

# C.D.A.R.S.

May 2024

CHESHAM & DISTRICT AMATEUR RADIO SOCIETY MONTHLY NEWSLETTER

## The Royal Corps of Signals - A Brief History.

We meet the 2nd Wednesday each month at The Golden Eagle Pub in Ashley Green and every 4th Wednesday each month at the Ashley Green Memorial Hall, Ashley Green, HP5 3PP



### The Royal Signals



### Contesting

Update on all of April's contest results.

### For Sale and Wanted

Still lots of ex-club goodies up for grabs.

Want to write something for the newsletter?  
Then you can contact me on  
[cdarsnews@gmail.com](mailto:cdarsnews@gmail.com)

Can't find that elusive part or have anything for sale?  
Why not drop me an email and put it in  
'For sale and wanted'.

## Morse links

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If you're interested in Morse code, here are a few useful links:



### FISTS CW Club

Promoting Morse Code for 36 years 1987-2023

<https://fists.co.uk>

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### WIKIHOW

### How to learn Morse Code

<https://www.wikihow.com/Learn-Morse-Code>

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### The Ham Whisperer

### Morse Code Course

<http://www.hamwhisperer.com/p/morse-code-course.html>

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### LEARN MORSE CODE

### LEARN MORSE CODE in one minute !

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

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### Welcome to LCWO.net

### Learn Morse Code (CW) Online!

<https://lcwo.net/>

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### Tools for learning Morse Code

<https://www.aa9pw.com/morsecode/>

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### Celebrating the unique art form of Morse Code

<https://cwops.org/>

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### Morse Code by Ray Burlingame-Goff (SK - 29<sup>th</sup> July 2021)

<http://www.g4fon.net/>

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Main cover photo: Brill Windmill at sunset. Copyright: R.Fellows.

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**Chairman** - Dave Keston (G8FMC)      **Secretary** - Malcolm Appleby (G3ZNU)      **Treasurer** - Matt Whitchurch (M1DTG)  
- Guy Plunkett (M0GUY)      - John Hall (G0ODQ)      - Peter Holliday (2E0PTH)  
- Roger Fellows (M7RMF)

All the above are members of the committee and can be contacted on [cdars-committee@googlegroups.com](mailto:cdars-committee@googlegroups.com)

**Newsletter Editor** - RogerFellows (M7RMF)

# Welcome

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Doesn't time fly! I can't believe it's May already and I'm writing my fourth welcome page for the newsletter. Time seems to fly by too fast, so much so that in just 10 or so days time we are once again spending the weekend at Brill Windmill for the Mills on the Air event which coincides with a 145 Alive event of which CDARS have been allocated to be running one of the net controls. Running an event such as this not only will we be putting CDARS on the map but we will be able to do some extra worthwhile promotion for the Brill Society who raise funds to keep the windmill in good repair.



**Roger M7RMF**

Looking not that much further ahead, some six or seven weeks in fact, there is the VHF Field Day on the weekend of 6th/7th July. Once again we are planning to be at the Wiggington field, however, at this point in time which bands we intend to use is still a bit up in the air.

For contesters there is a myriad of contests over the next weeks of which Dave G8FMC has more of on his contesting page. So plenty of opportunity for everyone to warm the airwaves.

This month's feature is a brief history of the Royal Signals and Peter 2E0PTH has taken his monthly trip back in time with some adverts some may recognize. We were a bit short on the projects front for this newsletter but I have quickly 'thrown' together an antenna project that might suit those with limited real estate available.

On that note if anyone has any projects on the go now or that have been completed for some time that others may be interested in then we would love to hear from you.

Roger M7RMF.

# Chairmans Ramble

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Following on from last months news about the sad loss of Bryan, 6 of us attended his funeral on 4th April. Angie had composed a short poem, which somehow she managed to read out herself; well done Angie, it was lovely. There was a very friendly reception at the Bovingdon Bowls Club after. It was good to see Martyn G0GMB representing the NRC at Bletchley, where Bryan & Angie had volunteered a while ago.

Martyn is looking for additional volunteers, especially those that are able to do the occasional Saturday? Full contact details on qrz.com. Martyn was also asking me if CDARS members wanted another guided visit. Especially those that could not make it last time, let Malcolm or myself know if you would like to visit as part of a club trip, rather than an individual.



Dave (G8FMC)

I was pleased to be able to take Angie & puppy 'Bobby' (Angie's Emotional Assistance dog, recently acquired by Bryan) to attend the 'Informal' meeting on Wed 10th at the Golden Eagle, where quite a few members were pleased to see her. Angie expressed a wish to do this 'sooner rather than later' & I was happy to help out with transport.

