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Cockenzie & Port Seton Amateur Radio Club is affiliated to the Radio Society of Great Britain and holds the call signs MM0CPS and GM2T which are used for our special event and contest entries. The Club was formed by Bob Glasgow BEM GM4UYZ in 1984, to help the local amateurs get to know each other.

Far from being just a local club we have members regularly attending from the Borders, Dumfries, Strathclyde, Fife and Newcastle. We have supported the British Heart Foundation for many years and to date we have raised £19,136 for them

The Club meets on the first Friday of every month in the lounge of the Thorntree Inn on the old Cockenzie High Street from 7pm till late.

Club email

cpsarc@gmail.com



Editorial

May already who can believe that, where has the last four months gone, they have just vanished. It is also hard to believe that we will soon be into the major holiday season of the year. Well, all I can say where has the year disappeared too. I had great plans to play more radio, do more on my family research but alas it has not happened. This year I will get around to some of the "best laid plans"

First, some sad news Bill Carroll sadly passed away on Monday 1st April aged 88. In the early years Bill was a regular on club night before he spent time abroad. It goes without saying that we pass on our deep condolences to his family and friends currently RIP Bill

So, what has happened this month, from the club events point of view, our Monthly Activity Day, GMDX convention or normal visit to Blackpool for the NARSA Blackpool Rally all happened. On the Training front I have started a Foundation Licence Training course with two candidates of which one is a 10-year-old candidate, and the other is 87 so opposite ends of the age spectrum, so I wish them all the best. After that I am taking a well-earned rest before starting up in late August/September the plan will be to return to a structured training program as was pre-covid. Before I set dates, I need to get a copy of the new syllabus and alter all my training PowerPoints as the new Licence Conditions come into play from the 1st September, so please bear with me if

I am late in getting started as it will be due to not having the latest syllabus. My training Program dates for the 2024/2025 training see above for what is happening. They are now Face-to-Face classes, and we are now based at the Royal British Legion in Cockenzie. If you or anyone you know is interested, then please contact me at bob.gm4uyz@talktalk.net .

To the future, this month we have our annual 1st DF night, Friday 17th May on 144MHz, Rules will hopefully be attached to the newsletter plus can found up on the website as well. The fox again is Ricky GM1PLY. Starting location is the old Pond Hall car park. Take the left hand turning after the garage if you are driving east and head the 100 yards down to the bottom of the road. If you go too far you will be in the sea.... It starts at 19:00, assemble at 18:30. This is a fun night and has produced many funny stories over the years that we have done it so come on folks come along and join in I can assure you; you will have fun. (DF'ing is not as easy as you think).

Also a new event this year is to do a SOTA Activation and North Berwick Law has been chosen (GM/SS-280). It is happening on Tuesday 14th May starting at 18:00. Everyone is welcome to come and take part and I hope many of you do. Plan is to meet prior to 18:00 at the car park at the bottom of North Berwick Law. Full details of what is required can be found in the article -Summits on the Air in this month's Newsletter

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Also starting soon is the "Contesting Season," as I like to think about it with PW QRP, 6M Trophy, VHF Field Day, IOTA from Tiree this year and CQWW SSB. At present there are no changes, and it is back to full operating options. Announcements will once again be placed on the Club's website and Facebook Page if they are happening. Moving on, one thing that has come out of the Tiree organisation is finding out who is going and who is not as this has enabled operating rota's to be produced which at the end of the day does give everyone a "play at radio" but as important, a well-earned rest. If you have not done any contesting, why not come and give it a try you may just like it. I do admit it is like the "old" CW scenario you either love it or hate it.

Not to forget those not interested in contesting we have been unable to setup any special events, but we are working on it, so not confirmed as yet. Lighthouse Weekend at

Barns Ness is also a no-go as cannot get the house and even if we did the cost is astronomical which really takes it away from us. Sad to say everywhere is now all geared around money so it is getting harder and harder to do anything. It is not about, not wanting to do them it is the costs that are killing it. Please do not forget the Club's Activity Night in May and June as well. As you can see there is still scope for getting on the air one way or another.

That is it then with something for you all to think about enjoy the newsletter and we will see you all on DF night and all our other events if they can go ahead.

Bob GM4UYZ

Braehead Rally

Sunday 19th MAY 2023

10:00 – 16:00

Entry £4.00

It is being held in the Braehead Arena which is to the west side of Glasgow not far from Glasgow Airport

Address:

Braehead Arena,
150 Kings Inch Road
Glasgow
G51 4BN.

We do not have many rallies in Scotland so a chance to visit one.

Club Attire

The club has a design for Club T-shirts, Polo-shirts, Sweat-Shirts, Fleeces and Jackets and all of these can be obtained from Patricia Bewsey Designs

When making an order please quote 'Cockenzie & Port Seton Amateur Radio Club' to ensure that the Club Logo will be placed on the required garments.

Cost will depend on garment and should cover the garment and logo, call sign addition will be extra.

If you wish to add your call sign to the logo then please ask at the time of the order.

Order from:

PATRICIA BEWSEY DESIGNS,

Tel/Fax: 01620 850788

Mobile: 07970 920431

Email: patricia.bewsey@gmail.com

Note: the shop at Fenton Barns is now closed

Activity Week Report

APRIL 2024 Activity Day – between 13th to 19th April 2024
00:00 to 23:59 – Every Day

Choices: One of the following

Your selected day within the week

Multiple days within the week

Every single day of the week

This was our Fourth of 2024 where you can select one of the above during the one-week selected period..... so reports below on who or who did not manage to take part.

