



Airtime



The Monthly Magazine of the

Southdown Amateur Radio Society

Crystals & Magnetism Free Energy Demonstration

by

Jim G4 DRV and Tony G0EYE

Founded 1967

G3WQK

G1KAR

Affiliated to :-
The Radio Society of Great Britain

Twinned with the
Radio Club de Normandie

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Club Frequencies

20m-14.315 MHz (+/-) - 1230 UTC Monday/Wednesday/Friday (with EA5/M0AOM)
2m-145.300MHz 0830 UTC Wednesday
2m - 145.300 MHz 2030 UTC Thursday (if busy 145.275 MHz)

CW Schedules *12 wpm (or slower or faster)*

Monday and Thursday 1000 hrs clock time GB 7.028 (40m) - G3AGF, G3DQY, G4BJP

Shacks

BHRS Please enquire for use to Steve M3EVM
Redoubt Please enquire for use to Steve M3EVM
Hailsham Open first Wednesday of the month from 1030 - Weds 3rd July

Editors Report

Hi Everyone,

Take a look at the fantastic offer on RSGB membership on page 9 which offers a whole year's membership for £1. Join online before 14th July - I have!



Don't forget that the meeting in July falls on the very first day of the month - so don't miss it. This is followed by the club Bar b que on 15th which will be held at the QTH of Peter and Iris - many thanks to them! Any questions - contact details are on page 2.

I have spotted a little bit of sunshine this week, so I guess that summer has arrived - which is the best time for contesting. If you would like to take part, in any capacity whatsoever, contact Alastair G4RUL

All the best until next month

Hilary M1HLG

The U.K. Amateur Radio HF Frequency Allocation

Current [2012] RSGB Band Plans

160m (1.81- 2.0) shared (SSB mainly LSB) (1920s)
80m (3.5 - 3.8) shared (SSB mainly LSB) (1920s)
60m (5.1 - 5.405) various arrangements worldwide since 2002
40m (7.0 - 7.1) primary (SSB mainly LSB) (1920s)
& (7.1 - 7.2) primary (SSB mainly LSB) (WRC-03. Shared from 31.oct.2004
primary 29.mar.2009)
30m (10.1 - 10.15) shared (SSB not recommended) (WARC 1979)
20m (14.0 - 14.35) primary (1920s)
16.5m (18.068-18.168) primary (WARC 1979)
15m (21.0 - 21.45) primary (1940s)
12m (24.89- 24.99) primary (WARC 1979)
10m (28.0 - 29.7) primary (1920s)

**Deadline for articles to be included in the
August Airtime is
20th July 2013**

Practical Wireless QRP Contest Report - 9th June 2013

The contest set up was a bit breezy but the station went on air on time at 10 AM. Activity was brisk for the first hour or so but dwindled as the day went on, particularly after the RSGB Backpackers event finished at 2.

A total of 66 contacts were made in 23 different locator squares giving a final score of 1518 points. This will not be in the top league. We did work some good DX on just 3 watts – several 600+ Km contacts but this contest is based on number of QSOs times the Locator Squares worked. With very little activity from the near continent the limitations of the site for low power working into the UK were evident. Leading stations made over 150 QSOs.

We tried out 2 rigs, one was a state of the art HF + transverter, the other a 35 year old basic low power set. Guess which one coped better with strong local signals...

Thanks to Gareth M6CQX for getting us access to the internet via his smart phone, it is a double edged sword though as it was very depressing to see that there were big sporadic E openings elsewhere in Europe.

Alastair G4RUL

Recognise anyone??

Pet hams are so intelligent they often seem human, but they can be difficult to raise. Only someone with great patience should attempt it. In case you do, here is a guide to the basics.

Living Area — A pet ham needs a private nest area, an entire room where it will not be disturbed. Your pet ham will spend many happy hours alone there with its treasures. — boxes, wires, bits of metal, glass, paper, etc. that it will bring home whenever it ventures out. You will want to encourage your pet ham to confine its activity to this room to prevent the entire house from being subjected to noise, clutter and the boring of holes in the walls.

Obedience Training – A pet ham can be trained to perform simple tricks, the easiest and most common being “sit” and “speak” Do not be alarmed if it practices them for hours at a time in the nest room.

Health Problems – The pet ham typically suffers lower back pain and minor throat irritations from too much sitting and speaking, but health maintenance costs tend to be minimal.

Travel — Your ham pet will gladly travel with your family by car or even by air, if allowed to bring along certain familiar items from the nest room. Most pet hams enjoy trips to places where they can meet pet hams from other families.