We have just updated the clubs new(er) Lap-top with a SSD hard drive. Boy, what a difference in boot-up time etc. The 'bottleneck' is now the single-core Pentium processor, which cannot be upgraded. I would anticipate that this will give us a much improved user experience & extend the useful life of the machine for a few years? Without a traditional HDD constantly whirring away, I suspect we might have somewhat increased time between charges as well?

Regarding the Brill Windmill event, it seems that there have been many changes, the most notable being the refurbishment/replacement of all the sails. These are now able to be turned manually once a month, but NOT whilst we have antenna wires about on the 11 – 12th! Roger M7RMF & Malcolm G3ZNU plan a visit soon to see if we need to revise how we are going to install the HF station, as there are more displays in the lower part of the mill.

That is it for this month.

**73 all, Dave K, G8FMC (Chairman and Contest Coordinator)**

# Contests/Operating

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## The UKAC's 2024

We seem to have settled into a steady but clear 3rd place behind Parallel Lines & Hereford. We knew that Hereford's slow start (to our advantage) would not last long. However we are still 'nibbling at their ankles' so to speak. Keep it up chaps.

## VHF Championship 2024

As anticipated, the results for the 144/432 on 2-3 March were published just after the April Newsletter went-to-press! Phil did get his 1st place & 1,000pts in the SO category on 144MHz & 2nd overall; great effort Phil. Matt G0XDI got 2nd place in the SF category on both bands & overall. 6S ended with John GOODQ in 2nd, Roger G3MEH 4th & Charlie GOSKA 5th (Charlie just entered the 144MHz, where he got 2nd place) A few more of us featured a little lower down in the listings, but it all contributed to CDARS taking top-spot in the AFS category of the Championship & getting the coveted 1,000 pts! Thanks to everyone who made such a great contribution.

A special mention also to Roger M7RMF for getting a certificate for the 'Leading Foundation station'. You need to get your 'Intermediate' & then do the same at that level? (*Ed: I am working on it!*).

(P.S. I did get confirmed my QSO with HB9NE, which helped me to 11/45 on 2m; better than expected)

It seems that generally the AL limit for contests is still 10W & AR is 100W, but AO is deemed 'Licence limit' so can be 1,000W on the applicable bands; if you have a big linear!

Thanks to those that have had-a-bash on 80m CC's (CW, Data & SSB) I know John G4CZB (Northampton club call of G8N this season) appreciates that.

A few of us had a bash at the recent CQ WPX HF contest. Phil M0N (M0NVS) a bit more serious than me & is at the moment in a provisional 10th position for England stations; a very creditable effort Phil. My friend Stewart G3Q (G3RXQ) now in Lancashire, who used to be local; tackled this one very seriously, even to the extent of physical training & other prep over several weeks before the event. He was thus able to do the max allowed for a single operator of 36 of the 48 hours! (Crazy man & he is even older than me, but in much better shape. The prep looks like it paid off as he is provisionally in 1st place in England. He does get VERY serious about contests & also has 3.5 acres of antenna farm to play with! NOT Mr average!

The next significant weekend event is the 432MHz & up on 4-5 May. 432MHz Trophy on Sat 4th & 10GHz on Sunday 5th are the 2 that contribute to the VHF Championship. All entries add to the AFS total & are much appreciated.

**73, Dave K, G8FMC**

# The Royal Corps of Signals - A Brief History

The Royal Corps of Signals (often simply known as the Royal Signals – abbreviated to R SIGNALS or R SIGS) is one of the combat support arms of the British Army. Signals units are among the first into action, providing the battlefield communications and information systems essential to all operations. Royal Signals units provide the full telecommunications infrastructure for the Army wherever they operate in the world. The Corps has its own engineers, logistics experts and systems operators to run radio and area networks in the field. It is responsible for installing, maintaining and operating all types of telecommunications equipment and information systems, providing command support to commanders and their headquarters, and conducting electronic warfare against enemy communications.

## History

### Origins

In 1870, 'C' Telegraph troop, royal Engineers was founded under Captain Montague Lambert. The Troop was the first formal professional body of signallers in the British Army and its duty was to provide communications for a field army by means of visual Signalling, mounted orderlies and telegraph. By 1871, 'C' Troop had expanded in size from 2 officers and 133 other ranks to 5 officers and 245 other ranks. In 1879, 'C' Troop first saw action during the Anglo Zulu War.

