



# SURREY RADIO CONTACT CLUB

DECEMBER 2001 — No: 711

CLUB NET 29.111 MHz Sunday 9:30am  
 CLUB NET 144.325 MHz Friday 8:30pm  
 CLUB NET 145.500 MHz and Down Thursday 7.00pm

CLUB Internet WEB Site:  
<http://www.g3src.org.uk>

Hon. Sec. Ray Howells G4FFY  
 9 Aultone Way  
 SUTTON  
 Surrey SM1 3LD  
 (020) 8644 7589  
 E-Mail: [secretary@g3src.org.uk](mailto:secretary@g3src.org.uk)

MONTHLY MEETINGS 1<sup>ST</sup> AND 3<sup>RD</sup> MONDAYS 7.45 FOR 8pm  
 AT THE T.S. TERRA NOVA, 34 THE WALDRONS, SOUTH CROYDON  
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**"A" MEETING 3<sup>rd</sup> Dec 2001 M2000A—MILLENNIUM STATION with Bob Treacher RS32525**  
**"B" MEETING 17<sup>th</sup> Dec 2001 FIX-IT, ADVICE, CHIN-WAG, CLUB STATION + "MOVE-IT-ON"**

Chairman	GOPAR David How	020-8761 2954
Vice-Chairman	G3ZPB Peter Burton	01737-551413
Treasurer, Liaison & Equipment	G4DDY Maurice Fagg	020-8669 1480
Secretary, Membership & Communications	G4FFY Ray Howells	020-8644 7589
VHF Co-ordinator	G8TB Bernard Wynn	020-8660 7517
Publicity & HF Co-ordinator	G4WAY Roger Holyoake	020-8689 7089
Members	G4XAT Gareth Evans G3RJW Graham Marshall	020-8462 2837 020-8669 8722
Co-opted	M1MRS Robert Shepperley	020-8640 5166

## Dear Members

Hello and welcome to the December 2001 newsletter, the last for 2001. We wish all our members and friends a Merry Christmas and a Happy New Year.

I am indebted to Bernie G8TB for stepping into my shoes last month and to Peter G3ZPB for Newsletter production and sending. Unfortunately I gave out a set of address labels which missed out those of you who now only get the newsletter by E-Mail. I offer my personal apologies for that oversight and will try and do better next time normal service is not possible.

Now the reason for my unavailability was the fact that Mary and I took a seven week holiday downunder visiting both VK and ZL land, and our friends there. More about this in future editions.

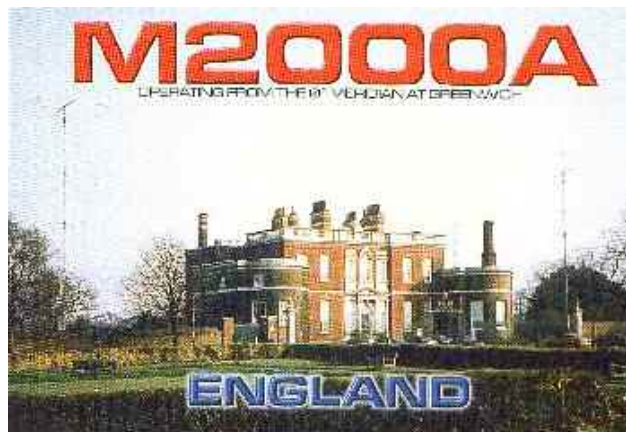
For this month's "A" meeting on Monday 3<sup>rd</sup> December we are please to welcome Bob Treacher RS32525 and team to give us a presentation on the Millennium Station M2000A; the "B" meeting on Monday 17<sup>th</sup> December will be the regular "Fix-it" evening. As the "B" meeting will be the last before Christmas then there will be those usual Christmas extras.

### Next "A" Meeting Mon 3<sup>rd</sup> Dec 2001 M2000A-Millennium Station with Bob Treacher BRS32525 & Team

For our "A" meeting on Monday 3<sup>rd</sup> Dec 2001 we are very pleased to welcome Bob Treacher BRS32525, Dave G4BUO, Paul G3SXE and Bob's son, Simon RS177448

who will be giving a presentation on the planning, execution and operation of the special event Millennium station M2000A. The event was initiated by Project 'ECHO' (Eltham Contacting Hams Overseas).

