

COULSDON AMATEUR TRANSMITTING SOCIETY

G4FUR



M1FUR

CATS WHISPERS

September 2006



Affiliated to the RSGB

SYCOM – Official CATS Sponsor
Visit www.sycomcomp.co.uk

CATS Committee

Chairman: Rob Cole 2E0AYT

Secretary: Andy Jackson G8JAC

Treasurer: Derek Hands G1PGS

Members: Steve Conway G7SYO

Stuart Barber G6CJR

Dave Young G8VXB

Ian Peck M3IGP

CATS Whispers Editor: Andy Jackson G8JAC

email address for contributions:

Regular Society Meetings

These are held on the second Monday in each month at:-

St. Swithun's Church Hall, Grovelands Road, Purley at 2000hrs to 2200hrs.

Society Nets

1st Saturday of Month - 1715hrs Crescenta Valley / CATS Net on Echolink
Normally via MB7IPL node on 145.2875 MHz.

Sunday mornings - 1100hrs. Call on S20 (V40) then to 145.2875MHz.

Sunday evenings - 1700hrs. 3.700 MHz +/- QRM

Wednesday evenings - 21.00hrs. Call on 70.425 MHz

CATS Website

Email :

Forthcoming Meetings

Mon 11 September – Mini-Talks or Show-and-Tell

Mon 9th October – Home PCB design & production by Terry G4CDY

Mon 13th November – CATS Quiz. hosted by Steve G7SYO



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

August Meeting Report

Our August meeting is traditionally a summer Bar-B-Q at the QTH of Prue, G4RWW. Unfortunately, this year's event conflicted with your editor's summer holiday. Apparently the event was held but was it good? Dunno! No-one sent in a report.

CATS Activity News

August was a quiet month for activities with many members taking their annual summer holidays in any case. G8JAC went back across the pond again, this time for a family holiday in Colorado that included a week pretending to be a cowboy on a guest ranch high up in the Rocky Mountains. M3JXN and his YL went as well and although we didn't do any radio activity while we were there, an excellent time was had by all despite the delays and difficulties caused by the latest airport security measures.

One event that did take place in August was that Steve G3WZK got married! Steve and Jenny tied the knot and Steve is now busily evaluating the radio potential at a new QTH in Upper Norwood that I am told has a magnificent VHF takeoff.

We wish them both the very best in their new life together and "CATS Congratulations".



Steve G3WZK and Jenny on their Big Day

For those CATS members who enjoy properly brewed and served beer, cider or perry, a date not to be missed is the annual Croydon and Sutton Beer Festival which takes place as usual at the Wallington Hall, Stafford Road, Wallington (opposite Sainsbury's). The festival runs from 12 – 14th October and will have over 50 real ales on tap. If you would like to go with other CATS, we suggest visiting on Friday 13th. More details at:

<http://www.croydoncamra.org.uk/Festival.asp#Fest2006>

Contest News

CATS took part in the 144/432 MHz Low Power contest over the weekend of 5/6th August from our usual site on Woldingham Ridge. Our claimed scores are as follows:

144 MHz Low Power :

Callsign: G4FUR/P
Total Claimed Score 252484
Best DX: GD3YUM/P in IO74SF, 440 Km
QSOs: 37
Multipliers: 47
Points: 5372

Rate Analysis

	QSOs	Mults	Points
14:00 - 14:59	17	21	1331
15:00 - 15:59	10	17	2820
16:00 - 16:59	2	1	326
17:00 - 17:59	1	1	60
18:00 - 18:59	2	2	290
19:00 - 19:59	5	5	545

432 MHz Low Power:

Callsign: G4FUR/P
Total Claimed Score 117952
Best DX: GW4EVX/P in IO83JF, 303 Km
QSOs: 33
Multipliers: 32
Points: 3686

Rate Analysis

	QSOs	Mults	Points
08:00 - 08:59	14	20	2117
09:00 - 09:59	5	4	598
10:00 - 10:59	10	7	839
11:00 - 11:59	4	1	132

Our thanks go to the usual gang who turned out to put the station on the air – Len G0GNQ, Ian M3IGP, Andy G0KZT, Dave G8VXB, Andy G8JAC, Rob 2E0AYT and Steve G7SYO. (Apologies if I've forgotten anyone).

