

COULSDON AMATEUR TRANSMITTING SOCIETY
G4FUR  **M1FUR**

CATS WHISPERS



September
2013



Affiliated to the RSGB

CATS Committee

Chairman: Glenn Rankin, G4FVL
Secretary: Steve Beal, G3WZK
Treasurer: Steve Conway, G7SYO
Members: Stuart Barber, G6CJR
Andy Briers G0KZT
Dennis Noe, M0NDJ
James Flint G0SDB

CATS Whispers Editor:

Steve Beal, G3WZK

email address for contributions: newsletter@catsradio.org

Regular Society Meetings

These are held on the second Monday of each month at:
St. Swithun's Church Hall, Grovelands Road, Purley, Surrey, CR8 4LA at 20:00 to 22:00

Society Nets

1st Saturday of month - 17:15 - Crescenta Valley / CATS Net on Echolink/ GB3NS
Sunday mornings - 11:00 - Call on 145.400 MHz \pm QRM
Sunday evenings - 17:00 - Call on 3.700 MHz \pm QRM
Wednesday evenings - 21:00 - Call on 70.425 MHz

CATS Website

www.catsradio.org

Email

enquiries@catsradio.org

Forthcoming Meetings

Monday Sep 9
Monday Oct 14
Monday Nov 11

The G5RV and how it works by Mike G0JMI of Alton Antennas
Dud Charman G6CJ Antenna Farm Revisited by Terry Giles G4CDY
Acrobatic Flying by Julian Murfitt



CATS is twinned with the Crescenta Valley Radio Club
Glendale California USA www.gsl.net/cvrc

CATS August Meeting

This summer's CATS barbecue was attended by 23 members and their guests. The weather was good - if slightly cooler towards the end - and the sky was sufficiently cloud-free to give us all an excellent view of the International Space Station as it passed overhead at about 9:30 pm.

Prue G4RWW welcomed us all to her QTH in Croydon and once again provided a magnificent spread, helped by her friends Graham, Terry and Lisa.

In a convivial atmosphere and surrounded by many beautiful plants (Prue is a keen gardener) we tucked into various tasty barbecued meats and salads, with apple pie and custard for dessert.

Many thanks to Prue for continuing to provide one of the major highlights of the CATS year.

CATS September Meeting

In September Mike G0JMI of Alton Antennas returns to CATS to give a talk entitled "The G5RV and how it works." The date for your diaries is Monday September 9th, starting at 8:00 pm.

CATS October Meeting

In October CATS member Terry Giles G4CDY will give the presentation that he developed to help commemorate the RSGB's centenary. It is entitled "The Dud Charman G6CJ Antenna Farm Revisited."

I was a member of the Southgate Amateur Radio Club (then called the Southgate and Finchley Group of the RSGB - G3SFG) in the 1960's when G6CJ visited the club in person to give his original lecture - a highly memorable event.

Terry's updated version has received excellent reviews from everyone who has already seen it. Don't miss it! The date for your diaries is Monday October 14th, starting at 8:00 pm.

CATS November Meeting

In November, Julian Murfitt will visit CATS to give a talk about Acrobatic flying. The date for

your diaries is Monday November 11th, starting at 8:00 pm.

Letter from KL7 land

Laurence (ex-G4DMA) writes:

"Very little time on the radio over the past month or two - we are in the middle of the short (but man has it been gorgeous!) summer construction period at home and doing exterior mods to the property including a circa 1000ft sq. deck. I'll also be reburying the 4 inch cable tubes that go from the house to the antennae "farm" in a couple of weeks before things start to freeze again in late September. I've just had the back lawn hydro seeded and hope it's going to be all green by 1 October when we have a wedding planned.

"I've just finished building the Ultimate 2 QRP Labs self-contained transmitter - which is GPS/1pps stabilized. Last night was its first outing on WSPR on 30m - fed into the doublet up at 65ft or so. The few hundred milliwatts went 6000 km on a poor band. The cost is less than 20 GBP - and no soldering the DDS chip either.

"Lastly I changed callsigns again into the shortest I can go - now KL7L to reflect a change in citizenship later this year.

"Hopefully conditions over the North Pole will improve on HF and I'll get the chance to talk to some of the members - I do occasionally lurk on GB3NS too.

"Congratulations to all on the field day activities - that's something I really do miss. We had a lot of fun in the late 70/80's down there.

"Cheers from Alaska."

Laurence KL7L (G4DMA et al)

Before I was licensed

In the last issue of *CATS Whispers* I described the experience of buying my first ever copy of *Practical Wireless* way back in 1963. After that, I used to buy every copy as soon as it hit the newsstands and it wasn't long before I became aware of other publications such as *Radio Constructor*, *Practical Television* and *Wireless World* which I occasionally bought. It was in one of those early *Wireless Worlds* that I read

about frequency planning for the launch of 625-line television and saw my first ever UHF yagi in a photograph – a very commonplace sight nowadays of course. It looked very odd to me at the time, but the more I read, the more I began slowly to understand how television worked.

At home we had a basic Murphy TV set and I remember that it once came back from the repairers (a well-known High Street name that still exists today) with the message that it now worked okay but that the tuning knob was broken. The repairers said they had fitted a temporary knob and had ordered a new one for us.