On 1 May 1884, 'C' Troop was amalgamated with the 22nd and 34th Companies, Royal Engineers, to form the Telegraph Battalion Royal Engineers; C' Troop formed the 1st Division (Field Force, based at Aldershot) while the two Royal Engineers companies formed the 2nd Division (Postal and Telegraph, based in London). Signalling was the responsibility of the Telegraph Battalion until 1908, when the Royal Engineers Signal Service was formed. As such, it provided communications during the First World War. It was about this time that motorcycle despatch riders and wireless sets were introduced into service.

### Royal Warrant

A Royal Warrant for the creation of a Corps of Signals was signed by the the Secretary of Stae for War, Winston Churchill, on 28 June 1920. Six weeks later, King George V conferred the title Royal Corps of Signals.

### Subsequent History

Before the Second World War, Royal Signals recruits were required to be at least 5 feet 2 inches tall. They initially enlisted for eight years with the colours and a further four years with the reserve. They trained at the Signal Training Centre at Catterick Camp and all personnel were taught to ride.

During the Second World War (1939–45), members of the Royal Corps of Signals served in every theatre of war. In one notable action, Corporal Thomas Waters of the 5th Parachute Brigade Signal Section was awarded the Military Medal for laying and maintaining the field telephone line under heavy enemy fire across the Caen Canal Bridge during the Allied Invasion of Normandy in June 1944.



A Landrover based VSC501 system being shown to Princess Anne at Blandford Camp by 30th Signal Regiment

In the immediate post-war period, the Corps played a full and active part in numerous campaigns including Palestine, the Indonesia-Malaysia confrontation (Malaya), the Korean War. Until the end of the Cold War the main body of the Corps was deployed with the British Army of the Rhine confronting Soviet Bloc forces, providing the British Forces' contribution to NATO with its communications infrastructure. Soldiers from the Royal Signals delivered communications in the Falklands War in 1982 and the First Gulf War in 1991.

In 1994, The Royal Corps of Signals moved its training regiments, 11th Signal Regiment (the Recruit Training Regiment) and 8th Signal Regiment (the Trade Training School), from Catterick Garrison to Blandford Camp.

In late 2012, 2nd (National Communications) Signal Brigade was disbanded. Soldiers from the Royal Corps of Signals saw extensive service during the eight years of the Iraq War before withdrawal of troops in 2011, and the 13 years of the War of Afghanistan before it ended in 2014.

Under Army 2020 Refine a number of changes planned for the Corps were made public in 2013-14. A presentation by the Master of Signals indicated that 16 Signal Regiment would shift from 11 Signal Brigade to 1 Signal Brigade and focus on supporting communications for logistic headquarters. Similarly, 32 and 39 Signal Regiments were planned to shift to 1 Signal Brigade. 15 Signal Regiment would no longer be focused on Information Systems but would support 12th Armoured Infantry Brigade, while 21 and 2 Signal Regiments were planned to support the first and second Strike Brigades respectively. Furthermore, a new regiment, 13th Signals Regiment, was planned to form up under 1st Intelligence, Surveillance and Reconnaissance Brigade and work with 14th Signal Regiment on cyber and electromagnetic activity.

In 2017 the Royal Signals Motorcycle Display Team, then in its 90th year, was disbanded; senior officers had complained that it "failed to reflect the modern-day cyber communication skills in which the Royal Signals are trained".

On 28 June 2020, the Royal Corps of Signals marked the 100th anniversary of its foundation. Constrained by COVID-19 rules, many Royal Signals 100 celebrations were organised online, including the #100for100 challenge that involved hundreds of members of the Corps running 100km for the Royal Signals Charity. The Princess Royal, the Colonel-In-Chief of the Corps, delivered a video message of congratulations, and the Foreman of Signals Course students successfully took a photograph of the Royal Signals 100 badge in space, completing a challenge that was set for them.



Source: Wikipedia.

Cap Badgw Attribute: By British Army / Vector graphic Futurhit12/Pixabay

Landrover VSC System: By Ministry of Defence under Wikipedia Commons License.