The operators' main complaint was that there were markedly few stations taking part in the contest and once the main stations had been worked, the going was rather slow. However, those taking part enjoyed it. Our thanks especially to Len who's coffee making was essential, and to Ian who with Len, stayed on site all night looking after the kit.

The full results and our position in the contest will be published in a couple of months.

What's coming up

For **September**, we had planned an evening called "Members' Mini-talks – or a "Show and Tell" evening. We were looking for two or three members to present a short (say, 20 minutes maximum) talk on any subject they like, preferably to do with amateur radio – my antenna system, my favourite rig, an interesting piece of radio kit that I find useful. Or indeed, any subject that might be of interest. This could only happen of course, if someone **VOLUNTEERED** to do a presentation. Regrettably, no-one has, so the Two Andys, G8JAC and G0KZT will be doing a presentation on the CATS visit to the Crescenta Valley club and the ARRL Field Day competition.

The **October** meeting will be of great interest both to experienced home constructors and anyone who has a need to knock up a circuit at any time. Terry G4CDY has great experience in the hobby and will be showing us just how easy it is to produce a professional looking printed circuit board.

We usually have a quiz in **November** and for the past few years, it has been hosted by Andy G8JAC and his XYL. This year for a change, Steve G7SYO is having a crack at presenting it and as usual, we will be inviting our local clubs to enter a team and join in a social occasion. We would like some CATS members to support it as well.

The New Licensing Reqs

Some further aspects have come to light about the new "lifetime" licensing system that may not have been initially apparent.

Your editor, like a fair proportion of licence holders was initially a bit miffed to discover that his licence expired just two weeks before the new system comes into force on 1st October. The temptation might have been to "forget" to renew it on the due date and then get a new lifetime one. Unfortunately, someone had already thought of that dodge and if the old licence is allowed to lapse, a manual re-issue will be required which will cost £20 – more than a regular renewal.

The next aspect is a bit more subtle. A renewal before the 1st October will mean a renewal under the existing version of BR68 and it follows that the licensee will be subject to the letter of what that document says until he receives his lifetime licence a year later and only then gets the new "composite" BR68. The old version of course still requires a log of all transmissions to be kept and that will requirement will still be there for almost a year longer than those licensees who get the first of the lifetime licences. Presumably, until a lifetime licence

is received, you won't be able to use the /A suffix either.

This has apparently been confirmed by Ofcom, so did Ofcom plan that there should be two different standards of licensing running concurrently? No-one seems to know.

Three MusCATeers go to Crescenta part 2

Saturday 23rd June

Neither Andy J or I got a good night's sleep. The view of the locals was that the temperature at the site was likely to be chilly overnight so I brought along a super new sleeping bag. However, it was found to be far too generous in the TOG rating and in fact it was still very warm. What is chilly to a Californian is high summer to a Brit! Andy had found that he was a bit too long for the bed in the main cabin and found also that the mattress that once was the seat was a bit lumpy. Anyway, we surfaced and joined all the other merry campers for a cup of coffee. Mark had especially got up early to put his giant coffee pot on. Powered by a small petrol generator, the note of the engine changed, signalling the arrival of the percolated product. The eagerly awaited contents were poured into a mug - Oh no! A pale brown liquid emerged which did not look quite right. The lid of the percolator was lifted to discover that the tray holding the ground coffee had not engaged correctly. A wait of about another 25 minutes had to be endured before a successful cup of coffee could be poured. It was worth the wait though!

Breakfast was to be an omelette... but not just any old omelette, but another vast choice of fillings. Andy and I were told to step forward and make our selection. Jim, assist by his wife and Steve KC6NNF prepared the omelette to perfection. As well as the omelette, there was a choice of fruit and cereals. These guys have camp catering down to a fine art!



Jim KE6URZ cooking up the first of many omelettes. G8JAC loading up.