Breeding — If you plan to breed your pet ham, you should do so as soon as possible after you get it. As a pet ham matures, it becomes increasingly reluctant to engage in activities not associated with its nest room collection

M Callsigns

MB9BS

To Radio G3DQY QTH - Klagenfurt
Austria.


Confirming our
Phone/CW QSO.
On 26.5.54 at 0830 hrs GMT.
On 14.1.50 M.c.s.

UR Sigs. 4 S 6 T

Pse QSL via RSGB 73 es Good Luck

sry John but QSB on you made it almost impossible here.

Tx 100W on final
Rx BC 342
Ant 1/2 h Dipole
OPR. Young



I was interested to read Jim's answer to the quiz question regarding M Callsigns last month. Going back in time, I have been able to recall a few of these special calls.

In particular I have noted that in 1951 I worked MD2AM Tripoli in Libya on 28 megs, John Wylie op QSL via APO231. Also MD5DO Egypt Canal Zone Cpl Connor (Paddy) in Jan 1954 on 14 mcs. Another I have noticed is MB9BS in Klagenfurt Austria 14mcs in 1954

Those were the days !!

73 John G3DQY

**ROYAL CORPS OF SIGNALS
SUEZ CANAL ZONE
EGYPT**

MD5DO

To RADIO G3DQY

Confirming our ~~Q~~W/phone QSO
on 25 Jan 54 at 1240 GMT
Band 14 mcs. RST 5&7

Tnx QSL vy 73 Cpl. P. O'CONNOR, (Paddy)

SARS Training 2013

I am intending to start new courses in October 2013 as required, starting with an Advanced Course, as I have already received requests, aiming for the exam date in early March 2014.

As a “by the way” the Oscillator circuit in the RSGB Intermediate Course handbook has been superseded by a version on the RSGB website as the circuit in the book does not work consistently.

Peter Martin G6GVM
21 Baldwin Avenue, Eastbourne, BN21 1UJ

Events

21/22nd Sept Railways on the Air TBA

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Contests

6th/7th July VHF National Field Day

21st July 4m Trophy

There will be regular participation in contests from our shacks at Beachy Head and the Redoubt Fortress.

If you would like to take part as - Operator, Logger, setting up and/or pulling down, keeping the public occupied, brewing the tea or general gopher, please contact :

Alastair G4RUL

Trophy Amnesty

Do you hold one of the club trophies?

The Club would like to re-instate the presentation of trophies at the Annual General Meeting. Over the years these have gone astray and you may have one sitting in your shack lonely and forgotten—or indeed, sitting in pride of place. The committee have declared an amnesty on trophies and request that these now be returned to any officer of the club as soon as possible.

RSGB Contests for April 2013

These contests are operated by the RGSB Contest Committee. Our Club has past history of being regulars in many contests throughout the year.

Why not get together with other interested members with a view of entering a club station into some of these contests. For the full details/rules of these contests please have a look at <http://www.rsgbcc.org> .

There are of course many other International contests throughout the month, information of these can be found on the web on sites like, <http://www.sk3bg.se/contest>



Date	Time	Contest Name	Sections	Notes/Special Rules
1st July	1900 - 2030	80m	CC CW	
10th July	1900 - 2030	80m	CC SSB	
18th July	1900 - 2030	80m	CC DATA	
21st July	0900 - 1600	Low Power		
27/28th July	1200 - 1200	IOTA		

VHF

Every 1st Tuesday 2000-2230 (Local) 144MHz UK Activity Contest
Every 2nd Tuesday 2000-2230 (Local) 432MHz UK Activity Contest
Every 3rd Tuesday 2000-2230 (Local) 1.3GHz UK Activity Contest
Every 4th Tuesday 2000-2230 (Local) 50MHz UK Activity Contest

Annual Barbeque

Monday 15th July 2013

7pm

**at 21 Baldwin Avenue, Eastbourne
(QTH Peter & Iris)**

Cretan Comments

Hello again from a pleasantly mild Crete. As I type this we have just returned from Blighty and are getting used to warm weather again (Sri but as I type this on the 17th, it is 31c outside and very pleasant thank you!). I have not returned to the bands yet as I am currently awaiting delivery of some long poles and accessories from a company called DX-wire (www.dx-wire.de). They do a range of 'fishing poles' of up to 16.5m, including guy wire attachments and simple fixings to stop one section sliding down inside the other. They also do wires and cables. They even do a 10m pole that is much thicker than normal poles so can be used to support the ends of dipoles etc. Worth a look as they have a wider range than SOTA and are cheaper than both MFJ (Have you seen the crazy prices in the W&S adds?) and Spiderbeam poles.

I am taking advantage of the lull in activity to sort out the shack as I have boxes of stuff that has not seen the light of day since we moved out here four years ago and were stored away for at least 5 years before that.

