. I've also been part of the RSGB Regional Team, supporting radio amateurs throughout East Anglia, as well as Secretary of the Regional Council and a member of other Society groups and committees. I'm sure I will need to draw on all of this experience for the exciting challenges ahead.

Although my volunteer roles with the Society have taken an increasing amount of very enjoyable time over recent years, I still find some time to enjoy a wide range of amateur radio activities including DX, contesting, holiday island activations and licence training with local clubs. I find training and supporting the recently-licensed particularly rewarding, building on my experience of working with graduates, apprentices and schools during various parts of my career.

The science of amateur radio has been an important introduction to technical careers for many people and an interesting technical hobby for many others. I've seen for myself the excitement and curiosity that amateur radio has created amongst the young people involved in the ARISS school contacts with Tim Peake, some of whom are already becoming the next generation of radio amateurs as a direct result. I will be working with the Board to review the Society's strategy, to ensure that the RSGB works effectively to increase awareness and understanding of amateur radio, wireless science and its technologies, and also to make the hobby accessible to everyone.

I look forward to meeting and talking with you in the near future.

Steve Thomas, M1ACB

Changes to Wireless Telegraphy Regulations

On 24 March, Ofcom announced changes to Wireless Telegraphy Regulations to allow them to be enforced against Radio Frequency Interference (RFI) from apparatus that is in service, which they have not been able to do until now.

Ofcom consulted on the draft in January 2015 and the RSGB and others made comprehensive replies. The announcement is backed by a Statement that goes into detail about the effect of the new Regulations and why almost all the suggestions submitted by ourselves and others have been omitted.

Ofcom's Statement is at <http://stakeholders.ofcom.org.uk/consultations/undueinterference/statement/>

The new Regulations can be found at <http://www.legislation.gov.uk/uksi/2016/426/made>

In essence, where it is established that undue interference is being caused, and the sufferer has done what they reasonably can to alleviate it, Ofcom can serve a notice on the user of offending apparatus requiring them to stop using it within 28 days. Where a safety of life service is affected, the notice can have immediate effect.

The EMC Committee will be discussing with Ofcom what the words 'undue interference' and 'has done what they reasonably can to alleviate it' mean for radio amateurs, in the context of these new regulations.

Before offending apparatus can be brought back into use, the new regulations require that it be restored to have the same level of emissions permitted under the EMC Regulations when it was placed on the market or taken into service in the European Economic Area.

While the new regulations apply to a wide range of apparatus, some that are of most concern to radio amateurs are, unfortunately, not covered. For example, the new regulations do not apply to apparatus that is covered by the present Radio and Telecommunications Terminal Equipment Regulations, although these are significantly changing in April and we will, of course, keep Members informed.

The RSGB welcomes the general purpose of the new Regulations but we have reservations about their effectiveness.

The EMC Committee will be compiling questions for Ofcom about the new Regulations, and Ofcom will be providing an article for next month's *RadCom*. Any points you wish to be considered should please be sent to emc.chairman@rsgb.org.uk as soon as possible.

DRM Wanted

A Deputy Regional Manager is required for Leicester and Rutland, District 131 Region 13 East Midlands. If you have some time to spare, are keen to develop amateur radio, are willing to work as part of a team and live locally, then the Regional Manager would like to hear from you. Jim, G0EJQ takes over the role of Region 13 Regional Manager on 23 April and can be contacted by email to rm13@rsgb.org.uk or on 0750 006 1306 or 01522 880 178.

Exam Question Writer's Seminar

The RSGB and Roger, MORBK would like to thank Martin Lynch for allowing the Question Writers seminar to take place in the Ham Radio Training Academy, situated above the ML&S showroom. The session was a great success with those taking part praising the standard of the facilities.

Amateur radio survey

The findings of the Amateur Radio Survey that was undertaken at the end of last year have now been analysed. They will inform the Board's review of the Society's strategic vision and goals. A summary will be given at the AGM and appear in the June edition of *RadCom*. A presentation of the key findings will be made available to affiliated clubs.

QSL Matters

This month at the bureau, we're allowing ourselves a very brief moment of celebration! All incoming cards go through 3 basic stages, holding, sorting and despatch, with smaller stages in between. For as long as anyone can recall, and in common with other busy IARU bureaus, the time it takes for a card to arrive at the bureau and be sent to the sub-manager has been between 3-4 months, subject to seasonal variations. A reduction in the time that cards are held before sorting means that this time is now being reduced by up to one month and will result in Members receiving their cards quicker.

Deciding what is a genuine call sign and what's not makes lots of extra work for the bureau and our experience is that the number of untraceable calls is growing. Around two thirds of all errors we find are for SSB contacts and the remainder CW (no info on data QSOs is available). Some are obvious mistakes, but others appear deliberate, suggesting a rise in piracy during the last 2-3 years. All Members can help us by ensuring logged calls are correct and by ensuring that any personal secondary calls are listed on the RSGB database.

For anyone considering computerising old log books and then paper QSLing, uploading to Logbook Of The World or Club Log is a real cost/time saving alternative. It's often a great way to get that elusive award you've been chasing. Too often we see Members sending volumes of cards for quite old contacts, only to see many returned later as uncollected, non-member, or Silent Key. A good example is G3T-V Sub Manager, Nigel, G3TXF who has begun scanning his personal collection of 500,000+ paper cards, for electronic storage (and recycling). Interestingly, he's uploaded all of his 986,043 QSOs and now has 340,507 contacts confirmed electronically.

Sub managers often report difficulties in contacting Members to advise them of cards waiting or due for recycling. If you have changed your email address in the last 12 months, please check your details on the RSGB Membership database by logging onto the website.

We are pleased to welcome Andy Hook, GM7GDE, as the new volunteer for GM4-8 Series cards. Our thanks go to Tom Wylie, GM4FDM the retiring manager and for his help, in ensuring a smooth transition. For details, see RSGB website.

Strategic review

The Board is embarking on a review of the Society's strategic vision and goals and a Member with group facilitation skills is sought to work with the Board and others during the process. Please contact the General Manager via email to gm.dept@rsgb.org.uk if you are able to assist.

New trustees

The RSGB sponsors HF DXpeditions to the rarer countries through a fund that is supported each year from proceeds of a raffle that is held at the annual RSGB Convention, as well as income from legacies and donations.

The Society wishes to put on record its thanks to Colin Thomas, G3PSM who is stepping down as a Trustee of the fund after 19 years, and to welcome two new trustees – Martin Atherton, G3ZAY and Gordon Rolland, G3USR.

Details of the fund are at <http://rsgb.org/main/operating/hf-dxpedition-fund>

Bid to Host YOTA 2017

The RSGB Board is delighted to announce that the RSGB has been successful with its bid to host the 2017 Youngsters on the Air gathering. It will be held in the summer of 2017 and the RSGB looks forward to working with the IARU Region 1 Youth WG Chair, Lisa, PA2LS as plans are made for this event

NI newsreaders

In the GB2RS report of the April edition of *RadCom*, it was suggested that there were no news readers in Northern Ireland or in the Isle of Man. The GB2RS Manager, G3VBA, would like to apologise for the error as there are a number of excellent news readers in Northern Ireland, some of whom have been reading the news for many years. There are, however, no news readers yet on the Isle of Man. Apologies to all those news readers in Northern Ireland, and our grateful thanks for their service to the amateur radio community. The good news is that since the erroneous report, a new news reader for Northern Ireland has come forward to join the existing team.

New RCF partnership

The Radio Communications Foundation (RCF) and the UK Electronics Skills Foundation (UKESF) have announced a partnership to promote RF engineering at universities. A competition will be open to students at UKESF partner universities who complete RF and communications-related final year projects. It will launch with the support of some UKESF company partners ahead of the next academic year, with details to be published later in the spring. See <http://commsfoundation.org/projects-2/ukesf-rcf-partnership/> for more information..

Meeting with Ofcom

Representatives of the Society met with Ofcom last month. Subjects discussed included how the Society and Ofcom could work more effectively to tackle reports of EMC, implementation of the WRC-15 agreement to harmonise the spectrum allocation at 5MHz and progress with licence re-validation. Ofcom reported that, due to the commissioning of a new IT system, there would be a pause in the revocation process until later in the Spring. Further details are on the RSGB website under the 'RSGB Notices' tab.

Congratulations

To the following Members whom our records show as having reached 80 or 50 years' continuous Membership of the RSGB.

80 years

Mr J D Wightman ZL1AH

50 years

| | |
|----------------|--------|
| Mr R Sykes | G3NFV |
| Mr R M Jones | G3NKL |
| Southgate ARC | G3SFG |
| Mr R B Heaton | G3UGX |
| Mr M J Peake | G3UIJ |
| Mr F Bilke | G3UZD |
| Mr J Elliott | G3WFK |
| Mr A Wickham | G3IAZ |
| Mr R C Whattam | G8ACQ |
| Mr S Haseldine | G8EBM |
| Mr M A Hall | GM8IEM |
| Mr B Cushing | MODJQ |
| Mr R Soifer | W2RS |

Errata

Apologies to Geoff Darby, G7GJU whose callsign was incorrect in the April issue of *RadCom*.

