



# SURREY RADIO CONTACT CLUB

## JUNE 2009 — No: 801

**CLUB NET** 1.905 MHz **Sunday 9:30am**  
**CLUB Natter Channel:** 144.215 MHz **Daily 7:30pm**  
**Slow Morse** 144.100 MHz **Wednesday 8pm**  
**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 7.30 FOR 7.45pm

### Meetings at Trinity School, Shirley Park, Croydon CR9 7AT

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**"A" MEETING 1<sup>st</sup> Jun 2009 Construction Contest**

**"B" MEETING 15<sup>th</sup> Jun 2009 FIX-IT, ADVICE, CHIN-WAG, CLUB STATION + "MOVE-IT-ON"**

Chairman & Club Meetings	G4FDN Pat McGuinness	020-8643 0491
Vice-Chairman & Publicity	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	G8IYS John Simkins	020-8657 0454
Committee Member	G3MCX John Kennedy	020-8688 3322
Committee Member	MOBIN Charles Rodgers	020-8679 1387

#### Dear Members & Friends

**H**ello and welcome to the June 2009 Newsletter which is being edited by Ray G4FFY whilst on holiday in North Devon. I had planned to do this prior to going on holiday but work commitments prevented me! Well today (Wednesday) it's a dismal day here with rain, sea fog, and wind buffeting the motor-caravan making it feel like a boat! So Caroline has been busy doing her school reports, and now it's my turn to edit the newsletter. This will be a quick one as I did not plan to disturb our holiday time with newsletter editing – we must all try and keep to the timescales I have set in future!

The month of May also saw me take out my first Great Rail tour for the summer season, which was a group of singles, a first for me. They were a smashing group though some were a bit prone to lose their balance and I did have to visit Interlaken Hospital on a couple of occasions. By the way the EHIC (E111 replacement) is a must – it opened all the doors in the hospital without charge, so don't forget yours when travelling in Europe. See [www.ehic.org](http://www.ehic.org)

Anyway to the Newsletter proper and once again we are indebted to Pat G4FDN, but firstly:

#### This month's meetings:

For the "A" meeting on Monday 1<sup>st</sup> June we are holding our annual Construction Contest with the regular "Fix-It" and "Move-It On" Meeting on Monday 15<sup>th</sup> June, both meetings at Trinity School. More about these below:

#### Trinity School Location Details:

<http://maps.google.co.uk/maps?near=cr9+7at&q=maps&f=p&btnG=Search+Maps&rl=1>

#### NEXT "A" MEETING: Monday 1<sup>st</sup> Jun 2009 Construction Contest

This is your annual opportunity to display any item you have constructed being Amateur Radio or not, woodwork, model engineering etc. Let's have lots of things you have made, including the SMD Dummy Loads, to make this a very interesting evening. Those entering will be asked to say a few words about their entries. This helps to break the ice. If there are enough entries there will be several sections Major, Minor, Club Project and non Radio. The Dave Deacon Coronation Cup and the Basil Wardman Tankard will be presented along with cash prizes. Members will vote for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> in each section. When deciding your vote please take into account the facilities available, the technical standing of the constructor and give more weight to the 14 year old over the professional engineer! Rules: Entries must not have won an SRCC contest before. Kits may be entered but you must say. Come along and support all the people who enter the competition.

#### NEXT "B" MTG: Monday 15<sup>th</sup> Jun 2009: 7.45pm FIX-IT, Advice, Chin-Wag & "MOVE-IT-ON"

**T**he "B" meeting on Monday 15<sup>th</sup> Jun at Trinity School is 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 - rigs, PCs, whatever! The collective heads at the meeting usually come up with something.

**LAST "A" MTG Monday 11th May 2009**  
**SMD Master Class & Project Constructing**

I was unable to attend this meeting so please see Pat's blog below for a write up on this meeting. I will insert some pictures next month when I should be back on a broadband!

**The CHAIRMAN's BLOG - Jun 2009**



**Last 'A' Meeting SMD Masterclass:**

Gareth G4XAT kindly led this event, held over from the cancelled February meeting. Since I've known Gareth I have always found his presentations and talks not only very interesting but well structured and presented and easy to follow. I guess it

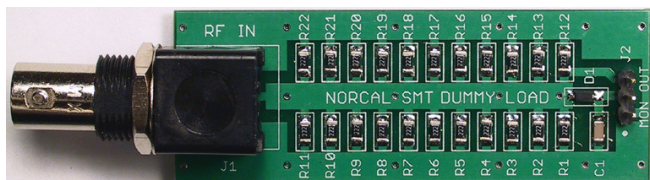
comes with the profession of being a teacher. The SMD Masterclass was no exception.