While on our quick sojourn to the UK I spent a while talking aeriels, poles, wires et al with Dick, '4KAR. Of course, what he really needs is a 70' tower, a 3 element beam and several acres of land, but, like me, he has to do with wires in a restricted space.

I don't know about you, but when I read a review of a rig in RadComic, I would expect it to be unbiased and honest. I would not expect the RSGB to show the review to the supplier prior to publication so that he can put an advert next to the review and, even worse, quote from it. Recent examples of this were for the Elecraft rigs with corresponding adverts from W&S and the Kenwood 990 review last month with even Kenwood (and Lynchie) quoting the review..

This does not happen in other national magazines, QST for example, and I was reminded of this 'shady' practice the other day when I was given a copy of September 1993 RadComic. In it was review of the, then new, Icom 737 and opposite was an advert from Lynchie quoting the review virtually word for word, so the practice has been going on for some time. [20 years! – **Ed**

Why do not the RSGB buy the rig, review it, publish the results and let the readers decide if it worth all the hype? The ARRL do.

Discuss.

Oh, an explanation of the word 'unbiased' above: Should you read any of Peter Hart's reviews of Icom rigs, you will note that any 'feature' on another make of rig, Yaesu for example, is good but the same 'feature' on any Icom rig is only 'adequate'. This could be for the RIT range (+/- 9 Kc/s), Notch filter or Pass-band tuning etc, which are basically the same on all rigs. Have a look next time . .

As briefly mentioned last month, I am now due to attack the UK at the end of September to visit the 'National Hamfest'. Although this again does not tie up with a Club meeting, please look for me at the Rally. I should be wearing a waistcoat (Gillette) thing with some Greek lettering on the back along with a map of Crete with SV9 in the middle, our Club Logo. I do not think there will be too many of them wandering about. Current plan is to visit on the Friday (27th) in the company of John, G3WFM, ex RSGB Librarian. At the time of writing, Dick, '4KAR and Pat hope to attend on their way to see some relatives who live not too far away.

Apart from a huge shopping list that I will get from the locals out here, I am looking forward to seeing the RSGB hierarchy and telling them what an awful job they have made of their new Web site thing.

Meanwhile, I shall return to the beach! Of course, this article is RoHS compliant.

Yammas!

Dick. SV0XBN/9

Join the RSGB for only £1 - Yes you read it right!



As part of the Centenary celebrations the RSGB is making a special offer that harks back to the first days of the Society. It was originally recognised that we needed as many members as possible to give us a strong voice with Government and Internationally. This is still true today, so we are asking our membership to sign up their fellow amateurs as RSGB members for only one pound for a full year. This offer is open to anyone who has an interest in radio as long as they haven't been an RSGB member in the last 12 months and reside in the UK.

The new members will get one year of RSGB membership with the full benefits that the Society provides, with the expectation that like you, they will appreciate what the RSGB offers and remain members once the offer has ended.

As this is a Centenary offer the £1 membership is only available until the **14th July 2013** so please help us build a strong RSGB by "recruiting a friend today".

Join up online at www.rsgbshop.org/poundmember

SOUTHDOWN AMATEUR RADIO SOCIETY
Minutes of the Committee Meeting held on the 20th May 2013

PRESENT

CHAIRMAN STEVE BURNAND M3EVM
VICE CHAIRMAN TONY LUNN G0EYE
HILARY M1HLG; BRIAN G7PMY; JANE 2E1PJJ; TONY G3ZQB; JIM G4DRV;
Also GARETH DAVIES M6CQX

APOLOGIES PETER G6GVM; IRIS G6ZNO

MINUTES OF LAST MEETING

Corrections: Events – 6th Sept Spectacle lenses not Spectical
 Under Website - Log book entry should be under Shacks
 Log book given to Tony G3ZQB not G0EYE
Treasurers Report – Deposit Account not Sccount
Burnand not Burnard in those present
Events - 5th August Capacitors not Capaciters

CHAIRMAN'S REPORT

Steve M3EVM and Tony G0EYE have been to BHRS and it is looking very good.
Alastair G4RUL has paid for a repair to cabling on the wind up mast and would like reimbursing £30 – refer to Treasurer on his return. Peter Hutchins is also owed £10 for a first Aid Kit for the site.
There is a need to ensure that cheques can be paid out when the Treasurer is away.
There is to be a meeting with Council representatives on 5th June regarding the Redoubt Shack – Steve M3EVM and Tony G0EYE and Tony G3ZQB will attend and meet prior to the meeting to make an action plan. There is a need for a written agreement regarding SARS residency within the building.
There is to be an amount of refurbishment at the Redoubt due to the award of some Lottery Funding – this will take around 18 months to complete and SARS needs to know what arrangements will be in place regarding access to the shack.
Steve M3EVM has been speaking to another club which has a large collection of radio equipment in storage - which we may be able to take on, if more space can be negotiated at the Redoubt. Discussion is in the early stages at this point.
Steve M3EVM is suggesting another visit to Bletchley Park – the shack there is now being run by RSGB and not Milton Keynes club as before.
Steve M3EVM will contact the owner of Belle Tout by email in case there is a chance that we could run Lighthouses on the Air from there once again.