Activity Day Rules and updated log sheet for 2024 have now changed:

These can be downloaded using the following link: <http://cpsarc.com/downloads/>

FILES for 2024

Look under Downloads for the Downloadable files then you are all ready for the 2024 Activity Days.

The 2024 files are as follows.

There will be new files for 2024 Activity Week, and these are.

2024 New Monthly Activity Week Rules V9.docx

2024-ACTIVITY-FULL-WEEK-LOGSHEET-V1.8.xlsx

Apologies first:

Pete MM0INE

Sorry Bob, no log this time. Been out of action for over a week with a nasty cough/chest infection. Just starting to get back to some kind of normality now. Should be back on the air soon.

Paul 2M0PGO

Sorry Bob, no log this time

Cephas MM0INS

Sorry Bob, no log this time

Craig MM0NBW

Sorry Bob, no log this time

Tommy 2M0EGH

Sorry Bob, no log this time

Reports:

Bob GM4UYZ

Took part in the OK/OM SSB contest and only managed 6 QSO's and those were a struggle. Normally working OK/OM stations is easy for me but if honest the band didn't seem in a good shape. Then switched to DATA for the rest of the week apart from 1 CW QSO, my weekly CW QSO with Ronan MM0IVR. Not as many contacts this month due

to other commitments that I had on.

Martyn MM0XXW

Not such a massive list this month but a couple of nice ones in BD4UJ, BG0CAB, HP2NG, PY2DPM, VP8WA, W6TJK (who actually was in California!), and VK3SIM.

The higher bands are in good shape at the moment so I might have a chance to catch up with Brian!

Keith MM0KTC

Log (singular) attached.

Thomas M0THL

Log attached, a few from the OK-OM contest and I worked a group that were on Coll for a week, GB0SIC.

Bob MM0LBF

Please see attached. Sorry for delay; but have been using two new (to me) rigs ie Yaesu FT-920(100watts) and Xiegu G90(20watts) SDR; either on a Loft Wire with 9:1 UNUN or Vertical CH250 on roof - so built up a good few this month.

David MM0XDG

Here you go. CW QRP wins the day for me again, including a new one down to French Guiana. Pleased with that! Afraid I got my Sundays mixed up - I thought it was the Sunday at the end of the week, not the beginning of the week, so I've included that anyway!

Ronan MM0IVR

Here's this month's Activity Week log. It's the usual mix with just one minor drop of interest on the 13th with the A8OK DXpedition team in Liberia managing to hear my 10 watts. I was chuffed with that as they were working a fairly hefty pile-up. I'm not going to say that next month will be better, as I seem to say that every month at the moment ☐

Brian M0RNR

3G0YA – Easter Island 10m for an ATNO

TT8XX – Chad for an ATNO

The rest are pretty much routine Data contacts but pushes my DXCC up nicely for the year to 160 DXCC and 518 DXCC slots

Derek MI0WST

I listened out on Wednesday night for the club CW net but couldn't hear anything from NI as expected. I spent the week dipping into contests, Yuri Gagarin, CWOPs, NTC, event stations and a few rag chews. Next activity window I might try QRP on my KX1 for a change. The only thing that puts me off is the lack of CAT control which means manually logging the contacts, but hey ho!

Colwyn MM0YCJ

Yes finally, I have the April activity week log for you. We are motoring home and are currently driving across Germany after a radio SOTA trip to the northwest of the Czech

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Republic. I managed to radio from two Czech summits OK/PL-088 Perchov and OK/KA-001 Klínovec in Czechia Karlovarský. But back to the activity week.

I managed to get on air 4 times during our April activity week. They were all SOTA activations, three in Austria and once in Germany.

On Sunday the 14th April I was out in a ski mountaineering party of three and in lovely weather we managed to

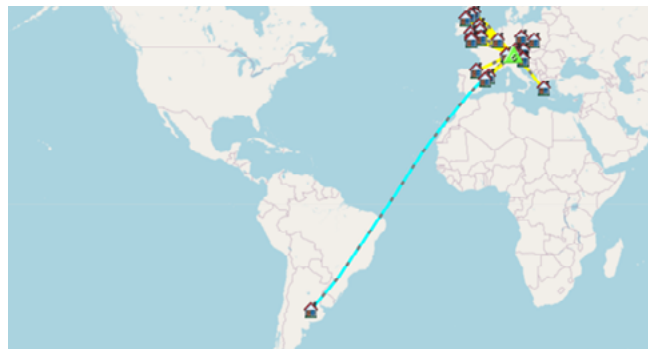


reach the summit of The Windacher Daunkogel, a 3,348 metre peak (SOTA reference; OE/TI-736). It had a fairly easy ski approach then a mental rock and snow ridge to the summit dome and a short walk in deep snow to the top. It has never had a radio broadcast before so I was chuffed to be the first SOTA activator up there, OE/M0YCY/P. I used a KX2 (10 watts) SSB with an inverted-V dipole held centrally on a 2.5 metre avalanche probe. I made 20 QSOs on 20 metres with the furthest being a Portuguese station CT1DIZ at 1881KM, but closely followed by Steve in Greenock (MM0XPZ). It was a long way back to the Stubai ski area after climbing the summit but a fantastic day out.

The photo by a friend Mark Litterick shows my XYL Ann and myself climbing the final few metres onto a separate glacier we had to cross twice; once to get to the peak, the second time to get back to civilisation.