The old Murphy TV – all user controls were under the flap that opened in the top of the set

A week or so later the TV failed completely: no sound or vision – not even a hum. “Aha” I thought. I had read about faults like this. I begged my parents to be allowed to fix it and they eventually agreed – albeit reluctantly (I was only about 14 at the time.)

I knew that it was usual for the heaters of the CRT (Cathode Ray Tube) and of all the valves to be connected in series – like old-fashioned Christmas Tree lights – so that if any heater went open circuit, none of the heaters would light up. Fortunately, I also knew about the dangers of the live chassis inside the set!

It didn't take me long, once I had got it out of the cabinet, to find that the heater of the frame output valve – a 30FL1 – had gone open circuit. But that wasn't all I found. Rattling around inside the cabinet was the set's original tuning knob – in perfect condition!

A new valve was purchased from a local independent shop (whose proprietor, I later found out, was G3EQP) for about 12 shillings

and sixpence – not cheap for 1964 – and duly installed in the set.

I was very pleased with myself when the television then worked perfectly. I had cleared what was admittedly a very basic fault and in doing so had demonstrated to doubting parents that I did indeed have a modicum of useful technical knowledge. I had also unmasked the dubious practices of a local trader, who I assume had deliberately hidden the set's knob inside the cabinet as an easy way of generating future income.

More nostalgia next month.

TransPONDer Net – **Saturday 3rd August –** **Debrief**

Mark W6MW writes: “We had a good turnout for the August Transponder Net on Saturday, August 3. Some of the CATS members were at a steam equipment show but were perfectly readable on the net and we all had some interesting conversations about the Scouting Jamboree in Kent & repeater issues in London. Tom (K6THH) joined us for the first time and received valuable information on how to use repeaters in London - unfortunately too late for his vacation last May but he is now well prepared for the next one! We also may have improved our Internet bandwidth issues by limiting the connection to the GB3NS machine to one user (having all others connect to W6MW-L instead). This theory will continue to be tested over the coming months. Participants included:

UK

G8JAC - Andy
G3ZMF - Frank
M0JXN - Paul
G4FKK - Martin (In & Out)
G0KZT - Andy
G0OLX - Denis (trustee of the GB3NS Repeater)

US

K6POI - Tim
K6THH - Tom
AD6IZ - Larry
W6MW - Mark

“Due to the Sixth District ARRL Hamvention, there will not be a September Transponder Net. We hope to resume on the first weekend

of October.

“Thanks to all who participated!

“73 de Mark W6MW.”

Generator Working Party – Report

Andy G0KZT writes:

“For a number of years, the CATS’ Clarke, Briggs & Stratton 1.5kW generator has been languishing in a corner of my garden shed. At some time, probably in excess of 5 years ago, it developed a fault where it would accelerate and decelerate continually (I believe “hunting” is the term). To make matters worse, the voltage output exceeded 300 volts which blew up a computer power supply. It was thought at the time that the engine governor had gone wrong.

“It was following trouble with the Clarke, Briggs & Stratton generator that CATS acquired the Seeley generator that has been seen at recent field events. However, a year or so ago, a combination of excessive vibration in the generator and metal fatigue caused the mountings of the fuel tank to break. Glenn welded a new set on but after our last field event, vibration caused one of the mounts to break again. We also found that it had become “noisy” on HF from an ignition noise point-of-view and, as the next contest was to be the SSB HF Field day, it was deemed necessary to deal with this interference.

“Glenn and I decided to meet at his QTH on Thursday 8th August to try to fix both generators. (I should add here that my original plan was to fix both the Seeley generator and my own one that had failed at our last event. However, having stripped mine down “in the field” I had had another go at starting it several weeks later at home. I found my one’s fault had gone so I suspect that there had been some fuel contamination.)

“At Glenn’s, we placed the faulty generators on the work bench. I went about removing the air cleaner from the Clarke machine while Glenn manufactured some suppression coils out of ferrite rings with around 8 turns of wire. He then connected the rings to the output terminals within the main housing at the back of the generator. Glenn then made up a new

fuel tank bracket using a piece of scrap steel that was probably originally a piece of racking.

“The Clarke machine was run up but the fault was still present. Glenn suspected that it was a fuel problem from the symptoms it presented, so I continued to strip down the machine to gain better access to the inlet manifold.

“Inside the tank we found various foreign bodies including several well preserved dead insects. When the carburettor was laid bare, Glenn examined the jet with an eyepiece and there, almost invisible to the naked eye, was a further foreign body lodged in the jet hole. We then used high pressure air to thoroughly clear out all the debris, before reassembling the machine.

“Meanwhile Glenn continued to fabricate the new bracket for the fuel tank. This hive of activity continued until the Clarke was ready for another test. I pulled and pulled the starter rope until it finally burst into life. And it did not just burst into life but it continued without the engine “hunting” that we had started with! A quick test of the voltage under load found that it was a bit high and this was solved by lowering the revs. It was very satisfying to see it going again after all that time.

“After a break for lunch, we continued to work on the bracket and this too was successfully replaced. We feel this is likely to be only a temporary fix - but it should last a while.

