

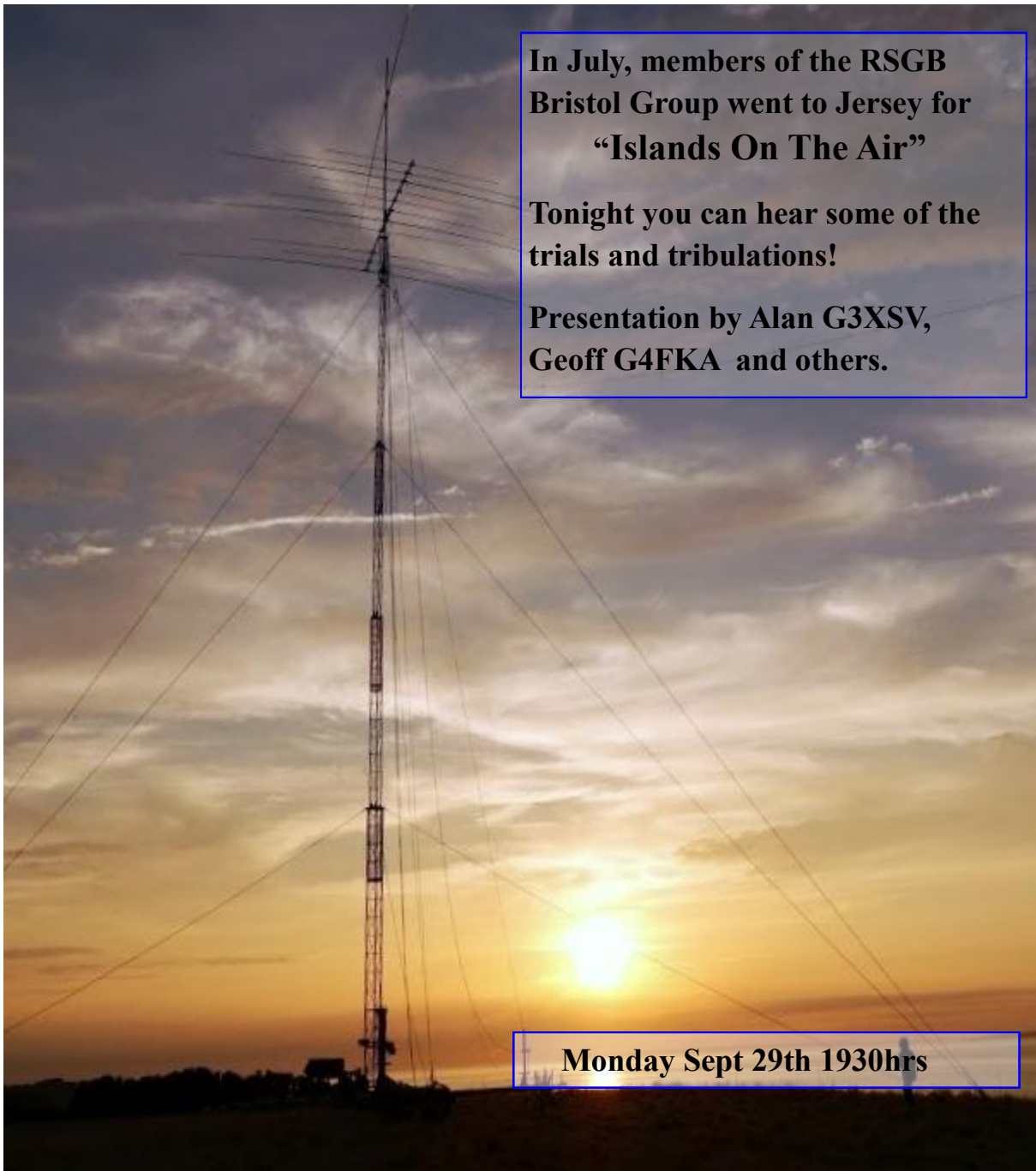


Radio Society of Great Britain



## City of Bristol RSGB Group - G6YB

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



**In July, members of the RSGB  
Bristol Group went to Jersey for  
“Islands On The Air”**

**Tonight you can hear some of the  
trials and tribulations!**

**Presentation by Alan G3XSV,  
Geoff G4FKA and others.**

**Monday Sept 29th 1930hrs**

# RSGB 2014 Convention



Go to [www.rsgbevents.org](http://www.rsgbevents.org) to book your place.



**10 - 12th October 2014**

Kents Hill Conference Centre

Timbold Drive

Kents Hill Park

Milton Keynes

MK7 6BZ

Lots of interesting talks : ATUs by Peter Chadwick, SDRs with Simon Brown, even EME developments with G3WDG; check the link for more details. Hope to see you there !

Provisional timetable is [HERE](#)

If anyone wants to combine transport, still plenty of time left to do so - use the [Bristol RSGB Yahoo group](#) to communicate. Interesting talks on Saturday and Sunday.... and then there's the raffle. Your secretary has been known to come away with the odd little prize (!)

## **Caption Competition Back by popular request!**

Can you think of a suitable amusing caption for this picture?



The “winner” gets £2  
worth of raffle tickets at  
the next meeting.

Send in your caption!