Monday the 15th April I was out again and as the weather was not great I walked up a modest peak near Innsbruck called Grünberg (OE/TI-564). It was a pleasant walk through Beech woods then Conifers up to the summit which had a large summit tower. I think these were previously used for spotting forest fires but are now either derelict or maintained for tourists to get above the trees and appreciate the panoramic views. The photo shows the summit tower which was closed, so of course I did not climb up it! It might have helped a VHF QSO? My temporary radio shack is in front with a red rucksack, the KX2 (10 watts) with an inverted-V dipole held centrally on a 2.5 metre avalanche probe. I made 29 QSOs SSB. Two on 10 meters with one an 11,727

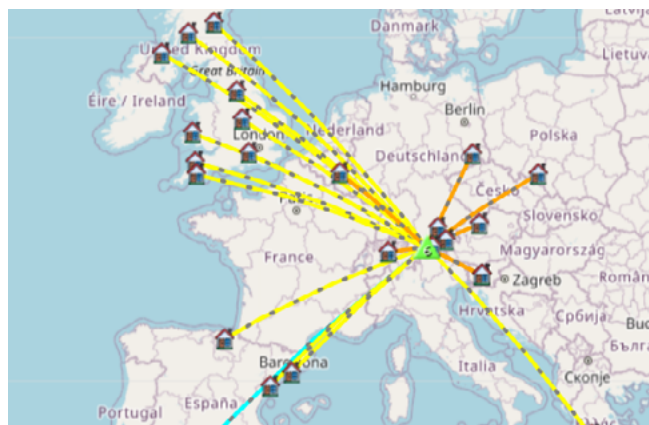
Km contact in Argentina (LW2DO), see the QSO maps. There were 17 QSOs on 20 meters and the remainder (10 QSOs) on 40 metres. A good number and this despite a few rumbles of thunder in the distance, but nothing on VHF.



On Tuesday the 16th April I walked up the adjacent hill, Simmering (2096 metres) and found a surprising amount of snow on the summit (SOTA reference OE/TI-429). However, as the photo shows there was a red park bench on the top as well as the summit cross. I made 21 QSOs on SSB with the same rig except I used an end fed half wave straight wire with a 20/40 metre trap. Four QSOs were on 20 meters and included a Turkish station. The remaining 17 were on 40 metres with nothing on 10 metres or VHF. It turned into a delightful afternoon with a pleasant walk back down to the valley.

Thursday the 18th April was the final radio outing in Southern Germany. We drove to the Blomberg ski area which was closed owing to there being almost no snow. On the opposite (north) side of the road we climbed a very short way up onto the summit of Hoehenberg (958 metres, QTH Locator: JN57nn, SOTA reference DL/AM-179). Using the KX2 and the end fed half wave antenna I made only 12 QSOs on SSB. One on 10 metres, one on 40 metres and ten on 20 meters. The furthest being Victor (G10ONL) in Northern Ireland followed by GM0AXY and GM4YMM, Ken and Christine in Edinburgh.

A most enjoyable and active activity week for me.



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Summary

DATA is the winning mode this month with 271 QSO's (163- FT4, 108- FT8, 0 - PSK31, 0 - PSK63, 0 - RTTY). next best was SSB with 113 QSO's Out of the 525 QSO's where: CW = 135, SSB = 119, DATA = 271, FM = 0, AM = 0.

Best DX for the week for each Mode highlighted below:

HF CW, DATA & SSB

CW	Sat	21	KA1S	8014	MM0LBF
	Sun	21	R9MM	4752	MI0WST
	Mon	21	W0EAS	4968	MI0WST
	Tue	18	R0RIVA	2071	MM0XDG
	Wed	21	AC1RM	4865	MI0WST
	Thu	14	N3JT	5462	MI0WST
	Fri	28	SZ0WARD	2823	MM0XDG

Logged DATA QSO's were FT8 (108) & FT4 (163) & RTTY (0)

DATA	Sat	21	VK4SHG	16142	M0RNR	FT8
	Sun	18	VK3SIM	16887	MM0XXW	FT4
	Mon	18	JA1BOP	9105	GM4UYZ	FT8
	Tue	14	VK5MN	16275	GM4UYZ	FT4
	Wed	14	RV3TG	2903	GM4UYZ	FT4
	Thu	14	RA0SCA	5774	GM4UYZ	FT4
	Fri	24	E21EIC	9560	M0RNR	FT8

SSB	Sat	14	T77	1717	MM0LBF
	Sun	14	CT1DIZ	1881	OE/M0YCJ/P
	Mon	28	LW2DO	11727	OE/M0YCJ/P
	Tue	14	AO75PA	1722	MM0LBF
	Wed	14	TF3WARD	1389	MM0LBF
	Thu	28	3G0YA	13577	M0RNR
	Fri	21	YO1ZWR	2405	MM0LBF

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DATA	Sat	0	0	0	0	0
	Sun	0	0	0	0	0
	Mon	0	0	0	0	0
	Tue	0	0	0	0	0
	Wed	0	0	0	0	0
	Thu	0	0	0	0	0
	Fri	0	0	0	0	0

FM	Sat	0	0	0	0
	Sun	0	0	0	0
	Mon	0	0	0	0
	Tue	0	0	0	0
	Wed	0	0	0	0
	Thu	0	0	0	0
	Fri	0	0	0	0

As much as the above are the best statistics for all the modes in many ways it favours those who can run full power. To that end I have decided to break it down to four different power levels.