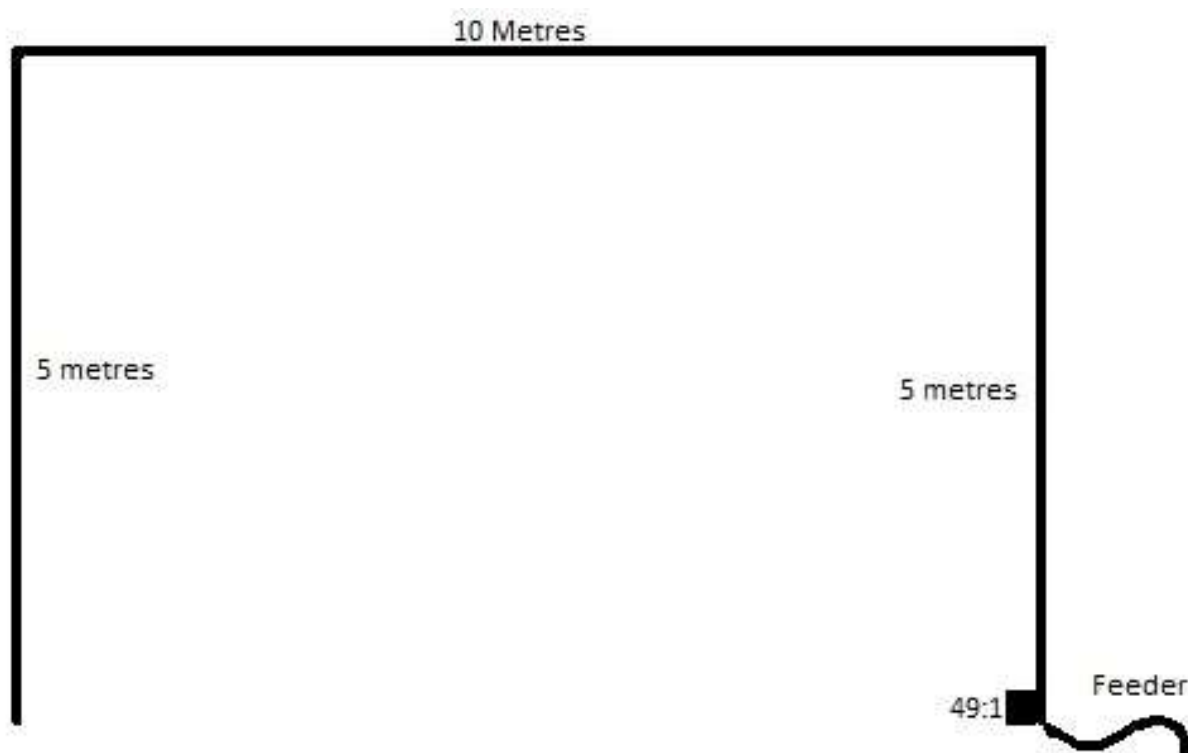


# End Fed Half Square Antenna.

At the end of 2021, having had my Foundation License for just over a year, I wanted to start exploring the HF bands. I had only been using the VHF/UHF bands. At that point I had done the odd 2m and 70 cm's contest with a homemade dipole which, when I look back, did quite well considering. I was getting interested in Parks on the Air and the HF bands were the main bands being used. So, I did the usual research and decided an end fed half wave antenna would be ideal. Having come across a Black Friday deal at UK Antennas I duly purchased their multi band end fed covering 80,40,20,17,15,12,10 metres. What I hadn't realised at the time was that the wire was going to be 39 metres long! How was I going to get this in my garden?

I looked at various configurations and none were going to fit accept one. I ran the wire at about 2 metre height all the way round my boundry wooden fence. Not ideal I know but it did work. In fact I managed my first QSO to the US on 10watts. The propogation gods were working well that day I think.

This configuration stayed until late last year when while reading Radcom I came across the End Fed Half Square that Tim G5TM had done an article on. I thought that this might be the way to go. Ok less bands, 40, 20, 15 and 10 metres, but it must be better having the wire in the air rather than running at a low height round the garden.



The diagram of the End Fed Half Square as described in the July '23 issue of Radcom by Tim G5TM.

The parts required are as follows:

- 2 x 10m fibre glass flag poles (Spirit of Air).
- 20m of Sotabeams Heavy Duty Antennas Wire.(50m Reel)
- 1 x 49:1 transformer (Ex UK Antennas).
- 4 x 50mm guttering brackets for pole mounting. (They fit the poles perfect).
- 10 x DX Commander HCL EzyClamps (1 per section of each pole)
- 2 x 25mm Rubber caps for the top of the pole. (Amazon)
- 2 x Homemade steel brackets. (Mounting the second pole to my shed side).

