



SURREY RADIO CONTACT CLUB

JUNE 2003 — No: 729

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
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MONTHLY MEETINGS 1ST AND 3RD MONDAYS 7.45 FOR 8pm

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

"A" MEETING 2nd Jun 2003

CONSTRUCTION CONTEST

"B" MEETING 16th Jun 2003

FIX-IT, ADVICE, CHIN-WAG, MOVE-IT-ON, etc

Sunday 22nd Jun 2003

EPSOM RALLY + NATIONAL CONSTRUCTION CONTEST

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 June 2003 newsletter which was prepared just after the Spring Bank Holiday of Monday 26th May following a very enjoyable Scout Camp 2003.

The SRCC meetings this month return to the normal two-week gap with the Construction Contest this coming Monday 2nd June, and the "B" meeting on the 16th June. Also this month is the Epsom Rally on Sunday 22nd June with its National Construction Contest, and a VHF NFD group meeting on the 23rd at G8IYS's. At the next club meeting we need to confirm personnel and rotas for Epsom and VHF NFD. More about these below:

NEXT "A" MEETING: Monday 2nd Jun 2003 CONSTRUCTION EVENING

The 2003 Construction Contest is going to be the meeting to display your construction skills, whether it is Amateur Radio based or not. In other words we would like to see all your efforts that involve some form of constructing.

Hopefully we will have a rush of entries and we will be able to have several sections. These will be finalised on the night but possibilities are Major, Minor, Club Project, and Non-Radio. Entrants will be asked to give a brief talk explaining their entries and this always breaks the ice and allows members to get to know one another better.

The Dave Deacon Coronation Cup and the Basil Wardman Tankard will be presented, along with cash prizes. Members will vote for only one piece in each section, and when deciding your vote please take into

consideration the facilities available, the technical standing of the builder and obviously give more weight to the 14 year old over the professional engineer!

There are few rules; the main one is that an entry must not have won an SRCC contest before. Kits may be entered but we must be told this, and like last year we are allowing non-radio entries you have constructed.

Come along anyway and have a great evening.

NEXT "B" MEETING: Monday 16th Jun 2003 FIX-IT, Advice, Chin-Wag & "MOVE-IT-ON"

The "B" meeting on Monday 16th June 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.

NEXT VHF NFD MEETING: 23rd Jun 2003 at QTH of John G8IYS

The next meeting of this group is at 8pm on Monday 23rd June at QTH of John G8IYS. All are welcome so please contact John for further details (020- 8657 0454) - thank you. At the next club meeting we need to gather commitments to the erecting and operating rotas for each of the stations.

For your information I have attached notes of the last meeting held on 14th April and these will also be available via the SRCC Web Site.

EPSOM RALLY & NATIONAL CONSTRUCTION CONTEST - 22nd June 2003

Epsom Rally is now upon us and SRCC will be there in two roles – one in helping organise the RSGB National Construction Contest, and the other in having our own stand as last year. We need to confirm at the next Club meeting the personnel and rota arrangements but in the meantime please contact either Maurice G4DDY or myself - thank you. All offers of help will be appreciated.

To reinforce the RSGB National Construction Contest we have received the following from Paul M0CJX:

"In spite of the publicity given to the above in RADCOM etc, there seems to be a lack of awareness that there will be a RSGB National Construction Competition to be held at the Epsom Rally on 22nd June. Prizes are sponsored by Yaesu and BHI who have donated valuable items such as the FT817, scanning receivers, and noise-cancelling speakers!

Entry is free and contestants of all ages and abilities are welcome, there is even an under-16 years category. The entry does not have to be big and beautiful.

There will be a trophy and Peter Kirby, the General Manager of the RSGB, will make the awards. Robin Sykes (G3NFV) and Dave Bowman (G0MRF) will judge the entries.

The rules are published on the Epsom and RSGB web sites www.epsomrally.co.uk and www.rsqb.org.uk. Pre booking using the form on the sites would be good but if people can't quite get themselves together please just turn up on the day with their entries.

