



SURREY RADIO CONTACT CLUB

SEPTEMBER 2000 — No: 696

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> **or**
<http://www.srcc.freemove.co.uk/>

Hon. Sec. Ray Howells G4FFY
 9 Aultone Way
 SUTTON
 Surrey SM1 3LD
 020-8644 7589
 E-Mail: secretary@g3src.org.uk
or secretary@srcc.freemove.co.uk

MONTHLY MEETINGS 1ST AND 3RD MONDAYS 7.45 FOR 8pm
 AT THE T.S. TERRA NOVA, 34 THE WALDRONS, SOUTH CROYDON

“A” MEETING 4th Sep 2000 Short Talks: “G8TB at WAR” & G4FFY “Re-vamped WEB site”
“B” MEETING 18th Sep 2000 FIX-IT and ADVICE CLINIC, CHIN-WAG & CLUB STATION

Chairman	G3RJW Graham Marshall	020-8669 8722
Vice-Chairman	GOPAR David How	020-8761 2954
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	G3ZPB Peter Burton	01737-551413
	G4XAT Gareth Evans	020-8462 2837

Dear Members

Hello and welcome to the Sep 2000 newsletter, which I need to finish over the Bank Holiday to give to you all enough notice about not just the next “A” meeting; but also that SRCC together with the RTCG Amateur Radio Club are planning to enter the HF NFD SSB Contest on 2/3rd September using the callsign M0RCA/P. (I left this out of last month’s Newsletter!)

For this month’s “A” meeting on Monday 4th September we are holding a Short Talks evening where you will have the pleasure of hearing about Bernie G8TB’s War exploits, and yours truly on the re-vamped SRCC Web site to be launched. For our “B” meeting we have the regular “Fix-it” evening on Monday 18th September.

NEXT MEETING:

“A” Meeting Monday 4th September 00
SHORT TALKS - “G8TB at WAR” +
G4FFY: SRCC Re-vamped WEB Site

It’s with great pleasure that we welcome Bernie G8TB to talk to us about his War exploits. At the committee meeting we suggested “The Classified Talk now Unclassified”. To complete the evening it will be yours truly to described the shortly to be launched re-vamped SRCC WEB site.

NEXT MEETING:

Sat/Sun 2nd-3rd Sep 00
HF NFD SSB Contest Weekend

At the last SRCC Committee meeting it was agreed to enter, for the first time in many years, a HF NFD contest. This will be the HF SSB NFD being held over the next weekend of 2nd-3rd Sep. The team will be a joint entry of the SRCC and the RTCG Amateur Radio Club using the callsign M0RCA/P.

The station will be operating from the same site as that used for the VHF NFD in July up at Warlingham. The site is on the West Side of the B269 about one mile south of the Slines Oak Road. The entrance gate is next to an isolated house, next to what was once a rough lay-by now landscaped!

It is planned to start at around 9.00-9.30am on Saturday 2nd Sep and your help will be appreciated in setting up the equipment, then operating, check logging, etc. If you can help on either Saturday or Sunday would you please contact Roger G4WAY on 020-8689 7089 right away - thanks. This will give Roger some idea of what help the Club will have. It’s a nice time out in the fresh air, so do make an effort to put in an appearance - thanks.

NEXT MEETING:

"B" Meeting Monday 18th Sep 00

FIX-IT and ADVICE CLINIC

Have you ever wish for help or advice for a technical problem you have, or need advice which trying to repair an item of radio equipment. Well, this meeting may be just what you needed. These sessions are now a regular activity for the "B" meeting, in addition to the other activities of chinwag and Club station.

It's an excellent opportunity to draw upon the wealth of expertise that the Club membership holds. All we ask that you contact a committee member prior to the meeting to advise of your needs and we will try to accommodate.

Maurice G4DDY has volunteered to take your calls on 020-8669 1480 (now back from his Canadian holiday)

LAST MEETING:

"A" Meeting Monday 7th August 2000

The WRIGHT Brothers - G3KQR

This was another good talk given by David Foster G3KQR and attracted a good attendance of at least 24 people. It was nice to see some XYL's present - I trust you enjoyed it. The first half of the meeting was a presentation by David himself, which proved an excellent build up and background to the educational and enjoyable video that was shown after the mid-evening break.

I noted that Orville's first flight was at half past 10 on 17th Dec 1903 some 17 years before David's G3KQR's birth! Wilbur was born in 1867, whilst Orville was in 1871. There was 7 in the close knit family who lived in Hawthorn Street, Dayton, Ohio.

The Wright brothers achieved where others around failed due to their ability of seeing things in different ways and working through the problems. They realised that one must achieve control and manoeuvrability by controlling pitch, roll and yaw.

To raise funds, Orville and Wilbur ran a bicycle shop and were always seen in high starched collars and neck ties, and never worked on Sunday's.

