CatRad Kenley Heritage Day June 2012 Report
Caterham Radio Group
Edited by Paul G4APL

GX0SCR/P RAF Kenley Airfield 23th June 2012
Caterham Radio Group (CatRad) again set-up and operated another Amateur Radio Special Event Station operating in the Short Wave Amateur Radio bands.. Demonstrating Amateur Radio to the public.

Kenley Airfield Friend's Group Heritage Activities, consisted of Family Games, BBQ and Raffles. Further information can be found on their web site www.kafg.org.uk

In addition to the CatRad Amateur Radio Demonstration Special Event Station operating on the Short Wave bands. There were stands from 450 Kenley Squadron Air Training Corps, RAF 615 VGS Squadron ATC Cadets and Surrey Hills Gliding Club. Royal Air Force Association's Portcullis Club, providing rousing Military music, Light Refreshments.

Preparation
Final preparation and planning meeting was held at the CatRad meeting on the 8 June 2012.


GX0SCR/P CatRad Kenley Heritage Day Amateur Radio Station

Setting Up
Mike G3TWJ, Kim G6JXA, Paul G4APL and John G8MNY arrived on side a little before 8:30AM.

First task was to get a halyards up into two trees to hold up the G5RV aerial.

Erect the tent frame, and canvas.
Erect and set up the tables and chairs
Install the Amateur Radio equipment IC735 Transceiver, Drake L4B amplifier, Aerial tuning unit and test.

We had an Audio RF feedback issue when transmitting. Resolved by coiling the open feeder as a choke, two feet from the aerial tuner.

Public Address system so that the public can hear both side of the radio contacts.

Set-up the mess table. To enable hot drinks to be available. .
Amateur Radio Hand outs.
Ken G3CQU and Mike G3TWJ shared their time between the RAFA (RAF Association) Tent.

GX0SCR/P - Kim G6JXA operating, John G8MNY logging, Ken G3CQU noting countries worked

Equipment
The GX0SCR/P station consisted of.
Station QTH Kenley Airfield. IO91what 167metres ASL (above Sea Level).

WAB TQ35 GLC, DX Node 14 ITU Zone 27

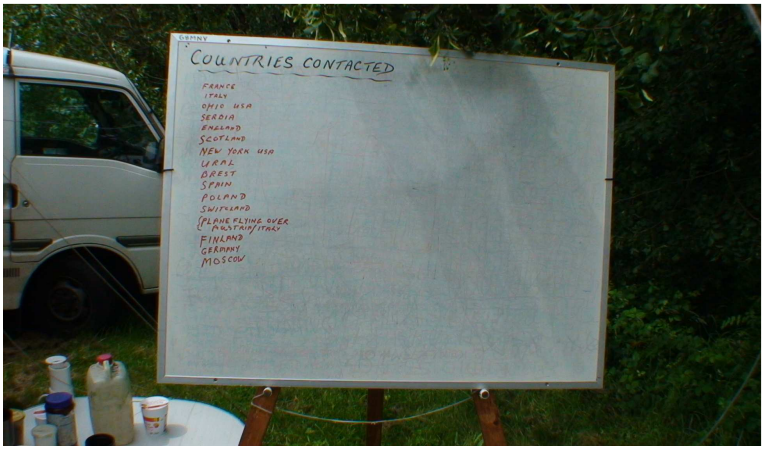
14 MHz SSB IC735 400 Watts Drake L-4B Linear, Pulstar ATU G5RV wire aerial at 16 metres AGL (Above Ground Level) supported between two trees.

A local RF (Radio Frequency) proof Audio Public Address system enabled the public to listen to both sides of the radio contact.

The large tent door was used as an awning on two poles which covered an area for our visitors.

Weather
The weather was dry, Cloudy with a few sunny spells and noticeable westerly wind.

Visitors Meet and Greet
While the contacts were in progress, Ken updated the 'Stations Worked white board' with countries worked for the Public.



GX0SCR/P Countries worked board

Paul, Ken and John greeted and explained our Amateur Radio Station activities.

Many members of the public came to hear the contacts being relayed over our public address system and chat to us.

Paul and John had many interesting conversations with our visitors

GX0SCR/P – Kim G6GXA Paul G4APL

Operating
By 12:10PM we were ready after the Audio feedback problem had been resolved. Paul did the first stint of operating and started up on the 14MHz 20 Metre Amateur Radio short wave band.

Paul established 18 contacts over the next hour and a half.
Handed over control to Kim G6JXA., while John did the logging. Paul explaining the Amateur Radio activities to the Public visitors. Paul and John swapped roles. Kim made 27 contacts during his session of two and a half hours..

Colin G4CLJ and Tony G4ECS made themselves known and spent some time with us.

Packing Up
Started the close down and packing up at 4:15PM. John, Kim and Mike left in John's Van at 5:30PM.

John, Mike and Kim drove off in John's Van and Paul had a pleasant walked home.

Amateur Radio Station Prefix's Contacted
From the 2012 logs supplied. These have been analysed as follows

Country prefix worked by John G8MNY. Paul G4APL, Kim G6JXA
on 1.8, 3.5,7, 14, 21, 28, 50, 145, 433MHz GX0SCR/P Station IC735 Drake PA and G5RV Aerial

433MHz														
144Mhz														
50MHz														
28MHz														
14MHz	DJ0 DK8 DL1 DL3 DL4 DL7 DM5	EA3 EA4 EW3	F1 F4 GM0	HA6 HB9	I0 I2 IK1 IK2 IZ5 IZ6 IZ8		MM0	N8 OE3 OH3 OK2	RA3	SA2 SM7 SP5 SQ2 SQ5 TK4	US3 US5 WA2	YT1 YT2 YU1	2E0	
7MHz														
3.5MHz														
1.8MHz														