Exam Group volunteers

Following the transfer of responsibility of amateur licence examinations to the RSGB the Examinations Group is looking for volunteers to join the Group. Ideally, volunteers will have a Full Licence and experience in radio communications technology in some professional, educational or employment capacity. Full details are at <http://rsgb.org/main/about-us/volunteering-for-the-rsgb/exams-group/>

Building the ECC

Are you an active member of a RAYNET group and interested in helping promote the role of amateur radio in emergency communications? The Emergency Communications Committee (ECC) is being enlarged to make it easier for committee members to keep in touch with the RAYNET membership in their area. There are three vacancies: the North of England, the Midlands and Northern Ireland.

Where possible Committee members will be expected to meet with the RAYNET groups in their area and attend the zonal meetings organised by RAEN. The main activity is to facilitate the unification of RAYNET however you may be asked to answer questions related to emergency communications or pass them on to someone who can answer them.

If you are interested, please contact Peter Thomson, GM1XEA, by email to ecc.chairman@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 G Ridley, 2E0DVI | Mr N Clark, MOHZO | Mr P Collier, M6GQZ | Mr D Gardner, MW6ZKZ | Mr D Williams, RS307907 |
| Mr R Sindall, 2E0ETD | Mr A Kalisz, MOIGA | Mr J Tranter, M6JDT | Mr G Zenger, N2GZ | Mr S Robottom-Scott, RS307908 |
| Mr S Haigh, 2E0FGM | Mr M O'Connor, MOMKO | Mr M Towle, M6MHT | Mr R Blair, RS307641 | Mr R Burton, RS307918 |
| Mr R Heslop, 2E0HES | North West ARC, MONWC | Mr S Iles, M6OWC | Mr P Hall, RS307649 | Mr A Kirkpatrick, RS307921 |
| Mr M Simonsohn, 2E0HVE | Mr A Leggett, MONWK | Mr J Baggott, M6PVP | Mr M Higham, RS307668 | Mr L Pullen, RS307950 |
| Mr T Benson, 2E0XTV | Mr R Hathaway, M00PR | Mr D Howden, M6WCZ | Mr M Potts, RS307681 | Mr J Hill, RS307959 |
| Mr M Panchal, 308038 | Mr P Hanman, M0PZR | Mr J Unwin, M6WIX | Mr M Dyer, RS307740 | Mr D Wadman, RS307986 |
| Mr L Di Girolamo, G0LMM | Mr A Blackmur, M1BIK | Mr G Szabo, M6YUL | Mr K Ring, RS307741 | Mr R Meeking, RS308012 |
| Mr T Aldridge, G3PJQ | Mr R Argent, M1EGP | Mr K Florence, M6ZBS | Mr P Blagden, RS307758 | Mr M Golding, RS308015 |
| Mr A Parker, G4AXN | Mr C Hemingway, M3DKW | Mr A Maiden, M6ZTD | Mr M Willis, RS307780 | Mr J Ali, RS308028 |
| Mr N Davenport, G4EOX | Mrs P Dixon, M3PKD | Mr K Payne, MD6IUH | Mr A Allen, RS307828 | Mr J Allen, RS308040 |
| Mr A Mcconnachie, G7RRJ | Mr K Furlong, M6BPB | Mr N Prentice, M16NTP | Mr A Hutchinson, RS307830 | Mr R Holland, RS308054 |
| Mr I Jukes, GW1MNU | Mr T Hill, M6EPU | Mr J Welbourne, M16RWW | Mr M A Norrell, RS307834 | Mr D Takayama, SMOUDH |
| Mr D R Catleugh, GW8YDR | Mr R Sansom, M6EYO | Mrs A Hazel-McGown, MM6YWF | Mr M Kaczmarek, RS307835 | Mr P Rentsch, VK3FSPR |
| Mr M Minzoni, IW4DXK | Mr J Poriyath, M6FVM | Mr W Horobin, MW3TGX | Mr K P Taylor, RS307879 | Mr P Hartwell, VK6GX |
| Mr N Takahashi, JE8KKX | Mr G Wardell, M6FXH | Mr L Horobin, MW3UFN | Mr M Wells, RS307891 | Mr C Olheiser II, W7AIT |
| Mr J Cantor, K1ZN | Mr L Ulvenmoe, M6GBL | Mr J Nicholas, MW6EEJ | Mr M Marshall, RS307892 | Mr C Allen, W9CCA |
| Mr A Johnson, KD7VDG | Mr E Thresher, M6GQG | Mr O Hopkin, MW6ORH | Mr D Jappy, RS307896 | Mr W Milton, WG90 |
| Mr P Gorczycki, MOHTP | Mr P Hunter, M6GQP | | | |

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

| | | | | |
|-----------------------------|------------------------|--------------------------|-------------------------|-------------------------------|
| Mr R K Hampson, 2E0SON | Mr A Goldstraw, GOPSH | Mr D S Restall, G4FCU | Mr P M Jones, GW4PJQ | Mr P Dallas, M1OPFD |
| Mr S H B Montgomery, 2IOSHM | Mr N W Taylor, G0RUF | Rev J McKae, G4ILA | Epsom Scouts RG, M0ESG | Mr J Sinclair, M1OZSC |
| Mr D A Douglas, 2MOAZC | Mr G Skupski, GOVMA | Mr P J Hodgkinson, G4IPB | Mr B Chalmers, MONBA | Mr S J Henry, M15UTC |
| Mr R Cotterell, 2WORDD | Mr M J Buckland, GOXAE | Mr A Tapp, G4MTQ | Mr N Q Berrie, MONQB | Mr P C Clutton, MW3GWP |
| Mr P Pollock, E18JT | Mr D W Dixon, G1DCG | Mr R J Briggs, G4YJB | Mr M Reeve, M0PTO | Mr RLF Coomber, RS178146 |
| Mr G Gerard, F5BEG | Mr A Adams, G1EGZ | Mr T Hunt, G6MEW | Mr A Snelson, M0WAV | Mr P Jules, RS183998 |
| Mr F Beesley, G0EYJ | Mr M G Halloway, G1NRF | Mr D F Brain, G7RUJ | Mr J H Green, M1JHG | Teldan Info Systems, RS196674 |
| Mr D R Moore, G0FZH | Burton ARC, G3NFC | Mr C R Blackmur, G8FHN | Mr P J Brindle, M3PMO | Mr L Sheldon, RS302046 |
| Mr N Brook, G0KIY | Mr A F Smyth, G3XNE | Mr C G Miller, G8KVO | Mr S L Collis, M5SLC | Mr S G Kirk, RS35594 |
| Mr G T Greed, G0LCQ | Dr R G Scaife, G4ALH | Mr C Bonnett, G8OTE | Mr D McCarthy, M6BYK | Mr M Lindgren, SK2AT |
| | Mr I Bontoft, G4ELW | Mr T G Main, GM4DCL | Mrs N J Sinclair, M6TLD | |

Schools contact the International Space Station

On 5 March, people gathered at Builth Wells high school to watch the ARISS QSO with Tim Peake on the international space station.

Builth Wells High School invited three other local schools to take part in the once-in-a-lifetime event. Also present were Jeremy Curtis and Susan Buckle from the UK Space Agency along with the RSGB Representatives Mike Jones, 2E0MLJ and Will Davies, 2WOWOD from the Youth Committee, Region 7 Manager Jimmy Sneddon, MW0EQL and RSGB President John Gould, G3WKL. All of the RSGB representatives were busy talking to pupils and staff about amateur radio and how they could get their licences.

There had been a lot of build up to the event on Saturday with pupils doing space themed work as well as work about interviews and had made a video of their questions (and expected answers). The pupil's work was featured on a wall.

A lot of work was put in by the Brecon and Radnorshire ARC and by ARISS who were busy there hours before the contact setting up. The ARISS team consisted of Carlos, G3VHF (radio), Phil, MODNY (sound), Frank, M0AEU (graphics), Noel, G8GTZ (audio stream) Graham, G3VZV (camera), John, G7ACD (camera), Alex and, of course, Ciaran, M0XTD who was the main speaker for ARISS. The team used a lot of tracking software to find out where the ISS was and when the AOS and LOS were and used a TS-2000 with two beam antennas mounted on John, G7ACD's mast.

At the time of AOS, Becky Bowen, 2W0YLL (main operator) called, "GB1SS this is GB4PCS standing by for a scheduled contact, over". Uniquely to Powys, there was an instant reply from Tim, which hasn't happened in a UK ARISS contact before. As the pass went on, he became clearer and clearer and around 10 pupils managed to pass messages. As Tim was about to go from the horizon, Becky wrapped the contact up and said goodbye. Just before this though the crowd cheered to show their appreciation



to Tim for giving up his time to talk to the schools. After the QSO Jeremy Curtis and Susan Buckle from the UK space agency took a question and answer session which lasted 35 minutes. The audience thoroughly enjoyed themselves throughout the event especially during the climax, which of course was when the team managed to talk to Tim.