As a matter of urgency would you let the members of your local club know about it. We must try and encourage people to get constructing once again (as in the good old days?).

Paul Berkeley M0CJX"

THE CALENDAR SECTION SRCC and Local Club Meeting Dates:

2 nd Jun	Construction Contest
6 th Jun	Crystal Palace – Natter night/Club projects/Morse Class @ All Saints Church Parish Rooms, Beulah Hill. 7:30 for 8pm. Bob G30OU 01737 552170 (Meetings 1 st and 3 rd Fridays) http://www.qsl.net/g30ou/id3.htm
9 th Jun	CATS – Mobile 2-metre DF Hunt – S22 + OSMAP187. Meetings normally at @ St. Swithun's Church Hall, Grovelands Rd, Purley 8pm 2 nd Monday's. Contact: Andy G0KZT 01737-552139. cats@briersa.fsbusiness.co.uk
11 th Jun	Crawley ARC – Special Junk Sale @ Hut 18, Tilgate Forest Recreational Centre, Tilgate Forest, Crawley – 7.30pm. Jerry G0FPI 01293-512932 www.carc.org.uk
13 th Jun	W&DARS – Desert Island Radio with Reg M1EEK @ St. Andrew's Church Hall, Herbert Road, Wimbledon – 7.30 for 8pm 2 nd & last Friday's Details: Jim G4WYJ 01737 356745 http://www.wadars.thersqb.net
16 th Jun	Fix-It, Advice, Chin-Wag, Move-It-On
17 th Jun	Bromley & District – (Mtgs 3 rd Tuesday's) @ Victory Social Club, Kechill Gardens, Hayes – 7.30 for 8. Alan G0TLK 020-8777 0420 www.bdars.org.uk
19 th Jun	Sutton & Cheam RS – Summer Junk Sale @ Vice Presidents Lounge, Sutton United Football Club, Gander Green Lane, Sutton – 7.30 for 8pm. Sec: John G0BWV 020-8644 9945 www.scrs.org.uk
20 th Jun	Crystal Palace: Military Radios, Andy Jackson G8JAC @ All Saints Parish Rooms, Beulah Hill – 7:30 for 8pm. Further details from Sec: Bob G30OU 01737 552170 – http://www.qsl.net/g30ou/id3.htm

22 nd Jun	Epsom Rally & RSGB National Construction Contest
23 rd Jun	VHF NFD Inquest/Planning @ G8IYS QTH
24 th Jun	Dorking & District Radio Society – Natter Night & VHF NFD Preparations @ Friends Meeting House, Butterhill South Street, Dorking – opp. Spotted Dog. Details: Jon G0GNA 01306-883718
25 th Jun	Crawley ARC – 136kHz QRP Transmitter Design @ Hut 18, Tilgate Forest Recreational Centre, Tilgate Forest, Crawley – 7.30pm. Jerry G0FPI 01293-512932 www.carc.org.uk
25 th Jun	Mitcham & District ARS (Meetings normally last Wednesday of each month) @ ATC Headquarters, Commonside West, Mitcham. Sec: Mike Knott GOWCR 020-8764 4716
27 th Jun	W&DARS – Morse Practice & PicATUOne building @ St. Andrew's Church Hall, Herbert Road, Wimbledon – 7.30 for 8pm 2 nd & last Friday's Details: Jim G4WYJ 01737 356745 http://www.wadars.thersqb.net
7 th July	BBQ @ QTH of G3ZPB
14th July	CATS Inter-Club Quiz Night @ St. Swithun's Church Hall, Grovelands Road, Purley.
4th Aug	My Favourite Things with Brian G8DIU
1 st Sep	I-Link (to be confirmed)
6 th Oct	Autumn Surplus Equipment Sale

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

Rally Calendar, etc:

21 st Jun	Waringham Country Fair 2003, Blanchmans Farm Recreation Ground, Limpsfield Rd. Good bus service from West Croydon (403)
22 nd Jun	Epsom Radio & Electronics Fair. Organised by Radio Fairs - Paul Berkeley M0CJX E-Mail: m0cjx@ntlworld.com Tel: 01737 373979. Web: www.epsomrally.co.uk Don't forget SRCC is having a stand as well as being involved with the National Construction Contest. CATS are involved with the talk-in. Both clubs need volunteers please – thank you.