I bought the 10m Spirit of Air Poles so that I could lose the top 3 whippy sections which would make it stand up against the wind better rather than having a shorter pole and having to use the thin sections. In doing this meant the top most section of the pole is about 25mm in diameter. Overall the pole was about 6m long. The wire was held at the 5m point by a short piece of paracord made into a loop which was held on the inside of the top section using a 25mm wooden bead. As the pole sections are tapered this lodged inside the pole with the paracord attached and run out the end. (Difficult to explain and unfortunately I don't have a photo.) Mounting the poles was straight forward, one onto a convenient wooden fence post and the other to the homemade steel brackets, 10 metres away to the side of the shed. The difficult part was being able to feed the wire while trying to push the poles up and fit the DX Commander clamps. The length of Sotabeams Heavy Duty wire was made 2 metres longer than required to allow for 'fold back' for tuning. I still need to get the tuning correct on all bands but all are better than 1.75:1 SWR but works extremely well for a fairly simple design.

**Roger M7RMF**



UK Antennas 49:1 Transformer



One of the Erected Spirit of Air Pole



Spirit of Air Pole



50mm Guttering clamp and DX Commander clamp

# From The Archives.

By Peter 2E0PTH

This month we have a collection of adverts from 1959 through to 1966. First, surplus equipment that some of you may have bought:

## H.R.O. SENIOR RECEIVERS



selectivity. Effective tuning scale of 12 gain controls. Signal strength meter. B.F.O. on/off and pitch control. H.T. and "S" meter on off switch. Phone jack and loudspeaker terminals. Black crackle cabinet. 17in. x 9in. x 12in. deep. Fully tested and guaranteed. Complete with 110 volt or 6 volt (state which preferred) power pack. ONLY £16.19.6. Carr. 20/6.

Total frequency coverage is 50 Kc/s-30 Mc/s. obtained by inserting coil sets of which 4 sets are supplied with every receiver. Incorporates 9 valves. 2 R.F., 2 I.F. and 2 audio amplifiers. Crystal gate with crystal phasing control. Variable

## COMMUNICATIONS RECEIVER R1155

The famous Bomber Command receiver known the world over to be supreme in its class. Covers 5 wave ranges 18.5 to 7.5 Mc/s. 7.5 to 3 Mc/s. 1,500 to 600 kc/s. and 200 to 75 kc/s. and is easily and simply adapted for normal mains use. Full details being supplied. All sets thoroughly tested and in perfect working order before dispatch, and on demonstration to callers. Fitted latest type super slow-motion tuning assembly. Have had some use but in excellent condition. ONLY £7/19/6.

A.C. MAINS POWER PACK OUTPUT STAGE, in black crackle case to match, enabling it to be operated immediately, by just plugging in, without any modification. With built-in 6in. P.M. speaker. £5/10/-, or de-luxe with 8in. speaker. £6/10/-, DEDUCT 10/- IF PURCHASING RECEIVER AND POWER PACK TOGETHER.

Send S.A.E. for illustrated leaflet, or 1/3 for 14-page booklet which gives technical information, circuits, etc., and is supplied free with each receiver. Add carriage 10/6 for Receiver, 5/- for Power Unit.

## HARRIS ELECTRONICS

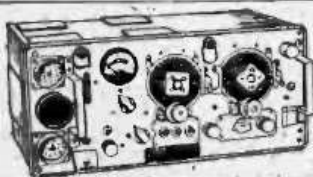
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- Current : 0.001  $\mu$ A to 1  $\mu$ A at 100 to 6,000 c/min.
- Response : exceeds 30,000 c/m.
- Dead time : 100  $\mu$ sec. at 6,000 c/m. Rise time : 5 to 10  $\mu$ sec. at 6,000 c/m.
- Temperature range : -55 C. to +60 C.
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Before Internet shopping became possible the choice was either mail order or walking into a physical shop. As a young teenager I would save up my pocket money and then visit Tottenham Court Road followed by Lisle Street. A return train fare was 11/6, you needed to reserve 2/- incase you needed to phone home, there were no mobile phones those days. I would spend the remaining money on books and components. Starting at Foyles, who had a whole floor dedicated to electronics, electrical and mechanical engineering, I'd then move up Tottenham Court Road visiting Proops, Z&I and any other electronics shops on route.