Becky who made the contact has the following words to say about the amazing experience. "On the Friday before the contact with Tim I was feeling quite confident, I didn't realise how big this event was going to be. On the morning of the contact I was feeling very nervous to be standing in front of all those people and also to be speaking to Tim Peake. It was an honour and privilege to speak to Tim and to be able to do the contact with Powys Schools. It wouldn't have been possible to do it without Adam who is the chairman of the Brecon and Radnor ARS and also the team at ARISS."



In conclusion, the event was very successful especially when we heard Tim's voice. It was truly mesmerising! I'd like to give my thanks to ARISS for all the work they did as well as Brecon and Radnor ARS.

A thoroughly enjoyable morning was had by all.

(Will Davies 2WOWOD, youth@rsgb.org.uk)



In Essex

Although there are no planned contacts with Tim Peake from Essex, that hasn't stopped local amateurs from helping schools to engage with the ISS and amateur radio. A small team from Essex Ham helped pupils, staff and parents at St Michael's School in Leigh-on-Sea, to tune in to the downlink of two ARISS contacts. Pupils have been taking part in Tim Peake's Space Seeds experiment, and the opportunity to hear him live was a perfect fit with the school's existing studies of space and the ISS.

The event received coverage for amateur radio in the local press, and St Michael's School has since made use of the RSGB Youth Video to stimulate interest in amateur radio. Pete, M0PSX from Essex Ham is a STEM Ambassador, a network of volunteers able to work with schools to help encourage a greater understanding of science, technology, engineering and maths.

Mesh operators meeting planned

An initial meeting for all those interested in Broadband-Hamnet, a system of digital communications on the amateur microwave bands, will be held on 22 May at Crawley Amateur Radio Club, Hut 18, Tilgate Recreational Centre, Tilgate Forest, Crawley.

The organisers hope to attract attendees from across the country. There will be presentations, demonstrations and open discussions.

Please contact Ted, G4ELM, via email to BBHN.Event.2016@gmail.com to receive a copy of the agenda and to let him know if you plan to attend.

Lundy DXpedition

A DXpedition to Lundy Island (EU-120) will take place from 2 to 7 May by three members of the Virtual ARC from Kent. Mark, G0GQT, Keith, MOKJA and Nigel, G0GDA will be using the club callsign MX0VRC as /P. The island has no grid electricity and uses generated power between 6am and midnight, the units being switched off during the night to rest them and the three intrepid amateurs. Three stations will be using a variety of aerials and running SSB, data & CW on the 10 to 80m bands. QSL is by eQSL. www.qrz.com/db/mx0vrc

Cluster net is growing

The SouthWest Cluster 950 Net is currently running on Sunday evenings across GB7AA, GB7BS, GB7JB, GB7SD, GB7DR and now GB7KT joined the network recently. The DMR net is on Slot2 Talkgroup 950. GB7CW is in the final stages of establishing their new internet link, GB7MJ (Romsey) is due to join very soon and GB7ED and one other repeater are due to join the network in late Spring.

The SouthWest Cluster operates independently of the Phoenix and BrandMeister networks. As the 950 net is still experimental, a vote is currently running on the Bristol 70cm Repeater Group Facebook pages to get user feedback on the timings of the network. If you do not use Facebook, feel free to drop Mat, G7FBD an email with your suggested slot via <http://gb7bs.com/index.html>.

Bath University Exam Successes

Following well-received talks at the Trowbridge and City of Bristol clubs on the RF Studies carried out at Bath University, Prof Cathryn Mitchell decided to give amateur radio a try. Six of her PhD students also joined in and all have now passed the Foundation and Intermediate exams. Most of the students took part in the Bath Buildathon in January building the Kanga Acorn II SDR and others built G-QRP Club Sudden receiver kits in their home

countries over the Christmas break. Cathryn and her students represent no fewer than six nations, a truly international class! Thanks to Philip, MOPHI, Lewis, G4YTN and Dan, MOTGN for helping with tuition, assessments and invigilation. Some of the new 2EOs are now continuing their studies in Bath aiming to sit the Advanced exam in July. The photo shows Cathryn (second from the left) with her team, less Sam Lo who was not around for the group photo by Steve, G0FUW, lead instructor at the Bath Radio Classes.



Mills on the air

This year, Mills on the Air takes place on 14 and 15 May, with details of participating stations at www.g4cdd.net

Cambridge & District Amateur Radio Club will be running GB0CMW from Cattell's Windmill, Mill Road, Willingham CB24 5UU. The Mill has external seating and a tea room with the radio operating within the Mill, which is accessed via steps. Contact Ian, MOHTA, 0744 304 6045

Leicester Radio Society will be operating GB2WWM from Wymondham Windmill, Butt Lane, Wymondham LE14 2BU. There's a tea room serving everything from snacks to main meals plus assortment of small shops. Contact John, G0IJM, 0793912 1132.

Eight years ago Dutch amateurs took part at a Pumping-station in the Northeast of Groningen and their participation has grown every year. Last year stations from Belgium and Sweden joined in making it a truly international event. PB16MILL will operate from the De Eendracht mill at Gieterveen in the Northeastern part of Drenthe. Details at www.pd6mill.com.



Cars with masts

Twenty five used ex BBC local radio cars are being sold on behalf of the BBC by Cambridge Broadcast. These units have a professional technical installation of a pneumatic mast. The vehicles are all Peugeot based on either 806 or 807 models and ages range from 2001 to 2006. Most have technical battery fit outs with split charging from engine, and external mains inputs, with 19" equipment racks, and audio monitoring. For details see <http://cambridgebroadcast.com/Vehicle/bbc-radio-car/>

HamBay

HamBay is a free ads service for amateurs to sell and buy their surplus equipment. It is located at www.hambay.uk. This service is being provided by Adrian Lane, 2E0SDR.

New Nepali amateurs



The photo shows just some of the 45 new radio amateurs in Kathmandu, Nepal. Kathmandu now has two FM repeaters, one of which is connected to the internet, IRLP node number 5511 and W6KTM-R Echolink node number 461694. Their tutor, 9N1SP is on the left of the photo. For more information visit www.qsl.net/9n1sp

241GHz QSO

There was an error in the report last month of the first UK contact on 241GHz between G8CUB and G0FDZ. The world record is actually 114.4km in a contact between WA1ZMS and W4WWQ back in 2008. Apologies for the error. Details of various distance records of interest to the radio amateur can be found at www.ok2kkw.com/dxrecords.htm#76g

Digital survey

Leicestershire Repeater Group recently carried out a survey into users views on Digital FM. They received results from 20 people, including some non-members of the repeater group. 15 were in favour of implementing a digital voice facility with 10 favouring GB3CF (2m) and 11 already had some digital FM equipment. Of those who have digital facilities there was quite a mixture with 7 having Yaesu Fusion equipment, 5 Icom D-Star, Motorola 2 and 3 did not specify. Some had more than one variety of kit.

All respondents are thanked for their input and the many useful comments. As a result of the information the LRG Committee have decided to implement a Yaesu Fusion dual mode repeater (analogue and digital FM) on GB3CF, subject to the necessary approvals.

GB3LEU synth problems

The Leicestershire UHF Beacon, GB3LEU, was switched off on 24 February to investigate spurious emissions that were being produced by the synthesiser stage of the transmitter, which uses a design based on the LMX2541 IC. It is not known how long it will be out of service. If anyone has experience of this particular chip and has cured the problem of spurious outputs or has no problems with it, LRG would appreciate any information. Please contact Geoff Dover, G4AFJ on 01455 823344.

Kenwood UK VHF challenge

The aim of the Kenwood UK VHF Challenge is to work as many large locator squares during 2016 on 2m and 6m as possible. For example, one point for a QSO with JO01 and one point for IO91 and so on. All modes are allowed but not the use of repeaters, satellites or other relaying.

Provide a simple list of your QSOs with station worked, band, time and locator squares in either a MS Word, text or spreadsheet file to Mark Haynes, MODXR by email to mark.haynes@uk.jvckenwood.com by 14 January 2017.

There will be a trophy and prize for the winner.

EMF 2016

Electromagnetic Field is a non-profit UK camping festival for those with an inquisitive mind or an interest in making things: hackers, artists, geeks, crafters, scientists and engineers held on 5 to 7 August at Loseley Park, Guildford.

A temporary town of more than a thousand like-minded people enjoying a long weekend of talks, performances, and workshops on everything from blacksmithing to biometrics, chiptunes to computer security, high altitude ballooning to lockpicking, origami to democracy and online privacy to knitting. Details and tickets can be found at www.emfcamp.org/

RAOTA net

Laurie, G2BUP and Fred, G6YUY were both present on a recent Radio Amateurs Old Timers Association 40m net, and they are both 100 years old! Fred turned 100 in February and Laurie in March.