TREASURER'S REPORT - None (Peter away)

SECRETARY'S REPORT - None (Iris away)

PROGRAMMES

JUNE 3 rd	APRS by Bob Clinton G0BUX (Automatic Packet Reporting System)
JULY 1 st 2013	MAGNETISM & FREE ENERGY DEMONSTRATION Member participation required.
ANNUAL BBQ	QTH Peter and Iris
AUGUST 5 th	from COILS to CAPACITORS by Peter Martin G6GVM
SEPTEMBER 2 nd	SPECTACLE LENSES to the HUBBLE TELESCOPE (practical demonstration)
OCTOBER 7 th	THE ENIGMA MACHINE from the GERMAN PERSPECTIVE
NOVEMBER 4 th	DISCUSSION EVENING - To Natter about 2014
CHRISTMAS DINNER	Date & Venue to be decided
DECEMBER 4 th	CHRISTMAS SOCIAL at CHASELEY
JANUARY 6 th 2014	A.G.M. (OHMS LAW TALK with Peter G6GVM on Coils & Capacitors.

EVENTS

RAILWAYS on the AIR – 3 possible venues (Enterprise Centre, Hampden Park Railwaymen's Club or the Cuckoo Trail) It was agreed to approach the Enterprise Centre being an old Railway Building by Eastbourne Station.

MUSEUMS on the AIR (Redoubt)

CASTLES on the AIR (Fortresses are allowed so we can use Redoubt)

There is a Forces day on June 8th at Redoubt which we hope to attend if operators are available, with ambassadors to meet and greet the public.

WINDMILLS on the AIR – Stations operated from Polegate and also Windmill Hill this year. The Windmill Hill station was put together at short notice due to their usual operators cancelling because of illness. It worked very well however and a good number of contacts were made. Reports from each station were given to Mike Chapman.

SHACKS

REDOUBT – Still having damp problems in the aerial cables – need ladders etc to fix it. If plugs are removed and put on the floor after operating – water drains out.

VSWR is good and working at the moment.

Alex has donated a computer so we have 2 computers sharing 1 screen at present (switched).

The internet connection is currently unplugged. Steve M3EVM will liaise with Redoubt/Council regarding internet access via their LAN without compromising their security.

Suggestion was made that the number of visitors to SARS shacks be recorded in Airtime each month.

BHRS – The site is running well and looking very professional thanks to Alastair and Peter.

HAILSHAM – Still operating from Hailsham but keeping a low profile.

AIRTIME

Hilary M1HLG reported that Airtime is going well and there is currently plenty of input from members.

WEBSITE

Steve M3EVM reported that he will be updating the website on 21st May and will be including a blog, pictures and copies of Airtime.

RCN

Tony G3ZQB will ask Geoff to provide a monthly report as this is to be an agenda item.

A.O.B.

Gareth Davies M6CQX was proposed as a new committee member by Tony G0EYE and seconded by Tony G3ZQB. Unanimously accepted. Gareth is newly licensed and is already active in club competitions and events. He has an interest in electronics, kit building and encouraging young people into the hobby.

Gareth M6CQX is to borrow the club's FT817 when Peter G6GVM returns. The power supply is currently with Jim G4DRV. This will enable him to get on the air for the time being.

Parking is no longer allowed on site at the Redoubt – Operators and visitors should park on the road.

The meeting closed at 21.30 hrs.

The next Committee Meeting is on the 10th June 2013 at 7.30pm at 21, Baldwin Ave. Eastbourne.

2013 Programme

- July 1st** **Chrystals & Magnetism & Free Energy Demonstration**
Jim G4DRV and Tony G0EE
(Members participation required)
- July 15th** **Annual BBQ from 7pm**
- August 5th** **From Coils to Capacitors Peter G6GVM**
- September 2nd** **From Spectacle lenses to Hubble Telescope**
Practical demonstration
- Sept 13th—15th** **RCN Exchange visit**
- October 7th** **The Enigma Machine from the German Perspective**
- November 4th** **Discussion Evening to natter about 2014**
- November 18th** **Christmas Dinner**
- December 4th** **Christmas Social at Chaseley**
- January 6th 2014** **AGM**