



# SURREY RADIO CONTACT CLUB

**JULY 2003** — No: 730

CLUB NET 1.905 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**

Normally AT THE T.S. TERRA NOVA, 34 THE WALDRONS, SOUTH CROYDON

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**"A" MEETING 7<sup>th</sup> Jul 2003 SUMMER BARBEQUE @ PETER's G3ZPB (Pound Cottage)**  
**"B" MEETING 21<sup>st</sup> Jul 2003 FIX-IT, ADVICE, CHIN-WAG, CLUB STATION + "MOVE-IT-ON"**

Chairman	G4XAT Gareth Evans	020-8462 2837
Vice-Chairman	G4WAY Roger Holyoake	020-8689 7089
Treasurer, Liaison & Equipment	G4DDY Maurice Fagg	020-8669 1480
Secretary, Membership & Communications	G4FFY Ray Howells	020-8644 7589
VHF Co-ordinator (Co-Opted)	G8IYS John Simkins	020-8657 0454
Publicity & HF Co-ordinator	M1MRS Robert Shepperley	020-8640 5166
Members	G3RJW Graham Marshall	020-8669 8722
	G4FDN Pat McGuinness	020-8643 0491
	G8TB Bernie Wynn	020-8660 7517

## Dear Members & Friends

Hello and welcome to the July 2003 newsletter. Hopefully the weather will return to the nice conditions we have recently experienced as we have a couple of outdoor events coming up – firstly its VHF NFD this coming weekend (5<sup>th</sup>/6<sup>th</sup> July), followed by the annual barbecue at Peter G3ZPB & Wendy's QTH on Monday night 7<sup>th</sup> Jul 2003.

### NEXT "A" MEETING: Monday 7<sup>th</sup> July 2003 SUMMER BARBEQUE @ PETER's G3ZPB

Once again this year we are indebted to Peter & Wendy Burton who will be hosting the SRCC Barbecue at their home of Pound Cottage, 202 Coulsdon Road, Old Coulsdon. The date is next Monday 7th July, time 7.30 for 8pm.

To find their home when going south along the Coulsdon Road (B2030) from Stoats Nest Road, it is on the right hand side and the first house after the new estate past Stoneyfield Road, with a bowling club almost opposite. PLEASE NOTE this meeting is not held at our usual venue of Terra Nova.

Members should bring their own meat (sausages, chops, hamburgers, fish etc), as Peter and Wendy will provide the salad, bread and soft drinks. So that they can provide sufficient quantities it would be appreciated if those of you planning to come to contact them in advance (Tel: 01737-551413 or E-Mail: [pburton@iee.org](mailto:pburton@iee.org)).

The Barbie will also be supplied by Peter and will be the "chief" cook, though another volunteer would be welcomed. If you require alcohol please bring your own.

This is planned as a FAMILY AFFAIR so bring the XYL and the little ones! Entertainment will be laid on like Table Tennis or Pool or Snooker. In the past years this has been an excellent evening... it also gives the XYLs a chance to get together and swap news.

Please let Peter & Wendy know that you are coming (01737-551413). "We go" whatever the weather.

### VHF NFD WEEKEND: Sat 5<sup>th</sup>/Sun 6<sup>th</sup> July @ Field-Day Site of Nore Hill, Warlingham

It is here, the weekend of the year when SRCC takes part in the VHF NFD contest. We will be located in the normal field, as the farmer has made it available to us. It is located along the Limpsfield Road, about half a mile south from the junction with Slines Oaks Road.

Once again John G8MNY will be joining us to put up a 23cm station, with Jim G4WYJ leading the 2m station, Peter G3ZPB the 70cm station, John G3BFP the 6m station; along with other friends and local club members, the more the better. So, this activity will be an ideal opportunity for any of you to take part.

Personnel are wanted to help put the stations up, and do some operating - so please come along.

The weekend itinerary is as follows:

- Up on site from 8:30am Saturday for aerial erection and station assembly;
- Contest runs from 15:00BST Saturday till 15:00BST Sunday, and we will be operating:
  - 6m G3SRC/P (Saturday only)
  - 2m G3WIM/P
  - 70cm G3ZPB/P
  - 23cm G8MNY/P
- Sunday afternoon for aerial and station dismantling

More details can be obtained from John G8IYS (020-8657 0454).

### NEXT "B" MEETING: Monday 21<sup>st</sup> July 2003 FIX-IT, Advice, Chin-Wag & "MOVE-IT-ON"

The "B" meeting on Monday 21<sup>st</sup> July will be the regular "Fix-It" and advice evening with the extra twist. If you have a radio item, or anything else 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.