“We also debated how we could connect up a 20 litre jerry can to the generator. This would be a great advantage as it would negate having to refill the generator too often. However, that would be a project for the future.

“So, the club now have TWO working generators ready in time for our next event. It was great fun taking the machines apart and what’s more, there were no pieces left over at the end! My thanks to Glenn for his time, the use of his workshop and his tools.”

HF SSB Field Day 7th - 8th September 2013

As CATS Whispers was going to press, Contest Secretary Andy G0KZT was still looking for support for this event. More helpers are always welcome. As a reminder, details are as follows:

Location: Crossways Farm, Crossways Lane Reigate Hill near the junction of Babylon Lane and High Road.

Contest Setting Up: From 1100 am

Contest Operating Period: 1300 -1300 UTC

Bands of Operation: 80m, 40m, 20m, 15m & 10m

Intention: To field a station in the restricted section (100W output power. One antenna only which must be a single element having not more than two elevated supports and not exceeding 15m (49.21 feet) above ground at its highest point.)

Please contact Andy G0KZT if you would like to come along.

50 MHz Trophy – Results

See page 8 of this issue of CW.

CATS Nets

Here are the results of the on-line questionnaire about CATS Nets that finally closed in August, having been extended for an extra month to encourage more to reply. Nine responses were received in total.

CATS members will recall that at the EGM in May it was agreed to put three options for CATS nets to our members. However, at about the same time we became aware of an on-line tool called Survey Monkey which we decided to use to canvas members' opinions and also to add a few more questions than originally proposed. Survey Monkey is very easy to use – and is free. See below.

<http://www.surveymonkey.com/>

The results are summarised below with full details in Annex B to this issue of Cats Whispers (see pages 9 to 11). The first graph shows the result from posing the question that was formulated at the EGM – see Graph 1. This shows that the no.1 choice for 62% of respondees was “no change.”

The next four graphs show members' responses when asked to rate in order of preference their favourite day for a net and state their favoured times, band and mode.

To summarise the results, the most popular day for a net is Sunday – a first choice for 55% of respondees (Graph Two). The favourite time

for a net is 8 pm (Graph Three). Two metres is clearly the favourite band (Graph Four) and FM the favourite mode (Graph Five).

The Committee therefore decided to launch a net on 2m at 8pm on Sunday evenings as an experiment to run throughout August. Although this looked like a popular choice, it was not one of the options proposed at the EGM and hence was run as an experiment.

At the September Committee meeting, those present reviewed all the results as follows:

- The responses to question one suggest that the status quo should be maintained.
- The responses to the other questions suggest that an 8 pm net on Sunday night be preferable.
- During August when the net was held at 8pm, the attendance was below what would have been expected for an 11:00 am net.

The Committee therefore agreed to continue with the main CATS net at 11:00 am on Sunday mornings.

Useful Link (1)

Mike M1CCF had kindly forwarded to CATS Whispers the link below, which is about a bi-monthly newsletter aimed primarily at newcomers to the hobby:

<http://rsgb.org/main/get-started-in-amateur-radio/new-amateurs-newsletter/>

Useful Link (2)

I have just built a new website for the Tandridge Handicraft Society, where XYL Jenny is Publicity Officer. The Society meets on Mondays during term time in Oxted. For more information visit:

www.tandridgehandicraftsociety.org.uk

Contests Coming Soon

<u>Tuesday Activity Activity</u> <u>Contests 2013 – all begin at</u> <u>8pm local time</u>	
Sep 3	2 metres
Sep 10	70 cm
Sep 17	23 cm
Sep 24	6 metres
Oct 1	2 metres

Oct 8	70 cm
Oct 15	23 cm
Oct 22	6 metres
Oct 29	4 metres
Nov 5	2 metres
Nov 12	70 cm
Nov 19	23 cm
Nov 26	6 metres
Dec 3	2 metres
Dec 10	70 cm
Dec 17	23 cm
Dec 26	Christmas
Dec 27	Cumulatives:
Dec 28	70cm, 2 metres, 4
Dec 29	metres, 6 metres

Other Contests

Sep 7-8: SSB Field Day
 Sep 7-8: 144MHz Trophy Contest
 Sep 8: Second 70MHz Contest
 Sep 8: 5th 144MHz Backpackers
 Sep 11: 80m Club Sprint SSB
 Sep 26: 80m Club Sprint CW
 Oct 5: 1.2GHz Trophy / 2.3GHz Trophy
 Oct 5-6: 432MHz-248GHz IARU
 Oct 6: 21/28MHz Contest
 Oct 9: 80m Club Sprint CW
 Oct 20: 50MHz AFS Contest
 Oct 24: 80m Club Sprint SSB
 Nov 2-3: 144MHz CW Marconi
 Nov 9: Club Calls
 Nov 13: 80m Club Sprint SSB
 Nov 16-17: 2nd 1.8MHz Contest
 Nov 28: 80m Club Sprint CW
 Dec 1: 144MHz Affiliated Societies Contest
 Dec 26-29: 50/70/144/432MHz Christmas
 Cumulatives Contest

Local Rallies & Events

27-28 September 2013

National Hamfest

Open 10:00 to 16:00.