M2000A operated from Ranger's House in Greenwich Park commencing 1100z on 31st December 1999 until 1855z on 29th February 2000.



The Web site <http://www.gsl.net/m2000a/story.htm> states: M2000A was arguably the most successful special event amateur radio station ever. The station was celebrating the new Millennium from a prestigious location on the zero degree meridian at Greenwich, South East London in England. Two months of activity netted over 47,500 QSO's in 202 DXCC entities.

## NEXT "B" MEETING: Monday 17<sup>th</sup> Dec 01 FIX-IT and "MOVE-IT-ON" Evening

The "B" meeting on Monday 17<sup>th</sup> Dec will be the regular "Fix-It" and advice evening with the extra twist. If you have a radio item that you just wish to clear out then bring it along - you never know it may be just what another member is looking for!

The Fix-It section has proved very interesting and successful so please bring along that item that has been giving you grief - the collective heads at the meeting usually come up with something.

Being the last meeting before Christmas I understand we will be having some festive treats for the tea break.

## Last "A" Meeting Monday 5<sup>th</sup> Nov 2001 DIGITAL AUDIO BROADCASTING - Peter G3ZPB

I am indebted to Bernie G8TB for the following report:

"As had been widely advertised, this meeting was held at the Radiocommunications Agency on Kenley Aerodrome. This was known to many of the 25 or so members who attended as they had previously visited the site the previous weekend to operate M0RCA in the WWCQ contest, and already had seen the excellent facilities.

Peter commenced his talk by explaining the functions of this unit. The RA manages the civil radio spectrum in the UK and represents UK interests in international discussions. As there is a body of technically literate persons, it is also used as RA training as was apparent from the excellent lecture room we used.

He then went on to the main subject and explained the benefits or snags with the system of digital radio, the bands of frequencies in use with many more to come. The big advantage is in poor reception areas and mobile operation, the big snag is that to date there is not coverage of the whole of UK and apparently the continent is using different parameters. The high cost of receivers also makes sales slow but no doubt prices will come down with more sales.

Mikiko Shepperley came along to provide us with refreshments and she made some excellent sandwiches. She had a special vote of thanks and also to Peter for his talk and providing this excellent venue."

Bernie G8TB

## CLUB ACTIVITY - CQWW Contest 27<sup>th</sup>/28<sup>th</sup> Oct 2001

This took place up at the RTCG site in Whyteleafe Hill. Will carry a full report next month but briefly: Valid QSOs 1101, Countries 374, Claimed Score 850,476.