RAOTA seeks to keep alive the pioneer spirit and traditions of the past in today's amateur radio by means of personal and radio contact, whilst being mindful of any special needs.

BYLARA at rallies

British Young Ladies Amateur Radio Association (BYLARA) members will be in attendance at the Village at War event in Tilford on 7 and 8 May. They look forward to welcoming members and friends.

Collins radios

The European Collins Collector Association (CCA) is 6 years old. With 261 members all around the world, the website has news, technical articles in English, French and Italian and articles about Collins radios. See www.ccae.info There are nets on Saturdays on 7.165MHz at 11am local Paris time and on Thursdays on 14.263MHz at 3pm local time in Paris.

JARL 90th Anniversary Award

To celebrate its 90th anniversary, JARL has several awards available for contacts between 12 June 2015 and 11 June 2016. Applications must arrive by 31 December 2016. There are awards for contacts with Japanese amateur stations with 9 different prefixes, 9 different cities or ku of Japan, 9 different Guns of Japan, 9 different prefectures of Japan or with 90 different amateur stations. Details at <http://tinyurl.com/hmeg9rk>

70cm net

North Bristol ARC run a 70cm net on Sundays from 1900 - 2000UTC. The net is operated in association with the Bristol 70cm Repeater Group on GB3BS (RU68). Members and non members are most welcome, as are newly licensed operators. A wide range of subjects are discussed, some not radio related at all.

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 June edition is 28 April and for the July issue it's 26 May. 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 3.770MHz at
8pm. Rallies this month: Stoke Bruerne & Oxon

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, MM0ZIF,
RM1@rsgb.org.uk

Cockenzie & Port Seton ARC
Bob, GM4UYZ, 01875 811 723
6 Normal club night
13 First 144MHz DF hunt, Co-Op car park
6.30pm

Livingston & DARS
Cathie, 2MODIB, 01506 433 846
3, 17, 24, 31 Operating and training
10 Introduction to contests

Lothians RS
Mike, MMOMLB, secretary@lothiansradiosociety.com
11 Holiday DXpeditions, Andy, MMOFMF
25 DF hunt. Peter, GM4DTH

Stirling & DARS
Myles, MMOMYL, 07890 477 516
1, 8, 15, 22, 28 10.30am-2pm construction,
projects and training
5, 12, 19, 26 7-9pm operating, presentations
and training

Wigtownshire ARC
Ellis, GMOHPK, ellis@gaston.freeseve.co.uk
5 Antenna construction night
12 Club night
19 Foxhunt
26 Club night

**REGION 2: SCOTLAND NORTH
& NORTHERN ISLES**

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

Aberdeen ARS
Fred, GM3ALZ, 01975 651 365
5 Junk sale
12 Preparation for MillsOnTheAir
14-15 Mills on the Air atStrathdon
19 Fox hunt
26 Prep for National Field Day

Glenrothes & DRC
Tam, MMOGTB, 0775 3526 498
4 DVD evening
11 Construction/operating (Leven)
18 SD for field day
25 Amateur satellite comms

REGION 3: NORTH WEST

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

Bolton Wireless Club
boltonwireless@gmail.com
9 Show & tell

Chester & DRS
Bruce, MOCVP, 01244 343 825
3 Understanding digital technology,
Paul, G3TZO
10 Committee meeting
17 Grand surplus sale
24 Operating evening at Waverton Institute

Furness ARS
Chris, MOKPW, furnessamateurradio@outlook.com
2, 16, 30 Social meeting at Newton
7 SES at Wray Castle, Ambleside
11, 25 Presentations and demos at Barrow
14-15 Mills on the Air at Gleaston

Macclesfield & DRS
info@gx4mws.com
2 Shack tidy up
9 On the air
16 Proposed Earth – Mars communications,
MOTXX
23 Construction project
30 Prep for upcoming field weekend

Mid-Cheshire ARS
Peter, G8HAV, 01606 553 401
4 Planning for Field Day
11 HF station on the air
18 Committee meeting
25 Testing VHF and UHF equipment

South Manchester R&CC
Ron, G3SVW, 01619 693 999
5 Emstron Helicopters, Chris, G8ZCJ
12 Propagation clinic, Ron, G3SVW
19 AGM
26 Beyond the Advanced syllabus

Stockport RS
Heather, M6HNS, 07506 904 422, info@g8srs.co.uk
3 Society night
12 Club net
17 Radio night
24 Skills night
28-29 CQ WPX CW 48hr Contest

Thornton Cleveleys ARS
John, G4FRK, 01253 862 810
2, 30 Closed
9 HF pedestrian mobile, Dave G4AKC
16 Quiz night
23 VHF Field Day preparation

REGION 4: NORTH EAST

Regional Manager: RM4@rsgb.org.uk

Angel of the North ARC
Nancy, G7UUR, 01914 770 036
2, 30 Closed
9, 16 On the air
23 Mountain goats and shack sloths,
David, G0EVV

Denby Dale RC
Darran, G0BWB, 07974 423227
4 Ultra HD broadcasting,
Dr PavlosLazaridis, SV2HQE
7-8 ARI International DX Contest from
Farnley Tyres
11, 25 Night on the air
14-15 Mills on the Air from Thwaite Mill
and Worsborough Mill
18 Rig check night, Gerald, G3SDY
29 Demonstration for Cubs from
Bradley Wood

Ripon & DARS
David, G3UNA, 01423 860 778
5, 12, 19, 26 Club night

Sheffield & District Wireless Society
Krystyna, 2EOKSH, 07884 065 375,
info@sheffieldwireless.org
4 Show and tell
11, 25 Social night
18 Propagation studies

Sheffield ARC
David, G6DCT, littlewood20@btinternet.com
2 Closed
9, 30 Club night
16 Shack night operating MORCU
23 Home construction awards

REGION 5: WEST MIDLANDS

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

Central Radio Amateur Circle
Martin, G1TYV, 07948 027 994
5 Group meeting
7 Shed work, group meeting
14, 28 Equipment testing
21 Closed
22 Black Country Radio Rally Mark 2

Coventry ARS
John, G8SEQ, 07958 777 363
3, 5, 12, 19, 26 Open net, 8pm, 145.375MHz
FM and/or 7.16MHz ± QRM
6 Simple construction of aerials

- 13 Fish & chips evening
- 14-15 GB80MB, National Mills Weekend, The Old Mill, Baginton
- 20 G4ZMC portable competition trophy at Sowe Common
- 27 Portable challenge at the club house

Gloucester AR&ES

- Anne, 2E1GKY, 01242 699 595 daytime**
 2, 30 Outdoor operating from Crickley Hill
 4, 11, 18, 25 Net, 7.30pm, 145.500MHz then QSY
 9 Visit by Mike, 2E0MDJ, Gloucester Repeater Group
 16 DF hunt

Hereford ARS

- Rod, MOJLA, 01432 356 079**
 6 Fusion update and DMR repeaters, Matt, G8XYJ and Dave, G4OYX

Malvern Hills RAC

- Dave, G4IDF, 01905 351 568**
 10 Visit to the Wychbold transmitter, Mike, G3TGD
 25 Informal

Midland ARS

- Norman, G8BHE, 07808 078 003**
 4 Open meeting, shack on the air and training classes
 11 Committee meeting and training classes
 18 Rally visits review and visits, training classes
 25 More planning for 85th birthday in June and training classes

Mid-Warwickshire ARS

- Don, G4CYG, 01926 424 465**
 10 Day out in Stratford
 24 DVD evening

Nuneaton & DARC

- Neil, MONKE, info@ndarc.co.uk**
 3, 10, 24 UK Activity Contest
 5, 12, 19, 26 Net, 9.30pm, 145.475MHz
 6 Social pint & chat

Salop ARS

- salopamateurradio@gmail.com**
 3, 10, 17, 24 CW net 4.30pm, 144.070MHz; voice net, 8.30pm, GB3LH
 5 Pedestrian foxhunt #1
 12 Shack night, G3SRT on the air, committee meeting
 19 Natter night
 26 Radio controlled drones, Malcolm, GOEBD

South Birmingham RS

- Gemma, M6GKG, gemmagordon.m6gkg@gmail.com**
 2, 30 Closed
 3, 10, 17, 24, 31 Coffee morning, 11am to 1pm visitors welcome
 5, 12, 29, 26 Training classes with Dave, G8OWL
 6, 13 Sorting equipment for outside events
 9, 16, 23 Work in the shack
 20 Planning rally visits

Stratford upon Avon & DRS

- Clive, GOCHO, 01608 664 488**
 9 AGM & surplus sale
 23 In the shack

Sutton Coldfield ARS

- Robert, spirit.guide@hotmail.co.uk**
 2, 16, 30 Open net, ±145.250MHz, 7.30pm
 9, 23 Club meeting
 10 Open net 70.475MHz FM, 7.30pm
 24 DMR open net, GB7FW, Slot/Local2, 7.30pm

