



SURREY RADIO CONTACT CLUB

MAY 2010 — No: 812

CLUB NET 1.905 MHz Sunday 9:30am
CLUB NET 145.35 MHz +/- 25kHz Friday 8.00pm

Hon. Sec. Ray Howells G4FFY
16 Handel Walk
TONBRIDGE
Kent TN10 4DG
01732 357474

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

E-Mail: secretary@g3src.org.uk

MONTHLY MEETINGS 1ST AND 3RD MONDAYS 7.30 FOR 7.45pm

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

"A" MEETING 10th May 2010 High Power LED Lighting Project Constructing Evening

"B" MEETING 24th May 2010 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 | 01732 357474 |
| VHF Co-ordinator | G8IYS John Simkins | 020 8657 0454 |
| Committee Member | G3MCX John Kennedy | 020 8688 3322 |
| Committee Member - Technical | G4XAT Gareth Evans | 020 8462 2837 |
| Committee Member | G4FYF Steve Jones | 01689 845568 |
| Recycling | G4DDY Maurice Fagg | 020 8669 1480 |

Dear Members & Friends

Hello and welcome to the May 2010 Newsletter which is being edited Ray G4FFY. The sunny weather of last weekend saw us in our Motor Caravan in the New Forest – somewhat drier than a few weeks ago. Kempton Show has been and come and was a great day, the weather was brilliant. Now have a couple of Great Rail trips in May, one to Torquay and Falmouth; the other to Switzerland when we visit Montreux and the Nestle Chocolate factory in Broc.

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

73 Ray G4FFY

This month's meetings:

For the "A" meeting on Monday 10th May we will be holding the High Power LED Lighting Project Construction evening led by Gareth G4XAT.

The other meeting this month is the regular "Fix-It" and "Move-It On" Meeting on Monday 24th May at Trinity School. More about these below:

NEXT "A" MEETING: Monday 10th May 2010 High Power LED Lighting Project Constructing



"Next months A meeting is our annual construction evening where this year we are experimenting with power LEDs and the joys of a global economy, at the same time some members will be building small "joule thief" torches which literally suck the last remnants of energy out of supposedly 'flat' AA cells.

As is normal for these evening, sufficient soldering irons and tools will be available, but you are of course welcome to bring your own preferred kit. Pre-ordered kits of parts will be available as ordered (exact cash please) and whilst there may be a few spare joule thief kits for sale, it will not be an unlimited supply on the night. You can phone or email Gareth G4XAT up until around Wednesday and add your request to the list, but after that is unreasonable as I have to order in some parts and I am busy at the weekend.

Should be an illuminating evening! See you there.
{Editor's Note: See last month's Newsletter for further details}

Gareth, G4XAT."

NEXT "B" MTG: Monday 24th May 2010: 7.45pm FIX-IT, Advice, Chin-Wag & "MOVE-IT-ON"

The "B" meeting on Monday 26th April 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" MEETING: Monday 12th Apr 2010 70th ANNUAL GENERAL MEETING

1. The Chairman, Pat McGuinness G4FDN, having ascertained that there were no more nominations for committee, declared the **meeting open at 7.56pm** with 17 members in attendance. Apologies for absence received from Prue Glaisher G4RWW, Phil Manning G1LKJ, and Peter Burton G3ZPB.

2. The Chairman asked if there were any matters regarding the circulated **minutes of the 69th AGM** held on 6th April 2009. There was none and they were accepted without dissent following an acceptance proposal from Gareth Evans G4XAT, seconded by John Kennedy G3MCX.

3. CHAIRMAN'S ADDRESS: Pat McGuinness G4FDN

The **Chairman** Pat G4FDN started his report by indicating that before covering a review of the past year he wished to cover a number of issues first.

i) **Updated membership List** – this has been a general burden on the committee with records split between paper and computer. The lack of a list may have had a possible side effect on subscriptions levels but we are still attracting new members but one or two have moved away, plus one or two silent keys. Pat explained that a list had now been distributed to the committee due to the work of Roger Holyoake G4WAY, and subject to further checking a revised list should be distributed with the next Newsletter.

ii) **75th Anniversary Lunch 10 Oct 2010 – Holiday Inn, Sutton.** The club was very grateful to John Kennedy G3MCX for progressing this event, which had also helped to prove the accuracy of the membership list. 40 or more would be coming. Outstanding actions concerned the menu; a static display – for which material and assembly help was requested including an appeal for old photographs; and a QSL collection of all club members past and present.

iii) **AGM & Meeting Structure** – this has been fixed for many years and Pat invited discussion if it is still fit for purpose. The Committee was always open to suggestions for talks, etc.

iv) **Club Nets** – Pat noted that the 2M Friday evening net attracted between 4 to 7 members, whilst the Sunday morning Top Band net attracted between 4 to 20 members. The 2M net allows those members who can't get onto Top Band to take part and following discussion it was agreed to try a starting time of 9pm from 23rd April 2010.