Proops sold all sorts of surplus items, e.g. aircraft instruments, hydraulics, electric motors, etc. Z&I were the place to go for active components. OC72's @ 8/- (40p), 807 valve @ 13/- (65p). They also sold klystrons, magnetrons, CRT tubes and other niche components

<b>Head Office and Warehouse</b> 44A WESTBOURNE GROVE LONDON W2 Tel. PARK 5641/2/3		<b>Z &amp; I AERO SERVICES LTD.</b> Please send all correspondence and Mail-Orders to the Head Office When sending cash with order, please include 2/6 in $\pounds$ for postage and handling MINIMUM CHARGE 2/-. No C.O.D. orders accepted		Retail Shop 85 TOTTENHAM COURT ROAD LONDON W1 Tel. LANgham 8403 Open all day Saturday	
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After Tottenham Court Road I'd walk back down to Lisle Street where G.W. Smith had a shop selling new components and surplus equipment. Lisle Street was a bit dodgy in the early 60's, not only were there shops selling electronic components, see <http://www.retinascope.co.uk/lislestreet.html>, there were also ladies selling personal services.

microamps, 0-6 mA. Resistance for diode 200 $\Omega$ —1 M $\Omega$ . Supplied complete with instructions, battery and leads. 26.18.6. P. & P. 2/6.	<b>P.C.R.I. RECEIVERS</b> Brand New Condition—Fully Tested and Checked before despatch. 3 Waveband with RF Stage—Wonderful value. 840-9080 metres 190-576 metres 5.8-15 Mc/s with internal speaker 23.19.6. Carr. 10/3 with circuit. Plug in external power units. 230V A.C. 85/-, or 12V D.C. 19/6.	<b>SILICON RECTIFIERS</b> 200v. PIV, 200mA ..... 2/6 200v. PIV, 6 amp ..... 5/6 400v. PIV, 3 amp (SCR) ..... 10/- 1000v. PIV, 500mA ..... 5/8 800v. PIV, 200mA ..... 5/8 800v. PIV, 3 amp ..... 7/8 400v. PIV, 500mA ..... 3/8 70v. PIV, 1 amp ..... 3/6 150v. PIV, 160mA ..... 1/- 150v. PIV, 25 amp ..... 19/6 700v. PIV, 100 amp ..... 49/6 Discounts for quantities. Post extra	<b>MODEL PV-58 VALUE VOLTMETER</b> 11 meg. input. 7 D.C. volt ranges. 1,500 v. 7 A.C. volt ranges. 1.5-1,500 v. 4,000 Peak to Peak. Resistance 2 ohm to 1,000 megohm. Decibels -10db to +65db. Supplied brand new with instructions, leads and probe. 23.10.0. P. & P. 3/6.	0v. 0.5/1/2.5/10/25 / 100 / 250 / 500 / 1,000 v. D.C. 0 / 2.5 / 10 / 25 / 100 / 250 / 500 / 1,000v. A.C. 0 / 50 $\mu$ A / 5 / 50 / 500 $\mu$ A. 12 amp D.C. 0 / 60K / 6 Meg. / 60 Meg. 23.17.6. Post paid.
<b>CALLERS WELCOME !</b> Open 9 a.m. to 8 p.m. every day Monday to Saturday. Trade supplied.				
<b>G.W. SMITH &amp; CO (RADIO) LIMITED</b> Phone: GERRARD 8204/9155 Cables: SMITHEX LESQUARE 3-34 LISLE STREET, LONDON, W.C.2				

Attributes 1. David Gleason and his team for scanning historical magazines – the source of these news cuttings. 2. Don Field, editor of Practical Wireless, for giving permission to reproduce the cuttings in our newsletter.

# Contest Corner

## May - HF

Day	Date (2024)	Time (UTC)	Contest Name
Mon	13 May	1900-2030	80m CC SSB
Mon	20 May	1900-2030	RSGB FT4 Contest
Wed	22 May	1900-2030	80m CC DATA
Thu	30 May	1900-2030	80m CC CW

## May - VHF

Day	Date (2024)	Time (UTC)	Contest Name
Wed	01 May	1700-2100	144MHz FT8 AC (4 hours)
Wed	01 May	1900-2100	144MHz FT8 AC (2 hours)
Sat	04 May	1400-2000	432MHz Trophy Contest
Sat-Sun	04-05 May	1400-1400	May 432MHz-245GHz Contest
Sun	05 May	800-1400	10GHz Trophy Contest
Tue	07 May	1800-1855	144MHz FMAC
Tue	07 May	1900-2130	144MHz UKAC
Wed	08 May	1700-2100	432MHz FT8 AC (4 hours)
Wed	08 May	1900-2100	432MHz FT8 AC (2 hours)
Thu	09 May	1900-2130	50MHz UKAC
Sun	12 May	900-1200	70MHz Contest CW
Tue	14 May	1800-1855	432MHz FMAC
Tue	14 May	1900-2130	432MHz UKAC
Thu	16 May	1900-2130	70MHz UKAC
Sat-Sun	18-19 May	1400-1400	144MHz May Contest
Sun	19 May	1100-1500	1st 144MHz Backpackers
Tue	21 May	1900-2130	1.3GHz UKAC
Tue	28 May	1830-2130	SHF UKAC