Len KA6KZZ then arrived on site with his mobile tower trailer. The story behind this was that the tower had been sold as surplus and offered for sale to the first person that could collect it. Steve KC6NFF had heard about this and made immediate tracks to reserve it. Len collected it and after it sat in his yard for a while, developed a means of combining it with a trailer. The tower uses electric motors to winch it from the horizontal to the vertical and a separate motor to winch the tower up in the vertical axis. Attached to the tower was a familiar 3-element beam and rotator. The whole exercise was effortless although a problem was discovered with the beam. It seems that it may have been assembled wrongly when it was previously used. As such, the elements were not in the right place. Len had to go back to basics, measuring each of the elements and traps and comparing them with the instructions. This was done, along with the other final preparations for the 11.00am start of the competition.



The HF CW station. Note the overhead power and comms cabling, and the solar panel assemblies that provided DC power for all the stations.

As explained earlier, the stations were split into three areas. They were linked together with three computers used to score each station, and the computers were linked to a wireless server so that the programs communicated with each other. The software had been developed by David KO6TD and worked remarkably well and had been tailored to score the ARRL Field Day. Power for the stations was from a series of batteries, all wired in parallel that were charged by five solar panels. The equipment was electrically connected using the Red Dee connectors designed by Jim KE6URZ. He has taken out a patent on the idea and CVRC have used his product with great effect. The basic principle is that all the equipment uses the common connectors. This makes interfacing the different pieces of equipment very easy. Jim is also heavily involved in The Glendale Emergency Auxiliary Radio Service, known as G.E.A.R.S, which has a more broader scope than just CVRC and is an organisation with similarities to our own RAYNET and which works

very closely with the Glendale city authorities. All the equipment used in bringing emergency communications to the City of Glendale uses the universal power connectors.

While Andy G8JAC and Mark W6MW started out on the HF "phone" station, I had a bash with the PSK. I hadn't used the mode for a while and it took a few moments to work out all the macros and controls. There seemed to be plenty of activity but with only 5 watts of power, contacts were difficult. Large cheers could be heard (emitted by me) when I finally made a contact (I guess CVRC may have thought I was more than a little mad by then).



Andy G8JAC operating the W6MW HF station with Prue G4RWW logging. The video camera behind them was sending live pictures over a 70cm link to demonstrate the GEARS emergency communications ATV capability.

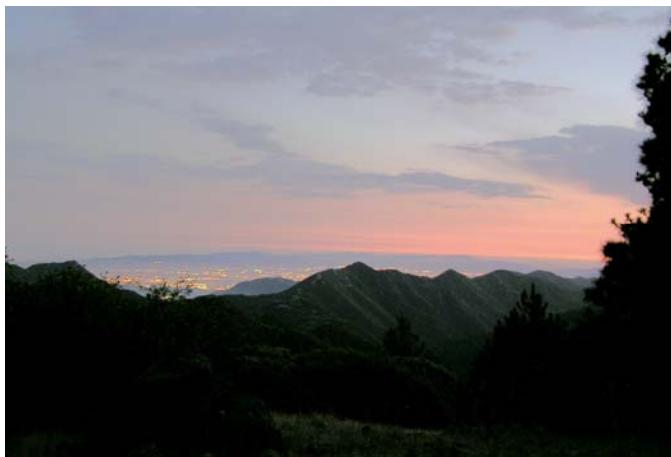
Operation continued with members of CVRC taking their turns in operating the stations. Prue had also arrived on site by this time and operated the HF voice station for a period. Lunch was served which comprised a combination of salad and a further mega-choice of extras.

As we all know, when you are having a great time, something always tries to spoil it. The site at Lightning point has a history of being plagued with insects (or bugs as the locals call them) and this year was no exception. CVRC members seemed well prepared for this with bug spray being applied. Andy 'JAC had come prepared with some genuine US army issue insect repellent but I chose to weather out the storm. Big mistake! We were all being buzzed by "The Bugs" with arms swiping and flailing in frustration. I began to acquire a series of bites, predominately on my lower left leg. Larry AD6IZ came to the rescue with some bug spray and this was liberally applied, however sadly, this was too late as the ill effects had started to kick in, one of which was the swelling of my left eye.