To aid the presentation and demonstration Gareth had obtained a PC microscope so the audience could see in close up all the techniques he used for soldering different types and sizes of SMD components as well as removing excess solder. There was some new jargon to learn also. For example, 'tombstoning', where the force from the soldering iron can cause the SMD component to stand up on end. Gareth had also brought along various examples of kit he had constructed using SMD components.

The 'hands on' part of the evening had willing participants constructing a low power 50 Ohm dummy load/power meter. The design was Gareth's interpretation of the NorCal SMT Dummy Load. With 44 SMD resistors there was plenty of practice to be had getting it right. Details of the NorCal design are located here:

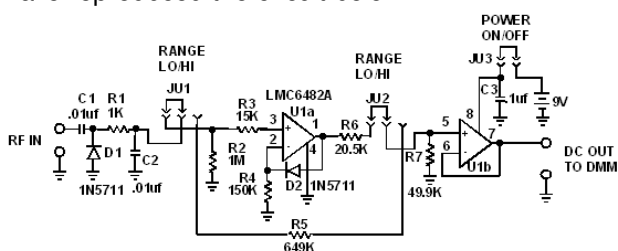
<http://www.norcalgrp.org/ncdummyload.htm>.

The finished item looks like this:



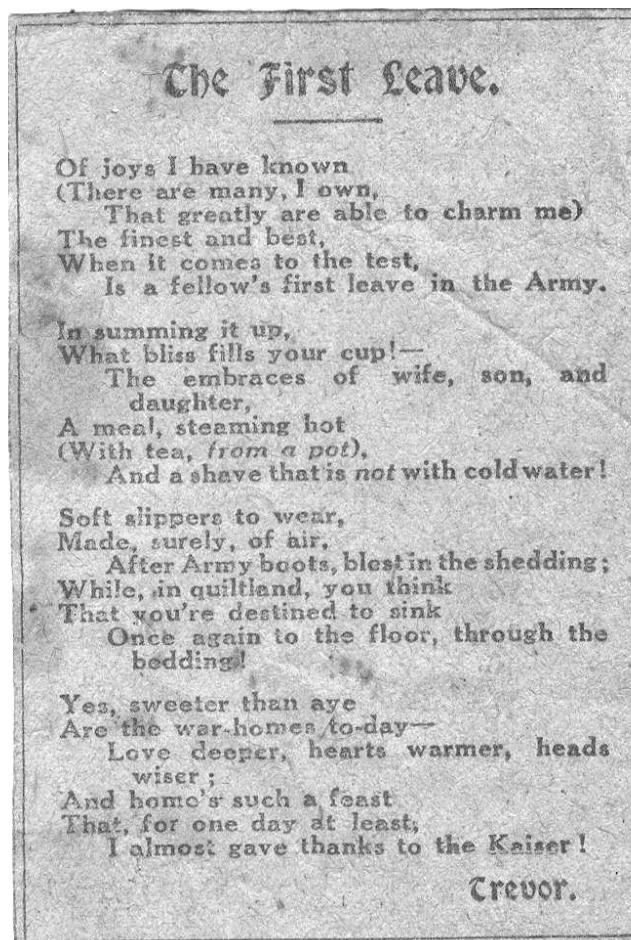
Gareth's version used single sided construction - unlike the NorCal one which used a double sided board. While looking up the above link on the internet I came across a use potential add on which extended the useful sensitivity of the diode detector down to around 50uW. It is called the Accuprobe and originated from the North Texas QRP Club. Full details are available here:

[http://www.kk5na.com/kk5na\\_files/accuprobe.htm](http://www.kk5na.com/kk5na_files/accuprobe.htm) but I have reproduced the circuit below:



NB: C1 & D1 are part of the dummy load circuit. On the evening Charles MOBIN took a lot of photographs of all the kit that had been brought along together with the constructing so I am expecting our editor will massage these into the newsletter. Gareth is to be congratulated for increasing the SMD skill level and knowledge of club members.