Power Level 1 to 10W (Caters for Foundation Holders and QRP Operators)

Power Level 11 to 50W (Caters for Data Modes and Intermediate Licence Holders)

Power Level 51 to 100W (Caters for those who have a Full Licence)

Power Level 101 to 1000W (Caters for those who have a Full Licence and have Higher Power capabilities)

Clublog Table

Rank	Callsign	160	80	60	40	30	20	17	15	12	10	6 DXCC	Slots	Range
1	M0RNR	7	6	21	52	46	82	58	73	55	119	1	161	520 25 yrs
2	MM0XXW	0	22	6	49	90	60	73	79	48	30	1	134	458 18 yrs
3	MM0DXH	0	0	0	0	0	59	0	39	0	54	0	87	152 21 yrs
4	GM4UYZ	0	2	0	15	5	44	28	34	19	22	0	70	169 44 yrs
5	2M0EGH	0	0	0	0	2	20	7	27	11	23	0	55	90 7 yrs
6	MM0NBW	0	0	0	0	0	6	2	0	0	2	0	9	10 7 yrs
7	2M0BEC	0	0	0	0	0	3	0	0	0	0	0	3	3 18 yrs

The Clublog Tables continue into 2024 and Brian M0RNR is in the lead with 161 DXCC followed by Martyn MM0XXW on 134

Power Level 1 to 10W (Caters for Foundation Holders and QRP Operators)

MODE	DAY	BAND	Power	CALLSIGN	DISTANCE	OPERATOR	DATA MODE
AM	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
	Fri	0	0	0	0	0	
CW	Sat	28	10	A8OK	5599	MM0IVR	
	Sun	0	0	0	0	0	
	Mon	21	10	AO75AN	1729	MM0IVR	
	Tue	18	5	R0RIVA	2071	MM0XDG	
	Wed	0	0	0	0	0	
	Thu	21	5	AO75AM	1733	MM0XDG	
	Fri	28	5	SZ0WARD	2823	MM0XDG	
DATA	Sat	0	0	0	0	0	0
	Sun	0	0	0	0	0	0
	Mon	0	0	0	0	0	0
	Tue	0	0	0	0	0	0
	Wed	0	0	0	0	0	0
	Thu	0	0	0	0	0	0
	Fri	0	0	0	0	0	0
FM	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
	Fri	0	0	0	0	0	
SSB	Sat	0	0	0	0	0	
	Sun	14	10	CT1DIZ	1881	OE/M0YCJ/P	
	Mon	28	10	LW2DO	11727	OE/M0YCJ/P	
	Tue	14	10	YM3VBR	1646	OE/M0YCJ/P	
	Wed	0	0	0	0	0	
	Thu	28	10	EA8MT	3141	OE/M0YCJ/P	
	Fri	0	0	0	0	0	

Power Level 11 to 50W (Caters for Data Modes, Foundation and Intermediate Licence Holders)

MODE	DAY	BAND	Power	CALLSIGN	DISTANCE	OPERATOR	DATA MODE
AM	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
	Fri	0	0	0	0	0	
CW	Sat	18	15	AO75AN	1729	MM0IVR	
	Sun	14	20	IT3AAV	2044	MM0LBF	
	Mon	0	0	0	0	0	
	Tue	14	20	DL1GQF	1142	MM0LBF	
	Wed	14	15	GM4UYZ	7	MM0IVR	
	Thu	14	15	IQ4RN	1719	MM0IVR	
	Fri	0	0	0	0	0	
DATA	Sat	18	50	JG8LOL	8501	GM4UYZ	FT4
	Sun	18	50	VK3SIM	16887	MM0XXW	FT4
	Mon	18	50	JA1BOP	9105	GM4UYZ	FT8
	Tue	14	50	VK5MN	16275	GM4UYZ	FT8
	Wed	14	50	RV3TG	2903	GM4UYZ	FT4
	Thu	14	50	RA0SCA	5774	GM4UYZ	FT4
	Fri	21	50	CO8LY	7021	GM4UYZ	FT8
FM	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
	Fri	0	0	0	0	0	
SSB	Sat	7	50	HA3DX	1530	M0THL	
	Sun	14	20	TF3XL	1409	MM0LBF	
	Mon	14	20	AO75CL	1722	MM0LBF	
	Tue	7	50	GB0SIC	638	M0THL	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
	Fri	0	0	0	0	0	

Power Level 51 to 100W (Caters for those who have the Intermediate and Full Licence)

MODE	DAY	BAND	Power	CALLSIGN	DISTANCE	OPERATOR	DATA MODE
AM	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
	Fri	0	0	0	0	0	
CW	Sat	21	100	KA1S	8014	MM0LBF	
	Sun	21	100	R9MM	4752	M10WST	
	Mon	21	100	W0EAS	4968	M10WST	
	Tue	18	100	LY2PX	1806	M10WST	
	Wed	21	100	AC1RM	4865	M10WST	
	Thu	14	100	N3JT	5462	M10WST	
	Fri	14	100	MM6KOE	8	MM0LBF	
DATA	Sat	0	0	0	0	0	0
	Sun	0	0	0	0	0	0
	Mon	0	0	0	0	0	0
	Tue	0	0	0	0	0	0
	Wed	0	0	0	0	0	0
	Thu	14	100	IZ3QCH	1518	GM4UYZ	FT4
	Fri	0	0	0	0	0	0
FM	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
	Fri	0	0	0	0	0	
SSB	Sat	14	100	T77	1717	MM0LBF	
	Sun	14	100	OM4MM	1825	MM0LBF	
	Mon	14	100	LA1CI	1917	MM0LBF	
	Tue	14	100	AO75PA	1722	MM0LBF	
	Wed	14	100	TF3WARD	1389	MM0LBF	
	Thu	0	0	0	0	0	
	Fri	21	100	YO1ZMR	2405	MM0LBF	