I was also kept busy by Laueran, K6POI's grandson who was keen on football (aka soccer over there) and we kicked a ball around for several hours, narrowly missing most of the parked cars.

The evening came and so did the evening meal. This was in the form of W6MW's traditional Saturday Nite Barbeque and Mark did an excellent job cooking the mountain of burgers, sausages and pieces of chicken. As you would expect, more "fixin's" were available to accompany the food. I thought it would be good to put some salad into the burger bun. Don't ask me why, but several of the CVRC members thought it was an excellent combination with several following suit! Prue departed the site and went back down to Glendale having spent a good day operating and socialising with the group.

Operation of the stations continued into the encroaching darkness – a great feature being the grandstand view of the sunset across the San Fernando Valley, a really breath-taking sight that was enjoyed by all. What wasn't enjoyed was the persistence of the bugs. I had changed into long trousers in attempt to protect my already bitten legs but the blighters obviously found a way round my defences; little did I know then to what effect. At about 10.30pm we finally retired back to the RV for a couple of cold beers and a well-earned sleep.



The glorious sunset looking across the San Fernando Valley.

We arose on the Sunday to another bright day. Temperatures at the site never really got that cold; the coolest it got was what we would describe as being a bit "muggy". I discovered that my left leg had swelled up like a balloon and my face was not much better. I tried to walk on the leg and found that it was extremely painful. Andy JAC had a few odd bites but was pleased with the performance of his army surplus insect repellent.

Mark W6MW had much more success this time with the coffee percolator and Jim KE6URZ along with Steve KC6NFF provided another excellent filling breakfast.

Dennis KO6YO set himself up in his car and operated on the 220 MHz band using a mobile whip on the roof and this gave the group a few more valuable points. I personally did not operate any further as by now my leg was really hurting. I, in fact had a total of 33 bites of which more than 20 were on the left leg and the appearance of some of the bites was starting to cause concern to our hosts. The last period of operating was counted down with Andy 'JAC furiously working the last few stations on HF, and once the 11.00am deadline had passed, the gear was soon dismantled. I was a little too swift in disconnecting the battery supply as although the computers all had their own batteries, the wireless server didn't. Also, David KO6TD was keen to use the available solar power to top up the charge in the batteries.

Lunch consisted of rice and chilli followed by some of the other leftovers. I have to say that CVRC have meal times really sewn up. Not only was the food of a good and varied nature but there was plenty of it. The MusCATEers were treated to this but the others certainly got good value for money.

Mark, Andy and I loaded the last items back onto the RV and began the decent back to Glendale. Mark KE6ZRP and Dennis KO6YO also followed us down. The journey home did seem a little quicker and before too long we were back at W6MW's QTH. Tim K6POI arrived at Mark's and I was utilised to help return a hired vehicle that Tim had rented for the weekend. We drove to a local pharmacy and I picked up some antihistamine tablets and some cream as by now my leg had now become seriously painful.



Something didn't like me! G0KZT's swollen and well-bitten leg.

We once again went our separate ways with Andy and Mark heading "Downtown" to get a Chinese takeaway while Tim and I got a pizza to bring back. It was around this time that Andy let it slip that he and Mark had been buying a number of wines to

sample and savour. This supply ran out and a special trip was made to get some more. It was soon realised that the letters of W6 Mike Whiskey should be changed to read W6 MORE WINE. I guess that will be how Mark will be known from now on!

It is usual for the club to hold a weekly Sunday radio net on the 2-metre repeater and this was to be no exception. The net is controlled by Mark KF6YAN, and all members are invited to call in. Both Andy JAC and I called in and the group as a whole were set two British-related trivia questions to think about. One question was on the first place to have a lift installed. There were three options of which one was Harrods (one of the others being St Paul's Cathedral!). The other question was based on a postcode starting CF14. The answer for this was a bit obscure even to us and nobody got the answer. The net finished with a broadcast of Amateur Radio News obtained via a dial-up audio feed that was linked to the repeater by Mark KE6ZRP.

