



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 Feb 23rd Colin G3YHV

“The History of Valves”

Colin has examples of valves dating back to 1919. He will show how they were invented and by whom. He's also bringing along examples of how he has used these museum pieces, integrating them with modern technology and putting them to practical use on the amateur bands.

There is also a fascinating video of how Mullard made an EF80.

Don't miss tonight's talk!



Colin with one of his recent home brew “vintage projects”

A to D at 400Gigabits *Per Second*

Researchers at IBM have achieved what they claim is a new speed record for big data, claiming data transfer speeds of 200Gbps to 400Gbps over optical fibre using a new analogue-to-digital converter (ADC) chip.



They plan to put the chip to work in the Square Kilometre Array in Australia and South Africa. This fantastic radio telescope system will peer across hundreds of millions of light years into space in high detail. When online in 2024, scientists expect to gather more than one *Exabyte* of data everyday - that apparently is one *Quintillion* (10^{18}) bytes

As this chip and its cousins migrate to SDR technology the implications for us amateurs is staggering. With ADCs like these, the saying of your transceiver working from “DC to Light” will no longer be witty hyperbole!

HELP ! Comments wanted on the following please:

Do YOU listen to [GB2CW ?](#)

I'm interested to discover if anyone in this area does ?

Has anyone taken the [RSGB Certificate of Competency?](#)

Would you like a certificate to prove your sending has reached the old licence standard of 12wpm (or maybe even faster) or, if you are starting out, how about 5wpm?

Please contact [Robin G3TKF](#) (Click blue text to take you to the sites)



[Northern Lights](#)

If you have not seen the Northern Lights for real - this video link is about as good as it gets without getting cold and travelling! (you can jump the ad at the beginning after a few seconds)

Shot in 4K Ultra High definition .

Even the music is inspiring

If possible watch in full screen HD!



Longleat Mobile Rally

1958 - 2002



I recently came across some old photographs of the Longleat Rally.

Dave G4NKT offered some memories

I came onto the RSGB Bristol Group committee about 1992; I volunteered to be Secretary and as no one else was silly enough to do it, I got elected. These were the days when Tony Capel G4ROX was chairman, and Mr. Longleat was Shaun G8VPG. What I hadn't realised was how time-consuming organising the rally was; in those days we had a committee meeting once a month. I remember being told off by Tony for not having at least 5 guest speakers lined up, a problem then as it probably still is today. Anyway, as the date of the rally drew nearer, committee meetings would be exclusively Longleat orientated; fortunately we had our secret weapon, Shaun, who had complete control of everything - well that's the way it seemed - if Shaun was stressed at all he hid it well.



Remember, in those days Longleat was a big affair and involved large financial expenditures and, if we got it right, large incomes. Anyway, the week of Longleat arrived and so did the marquees, tables, chairs & toilets; those of us who could took the Friday off, and everyone was there for the Saturday set-up, especially of the Bring & Buy area. Countless discussions went on about streamlining the set-up for Bring & Buy; we were all acutely aware that we were handling many £000s of equipment... get it wrong and we would be paying out money instead of earning it. To those of us on committee the Bring & Buy was always a great concern and worry. *Cont'd over*

The mast erection competition



Anyway, Longleat Sunday arrived...was it dry or wet? Remember, in those days we coincided with the Glastonbury pop festival; TV news bulletins of thousands & thousands of people stuck in thick mud was the last thing we wanted.

Praise be, it's dry ... why is that trader insisting on using a portable petrol generator in the marquee? It's explained to him it's not such a good idea; a row ensues; we're accused of being jobsworths. Oh dear, it's wet; a large lorry is stuck trying to exit the main arena; Ron Ford

Some of the committee wearing ties (Robin on the left!)



G4GTD has got a 4-wheel drive Landrover to winch it out; he is directing operations; at one stage Ron is straddling the taut steel winch wire; I can't help thinking that if it snaps under the strain Ron will be singing with the sopranos next year... all is well; the lorry is dragged free and Ron still has his manly voice.

We all have our memories of Longleat: who organised the mast erection contest and who won: who arranged the marching bands - let us have your memories. Put fingers to keyboard and share them with the rest of us; if you also have photos send them to the editor.

Thanks Dave - drop me an email or pictures and I will include them in a future newsletter



Episode 7 now available

Take a look - a very professional product

<http://www.txfilms.co.uk/txfactor/>

Take part in a scientific experiment during the eclipse March 20th

Listen to stations on a Medium Wave rx during the eclipse

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

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



Coming soon to the Bristol Group

March : Steve Hartley and Heather Parsons : “The RSGB”

April : Dave G3ZXX : “Digital Mobile Radio”

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](#)

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