Review of the Year

- **Kempton Rally** – SRCC supported this event twice a year and is a significant contribution to Club Funds and will continue to support
- **Surplus Equipment Sales** – the Club was worried about last October sale when there was a shortage of buyers and equipment, but the recent March sale turned it around. Pat hoped the same atmosphere and spirit would be maintained for the forthcoming sales. He suggested that they should be treated as a Church Sale – charitable event for the Club.
- **Talks and Events** – Pat then reminded the meeting of the Construction Evening, Construction Contest, Club BBQ and Club Dinner. The lecture season then runs from August to February which for the last year was: August – Mecanno, very good and well

supported; September – Pat himself gave a presentation of GPS entitled "Clocks in Space"; November – Ray Howells G4FFY gave a talk on Digital Photography; December – John Stockley G8MNY gave a talk on ATV and latest developments; January Gareth Evans G4XAT gave a presentation on high power LEDs; and in February John G8MNY was welcomed back for a talk on Packet Radio and ASCII Graphics.

- **VHF NFD** – Pat invited John Simkins G8IYS to give a brief summary where he reported that the North East Surrey Contest Group, an alliance of Addiscombe, Wimbledon, CATS and Sutton clubs, came 2nd in the restricted section. The first meeting for the 2010 event would be scheduled shortly.
- **Club BBQ** – Pat, on behalf of the Club, extended thanks to Prim Fagg G4CCY and Maurice Fagg G4DDY for hosting an enjoyable and excellent event.

In closing Pat thanked all of the committee for what they do and to the new members on the committee.

4. TREASURER'S REPORT: Maurice Fagg G4DDY

Maurice Fagg G4DDY presented the accounts for 2009/2010 concluding that the subs would remain at their current levels for this coming year. Maurice thanked those members that give donations in addition to their subscriptions.

In response to questions, Maurice reported that the October Surplus Equipment Sale raised £25, other donations and sales raised over £1000 whilst subscriptions brings in about £500. The excellent relationship with Trinity kept meeting costs to £30 per evening - £720 a year.

Maurice further reported that the accounts are now kept on a spreadsheet which the examiners welcomed and expressed their view that the accounts were in a good order.

The Treasurer's Report was accepted unanimously following a proposal for acceptance by John Headland G3BFP and seconded by Peter Woolhouse G7PWV.

It was noted that the independent examiners were Peter Woolhouse G7PWV and John Mathews G3ENG and a vote of thanks was proposed by John Kennedy G3MCX, seconded by Gareth Evans G4XAT and carried unanimously.

A vote of thanks to Prim Fagg G4CCY and Maurice Fagg G4DDY for their hospitality and excellent presentation of the accounts was proposed by Charles Rodgers M0BIN and carried unanimously.

5. Appointment of Scrutineers for Election: Not needed as the nominations matched exactly the number of posts.

6. Election of Secretary: Ray Howells G4FFY was proposed by John Stockley G8MNY, seconded by Bernie Wynn G8TB, and there being no other nominations it was carried without dissent.

7. Election of Committee: For the 7 posts there were 7 nominations being Maurice Fagg G4DDY, Roger Holyoake G4WAY, Pat McGuinness G4FDN, John Kennedy G3MCX, Gareth Evans G4XAT, John Simkins G8IYS and Steve Jones G4FYF. No election was required.

8. Election of Treasurer, Chairman and Vice-Chairman.

Treasurer: Maurice Fagg G4DDY was proposed by John Simkins G8IYS, seconded by Alvin Challen G6DTW, and carried.

Chairman: Pat McGuinness G4FDN was proposed by John Kennedy G3MCX, seconded by Peter Woolhouse G7PWV, and carried.

Vice-Chairman: Roger Holyoake G4WAY was proposed by Maurice Fagg G4DDY, seconded by John Mathews G3ENG, and carried.

9. Appointment of independent Examiners for 2008/2009.
John Mathews G3ENG and Peter Woolhouse G7PWV were appointed.

10. Presentation of Awards.

For the Awards, it was noted that these would be presented at another meeting but would be as follows:

- Johnny Hayden Rose Bowl – John Kennedy G3MCX
- Sutton Trophy (CW Cup) – Alun Cross G4WGE
- SRCC Club Cup – John Stockley G8MNY

11. Any Other Business

For **AOB** the following topics were raised with the following discussion.