Power Level 101 to 1000W (Caters for those who have a Full Licence and have Higher Power capabilities)

MODE	DAY	BAND	Power	CALLSIGN	DISTANCE	OPERATOR	DATA MODE
AM	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
	Fri	0	0	0	0	0	
CW	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
Fri	0	0	0	0	0		
DATA	Sat	21	300	VK4SHG	16142	MORNR	FT8
	Sun	28	300	VP8YLJ	12973	MORNR	FT8
	Mon	0	0	0	0	0	0
	Tue	18	300	A71UN/P	5430	MORNR	FT8
	Wed	0	0	0	0	0	0
	Thu	0	0	0	0	0	0
	Fri	24	300	E21EIC	9560	MORNR	FT8
FM	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
SSB	Sat	0	0	0	0	0	
	Sun	0	0	0	0	0	
	Mon	0	0	0	0	0	
	Tue	0	0	0	0	0	
	Wed	0	0	0	0	0	
	Thu	28	1000	3G0YA	13577	MORNR	
	Fri	14	1000	4U1A	1570	MMOKTC	

The turnout out this month was excellent with a total of ten people taking part.

Thanks to everyone for your logs they are so much appreciated, and I hope you continue for 2024 and into the future

Below is something I have been looking at more for curiosity's sake is to see the most active days of the week that people take part in the Activity Week and on what modes.

Total QSO's Per Day

Day of the Week	Total QSO's	MODE				
		AM	CW	DATA	FM	SSB
Sat	107	0	57	37	0	13
Sun	124	0	5	92	0	27
Mon	67	0	7	26	0	34
Tue	62	0	6	30	0	26
Wed	67	0	37	29	0	1
Thu	53	0	18	22	0	13
Fri	45	0	5	35	0	5
	525					

The next Activity Day is any day starting on the week beginning the 11th and ending on the 17th May 2024 the Fifth for 2024.

New log sheet for the 2024 Activity Weeks, [2024-ACTIVITY-FULL-WEEK-LOGSHEET-V1.8.xlsx](#)

Participants

Summary of who did what:

Out of the 525 QSO's where: CW = 135, SSB = 119, DATA = 271, FM = 0, AM = 0.

Bob GM4UYZ CW: 1 x 20M
DATA: 17 x 40M, 5 x 30M, 91 x 20M, 24 x 17M, 26 x 15M, 6 x 12M, 6 x 10M
SSB: 6 x 20M

Derek MI0WST CW: 10 x 40M, 1 x 30M, 45 x 20M, 7 x 17M, 37 x 15M, 1 x 12M

David MM0XDG CW: 1 x 40M, 1 x 20M, 2 x 17M, 2 x 15M, 1 x 10M

Keith MM0KTC SSB: 1 x 20M

Martyn MM0XXW DATA: 7 x 20M, 20 x 17M, 25 x 15M

Ronan MM0IVR CW: 5 x 20M, 1 x 17M, 2 x 15M, 1 x 10M

Thomas M0THL SSB: 10 x 40M

Bob MM0LBF CW: 10 x 20M, 7 x 15M
SSB: 16 x 20M, 3 x 15M

Colwyn OE/M0YCY/P SSB: 24 x 40M, 55 x 20M, 3 x 10M

Brian M0RNR DATA: 2 x 80M, 2 x 60M, 1 x 30M, 3 x 20M, 6 x 17M, 22 x 15M, 8 x 12M, 2 x 10M
SSB: 1 x 10M

If you wish to see where all your contacts were within the world upload your ADI file to <http://analyzer.adventureradio.de/> where there are various options that can be looked at e.g. Band, Mode, etc

A nice piece of software – Thanks to Jimi MM0JTX for the heads up on this.

Thanks for taking part in the activity day week and I hope you will continue to do so for 2024. The dates for 2024 are now set, see the above table so would love to see more on as well so why not make it your 2024 target.

Bob GM4UYZ

CPSARC Summits on the Air



Summits On The Air

SOTA Awards & Merchandise

18:00 hours on Wednesday 28th May 2024

North Berwick Law (GM/SS-280) is a fine SOTA peak! The peak is modest at 178 metres high, and the western car park is about 40 metres ASL. So, there is a 138-metre vertical distance to climb. Meet at the North Berwick Law car park; UK Nat Grid NT553843 on the west side of the Law. To get there take the B1347 heading south out of North Berwick. About 100 metres or so after you pass the Community Centre and High School on your right there is a sharp right-hand bend in the road with a narrow road going straight ahead (left) to the car park. Public transport could be used to North Berwick train station with a walk of about 2km to the car park. From there plenty of well-worn tracks lead to the summit from where there are good views all around over East Lothian and out to some of the islands in the Firth of Forth such as Bass Rock, Fidra, The Lamb, Craigeith and on a good day, out to the Isle of May. Many thanks to Ken (GM0AXY) for this parking information who along with his wife Christine (GM4YMM) were the first people to radio from the summit.