## June - HF

Day	Date (2024)	Time (UTC)	Contest Name
Sat-Sun	01-02 Jun	1500-1500	NFD
Mon	10 Jun	1900-2030	80m CC DATA
Mon	17 Jun	1900-2030	RSGB FT4 Contest
Wed	19 Jun	1900-2030	80m CC CW
Thu	27 Jun	1900-2030	80m CC SSB

## June - VHF

Day	Date (2024)	Time (UTC)	Contest Name
Tue	04 Jun	1800-1855	144MHz FMAC
Tue	04 Jun	1900-2130	144MHz UKAC
Wed	05 Jun	1700-2100	144MHz FT8 AC (4 hours)
Wed	05 Jun	1900-2100	144MHz FT8 AC (2 hours)
Sun	09 Jun	900-1300	2nd 144MHz Backpackers
Tue	11 Jun	1800-1855	432MHz FMAC
Tue	11 Jun	1900-2130	432MHz UKAC
Wed	12 Jun	1700-2100	432MHz FT8 AC (4 hours)
Wed	12 Jun	1900-2100	432MHz FT8 AC (2 hours)
Thu	13 Jun	1900-2130	50MHz UKAC
Sat-Sun	15-16 Jun	1400-1400	50MHz Trophy Contest
Tue	18 Jun	1900-2130	1.3GHz UKAC
Thu	20 Jun	1900-2130	70MHz UKAC
Sun	23 Jun	900-1200	50MHz Contest CW
Tue	25 Jun	1830-2130	SHF UKAC

<u>Date</u>	<u>Time UTC</u>	<u>Contest Name</u>	<u>Sections</u>	<u>Ch'ship</u>
<b>4 May</b>	<b>1400-2200</b>	<b>432MHz Trophy</b>	<b>O, SF</b>	<b>CDARS</b>
<b>4-5 May</b>	<b>1400-1400</b>	<b>432MHz ,, 245GHz</b>	<b>O, SF</b>	
<b>5 May</b>	<b>800-1400</b>	<b>10GHz Trophy</b>	<b>O, SF</b>	<b>CDARS</b>
<b>12 May</b>	<b>900-1200</b>	<b>70MHz CW</b>	<b>AO, AR &amp; AL</b>	
13 May	1900-2030	80m CC SSB	100W, 10W	NRC
<b>18-19 May</b>	<b>1400-1400</b>	<b>144MHz May</b>	<b>O, 6O, SF, SO &amp; 6S (6hr option)</b>	<b>CDARS</b>
<b>19 May</b>	<b>1100-1500</b>	<b>1st 144MHz</b>	<b>Backpackers 5B, 25H</b>	<b>Solo</b>
22 May	1900-2030	80m CC Data	100W-A, 10W-A, 100W-U, 10W-U	NRC
30 May	1900-2030	80m CC CW	100W-A, 10W-A, 100W-U, 10W-U	NRC
<b>9 June</b>	<b>900-1300</b>	<b>2nd 144MHz</b>	<b>Backpackers 5B, 25H</b>	<b>Solo</b>
10 Jun	1900-2030	80m CC Data	100W-A, 10W-A, 100W-U, 10W-U	NRC
<b>15-16 Jun</b>	<b>1400-1400</b>	<b>50MHz Trophy</b>	<b>O, 6O, SF, SO &amp; 6S (6hr option)</b>	<b>CDARS</b>
19 Jun	1900-2030	80m CC CW	100W-A, 10W-A, 100W-U, 10W-U	NRC
<b>23 Jun</b>	<b>900-1200</b>	<b>50MHz CW</b>	<b>AO, AR &amp; AL</b>	
27 Jun	1900-2030	80m CC SSB	100W, 10W	NRC
1 Jul	1900-2030	80m CC CW	100W-A, 10W-A, 100W-U, 10W-U	NRC
<b>6-7 Jul</b>	<b>1400-1400</b>	<b>VHF NFD</b>	<b>O, R, L, M, MS, FSO &amp; FSR</b>	
<b>7 Jul</b>	<b>1100-1500</b>	<b>3rd 144MHz</b>	<b>Backpackers 5B, 25H</b>	<b>Solo</b>

# For sale and wanted

If anyone has anything for sale, or looking for that elusive item, then this is the place to post. Photo's and descriptions will help, email me at [cdarsnews@gmail.com](mailto:cdarsnews@gmail.com)

Listed below are items that the club no longer has a use for. If you are interested in any item then please email Malcolm G3ZNU, [malcolm@luthien.co.uk](mailto:malcolm@luthien.co.uk), to arrange collection.