Wythall Radio Club

- Chris, GOEYO, 07710 412 819**
 1, 8, 15, 22, 29 Club net, 145.225MHz or GB3WL 8pm
 2, 11, 19 80m Club Championships
 3, 10, 17, 24, 31 Morse class 7.30pm, free and easy
 6, 13, 20, 27 Nibbles night in the shack
 10 Committee meeting
 14-15 Mills on the Air weekend
 21-22 RSGB May 144MHz Contest
 30 Curry night

REGION 6: NORTH WALES

Regional Manager: Ceri Lloyd Jones, 2W0LJC
 RM6@rsgb.org.uk (after 23 April 2016)

North Wales RS

- Ceri, 2W0LJC, 2w0ljc@mail.com**
 5 General meeting
 12 Technical topic
 19 Secret Camp, Gordon, MW0GBR
 26 Natter night

REGION 7: SOUTH WALES

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

Aberystwyth & DARS

- Ray, GW7AGG, 01970 611 853**
 12 Visit to Blaenplwyf transmitting station with Mark, GW4LHL
 26 Net on 145.500 then 145.550MHz

Blackwood and District ARS

- www.gw6gw.co.uk**
 13 Practical night, trap testing

Llanelli ARS

- Craig, MW0MXT, 01269 845 773**
 2, 30 Closed
 9 On air night & club raffle
 16 DVD night
 23 Junk sale & club raffle

REGION 8: NORTHERN IRELAND

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

Ballymena ARG

- Hugh, GIOJEV, 028 2587 1481**
 1-2 CASHOTA at Shanes Castle steam traction rally, Antrim BT41 4NE

Bangor & DARS

- Norman, GI3YMY, norman.newell@yahoo.com**
 5 PSK31, Dr Harry Squance, GI4JTF

REGION 9: LONDON & THAMES VALLEY

Regional Manager: Tom O'Reilly, G0NSY
 RM9@rsgb.org.uk (after 23 April 2016)

Bracknell ARC

- Andy, MOHAK, andy@mohak.co.uk**
 4, 18, 25 Club net, 8pm, 145.375MHz
 11 VHF/UHF digital voice modes, Andy, MOHAK

Edgware & DRS

- Mike, G4RNW, 02089 500 658**
 12 Trip down memory lane, GOPQB
 26 Constructors' Cup competition

Harwell ARS

- Malcolm, G8NRP, 01235 524 844**
 12 How your digital telly works, Ron, G7DOE

Newbury & DARS

- Rob, G4LMW, 01635 862 737**

- 25 AGM

Reading & DARC

- Pete, G8FRC, 01189 695 697**
 12 RMS *Republic* and RMS *Titanic*, Tony Selman
 26 VDSL2 QRM, Tony Canning, GOOPB

Southgate ARC

- Mr K Mendum, G8RPA, g8rpa@arrl.net**
 11 Computer Clinic, Keith, G8RPA
 27-30 Enfield Pageant of Motoring

Verulam ARC

- Peter, G4HSO, g3v@btinternet.com**
 12 Social with GB3VH Repeater Group 7.30pm, Rose and Crown
 17 Digital mobile radio talk

REGION 10: SOUTH & SOUTH EAST

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

Bromley & DARS

- Andy, G4WGW, 01689 878 089**
 4, 11, 18, 25 Net, 9pm, 145.500MHz (and QSY)
 17 Skills night

Coulsdon ATS

- Mike, M1CCF, 020 8654 2582**
 14 Construction evening pt 2, Steve Beal, G3WZK

Crawley ARC

- John, G3VLH, 01342 714 402**
 18 An introduction to DMR, Denis Stanton, GOOLX

Cray Valley RS

- Richard, G7GLW, 07831 715797**
 5 Meet the members
 19 Contest or ISS talk

Crystal Palace R&EC

- Bob, G30OU, 01737 552 170**
 6 The role of amateur radio in WW1, Dr Elizabeth Bruton

Darenth Valley RS

- Mike, G8AXA, 01689 856935**
 11 On the air & start of Foundation course
 25 Audio for large venues, Steve, MOHRY

Dorking & DRS

- David, M6DJB, djb.abraxas@btinternet.com**
 24 The 2016 Sporadic-E season, Jim Bacon, G3YLA

Eastbourne E&RC

- Peter, g4urt@btinternet.com**
 9 Project/demo
 23 Pre South East Radio Fair meeting
 30 Closed

Echelford ARS

- John, G4GSC, 01784 451 898**
 12 50 years as an amateur radio journalist, Don Field, G3XTT
 26 NFD pre-contest briefing, Stuart, MOSAR

Horndean & DARC

- Stuart, G0FYX, 02392 472 846**
 5 Natter night/social evening
 19 EMC, Dave Williams, G8PUO

Horsham ARC

- Alistair G3ZBU, 07855 268666**
 5 DVD evening
 12 Social, The Sun, Dunsfold
 26 Fox Hunt

Next deadline is 28 April

Mid-Sussex ARS

Stella Rogers, M6ZRJ, 01273 844 511,
newsletter@msars.org.uk

- 6 The story of The Crystal Palace, Ian Gledhill
- 13 Prep for Mills on the Air
- 14-15 Mills on the Air
- 20 Radio night
- 27 Construction competition

Ridgeway Repeater Group

www.rrg.org.uk/

18 AGM, 7.30pm, 6 Drakes Meadow, SN3 3LL

Southdown ARS

Andy, M6GND 01323 486 924

- 2 Show, tell and sell, 7.30pm
- 4 Hailshamshack open 10.30m, HF SSB and CW
- 4, 11, 18, 25 8.30am 145.275 FM, Cafe Meet 12.30pm, BHRS 2.30pm 144.300SSB, 45.500FM, 51.600FM
- 5, 7, 12, 14, 19, 21, 26, 28 9.50am 145.275 FM, 10am 7.035 CW
- 7, 14, 21, 28 BHRS 12.30pm 144.300SSB, 145.500FM, 51.600FM
- 14-15 Mills on the Air, Polegate Windmill

Surrey Radio Contact Club

John, G8IYS, 020 8657 0454

- 1, 8, 15, 22, 29 Net, 1905kHz, 9.30am
- 5, 12, 19, 26 Net, 70.300MHz, 8pm
- 6, 13, 20, 27 Net, 145.350MHz, 8pm
- 9 Weather satellites, Gareth, G4XAT
- 23 Chat and fix-it, John, G8MNY

Sutton & Cheam RS

John, G0BWV, 0208 644 9945

- 13 AGM and Constructional Contest

Worthing & DARC

Al, M0OAL, information@wadarc.org.uk

- 1 9 – 10am Sunday Breakfast
- 1, 8, 15, 22, 29 Net, 7.30am, 3.172MHz SSB
- 2, 9, 16, 23, 30 Net, 7.30pm, 145.425MHz FM
- 4, 18 Club evening
- 5, 12, 19, 26 Net, 11am, 7.106MHz SSB
- 11 Social at The Old Tollgate, Bramber
- 14-15 Mills on the Air, High Salvington
- 25 Restoring Radios, part 2, by Andy M6RFE

REGION 11: SOUTH WEST & CHANNEL ISLES

Regional Manager: Pam Helliwell, G7SME

RM11@rsgb.org.uk

Bristol RSGB Group

Robin, G3TKF, robin@g3tkf.co.uk

- 30 Rockets and X-Rays, John Thomas, G4DWV

Burnham on Sea ARC

Brian, G4RGY, 01278 683 645

- 4, 18 Club night

Callington ARS

John, G4PBN, 01822 835 834

- 4 Monthly meeting

Cornish Radio Amateur Club

Steve, G7VOH, 01209 844 939

- 4 Committee meeting
- 5 Main meeting
- 19 Club evening

Exeter ARS

Nick, MONRJ, 01363 775 756

- 3 GB3EX net, 7.45pm
- 10 GB3EWnet, 7.45pm

- 11 HF beacons workshop
- 17, 24, 31 Club net, 145.575MHz, 7.45pm
- 25 QRP Field Day and BBQ planning

Mid-Somerset ARC

David, G8BFV, 01749 670085

- 10 Talk on Photography by Jeff, MOPRF
- 14-5 Mills on the Air

North Bristol ARC

Mat, G7FBD, g7fbd@gb3bs.com

- 1, 8, 15, 22, 29 DMR open net (Slot 2, Talk Group 950) 6-7pm, GB7AA, GB7BS, GB7FI, GB7JB, GB7SD, GB7DR, GB7CW, GB7KT and GB7MJ, then open net on GB3BS 7-8pm
- 6 Outdoor event, Sea Walls, Clifton Down
- 13 Talk
- 20, 27 Relax and chat plus operating and training

Plymouth Radio Club

David, 2E0DTC, d.beck123@btinternet.com

- 10 Test and demo of the new remote transmitter and logging software
- 15 Visit to Plymouth Lifeboat
- 28 Plymouth Lord Mayor's Day & Celebrations