LAST ACTIVITY STATION: 10th-11th May SHIRLEY WINDMILL www.qsl.net/g4cdd

As part of the Windmills on the Air weekend (11th/12th May) David G0PAR led the SRCC activity from Shirley Windmill, with help from Barry G4STD, Roger G4WAY, Ray G4FFY and Ivor M0IMJ who did some 2m operating. Thanks to all.



David G0PAR operating GB2SWS

LAST "A" MEETING: Monday 12th May 2003 CONSTRUCTION EVENING

This was a very enjoyable evening when just as much fun was had by the constructors as was had by those watching. The project was the "Data Mode Interface", as described last month, and we are indebted to Gareth G4XAT for all his excellent preparation work. This included all the tools, kits of parts, and diagram. Thanks also extended to Pat G4FDN for the circuit.



Some of the Constructors

A special prize for the first Data mode Interface on the air has been suggested.

LAST ACTIVITY STATION: 23rd-26th May East CROYDON District SCOUTS CAMP 2003

Thanks to the enthusiasm of Mark G3ZRR, along with Stewart M3YPM, this event in Coombe Farm Playing Fields (Lloyd Park) was pulled off. Maurice G4DDY, Bernie G8TB, and myself G4FFY helped on the Thursday before to put up a Doublet for the HF station. On the Friday, Maurice and I brought up the Club generator to supply the power needs. A small mast was also erected for a 2m Quad beam.

The first day of operation was the Saturday 24th May when Mark and Stewart supervised the passing of greeting messages by the many Scouts, Cubs, Beavers, and Venture Scouts. Sunday was the 2nd day of operation but was a quieter affair. Mark had been successful in getting the loan of a Kenwood VHF/UHF TS790 transceiver, along with getting pens and mugs to be used as prizes. For HF Mark used his FT101, and we also used Maurice's Icom IC728. Stewart also brought along some VHF gear but unfortunately the separate switch-mode PSU seems to have died and may have taken the Kenwood TM231E RF PA block with it. Investigations are under way but if anyone has any experience in this area could they let me know – thanks.

I was pleasantly surprised by the high level of interest by the children in Morse and it also looks like we will be asked to assist some of them in getting their Communicator's Badge. To take advantage of the HF set-up, Stewart got up early on the Monday morning and was able to successfully work VK land. The only "complaint" was from Barry G4STD who had never heard such a strong signal on the Sunday morning Top-Band Club Net.

In closing we thank the many Club members who assisted in the receiving of the Greetings messages from the children, and also to the visitors to the station. It was a great weekend, thoroughly enjoyed by all involved.



Mark G3ZRR and some of the Cubs



Dicky Ball – ADC Scouts Croydon



Maurice G4DDY, Ray G4FFY, Mark G3ZRR



Stewart M3YPM

WARLINGHAM COMMUNITY FAIR 21st June Blanchmans Farm, Limpsfield Rd

May I remind you of this local event, taking place on the Saturday immediately before the Epsom Rally.

"On Sat 21st June 2002 between 11:00 & 16:00 will be the Warlingham Fair at Blanchmans Farm, Limpsfield Road, Warlingham.

There will be an Amateur Radio station run by Jim G4WYJ and friends, this is usually a fairly informal gathering and if you turn up and ask you will almost certainly get a go. Why not talk to Jim and volunteer your services.

Entrance to the site is between Warlingham and Chelsham, opposite Bond Road. There is no on-site parking except for disabled visitors.