			Notes	eBay range	Member Price
<b>Rigs</b>	Icom IC-48E transceiver	70cm FM	Less mic	None listed	£20.00
<b>Antenna accessories</b>	Heathkit SWR meter S.E.M. QRM eliminator	HF		Radioworld £60	£10.00 £20.00
<b>Test equipment</b>	Haoxin HC-F2700L multifunction counter Amtron UK552 counter Hantek 1008C 8 channel oscilloscope	Upto 2.7GHz ? Up to 600MHz? For interfacing to PC		Similar £90 None listed	Offers Offers
<b>Ex-G3XZG</b>	Sommerkamp FT690 BNOS 6m linear nominal 100w	6m all mode For use with FT690	No pictures No pictures	One on at £100	£40.00 £20.00



<<<< Icom IC-48E >>>>



<<<< Heathkit SWR Meter >>>>



<<S.E.M QRM Eliminator>>





<<<< Haoxin HC-F2700 >>>>  
Multifunction Counter



<<<< Amtron UK552 >>>>  
Counter



<<<< Hantec 1008C  
8 Channel Oscilloscope



## Antennas (All below open to offers)

144MHz Ringo Ranger - *Good Condition*

4m whip, PL259 termination - *Needs Mag Mount*

Mirfield Electronics ME270 2m/70cm colinear - *1.2m long*

? 4 ele 4m beam, with boom strengthener

HF doublet with ladder line feeder - *Needs ATU*

? 9 ele 2m Tonna beam - *Missing one element Claimed*

Diamond W735 80m / 40m loaded dipole - *As New*

G5RV with ladder line

Scanner / handie mag mounts, selection - *Dubious Quality*



# Dates For Your Diary



**Below are a number of dates for special event weekends that take place through the year. A chance to get some 'special' callsigns in the log.**

Mills on the Air - Organised by Denby Dale RS - 11th/12th May 2024.  
(CDARS at Brill Windmill tbc)

Islands on the Air - Organised by IOTA Management & RSGB - 27th/28th July 2024.

Railways on the Air - Organised by Bishop Auckland RAC - 28th/29th September 2024.

**Listed below are dates of RSGB, UK and International contests for 2024.**

ARRL Digital DX Contest - 1st/2nd June 2024

Practical Wireless QRP Contest - 8th/9th June 2024

UK Six Metre Group Summer Contest - 1st/2nd June 2024.

VHF NFD - 6th/7th July 2024. (CDARS at Wiggington tbc)

SSB NFD - 7th/8th September (CDARS at Wiggington tbc).

CQWW RTTY Contest - 26th/29th September 2024

CQWW DX SSB Contest - 26th/27th October 2024.

CQWW DX CW Contest - 23th/24th November 2024.

ARRL 10m DX Contest - 14th/15th December 2024

***Please double check dates, start/end times etc in good time prior to the event.***

# Radio Rally Dates.

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Full details of the events are available at: [g4gra.org.uk/All.html](http://g4gra.org.uk/All.html)

## May 2024

5th - Lough Erne ARC 40th Annual Radio Rally

19th - Dartmoor Spring Radio Rally

26th - Durham & District ARC Radio Rally

## June 2024

9th - Mendips Rally, Somerset.

9th - Junction 28 Radio Rally, Alfreton, Derbys.

15th - Rochdale & DARS Summer Rally

16th - East Suffolk Wireless Reviva I / Ipswich Radio Rally

23rd - Newbury 35th Radio Rally.

## July 2024

14th - McMichael Radio Rally, Reading.

21st - Finningly ARS Rally, Doncaster

28th - Wiltshire Radio Summer Rally, Kingston Langley.

## August 2024

4th - Kings Lynn ARC 34th Great Eastern Rally

11th - Flight Refuelling ARS Hamfest, Wimborne, Dorset

25th - Torbay Annual Comms Fair, Newton Abbot, Devon

25th - Milton Keynes Radio Rally, Loughton Lodge, Milton Keynes

26th - Huntingdon ARS Annual Rally, St Neots, Cambs.

*(All information courtesy of [g4gra.org.uk](http://g4gra.org.uk))*

