



Radio Society of Great Britain



City of Bristol RSGB Group - G6YB

At the Bristol Lawn Tennis & Squash Club, Redland Green, Redland, Bristol BS6 7HF

Monday March 30th 1930hrs

“An RSGB Evening”

Steve Hartley G0FUW & Heather Parsons



Recently appointed Communications Manager, Heather Parsons (Bristol based) and Steve Hartley G0FUW (Bath based) now appointed to the RSGB Board of Directors, will endeavour to answer any questions you may have on the internal workings of the RSGB - and what it actually does for the membership. Heather would like to tell us of the RSGB's experience into “social media” and wider communication issues. Questions she may pose could include how YOU get information about the society, how often would you like an official update from your Regional Manager (or deputy) and what for YOU would be the best channels to use for that information flow?

Bring all your questions and answers along!

Help required urgently for a special event station at Wells Cathedral School this week - 19/20th March

The [MidSARC \(Shepton Mallet based\)](#) Committee intends to operate a special event station GB4WCS at Wells Cathedral School on **19/20th March** for the end of British Science Week. They will need both helpers to set the station up and operators. Any help from clubs outside of Shepton Mallet would of course share the publicity and raise their own profile. They desperately need your support to make this special event happen at a professional level, to make a lasting impression on pupils and their parents, teachers and promote amateur radio as a healthy, futuristic hobby. David tells me he has just invested in a Raspberry Pi which he will be taking along; anything else that you can think of in connection with Amateur Radio or TV in general which could be displayed or demonstrated would be helpful.

Contact their secretary [David Edwards G8BFV](#) asap and he will fill you in on details 01749 670085.

Solar Flare and CME

Space Weather reports March 15 began with a bang.

Between 00:45 UT and 02:00 UT, a magnetic filament erupted in concert with a slow C9-class solar flare from sunspot AR2297

The combo blast hurled a CME into space. Modelling by NOAA analysts suggests that the cloud will deliver a glancing blow to Earth's magnetic field during the **late hours of March 17**.

NOAA forecasters estimate a 50% chance of geomagnetic storms when the CME arrives.

EI90IARU

The Irish Radio Transmitters Society (IRTS) has been issued with the call sign **EI90IARU** to commemorate the 90th anniversary of the founding of the International Amateur Radio Union (IARU) in Paris in 1925.

The call sign is available for use by any EI station in the 26 counties holding a current amateur station licence. Look out for this unusual callsign on the bands !

This week in :

1684 Giovanni Domenico Cassini discovered two moons of Saturn: Tethys and Dione.

1886 America's first demonstration of the alternating-current system provided lighting along Main Street at Great Barrington.

1900 Nikola Tesla received a patent for the wireless transmission of electric power.

Take part in an experiment during the morning eclipse of March 20th

Listen to stations on a Medium Wave rx during the eclipse ...DO conditions revert to night time ? We don't really know !

Report the results to the RSGB ... details on the link

<https://thersgb.org/publications/eclipse-experiment/150121-eclipse-2015.pdf>

Suggested stations that we may hear in this area during the eclipse ...but not under "normal" daylight conditions.

BBC Radio Scotland 810 kHz (transmitters: Burghead/Westerglen).

Nostalgia (Netherlands) 747 kHz (transmitter: Zeewolde).

CW Skimmers

A number of CW Skimmers will be in operation in the UK on 160/80/40m to capture S/N ratio figures during the event; feel free to join in if you have an SDR and the Skimmer software.

How you can help with WSPR

We are looking for amateurs to run WSPR on 160m and 80m. This will then automatically give us data, if you both TX and RX.

Thor, **TF4M**, is running a 160m WSPR station from Iceland on 1.8366MHz.

Karstin OY1DZ will also run WSPR at his club station in the Faroe Islands on 160m and maybe also 80m.

Albert **PA0A** will also be active on 160m WSPR during the solar eclipse, from 08:00 - 11:30 UTC, using a vertical antenna (23m), output power TBD (max. 400W). Locator JO33DE nr. Groningen.

G4JNT on 160m is also hoping to run a WSPR beacon

LF monitoring/Opera

A number of amateurs plan to use Opera on 477kHz and 1.8MHz. Information can be found in the usual LF user groups. Finbar, EI1C should be transmitting on 477kHz.

Andy **F6CNI** has confirmed Opera RX on 477/1.8/3.5

Haldor, **TF3HZ**, in Iceland is providing Opera receive only. Stations south of the path of totality are providing TX only on 477 kHz.

Derek **G3RAU** (who used to live in Bristol) will be operating a beacon on 1810.05Khz between 0815 and 1115UTC from his QTH in Gainsborough just north of Lincoln

If you think you can help get in touch with Steve Nichols G0KYA at

psc.chairman@rsgb.org.uk

Following the recent notification sent to licensees of the proposal to vary the Amateur Radio Licence, Ofcom has now published a [Notice of Variation to the Amateur Radio licence](#). The new licence document, which will have effect from 7 April 2015 has also been [published on the Ofcom website](#).



The RSGB is informed that Ofcom shall send new licences to all licensees in the week of **23 March**. Where Ofcom have an email address (about 60,000 licensees) the licence will go by e-mail. Keep an eye on your email!

Coming soon to the Bristol Group

April : Dave G3ZXX : “Digital Mobile Radio”

May: Prof Cathryn Mitchell “HF propagation project”

Bath and District ARC <http://badarc.webs.com/>

Chepstow and District ARC <http://www.gw4lwz.org.uk/>

Chippenham & DARC <http://www.g3vre.org.uk/archive.asp>

MidSARC www.midsarc.org.uk/

North Bristol ARC <http://www.nbarc.org.uk/>

Shirehampton <http://www.shirehampton-arc.org.uk>

South Bristol ARC <http://www.sbarc.co.uk/calendar/>

Thornbury and South Gloucs ARC <http://tsgarc.uk/>

Trowbridge and District ARC <http://www.radioclubs.net/trowbridgedarc/events.php>

Weston Super Mare RS www.radioclubs.net/wsmrs/

I need articles for “How I started in Radio” - even if nobody else does, I will find it interesting!

[Robin G3TKF](#)

RSGB Bristol Group Sec.

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<http://www.g6vb.org>