## THE CALENDAR SECTION SRCC and Local Club Meeting Dates:

3 <sup>rd</sup> Dec	<b>M2000A Station with Bob BRS32525+Team</b>
4 <sup>th</sup> Dec	Thames Valley ARTS – Christmas Social @ QTH David G3KQR. Library Reading Room, Giggs Hill, Thames Ditton-Closed Trevor M0CDB 01372-457674
5 <sup>th</sup> Dec	Crystal Palace – SWR Bridge Project – Test!! @ Beechwood School, Leigham Court Road 7.30pm. Sec: Bob G3OOU 01737 552170
10 <sup>th</sup> Dec	CATS – AGM - Contact: Andy G0KZT 01737-552139. Meetings normally @ St. Swithun's Church Hall, Grovelands Rd, Purley 8pm 2 <sup>nd</sup> Monday's
13 <sup>th</sup> Dec	Sutton & Cheam RS – Christmas Junk Sale @ Vice Presidents Lounge, Sutton United Football Club, Gander Green Lane, Sutton – 7.30 for 8pm. Sec: John G0BWV 020-8644 9945
14 <sup>th</sup> Dec	W&DARS – Christmas Social. Meetings @ St. Andrew's Church Hall, Herbert Road, Wimbledon-8pm. Details: Jim G4WYJ 01737 356745
17 <sup>th</sup> Dec	<b>Fix-It, Advice, Chin-Wag, "Move-It-On"</b>
18 <sup>th</sup> Dec	Bromley & District – Meetings 3 <sup>rd</sup> Tuesday's @ Victory Social Club, Kechill Gardens, Hayes – 7.30 for 8pm. Sec: Alan G0TLK 020-8777 0420
21 <sup>st</sup> Dec	Crystal Palace – Christmas Get-together @ All Saints Parish Rooms, Beulah Hill - 7.30 for 8pm. Further details from Sec: Bob G3OOU 01737 552170 or WEB Site <a href="http://ourworld.cs.com/bccmburns/">http://ourworld.cs.com/bccmburns/</a>
18 <sup>th</sup> Dec	Dorking & District Radio Society – Christmas Social. Meetings @ Friends Meeting House, Butterhill South Street, Dorking – opp. Spotted Dog. Details: Jon G0GNA 01306-883718
7 <sup>th</sup> Dec	Crawley ARC – Christmas Fish & Chip Supper @ Hut 18, Tilgate Forest Recreational Centre, Tilgate Forest, Crawley – 7.30pm. Sec: Jerry G0FPI 01293-512932
30 <sup>th</sup> Jan 2002	South London College ARS (G3HFY) – EGM re future of SLCARS. Meetings on last Wednesday of month @ ATC HQ, Commonsides West, Mitcham - 7.30pm. Derek M0BGX 020-8684 0963
7 <sup>th</sup> Jan	<b>RSGB DRRM for South London &amp; Surrey</b>
4 <sup>th</sup> Feb	<b>Picature with Paul Berkeley M0CJX</b>
4 <sup>th</sup> Mar	<b>Spring Surplus Equipment Sale</b>
8 <sup>th</sup> Apr	<b>AGM</b>
13 <sup>th</sup> May	<b>Construction Evening</b>
3 <sup>rd</sup> Jun	<b>Construction Contest</b>

SRCC Meetings indicated in **BOLD** with venue of Terra Nova unless otherwise stated.

## Rally Calendar, etc:

9 <sup>th</sup> Mar 2002	Crystal Palace Spring Fair, St John's Hall, Sylvan Road, London, SE19 – 10:30 to 13:00. Contact Bob Burns G3OOU - <a href="mailto:BCCMBurns@cs.com">BCCMBurns@cs.com</a>
16 <sup>th</sup> Jun 2002	Epsom Radio & Electronics Fair – Epsom Downs Racecourse Grandstand. Contact Paul Berkeley M0CJX - <a href="mailto:m0cjx@lineone.net">m0cjx@lineone.net</a>

## VHF NFD lead to . . . .

Bernie G8TB has given me the following:

"I was asked by Rodney Fullen, who owns the site we use on field days, to give a talk on amateur radio to the Hand Gliding club that operates from a building on his farm. Obviously I agreed, as he has always been very accommodating to the SRCC.

So the other evening I went along, and was accompanied by Ray Pounder G3DVQ, to keep me on the subject, and also Peter Bruce G4WPB who had experience both of Hand Gliding (one of his many hobbies) and also had investigated the possibilities of using radio for communicating between airborne gliders.

The whole meeting turned out to be very convivial, and although it turned out that they were not so interested in amateur radio as to how they could use radio communications while gliding. Anyway I had prepared the amateur talk so I gave it, and then Peter was able to spend quite a time on the legality, or not, of using hand helds. Peter had gone into this subject very deeply in the past so it was very fortunate that he had come along to put the case that I would riot have been able to.

Anyway it was a good exercise in public relations and my thanks to both Ray and Peter for giving up an evening."