George Stephenson Pavilion, Newark & Nottingham Showground, Lincoln Road, Winthorpe, Newark NG24 2NY.

Hosted by Lincoln Short Wave Club, sponsored by RSGB Flea market

Traders

Bring and Buy

For the latest details and ticket information, visit:

www.nationalhamfest.org.uk

11-13 October RSGB 2013 Convention

Horwood House, Little Horwood, near Milton Keynes Convention and lectures

www.rsqb.org

10 November 2013

West London Radio & Electronics Show

Kempton Park Racecourse.

Open 10:00. Parking, trade stands, catering, disabled facilities. Contact info@radiofairs.co.uk

NOTE: CATS involvement in this event. The CATS bring and buy sale is a permanent feature of this rally.

www.radiofairs.co.uk

24 November 2013

CATS 36th Annual Radio and Electronics Bazaar

Provisional arrangements as follows:

1st Coulsdon Scout Group headquarters, Lion Green Road in Coulsdon, Surrey. [Map](#)

Open 10:00 to 13:00

Parking, trade stands, bring and buy, refreshments

Contact: enquiries@catsradio.org or

www.catsradio.org

2 February 2014

29th Canvey Radio & Electronics Rally

The Paddocks Community Centre, Long Road, Canvey Island, SS8 0JA

Open 10:30

Parking, Catering, Disabled Facilities, Trade Stands

Major Amateur Radio and Electronic component

exhibitors Selling New and S/Hand equipment .

Freshly made refreshments. (And by popular demand

the famous Canvey Radio Rally Bacon Rolls are back on the Menu).

Free car parking with space outside main doors for disabled visitors

Contact: Vic Rogers G6BHE Tel 01702 308562

NVR@blueyonder.co.uk

www.southessex-ars.co.uk/canveyrally.html

23 February 2014

Rainham Radio Rally

Rainham School For Girls, Derwent Way, Gillingham, Kent, ME8 0BX

Talk in on 2metres using G0BRC.

RSGB RAIBC RSARS RNARS Peter Weatherall / QRP club, Clifton ARS contest Group

Traders incl Sycom

Contact Trevor, G6LYW, 07717 678795 or

trev@wiq1.co.uk

www.brats-qth.org

15 June 2014

27th Newbury Radio Rally & Boot Sale

Newbury Showground, M4 J13.

The Rally takes place at one of the biggest showgrounds in the south of England.

Newbury Showground is located right next to junction 13 of the M4 Motorway.

Nearest Post Code: RG18 9BB

Open 09:00. Free parking, trade stands, catering, disabled facilities.

Contact rally@nadars.org.uk

www.nadars.org.uk/

27-29 June 2014

39th Hamtronic Show, Friedrichshafen

Messe Friedrichshafen, Germany

Open 09:00 each day

- 63rd DARC Lake Constance Meeting
- with lectures and meetings
- HAM RALLYE - Friday and Saturday
- HAM tent camp
- HAM NIGHT - Saturday

www.hamradio-friedrichshafen.de/ham-en/index.php

Other Club News & Contact Information

BROMLEY & DISTRICT ARS

Website: www.bdars.org.uk/

Email: info@bdars.co.uk

Meetings: 3rd Tuesday of every month at Victory Social Club, Kechill Gardens, Hayes, Kent, 19:30 for 20:00.

17 Sep – Aerial Circus (cancelled)

15 Oct – Funcbe pro + SDR dongle

19 Nov - Build-a-thon

17 Dec - Mince Pie Night/Quiz

CPREC (CRYSTAL PALACE)

Website: www.qsl.net/g3oou/ or <http://www.g3oou.co.uk/>

Club Net: Wednesdays 20:00 on 145.525 MHz

Meetings: 1st Friday at All Saints Church Parish Rooms, Beulah Hill at 19:30

6 Sep – Exploring The Solar System With Robots: Dr Chris Arridge

4 Oct - An Evening of Short Talks

1 Nov - Maxwell's Equations and their Practical Applications by Nick Stapley

6 Dec - Computer Construction by Alan O'Donovan G8NKM

3 Jan - TBC

7 Feb – AGM and construction contest

CRAWLEY ARC

Website: www.carc.org.uk

Club Nets: Tuesdays 20:00 on 145.550 MHz and Fridays 19:00 on 1.970 MHz

Meetings: Every Wednesday at Hut 18, Tilgate Forest Recreational Centre, Tilgate Forest, Crawley from 19:30, and Sundays, 10:30 to 13:00.

CRAY VALLEY RS

Website: www.cvrs.org

Contact: Lawrie Atkinson G4FAA. (see website)

Club Nets: Wednesdays 21:00 on 145.500/QSY and 22:00 on 3.720 ± QRM, and Sundays 11:00 on 3.720 ± QRM

Meetings: 1st and 3rd Thursdays at 1st Royal Eltham Scouts HQ, Rear of 61 - 71 Southend Crescent, Eltham, London, SE9 2SD.