The path is quite steep but there are no other ascent options. We are in no hurry to reach the top and we certainly do not want to be breathless on arrival, so the ascent will be slow and steady. It may be muddy. I suggest boots or stout shoes for walking up North Berwick Law, a warm and waterproof jacket and hat, portable and battery-operated radio kit, something to sit on - a camping mat or even a picnic chair is ideal but remember you must carry it both up and down the hill. Perhaps put everything in a rucksack and use walking poles if you have them, as they can also be used to secure an antenna wire.

We plan to spend a couple of hours on top using the radios. Everyone should bring a handie as there have been over one hundred 2 metre QSOs and a few on 70cms.

The antenna folk might use for the 144MHz DF Fox Hunt event the week before would be portable and easily good enough.

If any CPSARC members do not plan to climb North Berwick Law, it would be good if they were on-air that evening on 2m or 70cms so we can make plenty of contacts. My own visit was on 19th May 2013 and I made 8 QSOs on 2m, 5 of them with other SOTA activators on a summit in both

Scotland and one in the Lake District in England.

On the SOTA website (<https://summits.sota.org.uk/activity/GM/SS-280>) there have been 58 occasions recorded when radio hams have broadcast from the top (16/4/2024), so it is a reliable radio summit.

If anyone has battery operated portable HF radio gear and a suitable lightweight antenna, then please bring them along and we will see how many different bands we can use during the evening.

If the weather is not fine, there are areas where we can shelter from the rain or wind after setting up an HF antenna. But let us hope for good weather and good DX.

If anyone has any questions, please get in touch; colwyn.jones@hotmail.com

N. Berwick Law QSO Bands (58 activations)

Band	QSOs
60m	116
40m	241
30m	60
20m	122
17m	2
10m	51
4m	3
2m	166
70cm	7

See you on 28th May.

73

Colwyn (MM0YCJ)

Blackpool Rally Trip

20-21st April 2024

Saturday

Once again, the club outing visited Blackpool to attend the Norbreck Rally. Originally there were 12 of us but three had to pull out for assorted reasons. The group that went were John MM0CCC, Robin MM0VTV, Cephass MM0INS, John MM0JXi, Paul 2M0PGO and Michael 2M0ILZ, Tommy 2M0EGH, James MM7FBU and me GM4UYZ.

We split up into three cars –

Car 1 - John MM0CCC, John MM0JXI & Tommy 2M0EGH,
Car 2 – Robin MM0VTV, Cephass MM0INS and James MM7FBU,

Car 3 – Paul 2M0PGO, Michael 2M0ILZ and me.

The cars left various locations at 09:00 and headed to Howgate where we stopped to pick up Tommy before we headed as a "convoy" to Blackpool. Our first stop was at the Gretna services so everyone could get a coffee top up before heading to Blackpool. We were staying at the Premier Inn (Yeadon Way) for the one night arriving at 14:15 as we could not book in until 15:00 we headed to the bar, although I had gone to reception and announced our arrival. The back of 15:00 I got everyone checked in and their rooms allocated. Something wrong there I was doing the running about whilst they were in the bar... Later we decided that we needed to organise taxis to take us to the Stone Grill up in Bispham. Handy to do this as there is a phone in reception so you just pick it up and it goes direct to the taxi firm booking desk. Two taxis booked for 17:15 giving us time to get to the restaurant for the 18:00 booking. It needed to be that time for booking as Blackpool was remarkably busy with traffic.

Thanks to John MM0CCC for making the booking on behalf of us all. I personally like the Stone Grill as you can pick your steak and cook it on an extremely HOT LAVA stone to your own personal liking. We all enjoyed our meal and after that we decided as it was a nice night to have walk back towards the town center. We managed about a mile before we flagged down a taxi to take us back to the Premier Inn. We could not go to the high spots there as Michael was with us and he is only 14 so Premier Inn bar again. We all settled down but then found out closing time was 10:00 so it was an early night for us, personally suited me as I was feeling knackered.

Sunday

Breakfast was booked for 09:00 so we had a nice leisurely breakfast before checking out the Premier Inn and leaving about 10:15 for the Norbreck Castle Hotel (Rally location). Due to the Blackpool Marathon happening along the promenade and lots of roads closed we went to the rally via the back roads, thank goodness to Sat-Nav and our professional taxi driver Robin MM0VTV we reached our

destination with ease. We parked up in the back streets near the hotel and went to the rally. Once inside it struck me that it was not as busy as normal and there seem to be lots of spare tables. Talking with a friend who is involved with the rally about this, she said that everyone of the tables were supposed to have "some allocated" to them but they had not turned up plus more annoying they had not even notified the organisers that were not coming.

The organisers were not happy, understandably so.

My purchase was only a new paper logbook, yes, I still use one... a few others bought radios, speakers, etc of which they seem to have purchased with good deals. I suppose that is what it is all about. It was also nice to catch up with a few people that I know, for me that is what I enjoy. After a number of trips round the rally decided to head for the coffee lounge and have a coffee. The rest of the group were also there so we made the decision to head back home. We left Blackpool about 1350 and headed north stopping at Tebay Services about 15:00 for some lunch before continuing home. John MM0CCC dropped Tommy 2M0EGH at Howgate to find that he had picked up a screw into one of his tyres. He called the RAC who came and fixed it by fitting a temporary patch which allowed him to get home. The rest of us all arrived home safely, thankfully. Thanks to everyone for a fantastic weekend and already looking forward to next year. Thanks for all your company with lots of laughs and banter that is what the trip is about plus it gives us lots of tales to tell on another CPSARC outing.