Bernie G8TB

## EPSOM RADIO AND ELECTRONICS FAIR. 16<sup>th</sup> June 2002 - A NEW MAJOR AMATEUR RADIO RALLY FOR THE SOUTH

An exciting new rally venue has been booked at Epsom Downs Racecourse Grandstand. The plans for the Event include:

- A sustained advertising campaign in RadCom and local papers.
- International celebrities to open the event and entertain us during the day.
- Morse testing with free gate admission for anyone taking the test.
- Marketing to the colleges and schools with free tickets to all teachers & students.
- Large Bring & Buy Sale.
- Car boot sale within the Rally Area.
- Special event station on HF set up specifically with supervised access for unqualified operators (GB2ERF).
- Call in station on 2m (GB2ERT).
- GB4FUN if we can get it.
- Full RSGB support.
- Website and links from RSGB.org

We have already had pledges for some of the major traders and would expect a full compliment on the day. As you can see we plan to provide a Rally that is both entertaining and educational, and maybe we can attract some newcomers to the hobby!

All club tables will be heavily subsidized. Anyone who wants to lend a hand will be rewarded for his or her efforts.

Although we will be sending out information packs later in the year, if anyone requires further details now, feel free to e-mail me on [m0cjx@lineone.net](mailto:m0cjx@lineone.net) or contact my committee who are –

- Jon Weller G0GNA
- Martin Charman G4FKK
- Andy Maish G4ADM
- Brain Cannon G8DIU

Hope to see you at the rally.

Paul Berkeley.

M0CJX

EPSOM RADIO AND ELECTRONICS FAIR

## SEA CADETS TERRA NOVA

The request in the last newsletter for a member to instruct cadets in communications, lead to a volunteer in the shape of Robert Shepperley M1MRS. It would be nice if we could have another to share the load with Robert. To know more have a word with him or with Maurice G4DDY (Tel numbers at the top of Newsletter).

## MEMBERSHIP NEWS:

### Ivor M0IMJ

Chatting with Ivor Morgan-Jones the other evening I was pleased to learn that he now holds the call M0IMJ. He is also contactable via E-Mail using:

[m0imj@vizzavi.net](mailto:m0imj@vizzavi.net)

### Charles M0BIN

Charles is interested in starting a local CW net on HF at a reasonable CW speed. If anyone is interested please contact Charles on 020 8679 1387 or:

[m0bin@parc.demon.co.uk](mailto:m0bin@parc.demon.co.uk)

Chas has also made a full wave single loop antenna for 10metres, which works extremely well and also reduces his near-field EMC problem. Fibreglass spreaders were obtained from the Kite Shop in Covent Garden and the match, via 100ohm balanced feeder into a Capco AMU, was easy to obtain.

## CATS BAZAAR - Sunday 18<sup>th</sup> Nov 01

This well known event was held on Sunday morning 18<sup>th</sup> November at the hut HQ of the Purley 4<sup>th</sup> Scout Group, car park, Lion Green Road, Coulsdon. This event was well attended and was an excellent opportunity to catch up with friends and members - some travelling quite long distances. The entrance fee included a drink plus instant raffle, and the opportunity to buy a sandwich or sausage roll, the latter proving very popular.

Amongst the tables was Robin G3NFV with his SYCOM range, and also Maurice G4DDY and Graham G3RJW with tables for the Club, and the RSGB had tables for the first time



Graham G3RJW & Maurice G4DDY



John G3BFP, Tony G3GHI, Bernie G8TB & Gareth G4XAT



## WANTED:

Many of you will remember the excellent talk that Peter Woolhouse G7PWV gave about the British Lifeboat Association and also the Museum at Portsmouth. For the Museum he is searching for old type Aerial Insulators to make up authentic antennas. The type he requires is glass or porcelain, with holes at each end and ribs in the middle. Either contact Peter G7PWV or Bernie G8TB.

## RECIPE SPOT:

### MIKIKO'S EASY BREAKFAST

#### \*FRIED SPINACH BACON

bacon	3 pieces
fresh leaf spinach	100 g
butter or margarine	1 Tbsp
pepper and salt	some

#### \* JAPANESE SCRAMBLED EGG

egg	1 large one
sugar	some
salt	some
oil	1 Tsp

#### \* TASTY CARROT

carrot	1
butter or margarine	1 tbsp
sugar	1/4~1/2 tsp
water	

Japanese fish soup stock 1 (If you cannot get it, forget it at this time)

1, Cut bacons into pieces. Heat a frying pan and put the bacons into the frying pan, then stir them until they are slightly crisp for one minute.