**The thing you find under floorboards:** For those members who listen on the club net you will know I have been doing a lot of flooring replacement recently at home. The house was built in 1929 but underneath one of the boards I found this newspaper clipping of a war poem. Initially I thought it was from WW2 but when I reached the last line it was obvious it was from WW1. Perhaps one of the house's previous owners was a WW1 veteran? Anyway, here is the poem called "The First Leave":



I'm sure all the ex-servicemen in the club can empathise with the sentiment.

**Operating news:** I haven't done much transmitting this month but I noticed that the higher HF bands, 15, 12 & 10m have been open until well into the evening most of this last week. I heard several South American stations on 15m, but mostly only Europeans on 10m.

John G3BFP has been as active as always and shared his latest scores with me via e-mail On QRP with his FT-817, working Nigeria and Saudi Arabia for his 91<sup>st</sup> & 92<sup>nd</sup> countries with that rig. On his main rig John has also worked JR2BYJ on 17m, 4K9W, JY4NE, & 4J9M on 15m, ET3JA, 5N0OCH,

AO8DMR, XU7MDY and FM5LD on 20m, and SO4R, A61Q, 8P6DR, and 4J9M on 30m, just to mention a few from his log! It would be interesting to have some additional operating reports from members – any volunteers?

Well that's all I have time to scribble this month. Looking forward to seeing you all at the Construction Contest next Monday, and finding out who made the best 50 Ohm SMD dummy load.

73, Pat G4FDN

25th May 2009

## THE CALENDAR SECTION

### SRCC and Local Club Meeting Dates:

<b>1<sup>st</sup> Jun</b>	<b>Construction Contest</b>
4 <sup>th</sup> Jun	Sutton & Cheam RS – 'Natter Night'. Meetings <b>CANCELLED</b> @ Vice Presidents Lounge, Sutton United Football Club, Gander Green Lane, Sutton – 8pm. Sec: John G0BWV 020-8644 9945 <a href="http://www.scrs.org.uk">www.scrs.org.uk</a>
5 <sup>th</sup> Jun	Crystal Palace: The History of Audio Recording by Jon Weller G0GNA@ All Saints Church Parish Rooms, Beulah Hill from 7:30pm. Bob G3OOU 01737 552170 (Meet monthly on 1 <sup>st</sup> Friday) <a href="http://www.g3oou.co.uk/">http://www.g3oou.co.uk/</a>
8 <sup>th</sup> Jun	CATS: Software Defined Radio with Jan Verduyn G0BBL – Meetings normally held @ St. Swithun's Church Hall, Grovelands Rd, Purley 8pm 2 <sup>nd</sup> Monday's. Contact Andy Jackson G8JAC on 020-8651 2727 <a href="mailto:g8jac@btinternet.com">g8jac@btinternet.com</a>
12 <sup>th</sup> Jun	W&DARS: Commercial Satellite Communications with Peter Beardow G1SHV @ Martin Way Methodist Church, Buckleigh Avenue, MERTON PARK SW20 9JZ – 7.30 for 8pm 2 <sup>nd</sup> & last Friday's Details: Jim M0CON on 020-8874 7456 <a href="http://www.gx3wim.org.uk/">http://www.gx3wim.org.uk/</a>
<b>15<sup>th</sup> Jun</b>	<b>Fix-It, Advice, Chin-Wag, Move-It-On</b>
16 <sup>th</sup> Jun	Bromley & District – Meetings normally on 3rd Tuesday's @ Victory Social Club, Kechill Gardens, Hayes – 7.30 for 8. Paul M3PGW <a href="mailto:bdars@greenwand.net">bdars@greenwand.net</a> or <a href="http://www.bdars.org.uk">www.bdars.org.uk</a>
18 <sup>th</sup> Jun	Sutton & Cheam RS – "Frequency Standards" with Mike O'Beirne G8MOB @ 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> Jun	Reigate Amateur Transmitting Society – Main meeting 3 <sup>rd</sup> Thursday's at RNIB, Redhill College, Philanthropic Road, Redhill 7.30pm. <a href="http://www.qsl.net/rats">www.qsl.net/rats</a> or <a href="mailto:rats@qsl.net">rats@qsl.net</a>
23 <sup>rd</sup> Jun	Dorking & District Radio Society – Visit to Mullards Space Science Research Laboratory. Meetings normally @ Friends Meeting House, Butterhill South Street, Dorking – opp. Spotted Dog. Details: David Smith M0SXD on 07808 579501, <a href="http://www.ddrs.org.uk">http://www.ddrs.org.uk</a> or <a href="mailto:ddrs.secretary@yahoo.co.uk">ddrs.secretary@yahoo.co.uk</a>
26 <sup>th</sup> Jun	W&DARS: Construction Evening @ Martin Way Methodist Church, Buckleigh Avenue, MERTON PARK SW20 9JZ – 7.30 for 8pm 2 <sup>nd</sup> & last Friday's Details: Jim M0CON on 020-8874 7456 <a href="http://www.gx3wim.org.uk/">http://www.gx3wim.org.uk/</a>
<b>4<sup>th</sup>-5<sup>th</sup> Jul</b>	<b>VHF NFD 2009 - contact John G8IYS</b>
<b>6<sup>th</sup> Jul</b>	<b>BBQ</b>
<b>3<sup>rd</sup> Aug</b>	<b>Meccano with Alan Burman</b>
<b>7<sup>th</sup> Sep</b>	<b>TBA</b>
<b>26<sup>th</sup> Sep</b>	<b>Club Dinner</b>