Every summer at the beginning of the 1900's they flew and crashed their inventions on the sand dunes of the North Carolina coast taking advantage of the constant Atlantic winds. They were also the first to use scale models in a wind tunnel in their bicycle shop, which proved that earlier figures were wrong.

At the end of 1902 they had a glider which could be controlled and landed safely. During 1903 they created the engine they needed and made their first one in 5-weeks. David further explained the developments they made and the problems encountered which allowed the first successful flight on Dec 17th 1903.

Thank you David for an absorbing evening.

LAST MEETING:

Saturday 19th August 2000

Unveiling of Kenley RAF Memorial - GB4KEN

At the time of publishing this Newsletter I don't have a full report of this event available but both Bernie G8TB and Peter G3ZPB advise that that the weather was fine and everything went off splendidly. GB4KEN worked nearly 100 stations (inc. the stn at Duxford), mainly on 7Mhz, 21Mhz and 144MHZ.

A full report and pictures will be given in the next Newsletter.

DATES FOR YOUR DIARIES and Local Club Activities:

4 th Sep	Short Talks Evening: "G8TB at WAR" + G4FFY: SRCC Re-vamped WEB Site
5 th Sep	Thames Valley ARTS - R1155 Direction Finding Rcvr @ Library reading Room, Giggs Hill, Thames Ditton - 8pm
8 th Sep	W&DARS - The Other Side of the Hill by George G3DWW @ St. Andrew's Church Hall, Herbert Road, Wimbledon - 8pm
11 th Sep	CATS - Use of Fibre Optics and Lasers to Monitor & Control Pollution from Ships at Sea by Phil Leventhall G3CJJ @ St. Swithun's Church Hall, Grovelands Rd, Purley - 8pm.
16 th Sep	Crystal Palace - 4 min Talks by Brain Cannon @ All Saints Parish Rooms, Beulah Hill - 7pm.
18th Sep	"B" Mtg. - Fix It & Advice Clinic
19 th Sep	Bromley & District @ Victory Social Club, Kechill Gardens, Hayes - 7.30 for 8pm
21 st Sep	Sutton & Cheam RS - Operating in Nepal: Dave Lurcock G4ERW @ Vice Presidents Lounge, Sutton United Football Club, Gander Green Lane, Sutton - 7.30 for 8pm
2nd Oct	Autumn Surplus Equipment Sale
8 th Oct	LRTA Tram Tour of Croydon Tramlink System - http://www.lrta.org/tramlink.html
16th Oct	"B" Mtg. - Fix It & Advice Clinic
6th Nov	LF Talk - Derek Atter G3GRO
20th Nov	"B" Mtg. - Fix It & Advice Clinic
4th Dec	Christmas Talks - TBA
18th Dec	"B" Mtg. - Fix It & Advice Clinic
8th Jan 01	"A" Mtg. - TBA
22nd Jan	"B" Mtg. - Fix It & Advice Clinic

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

MEMBERS NEWS:

Gav Sowter G2OS - 100yrs old

Dr Sowter (Gay to his friends), celebrated his 100th birthday on 28th August. All of us at the SRCC send you Gav our heartiest congratulations. Many Club members have signed a birthday card

I am indebted to Ray G2KU for the following:

"Gav joined the Institution of Electrical Engineers in 1921 as a student, becoming a Fellow in 1942, Chairman of the Measurements Section in 1951, and has now completed 79 years of membership. Since 1966 he has been a member of the Radio Society of Great Britain and also belongs to the Surrey Radio Contact Club.

Most of his career has been devoted to magnetic materials and special alloys for the electrical and radio industry. He had a long association with Telcon Metals Ltd and held the position of Commercial Director.

I visited his Beckenham home a week or so before his 100th birthday to take some photographs and put his recollections on to tape. He lives on his own, cooks for himself and only gave up driving his car last year.



Gav obtained an amateur transmitting licence on 22nd August 1922, with the callsign G2OS and remained active until 1928 when family and business commitments took priority. In 1966 the call was re-issued to him and he is still regularly heard on the air using a Yaesu FT990 and a 3-element beam.

After a most pleasant morning listening to his fascinating accounts of the early days I left him grappling with his new computer.

Ray G2KU"

Ray G2KU also sent me the following originally published in 1987:

"G. A. V. Sowter was born in London, U.K., and educated at London University, where he was awarded his B.Sc. in engineering in 1922. He then joined the Telegraph Construction and Maintenance Co., which made and laid the first Atlantic submarine cable, and he was engaged in research on magnetic materials. This included the early work and evolution on Mumetal and kindred alloys by the team. In the early 1930s, he worked with N. W.

McLachlan, the celebrated pioneer of moving-coil loudspeaker research, and developed a transmitter and receiver for a projected transatlantic telephone submarine cable. The economic world depression of the 1930s terminated this project and laboratory work on moving coil loudspeakers was undertaken.