Saltash & DARC

Mark, MOWMB, 01752 215 546

- 5 Club night
- 19 Bring and buy evening
- 5 Mills on the Air briefing
- 7-8 Mills on the Air
- 12 Quiz night
- 19 The fun and fascination of wine making, Mark, 2E0FKV
- 26 Open house and on the air night

Thornbury & South Gloucestershire ARC

tsgarc@gmail.com

- 4 RAYNET, Andrew, GORVM
- 6, 13, 20, 27 Club net
- 11, 25 On the air night
- 18 Build a 70cm antenna, Andrew, GORVM and John, MOHFF

Torbay ARS

Dave, G6FSP, g6fsp@tars.org.uk

- 6, 20 Club night
- 13 Club night & business meeting
- 27 Display of the Fire Service Incident Command Unit from DSFRS

Weston Super Mare RS

Paul, G3SDH, g3sdh@btinternet.com

- 2, 9, 23, 30 Construction, operating & natter night
- 16 Main meeting on the beach

Yeovil ARC

Rodney, MORGE, 01935 825791

- 5 The use of radio in World War 2 by G3MYM
- 12 Mini talks
- 19 Morse practice by G3MYM
- 26 On the air and problem solving

REGION 12: EAST & EAST ANGLIA

Regional Manager: RM12@rsgb.org.uk

Braintree & DARS

John, M5AJB, 01787 460 947

- 2 Natter night; Mills weekend update
- 16 AGM

Cambridge & DARC

Ian, MOHTA, publicity@cdarc.co.uk

- 1, 8, 15, 22, 29 Mets, 8.30am
- 144.180MHz USB, 10.30am 7.0875MHz
- LSB or 3.620MHz LSB, 11.30am
- 145.550MHz FM
- 4, 11, 18, 25 Net, 8.00pm 145.550MHz FM

- 13 Operating review, David, G6WKD and David, GOLRD

- 14-15 Mills on the Air, Cattell's Windmill, Willingham
- 27 Amateur Radio & CNC Milling Presentation – Jenny GOVQH

Chelmsford ARS

secretary@g0mwt.org.uk

- 3 Introducing Moonbounce by John Regnault, G4SWX
- 16 Skills Night at Danbury Village Hall
- 28 Waters and Stanton Open Day

Colchester Radio Amateurs

Stefan M0XLB, 07771 616 676

- 19 Coax as a flexible RF component, John, G4SWX

Felixstowe & DARS

Paul, G4YQC, pjw@btinternet.com

- 2 ARISS update, Steve, M1ACB
- 15 GB2WTM for Mills on the Air
- 23 Quiz night, Keith, G7CIY

Leiston ARC

m0iah@gmail.com

- 12 Sporadic E, Jim Bacon, G3YLA
- 24 2m + 70cm contest

Norfolk ARC

Chris, GODWV, 01603 898 678

- 4 Weather One by Jim Bacon, G3YLA
- 11 Informal
- 18 Images of the Universe by Paul Money
- 25 Repeater Group meeting / informal

South Essex RS

Terry, G1FBW, 07986 070 040

- 10 Using a cheap SDR, Paul, 2E0DNQ
- 15 GB2RWM at Rayleigh Windmill, Mills on the Air, 10am to 4pm
- Thames ARG
- targradio@outlook.com
- 6 Club night
- 13, 27 Club net on GB3DA
- 14-15 Foundation course and exam
- 20 TARGetmembers only night, construction, Advanced tutoring
- 28-5 June Crowsheath Camping

Thurrock Acorns ARC

Gordon, 2E0ELI, acorns@taarc.co.uk

- 5, 12, 29, 26 Open net, 2m FM simplex, 7.30-8.30pm

REGION 13: EAST MIDLANDS

Regional Manager: Jim Stevenson, G0EJQ

RM13@rsgb.org.uk (after 23 April 2016)

Derby & DARS

Richard, radio@dadars.org.uk

- 3 Junk sale
- 10 Committee meeting

Leicestershire Repeater Group

www.leicestershirerepeatergroup.org.uk

- 12 AGM, Greyhound Inn, Botcheston,

Lincoln Short-Wave Club

Pam, G4STO, 01427 788 356

- 3, 10, 17, 24, 31 UK Club Contests
- 4 Shack activities + G5FZ OTA
- 5 Club net via GB3LM, 8pm
- 7 Saturday Surgery + G5FZ OTA
- 11 Testing radios, Steve Bowden, G4XCK
- 12, 19, 26 Club net, 145.375MHz, 8pm
- 14, 28 Shack Activities + G6COL OTA
- 16 Committee meeting then GB5DAM SES
- 16 GB5EM, Ellis Mill, for Mills on the Air

Mid-Sussex ARS

Stella Rogers, M6ZRJ, 01273 844 511,
newsletter@msars.org.uk

- 6 The story of The Crystal Palace, Ian Gledhill
- 13 Prep for Mills on the Air
- 14-15 Mills on the Air
- 20 Radio night
- 27 Construction competition

Ridgeway Repeater Group

www.rrg.org.uk/

18 AGM, 7.30pm, 6 Drakes Meadow, SN3 3LL

Southdown ARS

Andy, M6GND 01323 486 924

- 2 Show, tell and sell, 7.30pm
- 4 Hailshamshack open 10.30m, HF SSB and CW
- 4, 11, 18, 25 8.30am 145.275 FM, Cafe Meet 12.30pm, BHRS 2.30pm 144.300SSB, 45.500FM, 51.600FM
- 5, 7, 12, 14, 19, 21, 26, 28 9.50am 145.275 FM, 10am 7.035 CW
- 7, 14, 21, 28 BHRS 12.30pm 144.300SSB, 145.500FM, 51.600FM
- 14-15 Mills on the Air, Polegate Windmill

Surrey Radio Contact Club

John, G8IYS, 020 8657 0454

- 1, 8, 15, 22, 29 Net, 1905kHz, 9.30am
- 5, 12, 19, 26 Net, 70.300MHz, 8pm
- 6, 13, 20, 27 Net, 145.350MHz, 8pm
- 9 Weather satellites, Gareth, G4XAT
- 23 Chat and fix-it, John, G8MNY

Sutton & Cheam RS

John, G0BWW, 0208 644 9945

- 13 AGM and Constructional Contest

Worthing & DARC

Al, M0OAL, information@wadarc.org.uk

- 1 9 – 10am Sunday Breakfast
- 1, 8, 15, 22, 29 Net, 7.30am, 3.172MHz SSB
- 2, 9, 16, 23, 30 Net, 7.30pm, 145.425MHz FM
- 4, 18 Club evening
- 5, 12, 19, 26 Net, 11am, 7.106MHz SSB
- 11 Social at The Old Tollgate, Bramber
- 14-15 Mills on the Air, High Salvington
- 25 Restoring Radios, part 2, by Andy M6RFE

REGION 11: SOUTH WEST & CHANNEL ISLES

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

Bristol RSGB Group

Robin, G3TKF, robin@g3tkf.co.uk

- 30 Rockets and X-Rays, John Thomas, G4DVV

Burnham on Sea ARC

Brian, G4RGY, 01278 683 645

- 4, 18 Club night

Callington ARS

John, G4PBN, 01822 835 834

- 4 Monthly meeting

Cornish Radio Amateur Club

Steve, G7VOH, 01209 844 939

- 4 Committee meeting
- 5 Main meeting
- 19 Club evening

Exeter ARS

Nick, MONRJ, 01363 775 756

- 3 GB3EX net, 7.45pm
- 10 GB3EWnet, 7.45pm

- 11 HF beacons workshop
- 17, 24, 31 Club net, 145.575MHz, 7.45pm
- 25 QRP Field Day and BBQ planning

Mid-Somerset ARC

David, G8BFV, 01749 670085

- 10 Talk on Photography by Jeff, MOPRF
- 14-5 Mills on the Air

North Bristol ARC

Mat, G7FBD, g7fbd@gb3bs.com

- 1, 8, 15, 22, 29 DMR open net (Slot 2, Talk Group 950) 6-7pm, GB7AA, GB7BS, GB7FI, GB7JB, GB7SD, GB7DR, GB7CW, GB7KT and GB7MJ, then open net on GB3BS 7-8pm
- 6 Outdoor event, Sea Walls, Clifton Down
- 13 Talk
- 20, 27 Relax and chat plus operating and training

Plymouth Radio Club

David, 2EODTC, d.beck123@btinternet.com

- 10 Test and demo of the new remote transmitter and logging software
- 15 Visit to Plymouth Lifeboat
- 28 Plymouth Lord Mayor's Day & Celebrations

Saltash & DARC

Mark, MOWMB, 01752 215 546

- 5 Club night
- 19 Bring and buy evening
- 5 Mills on the Air briefing
- 7-8 Mills on the Air
- 12 Quiz night
- 19 The fun and fascination of wine making, Mark, 2E0FKV
- 26 Open house and on the air night