With only our RV to clean, tidy and return, the radio part of our trip was now over, but much, much more was to come. Our hosts had laid on a very busy program of things for us to see and do, and were intent on letting us enjoy what southern California had to offer.



KA6KZZ's trailer-mounted mast raising the tri-band beam above the Ponderosa Pines at Lightning Point.

Monday was to be a busy and very varied day. Andy G8JAC and Mark W6MW are both keen shooters and with Larry AD6IZ, had arranged a morning trip to a public firing range in Los Angeles, while we were to be treated to seeing a live taping in NBC's Burbank studios of The Tonight Show with Jay Leno in the afternoon.

Myself, I had never fired a live round in my life and had only tried air rifle shooting in the Scouts (some 16 years ago) and air pistol shooting in Tenerife about 5 years ago as a hotel activity.



On our arrival at the range, Andy J presented his British NRA (National Rifle Association) card which amused the lady behind the counter who was under the impression that no-one was allowed to shoot anything in Britain. A discount was available for police officers so I presented my Warrant Card in the hope of it being recognised. Again, there was a little amusement in the style of the badge I have, but it was duly honoured. We were issued with two 25-yard targets each and went out to the firing point to set ourselves up on the range, taking instructions from the range controller throughout. We also had to wear ear and eye protection that were kindly provided by Mark and Larry.

The guns, which will be described in a bit more detail later, were removed from their special pouches that have individual locks on them. There is a legal requirement in California that they have to be transported this way. Probably more for my benefit, Mark and Larry gave me a safety briefing and a few do's and don'ts, then away we went.

Larry had brought along an Astra Model 400 pistol, a rather unusual 9mm semi-automatic made in Spain and popular in the 1930s. He loaded the magazine and showed me the features of the gun, then handed it to me. He didn't seem nervous but I was! I couldn't believe that I actually hit the target with my first shots.

Having now built up a bit of much-needed confidence, Mark invited me to try one of his revolvers.



Andy "Magnum" Briers having his day made. Larry AD6IZ observes.

I started with his Colt Python in .357 Magnum caliber. This had a 7" barrel and although the recoil was much more noticeable due to the more powerful cartridge, it had much better accuracy. This had the traditional revolver "double action" mechanism and I chose to cock the gun before each shot. Mark also had a black 5" barrelled version, also in .357 Magnum, but to my surprise it had a very light trigger. Thankfully I was pointing the gun down the range but was still preparing my shot. BANG! Crikey (well something like that) I thought! After shooting the remaining five rounds I did not return back to it, for everybody's safety.

Andy JAC, being an experienced shooter, gave an impressive performance. As well as the 25 yard targets, there were also a number of steel silhouette targets positioned out into the range. These were mostly in the shapes of animals, both large and small. For some reason the poodle target had most of the fire trained on it and Andy made the targets "ping" on a good percentage of his shots. I managed a few too! To complete the line-up of firearms, Mark had also brought along a modern 9mm semi-automatic pistol made by SIG in Switzerland.



Silhouette targets are a popular type of shooting discipline.

After about 90 minutes we called it a day, re-secured the guns in their travel pouches and returned the cardboard target holders (what was left of them!) to the office. While it had been a first experience for me, Andy JAC was overjoyed to be able to participate again in a sport that is now banned in Britain.

We had a bit of time to kill before going to Burbank, and after showering at Tim's, Mark collected me and we drove to Ruth's house to meet Prue. Also there, were Leah KE6MMU, Christine KF6OPU, Jim KE6URZ and Mary Fox who we had met previously at Lightning Point. I was still in a lot of pain with my leg and after they saw how swollen my leg was, little did I know that I had caused quite a bit of concern.

We piled into Jim's Dodge Voyager for the journey to the television studio and on our arrival we found that we were amongst a group who were due to go on a guided tour, each starting at 3pm. This caused chaos and confusion but eventually we were led round to the front doors of the studio and after being security searched, were taken to our seats.