A number of technical papers were published by Dr. Sowter and Dr. McLachlan on loudspeaker articles in the *Philosophical Magazine*. During this period the standard textbook *Loudspeakers* by N. W. McLachlan was published, based on the extensive measurements carried on by Dr. Sowter. Dr. Sowter became chairman of the measurements division of the Institution of Electrical Engineers, was on the council for a number of years, and served on many of their committees. He received a fellowship of the I.E.E. Previously he had been Chairman of the Council of the British Institution of Radio Engineers (now I.E.E.I.E.) and still enjoys his ham radio—his callsign G2OS being allocated in the early 20s. He has chaired a number of British Standard Committees on magnetic materials and has written several technical papers on this subject. He became Group Commercial Director of several Telcon Metals companies which included factories producing Mumetal and other alloys.

Prior to World War II Dr. Sowter spent several years teaching at Higher National Certificate level as well as managing Telcon Metals Ltd. This resulted in the award of an external Ph.D. degree at London University, where his thesis was on "Harmonic Distortion in Transformers and Chokes with Nickel Iron Cores."

In the late 1930s he became consultant to Sowter Transformers, Ipswich, U.K., which produces every type of audio frequency transformer. He is still active in this capacity and has made hundreds of designs resulting in the sale of thousands of transformers handling from a few microwatts up to a kilowatt. His expertise in the properties and applications of high-permeability magnetic alloys led to the design of transformers for the Royal Shakespeare Co. Barbican, Royal Opera House Covent Garden, BBC Studios, Dolby Laboratories, plus many others.

Dr. Sowter has travelled extensively, including a visit to China 25 years ago. He is treasurer and member of the "Dynamicables" Club, which has celebrated its Centenary recently and consists of the 100 outstanding British Electrical Engineers. He is also a registered chartered engineer by the British Engineering Council. At the 73rd Convention of the Audio Engineering Society in Eindhoven, Dr. Sowter was awarded a fellowship in recognition of his achievements in the audio field. The citation, approved by Ray Dolby, chairman of the AES Awards Committee, reads: "For contributions to audio transformer and loudspeaker design, particularly the optimal employment of magnetic materials."

This text was first issued in 1987 for a paper entitled "Soft Magnetic Materials for Audio Transformers"

Ready Steady Cook Appearance by Mikiko

Following on from last month's article there was a last minute change to the broadcasting day of Mikiko's appearance. The BBC brought it forward to the first day of the new series hosted by Ainsley Harriet which was broadcast on Monday 14th August @ 4:30pm.

The August 17th edition of the Mitcham & Morden Guardian published an interview with Mikiko:

Mikiko cooks Eastern treat



Mikiko show off her prizes. Paul Tanner

Mikiko Shepperley, from Sadler Close, joined Chef Kevin Woodford and cooked a Japanese style dish of tiger prawns and rice against the clock.

The show, broadcast last Monday, pitched two teams against each and the studio audience voted for their favourite dish - served by Mikiko.

Mrs Shepperley, who appeared on the show in Japanese costume, said: "I'm very happy to have won but I feel sorry for the other contestant."

Copyright: Mitcham & Morden Guardian

Wanted by John G3BFP

John G3BFP is looking for a "Cellnet Traffic Line" Receiver for mounting on Car Windscreen. Several were sold at a Club "Surplus Sale" and John is wondering if anyone has got one spare. John's has failed due to the batteries leaking and depositing verdigris onto the PCB.

John can be contacted on 01737-553043 or on E-Mail: john-hazel@g3bfp.freemove.co.uk

(I have just had the same problem of leaking batteries with my DECT phone handset - it has also become inoperable necessitating the purchase of a replacement!)

SUBSCRIPTION RENEWALS:

I understand that now over half of you have renewed your membership - many thanks - it is appreciated. For the remainder could you please send £8.00 (or £12.50 for family membership) to Maurice G4DDY QTHR (or 020-8669 1480) as soon as possible. The newsletter address label indicates year of renewal, but may not have caught up if you have paid in the last few days. I have printed a Slip again below for your use.

SIGNING OFF

That's it for this month - but a final reminder for your support for this month's "A" meeting with Bernie G8TB and yours truly Ray G4FFY for the Short Talks Evening; and also for the HF SSB NFD weekend 2nd-3rd September.

Also please keep sending me contributions for the Newsletter - they are always welcomed - especially the Member's News.

I hope I haven't missed anything this month (unlike last month when I left out the notice advising of our intention to enter HF SSB NFD).

Ray G4FFY

73 and 88

Posted: 29th Aug 2000

SRCC Subscription Renewal Form September 2000

Name: Callsign/RS:

Address:

..... Tel:

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