

Report on GX3SRC/P Amateur Radio Demonstration Station
19 May 2013

SUTTON MODEL ENGINEERING CLUB,
Chatham Close, Sutton, Surrey.
at their
Annual Open day and prize giving 2013.

Maurice G4DDY and John G8MNY put up a G5RV on Friday morning (after DC testing it) between the 2 largest trees at 60ft using Catapult and fishing line.

At 08:00 Sunday the aerial was still up and John set up the furniture and Radio equipment for the station. Maurice, Kim G6JXA, and Alvin G6DTW, helped.

We were able to get on the SRCC top band net by 09:30, with the addition of a small copper earth spike and connecting the G5RV as a Marconi "T". The rig was an Icom IC735 into Palstar 1500 ATU, BHI speaker and 2 pairs of headphones.

After the net we QSY'ed to 80m, then 40m, then 20m, with 400W from a Drake L-4B linear for HF working, with an AF PA system as well so the visiting public could listen in to both sides of the contacts.

RFI (Radio Frequency Interference) test done with Maurice's main public address system right under the aerial were completely clear even at 400W SSB on all bands!

Other items on show were, a Morse key and buzzer, Crystal set, DF loop, Foundation, Intermediate, and Advanced Course information etc.

Rick, M0LEP joined for the main event in the afternoon and so the operating was spread around. Pat, G4FDN also visited while on a diverted run to the tip.

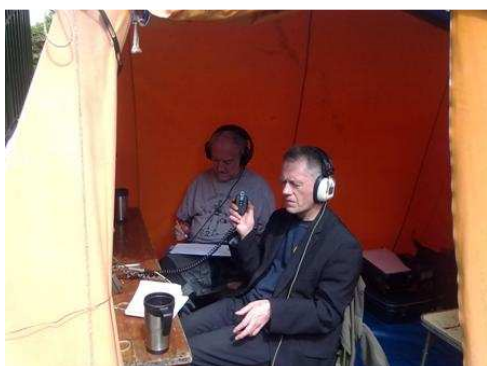
On 40m there was quite a bit of local QRM, mains filters did not help, but a noise cancelling unit with a short wire aerial really helped to get the noise down a good 2 S points.

On 160m we worked 4 stations on the SRCC net. 4 more UK stations, on 80m. On 40m. 3 DL, 1 F, 13 G, 2 GB, 1 GM, 5 GW, 3 M3, 1 MM6, 1 MX, 2 ON, 1 OZ, 2 PA, 2 2E, and on 20m... 4 DL, 1 EA, 1 F, 1 HB, 5 I, 1 LA, 2 MI, 1 MM, 1 OM, 1 PA, 1 4O.

The weather forecast was rain. Saturday night that changed to the south coast only and Sunday was actually very good, with occasional sunshine. The public were able to enjoy the day, with the train rides and models as well as the hand made working models on display for judging. Notes by John G8MNY.

1.905MHz.	3.65MHz.	7.1MHz.	14.175MHz.
4 x G	4x G	3 x DL	4 x DL
		1x F	1 x EA
		13 x G	1 x F
		2 x GB	1 x HB
		1GM	5 x I
		5 x GW	1 x LA
		3 x M3	2 x MI
		1 x MM6	1 x MM
		1 x MX	1 x OM
		2 X ON	1 x PA
		1 x OZ	1 x 4O
		2 x PA	
		2 x 2E	
Band total 4 contacts	Band total 4 contacts	Band total 38 contacts	Band total 19 contacts
Total	Of	Contacts	65
Total	Of	Prefixes	20

The first 4 pictures are from G4FDN.





GX3SRC/P
By M0LEP

SRCC would like to thank SMEC for inviting us to demonstrate Amateur Radio to the public at their Open Day



G6DTW log
keeping <back>
G6JXA operating
<front>
By M0LEP

Thank you to all contributors to this article for allowing their pictures to be used. 73, Good DX to all, Kim, G6JXA.



G6DTW <back> log
keeping
G6JXA <front> operating
By G1UBV
Used by permission