Thornbury & South Gloucestershire ARC

tsgarc@gmail.com

- 4 RAYNET, Andrew, GORVM
- 6, 13, 20, 27 Club net
- 11, 25 On the air night
- 18 Build a 70cm antenna, Andrew, GORVM and John, MOHFF

Torbay ARS

Dave, G6FSP, g6fsp@tars.org.uk

- 6, 20 Club night
- 13 Club night & business meeting
- 27 Display of the Fire Service Incident Command Unit from DSFRS

Weston Super Mare RS

Paul, G3SDH, g3sdh@btinternet.com

- 2, 9, 23, 30 Construction, operating & natter night
- 16 Main meeting on the beach

Yeovil ARC

Rodney, MORGE, 01935 825791

- 5 The use of radio in World War 2 by G3MYM
- 12 Mini talks
- 19 Morse practice by G3MYM
- 26 On the air and problem solving

REGION 12: EAST & EAST ANGLIA

Regional Manager: RM12@rsgb.org.uk

Braintree & DARS

John, M5AJB, 01787 460 947

- 2 Natter night; Mills weekend update
- 16 AGM

Cambridge & DARC

Ian, MOHTA, publicity@cdarc.co.uk

- 1, 8, 15, 22, 29 Mets, 8.30am
- 144.180MHz USB, 10.30am 7.0875MHz
- LSB or 3.620MHz LSB, 11.30am
- 145.550MHz FM
- 4, 11, 18, 25 Net, 8.00pm 145.550MHz FM

- 13 Operating review, David, G6WKD and David, GOLRD
- 14-15 Mills on the Air, Cattell's Windmill, Willingham
- 27 Amateur Radio & CNC Milling Presentation – Jenny GOVQH

Chelmsford ARS

secretary@g0mwk.org.uk

- 3 International Marconi Day at Sandford Mill
- 16 Skills Night at Danbury Village Hall
- 28 Waters and Stanton Open Day

Colchester Radio Amateurs

Stefan M0XLB, 07771 616 676

- 19 Coax as a flexible RF component, John, G4SWX

Felixstowe & DARS

Paul, G4YQC, pjw@btinternet.com

- 2 ARISS update, Steve, M1ACB
- 15 GB2WTM for Mills on the Air
- 23 Quiz night, Keith, G7CIY

Leiston ARC

m0iah@gmail.com

- 12 Sporadic E, Jim Bacon, G3YLA
- 24 2m + 70cm contest

Norfolk ARC

Chris, GODWV, 01603 898 678

- 4 Weather One by Jim Bacon, G3YLA
- 11 Informal
- 18 Images of the Universe by Paul Money
- 25 Repeater Group meeting / informal

South Essex ARS

Terry, G1FBW, 07986 070 040

- 10 Using a cheap SDR, Paul, 2EODNQ
- 15 GB2RWM at Rayleigh Windmill, Mills on the Air, 10am to 4pm
- Thames ARG
- targradio@outlook.com
- 6 Club night
- 13, 27 Club net on GB3DA
- 14-15 Foundation course and exam
- 20 TARGetmembers only night, construction, Advanced tutoring
- 28-5 June Crowsheath Camping

Thurrock Acorns ARC

Gordon, 2E0ELI, acorns@taarc.co.uk

- 5, 12, 29, 26 Open net, 2m FM simplex, 7.30-8.30pm

REGION 13: EAST MIDLANDS

Regional Manager: Jim Stevenson, G0EJQ
RM13@rsgb.org.uk (after 23 April 2016)

Derby & DARS

Richard, radio@dadars.org.uk

- 3 Junk sale
- 10 Committee meeting

Leicestershire Repeater Group

www.leicestershirerepeatergroup.org.uk

- 12 AGM, Greyhound Inn, Botcheston,

Lincoln Short-Wave Club

Pam, G4STO, 01427 788 356

- 3, 10, 17, 24, 31 UK Club Contests
- 4 Shack activities + G5FZ OTA
- 5 Club net via GB3LMM, 8pm
- 7 Saturday Surgery + G5FZ OTA
- 11 Testing radios, Steve Bowden, G4XCK
- 12, 19, 26 Club net, 145.375MHz, 8pm
- 14, 28 Shack Activities + G6COL OTA
- 16 Committee meeting then GB5DAM SES
- 16 GB5EM, Ellis Mill, for Mills on the Air

- 18 Formal meeting
- 21 Hamfest staff social
- 25 Visit to RAF Scampton Air Museum

Loughborough & DARC

Chris, G1ETZ, 01509 504 319

- 3 Open forum on propagation
- 10 On air, 70cm, from Wymeswold
- 17 Open forum – Repairs
- 24 On air from the club, HF
- 31 Practical evening

Melton Mowbray ARS

Brian, MOYBX, 07772 659 622

- 20 Technical talk and demo on subjects selected by members

RAF Waddington ARC

Bob, G3VCA, 07971 166 250

- 2, 9, 16, 23, 30 Club net, 145.325MHz, 8pm

South KestevenARS

Andrew, MONRD, 07969 062 859

- 6, 20 Club meeting
- 13, 27 Club net, 145.525MHz, 8pm

Welland Valley ARS

Peter, G4EXX, 01858 432 105

- 2 Club net, 145.275MHz
- 16 AGM

This Club Events Calendar corrects the version that appears in the May edition of *RadCom*.

We apologise for any inconvenience the error may have caused.

EVENTS ROUNDUP

REGION 1: SCOTLAND SOUTH & WESTERN ISLES

Mid-Lanark ARS meets every Friday at 6.30pm in Newarthill Community Education Centre, High Street, Newarthill. The new web address is www.mlars.club and all are welcome from people looking to start out in amateur radio to all levels of licence holders.

REGION 3: NORTH WEST

North West ARC, based at the Brooklyn Hotel, Green Lane, Bolton BL3 2EF meets every Wednesday at 7pm in the upstairs function room. Equipment is available for members to use and the club is a registered exam centre. For more details see www.nwarc.org.uk

Furness ARS held a Question and Answers session where members asked questions to the floor, with the membership fielding the answers as a group to encourage discussion and lively exchanges. Questions ranged from antenna and rotator supports to suggestions for the best option for an HF antenna is a very small garden and with unfriendly neighbours. Other topics included grey line propagation, exam questions and VFOs. It was an entertaining and lively evening.

Chester & DRS is taking part in an interclub quiz against Wirral & DRS at Irby Cricket Club on 27 April at 8pm.



Castle Rushen High School is a secondary school located in Castletown, Isle of Man. For some years now the students have benefited from an active radio club. This year a further three students, all from Year 7 (11 or 12 years old), gained passes in their Foundation exams. They are now looking forward to getting on air and are particularly keen to try a few contests. To get them started they have been lent dual band handhelds by local amateurs. CRHS radio club can often be heard on air (call MTOGLK) during its meetings on Monday afternoons and Thursday lunch times. If you hear the station give them a call. From left to right are Kai, MD6IUH, Thomas, MD6TIS and Archie, MD6SNV.

REGION 4: NORTH EAST

Bishop Auckland RAC is a local club for radio amateurs and prospective radio amateurs alike with a mixed and varied membership. Meeting on Thursdays at the Stanley Crook Village Hall, everyone is welcome. The club has a fully operational shack and there is a separate area where members can be involved in radio construction, reading or just chatting. Training is provided by Tim, MOACV and Bob, GOOCB.

Denby Dale ARS held a construction evening building traps. Most members used kits purchased from Sotabeams to make 7MHz traps to use as the basis for a W3DZZ antenna. These were easily constructed and tested with the included instruction, and some are already in regular use. The second meeting of the month was a guess the object event. Various electronic components from modern SMD to more elderly spark gap emitters were displayed. A particularly interesting selection of valves was one of the highlights.



Oliver, M6EUB, a member of the RSGB Youth Committee, attended Stockton & DARG with DRM Ian, G7MFN and gave a talk on the role of the Youth Committee.

Members of **Houghton-le-Spring ARC** attended the South Shields Voluntary Life Brigade's 150 year anniversary using the callsign GBOVLB from the watch tower. Participants included

George, M5GHT, Ken, M6ELL, Ernie, M5ERN, Tom (Chairman of the museum), Tom, MOHYE and Scott, MOMCN. A good day was had with plenty of HF contacts.

REGION 5: WEST MIDLANDS

When RSGB General Manager Graham, GONBI visited Telford & DARS, he presented a number of awards. This included a special award to Mike, G3JKX. Over the years, Mike has tutored over 350 students to various levels of licence and his long-suffering wife, Barbara, has welcomed countless students into their home, with a cuppa and a kind remark or two. An active amateur, Mike has always encouraged, helped and advised fellow amateurs and listeners in all matters amateur radio. He was the Hon Sec of TDARS for nearly 20 years before retiring in 2014. He took part in two DXpeditions to the Falklands, the most recent appeared in *RadCom* in April 2015. Details of the club programme can be found on their website at www.tdars.org.uk/

Midland ARS is celebrating some recent exam successes. Terry and Stephen recently passed their Foundation exams thanks to chief examiner Ron, MOWSN and tutor Steve, MOSSV respectively.



