



Radio Society of Great Britain



## City of Bristol RSGB Group - G6YB

[At the Bristol Lawn Tennis & Squash Club, Redland Green, Redland, Bristol BS6 7HF](#)

**Summer Get - Together : July 27th 1930hrs**

After last year's success this will again take place at :

**The Windmill Inn Portishead BS20 6JZ**



The pub is on high ground overlooking the Severn Estuary with spectacular views across the water. The usual arrangement will operate for paid-up members i.e. you buy your own food and the Group will buy you a drink. They have a slick catering operation so we do not have to pre-order our food. Just turn up between 7.00 - 7.30. The food is good, and the prices are reasonable. The link below may be of interest. In addition to the fixed menu on the website there are always numerous daily 'specials'.

**No booking required - just turn up at 1915hrs but please drop [Keith G4EJH](mailto:Keith.G4EJH) an email to let him know you are coming!**

More information about the venue <http://thewindmillinn.org/>



## Railways On the Air 26/27th September

**SBARC** are looking for additional help to operate a station using the call GB0SDR (Somerset and Dorset Railway) from Midsomer Norton . They hope to put on a station with HF SSB/HF Data/VHF and APRS . Any help appreciated .

Please contact **Andy Jenner G7KNA** BEng CEng MICE [secretary@sbarc.co.uk](mailto:secretary@sbarc.co.uk)

<http://www.sbarc.co.uk>

## What and Where ??



**Where** is this located and what is it ?

All comments and suggestions published next month.

The winner (name drawn out of a hat if more than one) has a free entry to the raffle at the next meeting in August.

*Email the secretary !*

# NEWSFLASH !

From Sunday 19<sup>th</sup> July at 9.30am it is hoped to put out the local [GB2RS News](#) from **GB3ZB** instead of SU21, 433.525MHZ.

Any delay will be due to administrative and licencing issues.

The coverage will be much improved and it should still be possible to have a natter after the bulletin .

The broadcast will be read by John G4TRN and we welcome John 2E0CRI to the news reading team.

GB3ZB is on Dundry. The output frequency is 430.825MHz.

The shift for the input is +7.6MHz and the CTCSS tone is 'C' 77.0 Hz.

Now is the time to get out the manual and program your latest YingTong toy!

The news will continue as usual on 145.525Mhz at 1030 by Cyril and myself

With thanks to Matt G4RKY for his technical support on this project

*John G4TRN*



## Free to a good home

2 x 15" very robust stand off brackets and several 2" dia steel scaffold poles of various lengths.

A quick "wire brushing" will have them looking like new !

To be collected from the Bitton area.

Email [robin@g3tkf.co.uk](mailto:robin@g3tkf.co.uk)

## **RadCom Plus is only available online**

### **Have you looked at it yet ?**

*RadCom Plus* is intended to extend the range of technical information available to Members as part of their existing subscription and to complement and expand on the existing range of publications.

**You will need** your RSGB Membership Services login, click the cover image to your right and enter your details.

Some of the topics in the first issue .....

### **The DG8**

Ian White, GM3SEK builds a low-cost, high performance masthead preamp for 2m that uses a novel method of Tx/Rx switching

### **12 Building a Dual Z-Match**

Covering 1.8MHz to 146MHz, Bob Burns, G30OU designed this wide frequency range dual Z-Match for use with his stub loaded multiband dipole

### **22 Examining Sporadic-E**

Dr Chris Barnes, GW4BZD researches new methods for predicting the start of the UK Sporadic-E season

### **32 High performance common-modes chokes**

A detailed explanation of a much misunderstood component from Steve Hunt, G3TXQ

### **40 Screening**

Peter Chadwick, G3RZP looks at screening to stop stages interacting and oscillating, or to stop unwanted radiation

### **44 A versatile PLL PC board design**

A project from Brian Flynn, GM8BJF that can be used to provide accurate, stable frequency source



## **RSGB IOTA Contest**

**12:00 UTC Saturday 25th July to 12:00 UTC Sunday 26th July 2015.** The contest always takes place over the last FULL weekend of July.

Rules here : <http://www.rsgbcc.org/hf/rules/2015/riota.shtml>

## **Coming soon to the Bristol Group**

August 31st : Prof Cathryn Mitchel “HF Propagation”

Sept 28th : Prof Andrew Nix “5G and beyond”

Oct 26th : “Chat night”

Nov 30th: Stuart GW7HPW “Building a \$50 satellite”

Dec: No meeting

## **Support your local clubs**

**Check these links - there are lots of interesting things happening !**

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

**Chippenham & DARC** <http://www.g3vre.org.uk/index.php/2014/10/dmr-repeater-talk/>

**MidSARC** [www.midsarc.org.uk/](http://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/](http://www.radioclubs.net/wsmrs/)

**If you have anything for sale or wanted, drop me a line for inclusion in the next newsletter**

**Have you built anything recently or have a current “project” on the go that might be of interest ?**

**[Robin G3TKF](mailto:Robin.G3TKF)**

RSGB Bristol Group Sec.

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<http://www.g6yb.org>