All monies raised go to running the fair next year and supporting the community wildlife area.

Why not come along and bring the family."

Jim G4WYJ can be contacted on 01737 356745

MEMBERS NEWS

Robert G4GTO

I have learnt via the CATS newsletter that Robert G4GTO has been very ill and is currently in Mayday hospital. We wish Robert a speedy recovery.

Sub Renewal Time

It's that time of the year again when we seek your subscription renewal. I attach a slip at the bottom of the newsletter for your convenience – please complete and send with a minimum of £8.00 (£12.50 family) to Maurice G4DDY – thank you.

CHAIRMAN MEOW – June 2003



Last months 'A' meeting was a roaring success! PSK data Interfaces were built by 8 members but all ten kits were sold out within 10 minutes. Maurice was able to supply neat little plastic boxes for a mere 50 pence each. The kits were sold for £6, representing some very careful shopping on my behalf using 3 different suppliers but avoiding all postage charges.

Given the popularity of the evening and the abundance of PCs in shacks, perhaps other clubs could try offering the same type of evening. Soldering was required, but the relatively simple circuit was easy to follow and help was on hand for 'which way round' type questions.

Our next meeting is of course our annual construction contest where all manner of artefacts can be displayed, be they radio or otherwise. If you have built it, please bring it along - remember - radio or otherwise. I hope to bring along my entry for the national contest at the Epsom Rally, but fear not, part of it has already been shown at the SRCC and it, (the project) may not be eligible for competition! I also hope to bring along the FET amp that has been plaguing me (as participants in the Sunday morning net will know) but finished and boxed, not spread all over my bench. I will also bring along 'Little Ripper', my power assisted pushbike. Members who may have owned such vehicles in the past may be interested to see how engine technology has changed.

I'm sure members greatly appreciate the monthly newsletter that lands on your mat (or e-mat!) with such regularity - spare a thought for how long it actually takes Ray to put something like it together - and consider submitting a snippet to help ease the load.....almost anything is welcome!

Making my 'Mouse' road legal - Gareth G4XAT

Long standing readers may recall my exploits at the annual Shell Economy Marathon where I compete to try and achieve extreme fuel economy - 417 miles per gallon so far. This has been achieved in my 'Mouse', a vehicle of Danish origins that was originally electric power. A small three wheeled single seater and of novel construction, it has languished in my garage for years, making an annual pilgrimage to the Shell event every summer.



Although mechanically restored several years ago, work and life stopped me completing the necessary changes to make it UK road legal. Originally powered by 36 volts, all the wiring, bulbs and wiper motor needed replacing. This work took around a week, followed by getting it insured and MOT tested. Then followed a surprisingly simple visit to Sidcup vehicle licensing office where they happily issued adage related plate - that's it - get a number plate and take it for a drive. It is certainly 'different' to drive, you feel the road a LOT more than in a conventional car but the main problem is other car users - they seem to find my vehicle invisible! However, wherever I go it attracts attention, mostly disbelief, especially when the fuel consumption is mentioned. This year we hope to exceed 500 miles per gallon, but talk is cheap! The world record is over an amazing 10,000 miles per gallon, admittedly in a rather special 'car'. Finding a nice quiet local 'circuit' and making detailed investigations into the effect on economy of rate of acceleration, gearing, tyres and tyre pressures is needed. These all affect the potential for fuel saving or consumption.

Stop press - after a delay of over a month 'Little Ripper' now has a registration plate - Q662CMX - now I can take it for a ride!

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 and take part in next Monday's Construction Contest Evening. Remember on the 22nd is the RSGB National Construction Contest at the Epsom Rally so your help to the SRCC would be appreciated, along with support for our stand. Monday 23rd June is the final VHF NFD Group meeting at John's G8IYS.

A final bit of news is that Bernie G8TB now has an E-Mail address of g8tb@tesco.net and is now learning how to get the better of Outlook Express.