DORKING & DISTRICT

Website: <http://www.ddrs.org.uk>

Email: ddrs.secretary@yahoo.co.uk

Contact: George Brind, G4CMU

Club Nets: Sunday 08:15 on 3.770 MHz & Thursday 20:00 on 144.775 MHz

Meetings: Friends Meeting House, Butterhill, South Street Dorking at 19:30.

24 Sep – Op Amps by G3NPC

22 Oct – Ham Radio Deluxe

26 Nov – AGM/How Valves Work by M0SXD

6 Dec - Christmas Dinner at the White Horse, Dorking

HORSHAM ARC

Website: www.harc.org.uk

Club Nets: Saturdays 21:30 on 144.725MHz and Sundays 10:00 on 3.722 MHz

Meetings: 1st Thursday at The Guide Hall, Denne Road, Horsham, Sussex

5 Sep – Talk on data modes by G3ZBU

3 Oct - Junk Sale

7 Nov – CARC – HARC challenge

5 Dec - AGM

MID SUSSEX ARS

Website: www.msars.org.uk

Club Nets: Sundays 08:00 on 3.740 MHz and at 11:00 on 145.350 MHz, Wednesdays 20:00 on 145.350 MHz and Daily 13:30 on 21.330 MHz

Meetings: Every Friday at Cyprus Hall, Cyprus Road, Burgess Hill, West Sussex for 19:45

21 Jun – Morse refresher by Mike G3VAK /Tabletop sale

REIGATE ATS

Website: www.qsl.net/rats

Email: rats@qsl.net

Club Nets: Thursdays 20:00 on 145.500 MHz and Sundays 20:00 on 3.740 – 3.760 MHz

Meetings: 3rd Thursday at RNIB, Redhill College, Philanthropic Road, Redhill for 19:30

SRCC

Website: www.g3src.org.uk

Contact: John Kennedy G3MCX, 020 8688 3322

Club Nets: Sunday 09:30 on 1905 kHz Daily natter channel – 144.215 MHz at 19.30.

Meetings: 1st & 3rd Mondays at Trinity School, Shirley Park, Croydon CR9 7AT 19:45 for 20:00

2 Sep - Talk- Antenna Circus Terry Giles

7 Oct - Surplus equipment sale

4 Nov – Short Talks Evening – Rick M0LEP + Stuart G0LRX

2 Dec - 4-square phase steerable beam antenna for 21MHz by Garth Swanson G3NPC

SUTTON & CHEAM RS

Website: www.scrs.org.uk

Contact: John Puttock G0 BWV 020 8644 9945

Club Nets: Monday 20.00 on 145.500 MHz

Saturday 11.00 on 145.500 MHz

Meetings: 3rd Thursday at Sutton United Football Club, The Borough Sports Ground, Gander Green Lane, Sutton. 19:30 for 20:00

19 Sep – GB3NS Relocated by Denis Stanton G0OLX

17 Oct – ‘Dud Charman G6CJ Antenna Farm Revisited’ by Terry Giles G4CDY

21 Nov – TBC

12 Dec – Christmas Junk Sale

WIMBLEDON & DISTRICT ARS

Website: www.gx3wim.org.uk (currently unavailable also checked 28.01.13))

Contact: Andrew Maish G4ADM 020 8335 3434

andrew.maish ATntlworld.com

Club Net: Mondays 20:45 on 145.500 MHz

Meetings: 2nd & last Friday of each month at

Martin Way Methodist Church, Buckleigh Avenue, Merton

27 Sep: Susy Radio One Year On - John G8MNY

11 Oct: Talk by Jim G4WYJ

25 Oct: AGM

8 Nov: Morse Code On The Air

29 Nov: Surplus Equipment Sale

13 Dec: Christmas Social

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S J Beal G3WZK on behalf of the
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50 MHz Trophy – Results

Members will recall that during the Radio Play Weekend of 14th - 16th June we also fielded an entry in the 50 MHz Trophy contest. The VHFCC website reports that “the propagation seemed to plumb new lows for this year’s contest with few and fleeting Sporadic E openings, and flat or worse tropo in between. QSO counts were generally down on recent years and the few DX contacts that could be netted were influential in determining the placings”. It was also noted that instances of databases being used to fill in information not received off-air were found and three stations received penalties for breaches of general rule 4(m). Our entry did not contain any information gathered from any database.

Pos	Group	Callsign	Loc	QSOS	Score	Mults	Total	ODX	Kms	Power
1	Blacksheep CG	G8T	IN79JX	355	309,188	161	49,779,409	HI3TEJ	6,599	400
2	Pembrokeshire CG	GW2OP/P	IO71OP	238	123,764	117	14,480,435	9Y4D	6,698	400
3	Five Bells Group	G5B	IO92WS	211	93,935	95	8,923,825	EA8CQW	3,029	400
4	Cockenzie & Port Seton ARC	GM2T	IO85SS	118	56,431	49	2,765,119	EA8CQW	3,245	400
5	Telford & DARS	G3Z	IO82NN	182	51,621	49	2,529,429	WP3UX	6,623	100
6	Colchester RA	G0VHF/P	JO02OD	104	33,480	49	1,640,520	OH7CW	2,054	400
7	Burnham Beeches RC	G3WIR/P	IO91PK	138	28,354	44	1,247,576	9H1XT	2,111	400
8	Thornton Cleveleys ARS	G4ATH/P	IO83NU	72	33,210	37	1,228,770	EA8MT	3,062	100
9	Havering & DARC	G4HRC/P	JO01DP	119	24,154	39	942,006	TF3ML/P	1,842	350
10	Coulsdon ATS	G4FUR/P	IO91XG	80	16,234	37	600,658	IT9CJC	1,974	100

This is the results table that was published. Below is the error report that the adjudicator makes available for the submitted entry. I have only published it as a guide to where we lost some points and is not meant to be any criticism of any one operator.