Melt butter in the sauce frying pan and put well-washed fresh leaf spinach as well. Fry them all until the spinach is cooked for about a few minutes.

Season with salt and pepper. Serve it on a plate.

2, Break one egg into a small bowl, season with salt and sugar and beat together. Put some oil or margarine into the small frying pan and pour the beaten egg mixture and stir it quickly with a chopstick.

Serve it on the same plate.

3, Rinse a carrot. Peel and chop it pieces.

Put them into a small pan and pour some water until the water covers them. Heat the pan and put butter or margarine, sugar and Japanese fish soup stock into the same pan. Stir and shake the pan and cook carrots well for ten to fifteen minutes.

Serve it on the same plate.

## MARCONI 100yrs

Peter G3ZPB has advised me of the following:

"The Radiocommunications Agency will be running GB100WT during part of December including (hopefully) the full 24hrs of 12th December from its laboratory site at Whyteleafe. They expect to be operational on HF, 2m and 70cms. The station will be operated by RA staff in addition to members of SRCC and will welcome QSO's from club members." Please contact Peter G3ZPB (01737 51413) for more details, and to volunteer your services, etc.

## PHIL G1LKJ:

In Dublin on October the 10th 2001 Phil proposed to his girlfriend Jackie and she accepted. The wedding date is the 5<sup>th</sup> of July 2002, which also happens to be his fiftieth birthday.

Congratulations Phil – by the way our WA is 6<sup>th</sup> July.

## FOR SALE:

I am so impressed with the quality of this printer that I have now bought the HP Officejet (uses the same print engine but includes fax/scanner/copier functions). The 970 is nearly brand new (only printed about a dozen sheets) and is complete with packing, manual & software etc but less the double-sided feed unit option (that also fits my new Officejet). It is a 1200 x 1200 dpi printer with separate colour and B/W cartridges. £110 ono.

Peter G3ZPB 01737 551413 or [pburton@iee.org](mailto:pburton@iee.org)

## Peter G4WPB - Andromeda:

Dear Ray.

I know a lot of members are interested in astronomy so felt it would be a good idea to send you this picture because you don't need anything special to get it--no not even a telescope.

The attached picture is of the Andromeda galaxy, which is high in the sky now. The picture was taken with a 200mm telephoto lens and contains 3 galaxies. The large one is M31 the great Andromeda spiral galaxy and to the bottom left is M32 another spiral galaxy but still in the same field of view.

There is a third, which needs more power to resolve which is just to the left and up a bit from the centre of M31--it can just be resolved into a slightly "fuzzy" star but in fact contains millions of suns.

The picture was captured using an astronomical CCD camera piggy backed on my scope so it would track over the time period. The same result could be achieved using a very fast black and white film and force the speed more by developing.

I was truly amazed at this picture because I never expected to get anything like this with such a simple set up. A lot of people buy telephoto len's systems and use just a few films with them before they put the lens to bed, which is a shame....

Regards PETER BRUCE G4WPB.



## INTERNET LINKING

Those of you with E-Mail will have received info from me about this topic with a link to <http://www.qsl.net/g3zhi>

I have heard from Alan G7ELG "Many thanks for the Internet linking details, went on this morning downloaded a good audio player, and went straight into a repeater in Toronto. I hope some of the club were able to enjoy the 6mtr opening to VK and VE on the 16th, the signals were 5/9 + up here in the east midlands, although some were running 1Kw...."

## SIGNING OFF:

That's it for this month, though have held over some articles and letters till next month. Please come along to the M2000A presentation on 3<sup>rd</sup> Dec and support Bob's BRS32525 and his teams' efforts for what will be a very interesting evening. Finally have a Happy Christmas.

Ray G4FFY

73 and 88

Posted: 29<sup>th</sup> Nov 2001