REGION 7: SOUTH WALES

Risca & DARS is celebrating the 40th member to join the club since it started 5 years ago. Richard Hall was closely followed by the 41st new member, Chris Doody. Richard is shown here with club chairman Clive, GW6JPC, and other members.



REGION 8: NORTHERN IRELAND



In May, Bangor & DARS will have a talk on PSK31 data mode by Dr Harry Squance, G14JTF. Due to the upcoming election they have a change of venue to Hamilton House, Hamilton Road, Bangor for this meeting on 5 May. The club had 15 happy Foundation and 1 Intermediate licensee, along with instructors, at the recent course. Thanks to Myles, GIOVTS for the photo.

REGION 9: LONDON & THAMES VALLEY



Twenty four 1st Deddington Scouts, with two Leaders, undertook the Scouts Electronics badge run by the members of Banbury ARS. The course was run over two evenings, the first being basic theory, recognition of components and use of a multimeter and the second was construction of electronic kits. Thanks to Frank, MOBJN, Geoff, MOGUF, John, M1CNJ, Daniel, 2E0CZN, Scott, M6SKH, Paul, G1BZM, Ron, G8DCX and Tom, M0TTH.

At Verulam ARC's AGM, the club Chairman David, G4HHJ, announced that the club was granting John Welsh, GONVZ (right), honorary membership in recognition of the outstanding service he has given over very many years. John has made a major contribution by writing articles for the club's monthly newsletters explaining, in simple terms, the complexity of a wide range of subjects. Many of the articles have also appeared in *RadCom*. John also received the Chairman's Deserving Member award.



Edgware & DARS would like to congratulate the club's most recent Foundation success, Yu Law. He is awaiting his callsign but was able to conduct his first QSO at an On The Air meeting. Thanks to G4RNW for the photo.



REGION 10: SOUTH & SOUTH EAST

Every year **Hilderstone Radio Club** puts on a special amateur radio station as part of the SOS Radio Week at the Margate Lifeboat Station. London Array kindly sponsored the club and the photo shows their Public Relations Manager, Gail Lewin, presenting the £200 cheque to club member Ian Lowe, who is also the Deputy Launching Manager at Margate Lifeboat Station. The club continues to support Wellesley House school in preparation for their amateur radio contact with Tim Peake on the International Space Station. The pupils listened to Tim live using handheld radios as he replied to the questions from Norwich school. They can't wait for their turn!



REGION 11: SOUTH WEST & CHANNEL ISLES

Mike, M1DPB gave Thornbury & South Gloucestershire ARC a very interesting and fascinating insight into radio restoration and the steps he takes in re-commissioning equipment after many years on a shelf (or worse, in a bin!). At another meeting, Peter, G4OST gave a very enlightening and honest reflection of his experiences of forecasting and some very useful links to explore regarding forecast software. Links and slides from the talk can be found at www.tsgarc.uk and search lecture notes section.

REGION 12: EAST & EAST ANGLIA

The March meeting of the **South Essex ARS** had two guest speakers: Roland, MOBDB, Chairman and Country Controller for Essex RAYNET, and Steve, M1ACB, RSGB Region 12 Manager. Roland's talk highlighted the world of RAYNET organisations across the UK, as well as some of the achievements of the Essex RAYNET team. Steve gave an overview of the RSGB's activities, an update on recent developments and a summary of his experiences of being at the first Tim Peake ISS contact in St Albans. Steve was joined by the two DRMs for Essex, Keith, G3WRO and Vic, G6BHE. The photo shows the RSGB team: Keith, G3WRO, Steve, M1ACB and Vic, G3BHE.





In support of Romford's YMCA, members of Essex Ham were active using GB4TSE to raise awareness of the homeless. Sleep Easy 2016 saw supporters designing their own cardboard boxes to sleep in, followed by a night in the freezing cold. The event raised over £4,500. Several YMCA supporters sent greetings messages to explain what was behind the event and deputy Mayor of Havering Borough Council, Philippa Crowder, was able to get her first taste of amateur radio.



Norfolk ARC ran two displays for National Science Week. The first was at a science fair at CNS School in Norwich, where NARC meets every Wednesday. As well as a demonstration HF station using G4ARN, youngsters were able to try their hand at sending Morse code, decoding SSTV signals and seeing how radio waves can illuminate incandescent and fluorescent light bulbs without wires. Contact was also made with Norwich's twin City of Koblenz in Germany on 40m and with NARC's second science week display two miles away at Norwich Cathedral via 70cm. The Cathedral display included Morse and audio waveforms demonstrations, plus radio reception on a crystal set and a medium wave and Top Band receivers. The team were also able to listen into the 40m Koblenz contact, despite the cathedral's six-foot thick walls.



Peterborough & DARC held a Buildathon building a crystal set with a difference – it had a valve, diode and opamp: a 4 band Poldhu radio kit from Poldhuradiokits.co.uk

REGION 13: EAST MIDLANDS

Adam, M6OLT passed his Foundation exam, becoming the first successful candidate to sit an examination held by **South Kesteven ARS**. Foundation and Intermediate training courses and examinations at all levels are planned for the near future. SKARS held several construction workshop evenings for its members including those who wish to progress to their Intermediate licence. Several young members attended along with cadets from the Grantham 47F ATC. Alan, GOBXU put together a kit for a practice Morse oscillator. The

Thurrock Acorns ARC organised another successful Essex 2m Activity Day. These events are designed to encourage more on-air activity across the county. Club members operated FM, SSB, SSTV and CW stations making over 40 contacts during the 4-hour event.

Harlow & DARS enjoyed a talk from Essex RAYNET given by Roland, MOBDB and Paul, MOLOM. At the end of the talk the club made a donation to towards RAYNET's activities.

At the end of April, **Chelmsford ARS** celebrates its 80th anniversary. The inaugural meeting in 1936 was organised by Laurie, G6LB who ran a Gents Outfitters in the High Street. He placed an announcement in the District 14 (Eastern) Section of the RSGB *T&R Bulletin* and the first meeting was held at the home of Louis Varney, G5RV, with 11 amateurs attending from the immediate area along with a further 15 from the Southend-on-Sea Group. Since those early days the club has gone from strength to strength and these days has a membership well over 100.

Braintree & DARS started the month off with the annual Rig Clinic. Once again, Dave, GODEC brought along his test gear so that members could have their radios checked. Tests and adjustments were made to alignment, deviation and power. RSGB DRM, Keith, G3WRO came to the meeting and introduced himself.

Following the election of the officers at **Thurrock Acorns ARC's** AGM, the focus of the evening moved to a short presentation given by the DRM, Keith Haynes. Keith discussed the changes that have occurred in amateur radio including the arrival of space exploration and the impact that has had on the amateur radio community. He also explained how his role at the RSGB is designed to support the radio clubs in Essex.

Chelmsford ARS was at Sandford Mill supporting their British Science Weekend event. Despite the weather, stations were set up outside as well as in the 2MT Writtle Marconi Hut. Andrew, GOIBN, Oliver, MOWAG and Carl, G3PEM set up the HF station. An issue with high SWR was tracked down to a broken feeder line outside and quickly rectified. Andy, G7TKK demonstrated a PC and RTL-SDR dongle for tracking aircraft by receiving their ADS-B signals. 2m FM performed well with contacts out to Norfolk being the furthest.

Norfolk Coast ARS has continued with its popular format of Teach-in – Eduardo, MOKEK and Peter, G4NTN introduced the members to the Weak Signal Propagation system WSPR and gave a very effective demonstration. Members have continued with various other projects including the restoration of the club's HRO receiver and the construction of baluns & chokes and the construction and testing of earth current meters.

Congratulations to Roy, M6GKZ, Rob, M6DQI, Danglis, M6URA, Martynas, M6KVS, Tim, M6KYS and Nick, M6ZBP, all of whom (indicatively) passed the Intermediate exam with **Loughton & Epping Forest ARS**. The course was led by John, G8DZH assisted by Derek, M0XDC and Ron, G6LTT. Dave, G3ZXF kept the tea and coffee flowing and provided exam invigilation. The club was recently entertained by an interesting lecture entitled Introduction to the Raspberry Pi by Peter, G0DZB, who has had to change this lecture countless times to keep up with the release of new Pi models! Peter donated a number of Pi related items to the club raffle, including a Pi Zero.

simple kit was constructed on stripboard and was designed to be fitted inside an inexpensive extension speaker and powered by a 9V battery with a push button and socket for an external Morse key. When the kits are complete SKARS will hopefully begin a Morse training course.

A talk was given by Steve Turner on the use of radio telemetry within falconry to the members of **RAF Waddington ARC**. The club would like to thank him for his time and the effort put into the presentation.