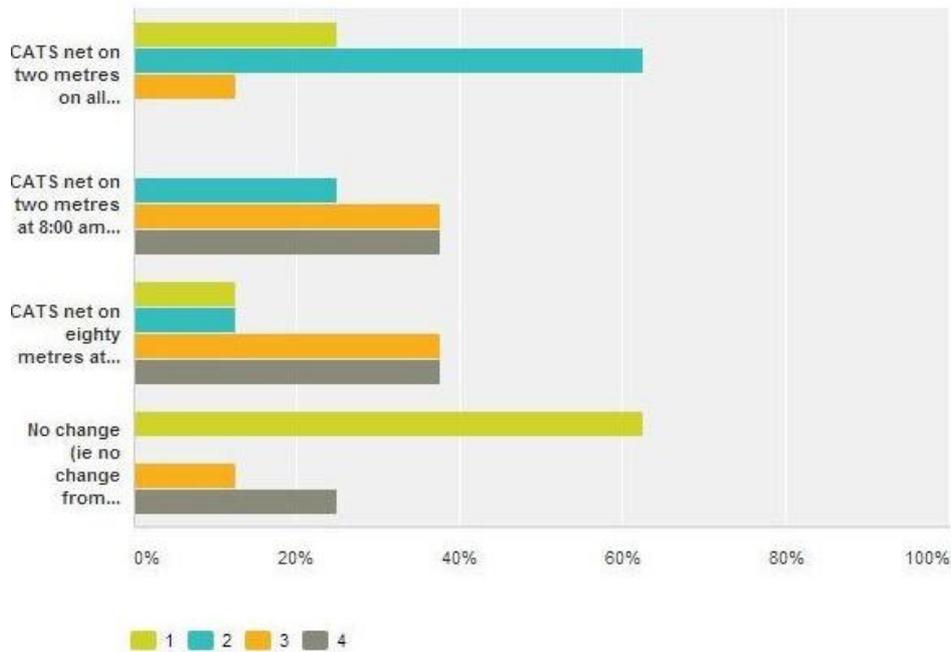
50MHz Trophy Adjudication report for G4FUR/P : 50 15/06/13										
Date	Time	Call	Correct Call	RST Tx	SN Tx	RST Rx	Correct RST Rx	Loc	Correct Loc	Reason
15/06/13	14:29	G4Z		59	23	59	58	JO02EB		Broken:RS(T) RX
15/06/13	14:37	G4IZP	G4IPZ	59	26	59		JO01AH		Broken:Callsign
15/06/13	16:23	G4MM	G8MM	59	48	59		IO91SP		Broken:Callsign
15/06/13	16:50	M0DDT		56	52	56	59	IO91JR		Broken:RS(T) RX
15/06/13	17:07	OP2A		59	53	59		JO20SX	JO20GX	Broken:Locator
15/06/13	17:28	PA6V		53	55	53		JO22GI	JO22GE	Broken:Locator
16/06/13	09:10	9A5Y		559	69	599		JN85GO	JN85PO	Broken:Locator
16/06/13	09:54	2E0VPX		59	70	59	55	IO91QV		Broken:RS(T) RX
16/06/13	12:09	OH3MF		559	83	599		JP20FR	KP20FR	Broken:Locator
16/06/13	13:10	9A1CBM		599	87	599		JN83NB	JN83EN	Broken:Locator

We should remember that our entry to this contest was only an additional feature to our Play Weekend and was not a serious entry. And, because we were portable, with had to enter the Open Section with all the “Big Guns”. My thanks again to Steve G3WZK and Frank G3ZMF for their efforts.