### LAST "A" MEETING: Monday 2<sup>nd</sup> June 2003 CONSTRUCTION CONTEST

This was a very enjoyable evening and it was encouraging to see all the members efforts - big and small, young and old, radio and non-radio.



On display included items from Bernie G8TB, Alvin M0BRX, John G4DJR, Gareth G4XAT, Joshua Evans, Rueben Evans, Dusty G4DSY, and Charles M0BIN. I hope I've remembered everyone!

All exhibitors gave a brief talk on their entries and during the tea break every one took part in a secret vote. The outcome was as follows:



**Winner:** Gareth G4XAT who received the Coronation Cup and cash prize

**Second:** Reuben Evans who received the Basil Wardman tankard and cash prize

**Third:** Dusty G4DSY who received a cash prize.



Well done to all the winners and congratulations to everyone who entered proving that home construction is still alive.

### LAST RALLY: Sunday 22<sup>nd</sup> June 2003 EPSOM RADIO & ELECTRONICS FAIR



Our presence at the Epsom Rally was very successful with some several hundred pounds raised for Club funds. In the picture above of our tables can be seen John G3MCX, Maurice G4DDY, Roger G4WAY and Graham G3RJW. Missing is our salesman of the day - Pat G4FDN, Gareth G4XAT and myself (taking the picture!).

We were also supporting the RSGB National Construction Contest in which Gareth G4XAT came 2<sup>nd</sup> with his excellent Magnetic Loop Aerial (as also seen at our Construction Contest). His prize was the bhi Noise eliminating Speaker. The winner was Oliver Tillett G3TPJ for his IBP beacon receiver and won a Yaesu FT817 transceiver. Third was Bob Burns G30OU for his Z-match ATU built to match the Heathkit equipment line-up.



Amongst the many SRCC members that took the trip to the Epsom Radio Fair was Harry G3SBV who couldn't be missed with his hat – as seen above with Maurice G4DDY. (Thanks Harry for letting me take the picture).



Gareth being presented with 2<sup>nd</sup> Prize from Peter Kirby G0TWW  
RSGB General Manager

## THE CALENDAR SECTION

### SRCC and Local Club Meeting Dates:

4 <sup>th</sup> July	Crystal Palace – Natter night/Club projects/Morse Class @ All Saints Church Parish Rooms, Beulah Hill. 7:30 for 8pm. Bob G300U 01737 552170 (Meetings 1 <sup>st</sup> and 3 <sup>rd</sup> Fridays) <a href="http://www.qsl.net/g30ou/id3.htm">http://www.qsl.net/g30ou/id3.htm</a>
7 <sup>th</sup> Jul	<b>BBQ @ QTH of G3ZPB</b>
9 <sup>th</sup> Jul	Crawley ARC – A talk & demo on APRS with Martin M1MRB @ Hut 18, Tilgate Forest Recreational Centre, Tilgate Forest, Crawley – 7.30pm. Jerry G0FPI 01293-512932 <a href="http://www.carc.org.uk">www.carc.org.uk</a>
11 <sup>th</sup> Jul	W&DARS – Desert Island Radio with Reg M1EEK @ St. Andrew's Church Hall, Herbert Road, Wimbledon – 7.30 for 8pm 2 <sup>nd</sup> & last Friday's Details: Jim G4WYJ 01737 356745 <a href="http://www.wadars.thersqb.net">http://www.wadars.thersqb.net</a>
14 <sup>th</sup> Jul	CATS – Inter-Club Quiz Night. Meetings at @ St. Swithun's Church Hall, Grovelands Rd, Purley 8pm 2 <sup>nd</sup> Monday's. Contact: Andy G0KZT 01737-552139. <a href="mailto:cats@briersa.fsbusiness.co.uk">cats@briersa.fsbusiness.co.uk</a>
21 <sup>st</sup> Jul	<b>Fix-It, Advice, Chin-Wag, Move-It-On</b>
15 <sup>th</sup> Jul	Bromley & District – (Mtgs 3 <sup>rd</sup> Tuesday's) @ Victory Social Club, Kechill Gardens, Hayes – 7.30 for 8. Alan G0TLK 020-8777 0420 <a href="http://www.bdars.org.uk">www.bdars.org.uk</a>
17 <sup>th</sup> Jul	Sutton & Cheam RS – GB50 with Bob Treacher RS32525 & Team @ Vice Presidents Lounge, Sutton United Football Club, Gander Green Lane, Sutton – 7.30 for 8pm. Sec: John G0BWV 020-8644 9945 <a href="http://www.scrs.org.uk">www.scrs.org.uk</a>
18 <sup>th</sup> Jul	Crystal Palace: Hands On Evening with Bob G300U & Brain G8DIU @ All Saints Parish Rooms, Beulah Hill – 7:30 for 8pm. Further details from Sec: Bob G300U 01737 552170 – <a href="http://www.qsl.net/g30ou/id3.htm">http://www.qsl.net/g30ou/id3.htm</a>