Club Project Construction Evening – Gareth Evans G4XAT explained that there were two options:

- i – Joule Thief kit of parts for £2.00
- ii – China driver PCB, 3-watt Power LED, Resistor, POT & Knob, fanned heatsink, piece of aluminium, nut and bolt.

Sutton Model Engineering Club – it was reported that their 75th Anniversary would be held on 16th May 2010 with the public opening being between 2 & 5pm. GX3SRC Special Event station would be optional.

The **AGM Meeting** was formally closed at 10:12pm.

Draft Minutes to be agreed at 71st AGM Ray G4FFY

Chairman's Blog – Apr 2010



Last 'A' Meeting Annual General Meeting: As Ray will probably have reported this attracted a respectable turnout and I was particularly pleased that we were able to elect a full committee, with Steve G4FYF joining the existing committee members who were also re-elected. For the Chairman's report I did not use a PowerPoint presentation this year to give visualisation, as I had done previously, following feedback that some members didn't particularly like PowerPoint led presentations. However, I think I will re-instate it for next year as latest feedback indicates that more people prefer it than dislike it, - goes to show you can't please everyone. It was decided at the AGM that awards and cups would be presented at the Construction Contest meeting in June.



AGM in progress with G4DDY, G4FDN & G4FFY at table (courtesy of G8MNY)

Kempton Park Radio Fair 18th April: This was supported by Maurice G4DDY, myself, Gareth G4XAT, and John G3ENG who helped with the unloading and setup in the morning. As has been the case for many a long year Maurice provided the transport and prior storage for all kit being brought along. The weather couldn't have been better being sunny and warm for most of the day. There is nothing worse than trying to load and unload in pouring rain. Kempton itself was well attended and by 11am it was shoulder to shoulder around the SRCC tables. The popularity of this end of the hall with the club stands has attracted the attention of organiser Paul Berkeley M0CJX, who apparently wants to spread the clubs around the hall to reduce the crowding. I think he will find some reluctance, if not resistance, from SRCC at least, to change to a position further down the hall, and hope our Secretary Ray G4FFY, also one of the Kempton Radio Fair organisers, will be able to persuade Paul to re-think this idea.



The happy SRCC sales team: G4FDN, G4XAT and G4DDY

There were certainly some bargains to be had at Kempton, and the best one I found was a reel of RG8/X, also known as mini RG8. I got a new 100m reel for £10! I noticed this was going on the Moonraker stand for £60. I'm surprised that no one noticed it before me, but perhaps being on the floor on the side of the seller's stand, it went unnoticed by most people.



John G8MNY demonstrating on the Home Counties ATV Club stand

Sandpiper Aerials did brisk business with their telescopic fibreglass poles (from 3m to 10m and £3 to £20 in price). I have used these for several years for portable HF use while on holiday in the USA or Ireland, and Sandpiper's price seems to be the keenest around.



Kempton: a view across the hall



Alvin G6DTW manning his own table

Valve construction must be making a comeback as the SRCC stand sold a considerable quantity of both valves and valve holders –the latter going from 50p to a £1 depending on whether used or new.



A scrum for the valve bargains on the SRCC stand with G4XAT & G4DDY attending

Overall the event was a financial success for the club with Maurice G4DDY reporting that we raised £300 from commission and donated items. Thanks again to John G8MNY for some of the photos.

2M FM Net Friday evenings: The timing of this was discussed at the AGM and a majority of people who wanted to participate, preferred a later time and it was agreed that this will shift from 8pm currently, to 9pm starting the 30th April. Because of the timing of the May newsletter and Bank Holiday, an e-mail reminder about the change was sent out to all members on the 27th April. The frequency and mode remain unchanged: FM on 145.35MHz (+ or – 25kHz if busy or QRM)

Request for memorabilia of club interest: I have previously requested members to identify and loan old photos of club interest that can be included in the 75th anniversary commemorative newsletter and displays. I'm widening this request to include QSLs of old departed members, magazine and/or newspaper articles. These will be carefully copied and then returned to owners, so please start looking!