There was the usual warm up guy, but before the show started Jay Leno came out onto the stage and introduced himself. He described the format of the show and that he recorded it in one take..... warts and all. He then went backstage and reappeared about 10 minutes later wearing a smart suit. The show started with his usual comic monologue and then he moved onto some funnies from the national press. At about the time we were in Glendale, a sailor had met President Bush and pushed protocol a little too far when he hugged the President. Leno had him walk onto the stage and the gaffe was re-enacted, much to the amusement of the audience. He had two guests on the show, the co-star of the new Superman movie and a black comedian who was hosting an award ceremony. The show was excellent plus we got to see how a television show is put together, and we all had a great time. Our thanks to Jim for organising the tickets for us.

As mentioned earlier, I had caused some concern over my leg. Unbeknown to me, arrangements had been made for me to visit Dr. Frosty Boyd KB6FNW, A CVRC member who is also a retired gynaecologist! We drove up to his beautiful home where he took a look at my leg. As well as being able to confirm that I wasn't pregnant, thankfully he did not raise any concern for the leg. I guess all the others were fearing some sort of blood poisoning and the last thing I wanted was a trip to the local hospital and risk a bill the size of a Third World debt.

The evening finished off with an enjoyable meal where we were joined by Tim K6POI, Larry and Flo, Jim, Christine and Don (SWL).

The end of another enjoyable day.

Other Club News & Contact Information

BROMLEY & DISTRICT ARS

Website – www.bdars.org.uk

Email bdars-news@talk21.com

3rd Tuesday at Victory Social Club,
Kechill Gardens, Hayes, Kent
7-30pm for 8pm

19th September – Digital modes demonstration on-air.

The Crystal Palace Radio and Electronics Club

Meets on 1st Friday of every month at 7.30pm at All Saints Church Parish Rooms, Beulah Hill.
Club Net – Wednesdays 2000hrs 145.525 MHz

www.qsl.net/g3oou/

6th October – Audio processing by M3FUB

CRAWLEY ARC

www.carc.org.uk

Club Nets –

Tuesdays 2000hrs 145.550 MHz
Fridays 1900hrs 1.970 MHz
Every Wednesday at Hut 18 Tilgate Forest Recreational Centre, Tilgate Forest, Crawley from 7-30pm, and Sundays, 10.30 until 13.00.

20th September – The Dayton Experience 2006

DORKING & District RS

Club Nets –

Sunday 0815hrs 3.770 Mhz
2030hrs 144.750 Mhz

Meetings are held at the Friends Meeting House, Butterhill, South Street Dorking at 1930hrs.

Email: wb@g3jkv.co.uk

HORSHAM ARC

Club Nets –

Saturdays 2130hrs 144.725MHz

Sundays 1000hrs 3.722 MHz

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

Latest news – www.harc.org.uk

MID SUSSEX ARS

Club Nets –

Sundays 0800hrs 3.740 MHz

Sundays 1100hrs 145.350 MHz

Wednesdays 2000hrs 145.350 MHz

Daily 1330hrs 21.330 MHz

Every Friday at Cyprus Hall, Cyprus Road, Burgess Hill West Sussex for 7.45pm

Info – <http://www.msars.co.uk/>

MITCHAM & DISTRICT ARS

(G3HFY) – Last Wednesday of each month 1930hrs at ATC HQ, Commonside West, Mitcham.

Details Mike Knott G0WCR

Tele: 020 8764 4716

REIGATE ATS

Club Net –

Thursdays 2000hrs 145.500 MHz

Sundays 2000hrs 3.740 – 3.760 MHz

Website www.qsl.net/rats

Email rats@qsl.net

3rd Tuesday at RNIB Redhill College, Philanthropic Road, Redhill for 7-30pm

SRCC

Ray Howells G4FFY 020 8644 7599

Club Nets –

Sunday 0930hrs 29.111 MHz

Friday 2030hrs 144.325 MHz

Thursday 1900hrs 145.500 MHz

Website – www.g3src.org.uk

Meetings: 1st & 3rd Mondays at T.S. Terra Nova, 34 The Waldrons, South Croydon 7.45pm for 8pm

SUTTON & CHEAM RS

John Puttock G0BWV 020 8644 9945

Club Nets –

Monday 2000hrs 145.500 MHz

Tuesday 1030hrs 3.700 MHz

Tuesday 1500hrs 144.300 MHz

Friday 1100hrs 433.500 Mhz
Saturday 1100hrs 3.700 MHz
Saturday 1200hrs 145.500 Mhz
Website – www.scrs.org.uk
3rd Thursday at Sutton United Football Club,
The Borough Sports Ground, Gander Green
Lane, Sutton 7-30pm for 8pm

19th October – High definition television

THAMES VALLEY A.R.T.S.