Contest Calendar

For anyone interested in contesting there is something for everyone. Contesting is not just about winning although that is the aim; it is about taking part, having some fun, honing your operating skills, helping you understand propagation and It is also a good opportunity to test out your station at home to see how it is performing.
Happy Contesting.....

Extracts are from the RSGB Radio Sport VHF & HF Contest, UKEICC Contest and the WA7BNM Contest Calendar see web links below:

<https://www.rsgbcc.org/cgi-bin/readcal.pl> - RSGB VHF Calendar

<https://www.rsgbcc.org/hf/> - RSGB HF Calendar

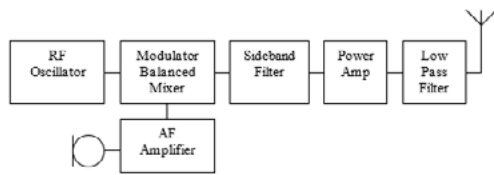
<https://www.ukaiccc.com/> - UKEICC Contest Calendar

<http://www.hornucopia.com/contestcal/perpetualcal.php> - WA7BNM Contest Calendar

May 2024	
AGCW QRP/QRP Party	1300Z-1900Z, May 1
10-10 Int. Spring Contest, CW	0001Z, May 4 to 2359Z, May 5
RCC Cup	0300Z-0859Z, May 4
SBMS 2.3 GHz and Up Contest and Club Challenge	0600 local, May 4 to 2359 local, May 5
ARI International DX Contest	1200Z, May 4 to 1159Z, May 5
7th Call Area QSO Party	1300Z, May 4 to 0700Z, May 5
RSGB 432MHz Trophy Contest	1400Z-2000Z, May 4
RSGB 432MHz – 245GHz Contest	1400Z, May 4 to 1400Z, May 5
Indiana QSO Party	1500Z, May 4 to 0300Z, May 5
Delaware QSO Party	1700Z, May 4 to 2359Z, May 5
New England QSO Party	2000Z, May 4 to 2359Z, May 5
MIE 33 Contest	2300Z, May 4 to 0300Z, May 5
RSGB 10GHz Trophy Contest	0800Z-1400Z, May 5
ARS Spartan Sprint	0000Z-0200Z, May 7
CQ-M International DX Contest	1200Z, May 11 to 1159Z, May 12
VOLTA WW RTTY Contest	1200Z, May 11 to 1200Z, May 12
SKCC Weekend Sprintathon	1200Z, May 11 to 2359Z, May 12
RSGB 70MHZ CW Contest	0900Z-1200Z, May 12
4 States QRP Group Second Sunday Sprint	0000Z-0200Z, May 13
RSGB 80M CC SSB	1900Z-2130Z, May 13
NTC QSO Party	1900Z-2000Z, May 16
NZART Sangster Shield Contest	0800Z, May 18 to 1100Z, May 19
His Maj. King of Spain Contest, CW	1200Z, May 18 to 1200Z, May 19
EU PSK DX Contest	1200Z, May 18 to 1200Z, May 19
Arkansas QSO Party	1400Z, May 18 to 0200Z, May 19
RSGB 144MHz May Contest	1400Z, May 18 to 1400Z, May 19
Baltic Contest	2100Z, May 18 to 0200Z, May 19
RSGB 144MHz 1st Backpackers	1100Z-1500Z, May 19
Run for the Bacon QRP Contest	2300Z, May 19 to 0100Z, May 20
RSGB FT4 Contest	1900Z-2030Z, May 20
SKCC Sprint	0000Z-0200Z, May 22
RSGB 80M CC DATA	1900Z-2130Z, May 22

Test Your Knowledge

1. The block diagram shows a transmitter suitable for



- a. AM
- b. FM
- c. CW
- d. SSB

2. SSB modulation consists of

- a. A radio frequency signal which is changing in frequency
- b. A single sideband with no carrier
- c. A single sideband with a full carrier
- d. Two sidebands and a full carrier

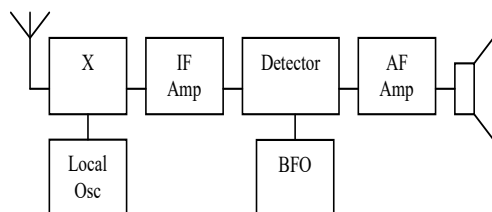
3. 600MHz is a harmonic of

- a. 30MHz
- b. 35MHz
- c. 460MHz
- d. 500MHz

4. One method of reducing harmonics from a transmitter is to

- a. Increase power
- b. Use an end-fed antenna
- c. Increase modulation
- d. Filter all external leads

5. The drawing shows a block diagram of a simple Superheterodyne receiver. What is the block marked X?



- a. Mixer
- b. Balanced modulator
- c. Power amplifier
- d. Audio frequency amplifier

6. A radio receiver is set to receive a signal on 1.9MHz and the local oscillator is on a frequency of 1.5MHz. What will the intermediate frequency be?