Operating: John G3BFP, as usual, e-mailed me recently with a new log extract:

*"Hi Pat
Thought I would send you this to show that the rig is once again, working. Not a lot but I enjoyed chasing some of them. No new countries as such but did increase by one the totals on 7MHz and 18MHz.
Hope you have a good day at Kempton and sell some of Maurice's gear.*

*Cheers
John"*

Bands worked were from 40m to 17m, and stations worked included: 40m: LZ2NG, YI9PSE (Iraq) EX2A (Kyrgyzstan), A61Q (United Arab Emirates), 30m: OM3CAQ, SV9/OH1VR, 20m: 9M6XRO (Malaysia), 17m: A92GE (Bahrain), HS0ZEA (Thailand). That's all from me this month. Looking forward to seeing you all next Monday 10th May, at the Construction Evening.

73, Pat G4FDN

27th Apr 2010

Operating Report & News - Ted Jones G3EUE

Ted G3EUE kindly sent me the following e-mail:

"Dear Ray,
Many thanks for your note - have been following your journeys with great interest. In December we went to Austria with a local coach company and the trip included a train trip by mountain railway up to Arosa - plenty of snow but not where we were staying. Went to Friedrichshaven to visit the Zeppelin museum which had some interesting wireless equipment on display. Having enquired about copy dates I thought I ought to follow it up! We are off to the Scilly Isles next week so my note is a bit early.

Band report - mainly CW and mostly only heard:-

13 metres: 4X6SP

15 metres: ZS2DL

RW9QA

JA3YBK

7C4LI

5N7M

3B8MM

7Z1SL

17 metres: JK6AWQ

A92GR (worked SSB)

DU9/DL5?

Y19PSE

PP1CZ

UA0AU

5B/OM2AQ

One strange one and I was wondering if anyone can throw any light on it? I heard a station signing BU2AQ. Transmitted for a short period; it didn't sound right but was at a time when there were other stations on from Asia. Didn't call CQ or work anyone. If genuine, then it's a first for me to hear a station from Taiwan.

The only other spot of family news is that on Friday Daphne and I had a helicopter trip from Shoreham as a present from the family to mark our big wedding anniversary. A great trip and managed to visit three local farms which are run by the "family at large". On landing I was admiring the pilot's headset which was a Bose. He mentioned that it needed servicing so I kindly offered to take it off his hands if it was faulty. He thought it was a good try but as the kit cost £800 he declined the offer. What was interesting was the headband. A very substantial "girder" construction but hinged in the middle, so, unlike our usual ones, it doesn't clamp to the head. Something to put on the Xmas list.

All the best,

Ted G3EUE 18th April 2010"

THE CALENDAR SECTION

SRCC and Local Club Meeting Dates:

| | |
|----------------------|--|
| 6 th May | Sutton & Cheam RS – 'Natter Night' @ Vice Presidents Lounge, Sutton United Football Club, Gander Green Lane, Sutton –8pm. Sec: John GOBWW 020-8644 9945 www.scrs.org.uk |
| 7 th May | Crystal Palace: An Introduction to the Foundation Licence @ All Saints Church Parish Rooms, Beulah Hill from 7:30pm. Bob G3OOU 01737 552170 (Meet normally monthly on 1 st Friday) http://www.g3oou.co.uk/ |
| 10 th May | Project Constructing Project Evening |
| 10 th May | CATS: DVD evening: Part 2 of the Bletchley Park story + Mullard Valves– Meetings normally held @ St. Swithun's Church Hall, Grovelands Rd, Purley 8pm 2 nd Monday's. Contact Andy Jackson G8JAC on 020-8651 2727 g8jac@btinternet.com |
| 14 th May | W&DARS: Direction Finding Hunt @ Martin Way Methodist Church, Buckleigh Avenue, MERTON PARK SW20 9JZ – 7.30 for 8pm 2 nd & last Friday's Details: Jim M0CON on 020-8874 7456 http://www.gx3wim.org.uk/ |
| 18 th May | Bromley & District – EMC. Meetings normally on 3rd Tuesday's @ Victory Social Club, Kechill Gardens, Hayes – 7.30 for 8. Paul M3PGW bdars@greenwand.net or www.bdars.org.uk |
| 20 th May | Reigate Amateur Transmitting Society – Main meeting 3 rd Thursday's at RNIB, Redhill College, Philanthropic Road, Redhill 7.30pm. www.qsl.net/rats or rats@qsl.net |