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

Do YOU have any news / views / reviews or anything else you would like to put in this newsletter ?

Send any “For sale” or “Wanted” ads etc to the address below.

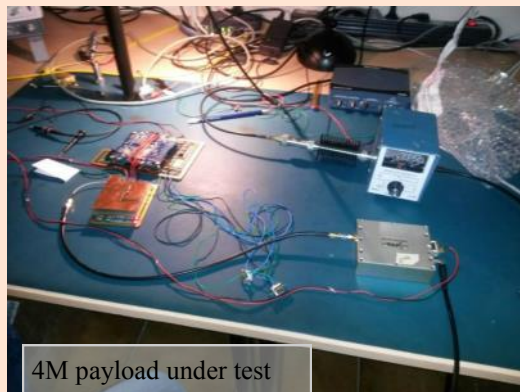
Over a hundred “Newsletters” go out monthly so someone may well want to buy your items !

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

## **4M-LXS Lunar ham radio payload**

(144Mhz DX NOT 70Mhz!)

Beijing plans to launch a Lunar spacecraft on a journey lasting 196 hours that should take it around the Moon before returning and re-entering the Earth's atmosphere. It will carry a 14 kg payload known as **4M-LXS** which was developed at LuxSpace. The launch is expected to take place on October 23, 2014 at 1800 UT.



4M stands for Manfred Memorial Moon Mission in memory of Professor Manfred Fuchs, founder and chairman of OHB group, Bremen who passed away on April 27, 2014.

The 4M-LXS amateur radio payload will transmit on 145.980 MHz +/- 2.9 kHz (-40°C to +125°C), Doppler max: -2200 Hz, +1000 Hz.

The continuous transmissions will start 4670s (77.8 minutes) after launch (-0, +600s). Five successive 1 minute sequences are sent during the five minute cycle. The digital mode JT65B will be used; this can be decoded by radio amateurs using the free WJST software; there will also be 'human readable' tone transmissions.

See the transmit sequence description on more details at this link

[4M Mission: a Lunar FlyBy experiment.](#)

## **Duo set sail for Tristan da Cunha**

**Nigel G3TXF** and **Paul ZS1S** set sail recently

They are on their way to erect a DX station on the island.

Paul as ZD9ZS on SSB and Nigel as ZD9XF on CW will be operating from 10 September to 3rd October. This was the beginning of a DXpedition which, as Paul said, took more than two years to finalise.

For details and photographs [www.g3txf.com](http://www.g3txf.com) can be visited

## First 6m Transatlantic Opera decode achieved

At 14.27 on 21 July, WD4KPD decoded the first 6m band transatlantic Opera beacon transmission from Graham, G0NBD, at a range of 3,664 miles.

The transmitting station used Opera mode OP1 with the 60 second transmit time pre-set for the 6m band. The aerial was a home-made 2-element Quad located in the roof space of the house.

## December is YOTA Month

December is IARU Region 1 YOTA month and the RSGB has arranged for Clubs/Groups to use the special callsign G14YOTA (and its Regional variations) on a rota basis.

The application process for the use of the special Callsign has now been finalised and the application form is available here. [G14YOTA APPLICATION FORM](#)

There are only 31 allocations so applicants are asked to give three choices of date in an attempt to resolve diary conflicts.

There are some conditions attached to using the G14YOTA callsign and these are included on the application form and on the [website](#). The main one is the requirement to use the callsign to put Youngsters On The Air; anyone under the age of 26 is considered to be a youngster. Events might be limited to Club/Group members or you might like to open the doors to Scouting/Guiding/Cadet groups, or you might like to spend a day at your local school/college/university.

Applicants are encouraged to think about making the most of the activation by including other activities, such as Morse demonstrations, ARDF hunts, WSPR beacon displays, listening to remote SDRs, use of Arduino/Raspberry Pi etc. RSGB will provide some promotional material, stickers, badges, etc.

You need to work quickly in sorting out your plans as applications must be submitted by Monday the 22nd of September. A panel made up from the YOTA teams will then allocate the callsign in order to get the final list to Ofcom giving them two months' notice of the first activation. Where there are conflicts in application dates the panel will use the information on the application and the geographical spread of applications to make their allocations; assuming Clubs/Groups apply, every Region will have some activations.

For further details see [RSGB Notices](#).

## **Phil G3SWH and Georg DK7LX**

Will be QRV from Grand Turk Island in the Turks and Caicos Islands as VP5/G3SWH between **1st and 9th October 2014**. They will have two stations with wire antennas and operate CW only on all bands 80 -10m but no 60m operation.

Phil will be giving us a talk on his trip soon - so DO try to contact them !

Full details of the activity on this link :

<http://www.g3swh.org.uk/vp5-g3swh.html>

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

Oct 27th : Prof Andy Nix: The Future of Wireless Technology 2020 and beyond

Nov 24th : Phil G3SWH: Turks and Caicos Islands as VP5/G3SWH

December : No Meeting

January : Annual General Meeting

## **At the local clubs :**

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/](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://www.tsgarc.ham-radio-op.net>

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 want to buy or sell something, let me know - Or tell us on the [Bristol RSGB Yahoo Group](#) !

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.

01225 420442

<http://www.g6vb.org>