Andy G0KZT

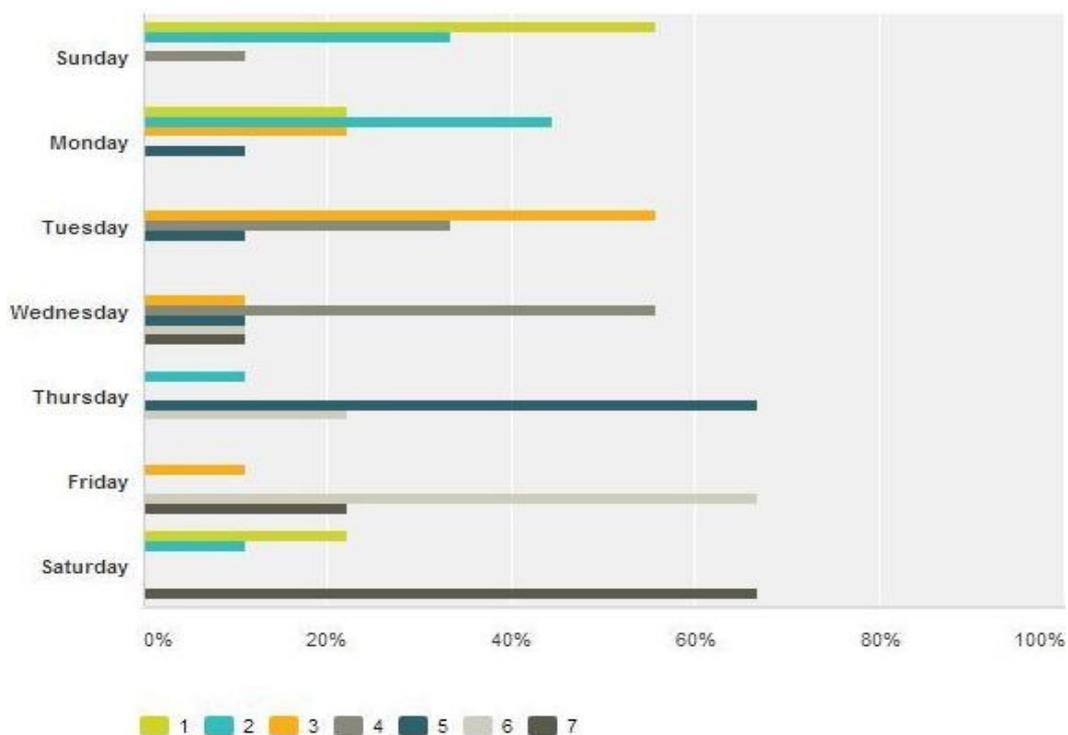
CATS NET QUESTIONNAIRE - RESULTS

Question 1: At the CATS EGM on 13th May it was decided to consider three options for nets, with the aim of increasing interest and attendance. Please rank the following options in order of preference for you.