22 <sup>nd</sup> Jul	Dorking & District Radio Society – Activity Night on HF & VHF from Devils Dyke. Meetings normally 4 <sup>th</sup> Tuesdays @ Friends Meeting House, Butterhill South Street, Dorking – opp. Spotted Dog. Details: Jon G0GNA 01306-883718
24 <sup>th</sup> Jul	Crawley ARC – The Rise & Fall of Decca Radar by Wally Blanchard G3JKV @ Hut 18, Tilgate Forest Recreational Centre, Tilgate Forest, Crawley – 7.30pm. Jerry G0FPI 01293-512932 <a href="http://www.carc.org.uk">www.carc.org.uk</a>
30 <sup>th</sup> Jul	Mitcham & District ARS (Meetings normally last Wednesday of each month) @ ATC Headquarters, Commonsides West, Mitcham. Sec: Mike Knott G0WCR 020-8764 4716
25 <sup>th</sup> Jul	W&DARS – Members Evening & PicATune building @ St. Andrew's Church Hall, Herbert Road, Wimbledon – 7.30 for 8pm 2 <sup>nd</sup> & last Friday's Details: Jim G4WYJ 01737 356745 <a href="http://www.wadars.thersqb.net">http://www.wadars.thersqb.net</a>
26th Jul–3rd Aug	W&DARS – Summer Camp – site TBA as normal site not available this year.
4th Aug	<b>My Favourite Things with Brian G8DIU</b>
1 <sup>st</sup> Sep	<b>I-Link with Terry G4CDY</b>
6 <sup>th</sup> Oct	<b>Autumn Surplus Equipment Sale</b>
3 <sup>rd</sup> Nov	<b>Top Band Members Evening with Martin G4FKK</b>
1 <sup>st</sup> Dec	<b>“The Good Life” with Gareth G4XAT</b>

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

### Rally Calendar, etc:

20 <sup>th</sup> Jul	McMichael Rally & Boot Sale, Reading Rugby Football Club, Reading, Berks. Open 09:30 to 15:00. Details Dave Chislett G4XDU E-Mail: <a href="mailto:g4xdu@amsat.org">g4xdu@amsat.org</a> Web: <a href="http://go.to/mcmichaelrally">http://go.to/mcmichaelrally</a>
27 <sup>th</sup> Oct	West London Radio & Electronics Rally, Kempton Racecourse. Details: Paul M0CJX 01737 279108 E-Mail: <a href="mailto:m0cjx@ntlworld.com">m0cjx@ntlworld.com</a> Web: <a href="http://www.kemptonrally.co.uk">www.kemptonrally.co.uk</a>

### CATS Inter Club Quiz: Monday 14<sup>th</sup> July @ 8pm St Swithun's Church Hall, Grovelands Rd Purley

It's that time of the year again when CATS hold their annual Inter-Club Quiz night.

The meeting will commence at 8pm and takes the form of a “Pub Style” quiz format covering general knowledge and amateur radio related questions.

Teams consist of 4 members and we are welcome to enter as many teams as we wish. Over the past years this has been an enjoyable night with a chance for members of different clubs to get together for a fun evening.

SRCC will be attending this fun evening – last year we entered two teams, lets see if we can do the same again this year! It is good fun so please try and come along.

### MEMBERS NEWS

#### Robert & Mikiko Shepperley

Robert M1MRS has advised me of a new E-Mail address: [robert@shepperley.fsworld.co.uk](mailto:robert@shepperley.fsworld.co.uk)

#### Sub Renewal Time

In case you missed it I attach a further renewal slip at the bottom of this newsletter for your convenience – please complete and send with a minimum of £8.00 (£12.50 family) to Maurice G4DDY – thank you.