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|----------------------|--|
| 20 th May | Sutton & Cheam RS – AGM @ Vice Presidents Lounge, Sutton United Football Club, Gander Green Lane, Sutton – 7.30 for 8pm. Sec: John GOBWW 020-8644 9945 www.scrs.org.uk |
| 24 th May | Fix-It, Advice, Chin-Wag, Move-It-On |
| 25 th May | Dorking & District Radio Society – British Army Battlefield radios of the 1940s. Meetings normally @ Friends Meeting House, Butterhill South Street, Dorking – opp. Spotted Dog. Details: David Smith M0SXD on 07808 579501, http://www.ddrs.org.uk or ddrs.secretary@yahoo.co.uk |
| 28 th May | W&DARS: Vintage Rig Evening @ Martin Way Methodist Church, Buckleigh Avenue, MERTON PARK SW20 9JZ – 7.30 for 8pm 2 nd & last Friday's Details: Jim M0CON on 020-8874 7456 http://www.gx3wim.org.uk/ |
| 7 th Jun | Construction Contest |
| 5 th Jul | Summer BBQ |
| 2 nd Aug | TBA |
| 6 th Sep | TBA |
| 4 th Oct | Autumn Surplus Equipment Sale |
| 10 th Oct | 75th Anniversary Lunch – Sutton Holiday Inn |
| 1 st Nov | TBA |

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

Rally Calendar, etc:

| | |
|--|--|
| 23 rd May | Dunstable Downs RC National Amateur Radio Car Boot Sale. Stockwood Park, Luton, M1 J10 Open 09:00. Talk in on S22 www.ddrcbootsale.org |
| 6 th Jun | Newhaven Fort Amateur Radio Group Rally Newhaven Fort, East Sussex Open 10:30. Parking, boot sale, disabled facilities, family attractions, catering Contact Eddie G0ECW, 01273300772 or eddie@zamboodle.demon.co.uk |
| 13 th Jun | East Suffolk Wireless Revival Orwell Crossing Lorry Park, A14 Eastbound, Nacton, Ipswich, Suffolk IP10 0DD Car Boot Sale, Bring & Buy Sale http://www.eswr.org.uk/ |
| 20 th Jun | Newbury Radio Rally & Boot Sale Newbury Showground, M4 J13. Open 09:00. Free parking, trade stands, catering, disabled facilities. Contact rally@nadars.org.uk http://www.nadars.org.uk/ |
| 25 th -27 th Jun | Hamtronic Show, Friedrichshafen Messe Friedrichshafen, Germany http://www.hamradio-friedrichshafen.de/ham-en/index.php |
| Rally List | http://www.rsgb.org/events/index.php |

SIGNING OFF:

That's it for this month, apologies if I have missed anything while compiling this newsletter. For our main meeting on May 10th it is the Project Constructing Evening – please make sure Gareth has your order by Wednesday 5th May. The "B" meeting is on May 24th. Don't forget we now start at 7:45pm at Trinity School.

Many thanks for the Newsletter contribution from Pat G4FDN and Ted G3EUE – more always welcomed.

Ray G4FFY

73 and 88

Posted: 4th May 2010

DORKING AND DISTRICT RADIO SOCIETY

An open meeting on **25 MAY** when the talk will be

British Army Battlefield Radios of the 1940s

An illustrated talk

by

Anthony Davies

(Emeritus Professor, King's College London and Visiting Professor, Kingston University)

The needs of World War Two provided an exceptional stimulus for major and rapid innovations in electronics and radio technology and this was reflected in the designs of battlefield radios for the British Army.

The talk will be a mainly-non-technical description of the wireless communications facilities provided for the battlefield environment, primarily by showing extensive photographs of actual equipment. At the time, there were many small companies in Britain capable of quickly producing new designs with innovative features. The resources for the required large scale production were not available, and so manufacture of some of the wireless sets was subcontracted to companies in USA and Canada, the WS 19 tank set being the best known of these.

At the start of World War Two, the sets available to the Royal Signals were heavy, they were very inefficient by modern standards so battery supply and replacement was a continuing need, frequency drift was a major operational problem and they used the low h.f. bands (for example. 2 to 9 MHz) where interference of various kinds was significant. The US Signal Corps had, for the most part, changed to v.h.f. with frequency modulation but there was neither the time nor the resources for the British to start this change until the closing days of World War Two, by which time, much lighter, tropicalised, hermetically-sealed, easy-to operate sets with a small number of crystal-controlled channels were being developed, and eventually a few sets emerged which became standardised throughout NATO (for example the SCR 300 / WS 31).

Tony has given this talk to a number of professional bodies in the UK and in Europe. We would like to extend a special invitation to members of neighbouring radio societies to join us for what promises to be a fascinating talk.

Please encourage friends and fellow enthusiasts to come too.

Friends' Meeting House, Butter Hill, Dorking at 7.45pm

Map at: www.dorking.quaker.eu.org/findus.php

Garth Swanson - G3NPC

Programme Secretary

Dorking and District Radio Society(DDRS)

G3NPC@swansons.org.uk