Ray G4FFY

73 and 88

Posted: 29th May 2003

SRCC Subscription Renewal Form Jun 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

NOTES OF 3rd MEETING OF SRCC VHF FIELD DAY 2003 GROUP HELD ON MON 14 APR 2003

PRESENT: Bernard G8TB, John H G3BFP, Maurice G4DDY, Ray H G4FFY, Peter B G3ZPB, John G8MNY, John S G8IYS.

APOLS: Peter W G7PWV, Jim G4WYJ, Graham G3RJW, Ray P G3DVQ, Alun G4WGE, Robert M1MRS.

1. Action Points from previous meetings. The number allocated to an AP continues until discharge..

AP2. G8IYS to write to G4PIQ with aim of getting an explanation for the high percentage difference between claimed and accepted points. **AP2 abandoned.** It was agreed that no further action should be taken since points deducted are not necessarily down to our errors and may be down to just a very few disallowed high scoring contacts on each band. The meeting noted that the Club AGM was treated to a debate on this topic between the uninformed and the uninvolved.

AP6. G4DDY to report what failed with the phone system and what can be done. G4DDY said that the lack of diagrams is a serious stopper to progress. If all else fails then Field Telephones are available. It was agreed that links between 2m, 70cm & 23cm stations are very desirable. **AP6 Continued G4DDY.**

AP10. Nail down doubts about volts/waveform from generators. It was agreed that equipment, which is able to utilise a floated battery supply, is less prone to problems from supply variations. It was also accepted as less of a problem if we do not run high power. **AP10 discharged.** New AP 16 below under Para 4 'Generators'.

2. Equipment Review on a band-by-band basis. Overall Entry: MIX & MATCH.

6 meters. Restricted Section. 100 watts. IC756 PRO (with Voice CQer) from G4DDY. Antenna and feeder from G8MNY. Mechanical Rotator from G4DDY. 2 x 5m mast sections and gin pole for 6 metres are located at QTH G8IYS. Tabernacle and guys/guy rings believed to be with G4DDY. **AP11 (new) G4DDY** to confirm what mast etc bits he has. Accommodation is Tent via contact with G4WAY. This needs confirming with G4WAY.

2 meters. Restricted Section. All kit from G4WYJ – same as in 2002. **AP12 (new) G4WYJ** to confirm this with G8IYS. **AP13 (new) G4WYJ** to advise what his mast and rotator arrangements are. Accommodation is Tent via contact with G8TB, which may need collection from Coulsdon.

70 cm. Restricted Section. 100 watts. Driver Transceiver, Linear Amp, LDF4-50 main feeder and flexi tail from G8IYS. Voice CQer from G3ZPB. 27-ele loop yagi Antenna from G8MNY. Rotator (at top of main mast) and stub mast from G3ZPB. G8IYS confirms 2 x 5m mast sections, gin pole, tabernacle, all guys, guy rings and pickets for 70 cm are in his possession. Accommodation is G8IYS Trailer Tent.

23 cm. Low Power Section. 25 watts. Driver Transceiver and Linear Amp from G8MNY, 55 ele Antenna from G4WYJ. Main feeder, Mast & Rotator from G8MNY. **AP14 (new) G4WYJ** to advise style & gender of connector on his antenna to enable interfacing with main feeder. Accommodation is G8MNY Van.

G4WYJ will also bring to site an FT847 as a standby for all bands.

Poles. A total of 6 x 5 meter and 2 shorter length poles are at QTH G8IYS for the masts and gins for the 6m and 70cm stations. These need to be collected and delivered to site on or before Field Day. They were delivered to QTH G8IYS after last Field Day by G8MNY and G7PWV. G8MNY confirms he still has transport capability. **AP15 (new) G7PWV** to confirm with G8IYS that he is also able to transport some poles to site and, if so, when.