## 5<sup>th</sup> Oct Autumn Surplus Equipment Sale

SRCC Meetings indicated in **BOLD** at venue of Trinity School

### Rally Calendar, etc:

14 <sup>th</sup> Jun	<b>Newhaven Fort Amateur Radio Group Rally</b> - Newhaven Fort, East Sussex. Open 10:30. Parking, boot sale, disabled facilities, family attractions, catering. Contact Eddie G0ECW, 01273 300772 or <a href="mailto:eddie@zamboodle.demon.co.uk">eddie@zamboodle.demon.co.uk</a>
21 <sup>st</sup> Jun	<b>Newbury Radio Rally &amp; Boot Sale</b> – Newbury Showground, M4 J13. Open 09:00 Free Parking, trade stands, catering, disabled facilities. Contact: <a href="mailto:rally@nadars.org.uk">rally@nadars.org.uk</a>
26 <sup>th</sup> -28 <sup>th</sup> Jun	<b>Hamtronic Show – Friedrichshafen Messe</b> Friedrichshafen, Germany. <a href="http://www.hamradio-friedrichshafen.de/html/en">www.hamradio-friedrichshafen.de/html/en</a>
12 <sup>th</sup> Jul	<b>McMichael Rally &amp; Boot Sale</b> – Reading Rugby Club off A4 East of Reading. Open 09:00, parking, trade stands, catering. Contact <a href="mailto:g0jms@radarc.org">g0jms@radarc.org</a>
30 <sup>th</sup> Aug	<b>Milton Keynes 51<sup>st</sup> Amateur Radio Society Rally</b> - Holne Chase School, Buckingham Road, Bletchley MK3 5HP. Open 09:00 trade stands, catering. Contact: Mike G3LFR: 07866 673192 or <a href="http://www.mkars.org.uk">www.mkars.org.uk</a>
27 <sup>th</sup> Sep	<b>Autumn West London Radio &amp; Electronics Show</b> at Kempton Park – <a href="http://www.radiofairs.co.uk">www.radiofairs.co.uk</a> – Lecture stream – Opens 10am - £4
Rally List	<a href="http://www.rsgb.org/events/index.php">http://www.rsgb.org/events/index.php</a>

### Web-Site of the Month

From Charles M0BIN this month take a look at:

W8WWV - S-Meter:

<http://www.seed-solutions.com/gregordy/Amateur%20Radio/Experimentation/SMeterBlues.htm>

### Member's News - Mike Sesemann G4WII

It is with sadness that I have to pass on the following news:

"Dear Sir

I'm sorry to tell you that my father passed away on Friday 17<sup>th</sup> April – he suffered a very serious stroke 2 weeks earlier and died peacefully in hospital.

Regards

Andrew Sesemann"

Mike had been a member of the club for many years though we had not seen much of him in the last few years. Our sympathies and thoughts are extended to the family at this sad time.

### SIGNING OFF:

That's it for this month, apologies if I have missed anything which is highly likely as not being at home when compiling this newsletter. Will be up to our usual standard next month when I shall have more time to compile the material and insert pictures (a bit limited this time as only having dial-up speeds on holiday).

For our main meeting on Jun 1<sup>st</sup> we are holding our annual Construction Contest.

The "B" meeting is on June 15th. Don't forget we now start at 7:45pm at Trinity School.

*Roy* G4FFY

73 and 88

Posted: 28<sup>th</sup> May 2009