**Ivor MOIMJ**

Ivor has advised me of a new E-Mail address:  
ivor@vodafone.net

**Alan G7ELG**

Alan has advised me of a new E-Mail address:  
scaryng33@msn.com

**Prim G4CCY & Maurice G4DDY - Golden Wedding**

I am sure that you will all join in with me, to wish Prim and Maurice congratulations on reaching their Golden Wedding anniversary, which they celebrated last weekend.

**CHAIRMAN MEOW - July 2003**



After a very successful construction evening it was good to see a wide range of projects on display for our annual Construction Contest - but not a single PSK31 interface - perhaps next year?. The Evans family were well represented with both my sons entering a range of mostly 'other' items

including rockets, planes and woodwork. Reuben (10) won the Basil Wardman tankard for his electronic bedside light. He built this as a scholarship entry for Design Technology at Trinity (which he was successful in) but he forgot to say how grateful he was to Maurice (G4DDY) for helping him with some engine turning and lathe work!

Bernard (G8TB) entered his Top band AMU, which has been doing good service on the Sunday morning net (1.905 MHz 09:30 local). Ever the 'real amateur', he had made non-scratch feet for the project from scraps of carpet tile. A number of smaller projects were also displayed by club members.

I was pleased to win the first prize for my Loop aerial tuning control unit, which (for the benefit of those unable to attend) allows precise tuning of a magnetic loop aerial with 12 memories each of which can be re-written and instantly recalled at the press of a button. This is going to the RSGB National construction contest on the 22<sup>nd</sup> June.

In the 'other' category, Dusty Miller won the prize with his model 'weir' pump. Shown working, it used different surface area pistons to pump water into a boiler that supplies the pressure to run the pump if you see what I mean! Now there's an interesting application of physical principles - a bit like a continuous hydraulic jack that pumps itself up!!

I hope the weather smiles on the annual club barbeque (ably hosted by Peter G3ZPB and Wendy) - I am unable to attend as I am away competing with my own (petrol &

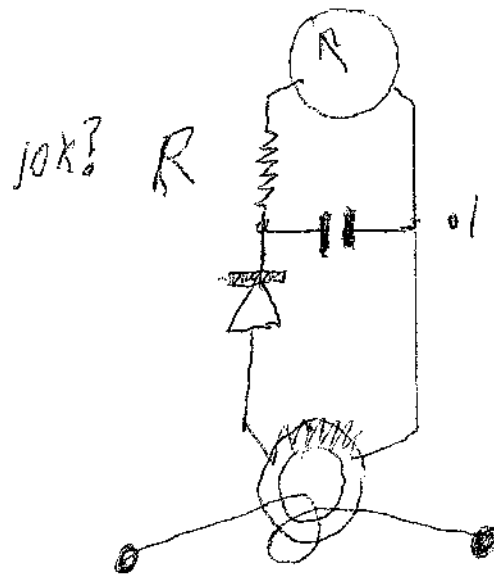
LPG) and my school entry (a diesel powered mouse) in the annual Shell Economy Marathon at Rockingham Raceway.

**Bernie's G8TB LF RF Ammeter**

Continuing the club's renewed interest in Top Band, Bernie G8TB has given me details of a LF RF Ammeter:

"On top band it is desirable to have a means of measuring the aerial current. A thermocouple RF ammeter is desirable. However many of you have 500 micro-amp meters so it is quire easy to construct a current amplifier as per the diagram. The ferrite transformer has one turn in the primary and about 30 turns secondary. The series resistance can be selected to give a satisfactory full-scale reading. Calibrate it against a thermocouple ammeter or select it to give you half scale with your Top-band output and then play with aerial turning and earth system to get maximum.

Bernie G8TB"



**SIGNING OFF:**

That's it for this month - if I have missed anything I give my apologies and hopefully remember it next time.

Anyway in closing I hope that many of you will attend next Monday's Barbecue at the QTH of Peter G3ZPB and Wendy - please let them know you are coming - thanks.

Also we have the VHF NFD this weekend so we would appreciate as many of you as possible up on the site to help in putting up, taking down, operating, check logging, etc. Please contact John G8IYS for further info, etc.

Ray G4FFY  
73 and 88 Posted: 2<sup>nd</sup> Jul 2003

**SRCC Subscription Renewal Form July 2003**

Name: ..... Callsign/RS: .....  
Address: .....  
..... Tel: .....  
E-Mail: .....

Member: £8.00 Family: £12.50

Cheques payable to SRCC and send to:  
Maurice Fagg G4DDY  
113 Bute Road, WALLINGTON SM6 8AE  
Tel: 020-8669 1480