Trevor Farris M0CDB 013 7245 767
Club Net Only – G3TVS
Saturdays 1400hrs on 40m
7.070 – 7.085 MHz

WIMBLEDON & DARS

Website – www.gx3wim.org.uk

Club Net –

Mondays 2045hrs 145.500 MHz
2nd & last Friday of each month at
Martin Way Methodist Church, Buckleigh
Avenue, Merton Park SW20.
7.30pm for 8pm.

TransPOND er net news

The monthly TransPOND er net held with our friends in CVRC has been a fixture for some time now and at least on the US side, is in good health. Some additional participants on our side would be appreciated, but nonetheless, it is a rare month that the net is missed. The August net co-incided with our competition weekend and on that day, we conducted the net via the GB3OK repeater at our end with Mark Kanzler KE6ZRP linking it via Echolink to the local repeater in Glendale.

The September net also presented a problem with the usual MB7IPL node being unavailable, so G0KZT, G8JAC and Prue G4RWW linked in individually from their home PCs via Echolink. Despite the slight feeling that “this isn’t really radio”, a successful net was held with W6MW conducting the net from their usual breakfast venue at Conrads Restaurant (see the August CATS Whispers to find out where that is) with

Stan W7SLP, Mark KE6ZRP, Leah KE6MMU, Larry AD6IZ, Jim KE6URZ, and Tim K6POI calling in. October’s net will be on the 7th at 17.15 BST. Why not join in?

For Sale & Wanted

Need a hard-to-find part for that project or has the Station Manager ordered a downsizing? You can place a FREE advert here. Just drop the editor a line.

WANTED

A couple of new 6SG7 valves.
Preferably American metal versions.

Andy G8JAC g8jac@btinternet.com

Local Rally & Event Calendar

Dates for your diary:

8/9 September – Liecester Amateur Radio Show, Donnington Park.

15th October – Rusty Radios rally, Cottered village hall, Nr Stevenage, Herts.

12th November - West London Electronics Show, Kempton Park (Radiofairs).

Note: CATS are involved in this event.

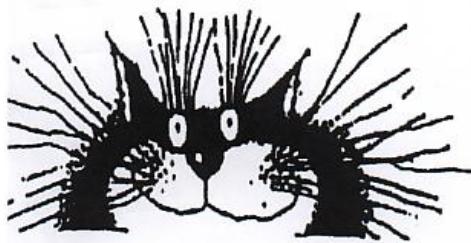
19th November – CATS Bazaar.
Our well-known and regarded autumn amateur radio event.
This year bigger and better than ever!

CATS Whispers is published monthly by
A Jackson G8JAC on behalf of the
Coulson Amateur Transmitting Society.

Contents © CATS 2006

ONLY TWO MONTHS TO THE CATS BAZAAR!

**C O U L S D O N
C A M A T E U R
A T R A N S M I T T I N G
T S O C I E T Y**



**RADIO
ELECTRONICS
BAZAAR**

And

At the 1st Coulsdon Scout Group HQ

**ACCESS VIA
PUBLIC CAR PARK
IN LION GREEN ROAD
COULSDON**

**FLEA MARKET AND
TRADERS STALLS
SALE OF NEW AND
SECOND-HAND
EQUIPMENT**

**SUNDAY
19th
NOVEMBER
2006**

**10.00 AM
TO
2.00 PM
Admission £1**



**Bring and buy -
Bring your gear and we will sell**

To book a table or for more information
Please e-mail cats@qsl.net

Enquiries for tables or information to cats@qsl.net or Andy G8JAC g8jac@btinternet.com