3. Toilet. G8IYS has discovered a serviceable chemical toilet in his loft. This and a tent will be available on site.

4. Generators. It was agreed that 1 generator will be provided by G4DDY – to provide power for the 2m and 23 cm stations and 1 generator will be provided by G3RJW – to provide power for the 6m and 70cm stations. A mains lamp to be provided on each to ease solution of night-time refuel/breakdown issues. **AP16 (new) G4DDY and G3RJW** to advise on means of getting the 2 generators to site and time delivery envisaged.

5. Site Access and Mark out. **AP17 (new) G8TB** to collect the key from the farm and mark out the field early Friday. G8MNY plans to arrive on site during Friday evening. It is anticipated that G4WYJ will do likewise.

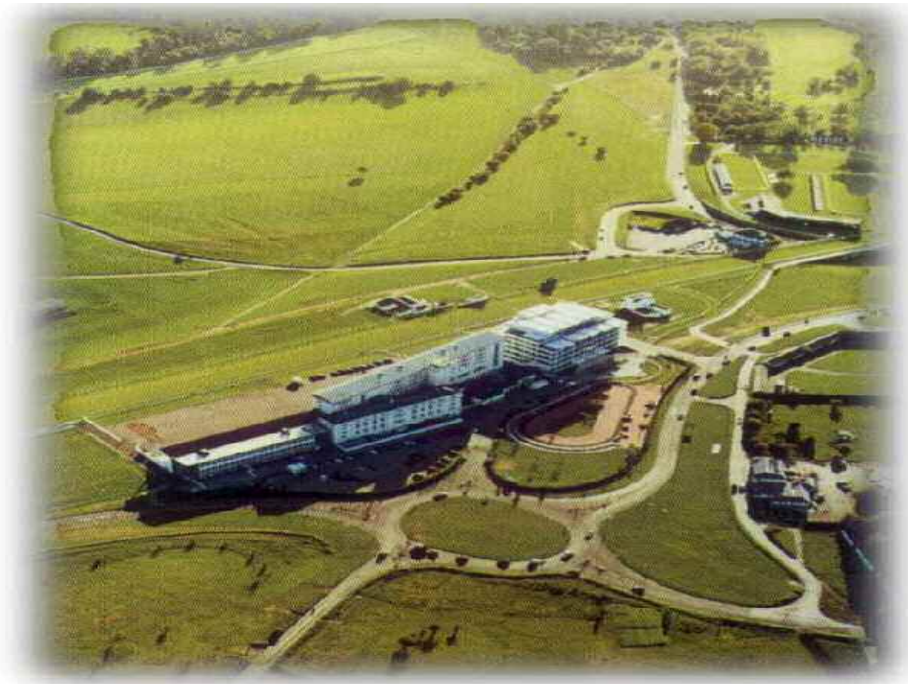
6. Site Registration. **AP 18 (new) G8IYS** to register our entry before 30 June deadline.

7. Next Meeting. This is scheduled for 8 pm Monday 23 June 2003 at QTH G8IYS – 18 Riding Hill, Sanderstead, South Croydon, CR2 9LN. Tel: 020 8657 0454. Mobile: 07889 339416, e-mail: johns@connectnet.org.uk.

John Simkins G8IYS, VHF Contest Coordinator, 22 May 2003.

EPSOM RADIO AND ELECTRONICS FAIR

IT'S BACK!!
BY POPULAR DEMAND...
THE EPSOM RADIO AND ELECTRONICS
FAIR.
SUNDAY 22nd JUNE 2003
RadioFairs



EPSOM GRANDSTAND
22nd June 2003

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

Epsom Rally Home Page Web Links (graphics removed as too big!!)

RSGB: <http://www.rsgb.org/>

Epsom Downs Racecourse: <http://www.epsomderby.co.uk/>

Moonraker: <http://www.amateurantennas.com/>

Martin Lynch: <http://www.mlands.co.uk/>

Sycom: <http://www.sycomcomp.co.uk/>

RNARS: <http://www.rnars.org.uk/>