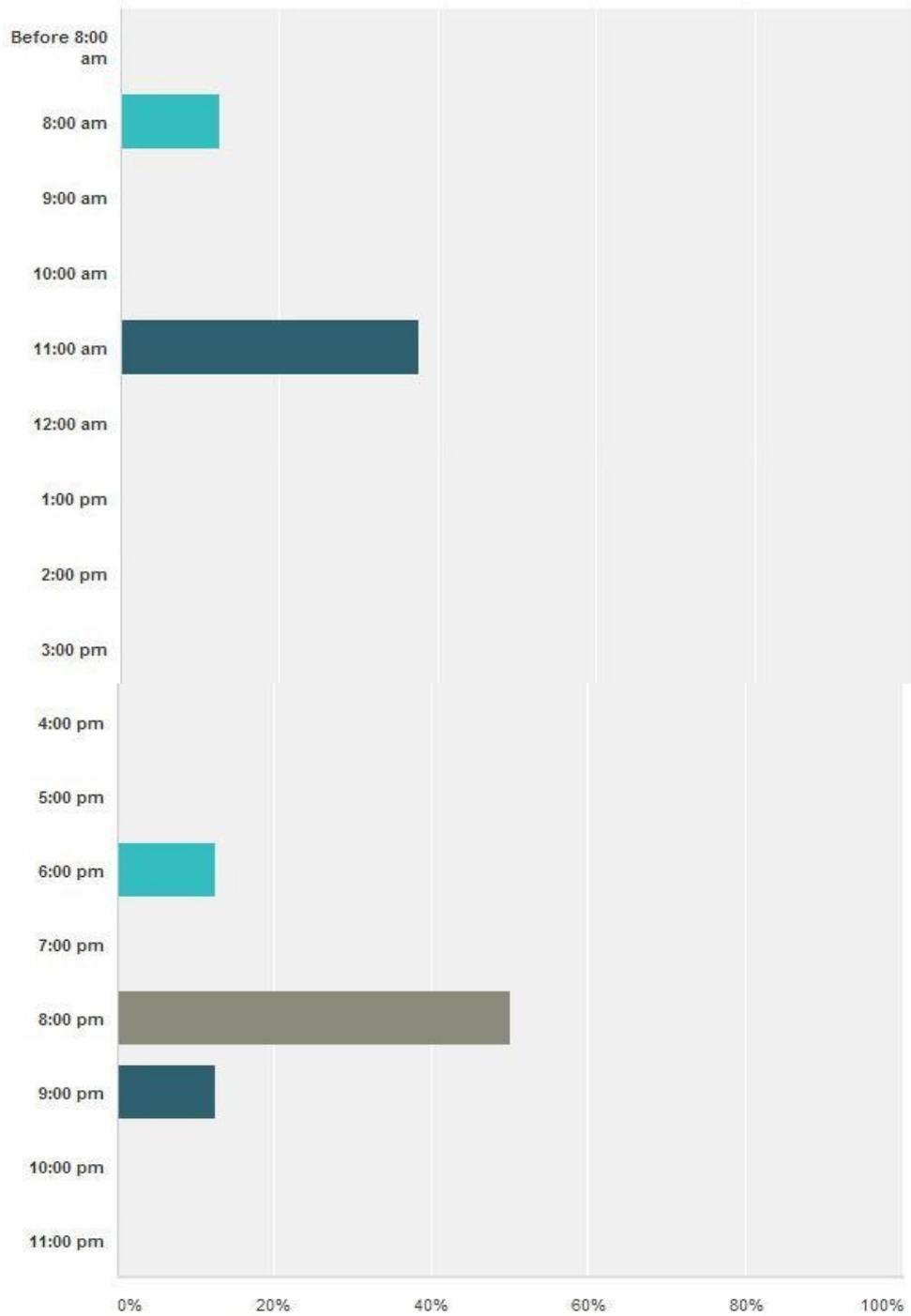
Graph One: The EGM Options Summarised

Question 2: To enable us to determine the widest possible range of views for nets in general, please rank the following days of the week in order of preference for CATS nets (1 for first choice, 2 for second, etc):



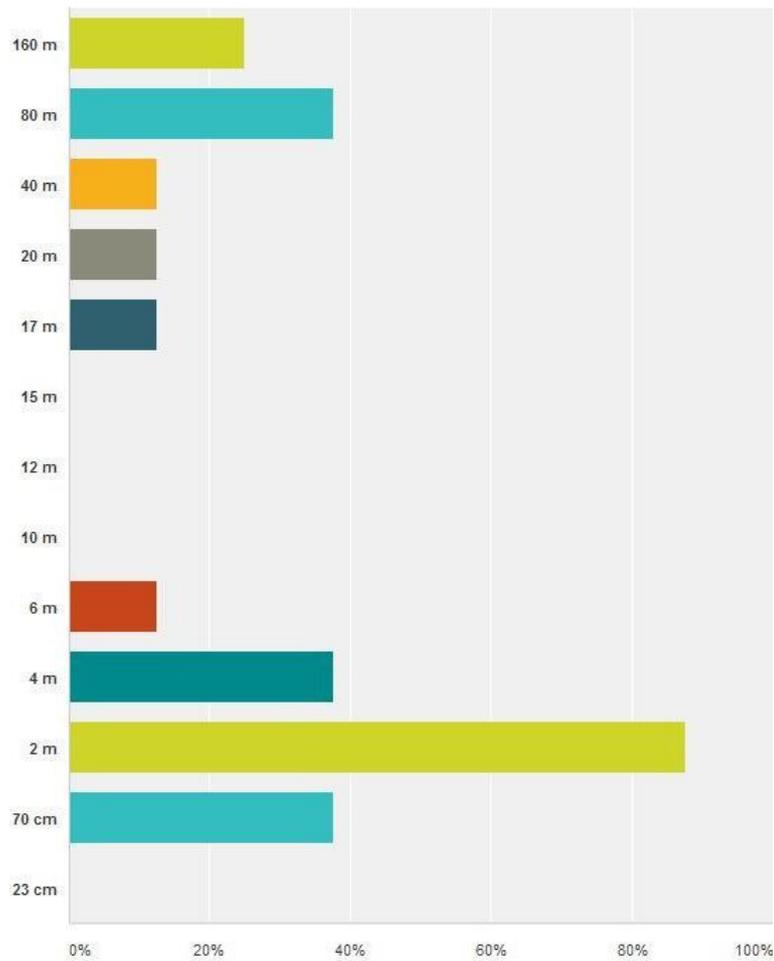
Graph Two: Favourite Day For A Net

3. For your first choice of day to hold a net, please choose from the list below your preferred times for the net to begin. Tick all that apply. All times are clock times.



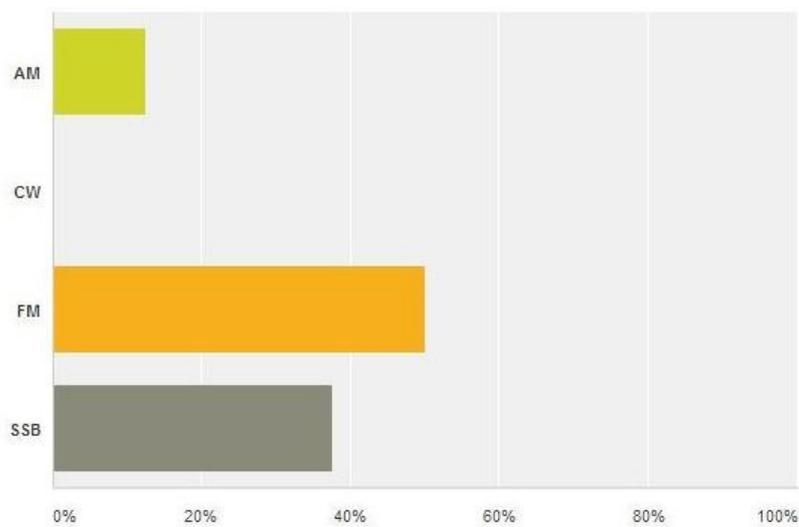
Graph Three: Favourite Time For A Net

4. To enable us to determine the widest possible range of views of which amateur band to use for CATS nets, please tick all amateur bands that you would use for net activity:



Graph Four: Favourite Frequency Band For A Net

5. For your favourite band, please tick the mode you would prefer to use on a CATS net:



Graph Five: Favourite Mode For A Net