- a. 400kHz
- b. 500kHz
- c. 1500kHz
- d. 1900kHz

7. A receiver is being used to receive a CW signal on 10MHz. The receiver IF is set to 600 kHz. The BFO frequency will be approximately

- a. 599.3kHz
- b. 600kHz
- c. 610kHz
- d. 10MHz

8. In which of the transmitters would a balanced modulator be found?

- a. A Morse Code transmitter
- b. An FM transmitter
- c. An AM transmitter
- d. A SSB transmitter

9. Single sideband (SSB) transmission is a form of

- a. Amplitude Modulation
- b. Frequency Modulation
- c. Phase Modulation
- d. Pulse Modulation

10. Harmonic radiation from a transmitter may be reduced by

- a. Adjusting the receiver's audio gain control setting
- b. Fitting a low pass filter in the antenna feeder to the transmitter
- c. Placing a high pass filter in the mains lead
- d. The state of the sunspot cycle

DF Hunt Rules

Date : AS PER YEARS EVENTS CALENDAR – Friday 17th May 2024

Time : MEET AT 6:30PM FOR A BRIEFING PRIOR TO A 7:00PM START

Place : The CAR PARK at the Seafront (Where Old Pond Hall was)
(From Edinburgh turn 1st Left past the Garage)
PORT SETON
Grid Ref. NT408 759
ORDNANCE SURVEY LANDRANGER MAP No.66

Entry Fee : £2:00 PER PERSON, TO BE DONATED TO THE CLUB FUNDS

Frequency : 145.275MHz, FM, VERTICAL POLARISATION

Fox Call sign : GM1PLY/M

Fox Power &
Antenna : MAXIMUM 1W : ANTENNA ¼ WAVE VERTICAL

Hunt Area : THE FOX WILL BE LOCATED WITHIN THE AREA ON ORDNANCE SURVEY LAND RANGER MAP No.66 BOUNDED BY THE FIRTH OF FORTH TO THE NORTH, THE LINE JOINING GRID REF. NT560728 and NT560855 TO THE EAST, THE LINE JOINING GRID REF. NT370728 and NT370738 TO THE WEST. A SMALL MAP SHOWING THIS AREA WILL BE ISSUED TO ALL COMPETITORS AT THE START.

TX Times : TRANSMISSIONS BY THE FOX WILL BE 30 SECONDS EVERY 5 MINUTES. THE FIRST TRANSMISSION BEGINNING AT 7:00PM, FOLLOWING TRANSMISSION TIMES WILL BE 7:05PM, 7: 10PM.etc. THE FINAL TRANSMISSION WILL BE AT 8:45PM AND WILL REVEAL THE LOCATION OF THE FOX AND THAT OF THE POST HUNT MEETING. (Normally the Lounge Bar in the Thorntree Inn)

Access : THE FOX WILL BE IN A POSITION WHICH IS ACCESSIBLE BY CAR (4WD NOT NECESSARY!)

TX Ban : NO TRANSMISSIONS, OTHER THAN THOSE OF THE FOX, SHOULD BE MADE ON THE HUNT FREQUENCY AT ANY TIME DURING THE EVENT

Vacate : ONCE A TEAM HAS FOUND THE FOX, THEY SHOULD LEAVE THE IMMEDIATE AREA AND SHOULD NOT TRANSMIT ON ANY FREQUENCY WHILE IN THE VICINITY OF THE FOX

Equipment : ONLY ONE SET OF DF EQUIPMENT IS TO BE USED PER TEAM AT ANY ONE TIME.

Hunting : DURING THE HUNT PLEASE TRY TO BE CONSIDERATE TO OTHER ROAD USERS WHEN CHOOSING YOUR STOPPING POINTS ANY TEAMS FOUND TO BE BREAKING THE ROAD SPEED LIMITS IN ANY AREA WILL BE DISQUALIFIED IMMEDIATELY SIMILARLY, ANY TEAMS FOUND TO BE BREAKING ANY OF THE ABOVE RULES WILL BE DISQUALIFIED

Winner : "THE HYBSZER TROPHY" WILL BE PRESENTED TO THE DF WINNER. THE TROPHY WAS DONATED BY RON GMONTL IN MEMORY OF BILL GORDON MM0BXX/GM8ZLI WHO DIED IN JANUARY 2010.



Club Events

3-May-24	Club Night
11-17 May 2024	Activity Week
17-May-24	144MHz DF Hunt
19 May 2024	Braehead Rally - Braehead Area, Glasgow
28-May-24	Club SOTA Activation—North Berwick Law
1-Jun-24	Port Seton Gala Day
7-Jun-24	Club Night
8-14 June 2024	Activity Week
15/16 June 2024	Museums on the Air weekend (possibly Dunfermline Bus Museum)
28-Jun-24	Club Night (early due to VHF Field Day)
6/7 July 2024	VHF Field Day—Dumfries Barloco Farm
13-19 July 2024	Activity Week
27/28 July 2024	RSGB IOTA Contest GM2T from Tiree
2-Aug-24	Club Night
9-Aug-24	Mini Rally
10-16 August 2024	Activity Week
17/18 August 2024	Lighthouse Weekend (Barns Ness GB2LBN)
6-Sep-24	Club Night
7-13 September 2024	Activity Week
13 September 2024	2nd 144MHz DF Hunt
4-Oct-24	Club Night
8 Oct 2024	Construction Night
12-18 October 2024	Activity Week
26/27 Oct 2024	CQWW SSB Contest from Barns Ness GM2T
1 November 2024	Club Night
12 Nov 2024	Construction Night
9-15 November 2024	Activity Week
6 December 2024	Club Night
7-13 December 2024	Activity Week
14 Dec 2024	Club Christmas Night out