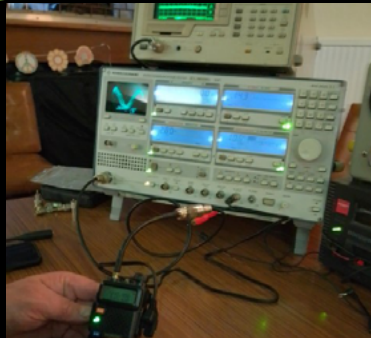


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Cockenzie & Port Seton Amateur Radio Club is affiliated to the Radio Society of Great Britain and holds the call signs MMOCPS and GM2T which are used for our special event and contest entries. The Club was formed by Bob Glasgow BEM GM4UYZ in 1984,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

Onto another month and another editorial, already this is the third of the year, my, oh my how time is rapidly flying by!!

One thing that is noticeable is that the evenings are now beginning to "stretch out" and aiming away from what I call the winter doldrums. Thank goodness for that say's I.

In some respects, I like the dark nights where one can get nice and cosy sitting watching the television but if I am perfectly honest, I do prefer the light nights as it allows one to get active instead of vegetating in front of the "box."

Firstly some sad news ... Ian Sheffield GM3VEI SK. It is with great sadness to report that Ian passed away on Friday 26th January 2024 at the Western General Hospital. His funeral was held at Houndwood Crematorium (Just of the A1 to the east of Grantshouse) on Monday 12th February at 12:00. Ian worked at the Royal Observatory in Edinburgh up to his retirement. It goes without saying that our deepest sympathies go out to Ian's family at this time.

RIP Ian...

Ok then what have we been up to this month; first, the Morse classes are still going strong, and we are now sending to each other using [Ham Radio Solutions](#) an online website, must admit it gets round the fact that we are all over the UK. We still have NuMorse Professional (free now) as a backup for the training. I

know there are other morse training programs out there but as said before this suit our basic needs. We are sending characters at 20WPM with a gap which sets the overall speed to just over 9.9WPM. The important aspect again is that everyone learns the sound of the characters at speed. We will have had our second Activity Day... nice to see a few taking part but it would be great to see more. The aim is to encourage at minimum of at least one day a month that you will go on the air and do some operating and hopefully make some QSO's but now as well you can be on for a few days or all week. Even if you go on and do not make any QSO's then at least you have tried. I must admit it really does force me to do some operating from home, something I have been promising myself to do for a long time.

We managed our normal second event of the year which was our Radio Check night run by John MM0JXI and this year Cambell MM0DXC which was an enormous success. Eight people took part, including John and Campbell and this year all radios passed their tests, so it proves the event is worthwhile. Unfortunately another three others could not make the evening due to personal commitments. On the training front we are running a Full Licence course at present with the exam set for 30th March.

(Continued on page 2...)

(...Continued from page 1)

I would like to wish all the candidates all the best.

The next course is a Foundation starting at the beginning of May, and it will be face-to-face for the candidates. Still looking for more candidates so if interested please contact me ASAP. Then I will take a sabbatical till August 2024 as I am expecting a new syllabus to be announced soon which means I will have to amend my existing PowerPoints to cater for this. Not a five-minute task to do I may add.

I am going to plan a training program for 2024/2025 for all courses so if you know of anyone interested can they contact me direct.

Our second event of the year is our Construction Night on the 12th March @ 19:00 at the Royal British Legion (Lounge), Cockenzie. Get yourself a "wee" kit and bring it along and build it on the evening. Look forward to seeing lots of you on the night, please....

To the future in April there is the GMDX Convention on the 6^h April starting at 12:00 at the King Robert Hotel, Bannockburn. At the end of April a few of us are going to the Blackpool Rally on the 21st April. We have already booked our hotel so if you wish to join us then get in

touch and I will send you the details and you make your own reservation. There is the Braehead rally through in Glasgow on the 19th May . Opens at 10:00 till 16:00 and entry is £4.00. Address Braehead Arena, 150 Kings Inch Road G51 4BN.

Lastly, if I have anything to say this month it is the old hobby horse of looking for newsletter input. Thanks to those who have been contributing but we need more. Lots of people intimate that they will but never do. I do struggle from month to month to write articles and this month has been particularly hard for me with other commitments getting in the way so I genuinely could do with some help, so this is a plea from the heart for articles. It would be fantastic to have a good pool of articles that John can select from. Right, that is about it so enjoy club night and the newsletter.

Bob GM4UYZ

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

FEBRUARY 2024 Activity Day – between 10th to 16th February 2024 00:00 to 23:59 – Every Day

Choices: One of the following

1. Your selected day within the week
2. Multiple days within the week
3. Every single day of the week

This was our Second 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/>

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

- **2024 New Monthly Activity Week Rules V9.docx**
- **2024 - ACTIVITY - FULL - WEEK - LOGS - HEET-V1.8.xlsx**

Apologies first:

Thomas M0THL

I had planned to get on, but my work trip took most of the week up.

Cephas MM0INS

Still no antenna and my radios are still in cardboard boxes.

Craig MM0NBW

No sorry, not this time again. Still need to sort my antenna out after the winds!

Jim MM0DXH

Sorry Bob. I have failed you this month

Reports:

Bob GM4UYZ

Took part in the PACC contest and my that was a struggle. I made 29 QSO's one more than last year. The rest of the week went back to Data Modes

Martyn MM0XXW (GS8VL)

Here's this month's offering gained using the GS8VL call-sign which I am promoting this month!

Keith MM0KTC

Please find attached last week's logs.

Bob MM0LBF

Was 'swithering whether to put this in or not: but decided to do my duty.....

A poor result: but proof that I broke away last week from trialling new SDR Dongle

Tommy 2M0EGH

My log for this month

Pete MM0INE

Just a couple this month, 60m and 17m. nothing exotic or far away.

Not much time for radio recently as had visitors – my son and daughter-in-law visiting from California.

They're back home now so maybe more radio time for me now!

Ronan MM0IVR

Attached is my log for the February Activity Week. It is a little better than last month although still no /P from me.

Looking through the log, I mostly used the TX-500 radio and the trusty Xiegu G90 on the higher bands with a few CW contacts on the little QMX rig. It just had a significant firmware update over the weekend which has been great fun to try out. There are even a few SSB QSO's in there too. Do not worry, I made sure to wash my hands afterwards...

Best DX was on Friday evening when various South American countries were coming and going. I managed to get Uruguay, Brazil and Argentina using 10W CW on 15m with the TX-500 and then Puerto Rico on 20m with 5W CW from the little QMX radio. Just goes to show how well 5 or 10 watts can get out when the conditions are good.

I fired up the QMX again during the ARRL DX contest on Sunday (not activity week) to see how its new AGC would handle things in busy conditions. It worked incredibly well. I called CQ on 20m and had six US stations come back to me within 10 minutes - happy days!

Paul 2M0PGO

I was listening in the evening when I got home from work, but I did not make any QSO's

Brian M0RNR

Couple of decent SSB contacts (South Korea and Philippines) the rest are data which is my run of the mill mode when I am just sitting in the shack. All of them on my FT991 as my FTDX101D is back at Yaesu again with a similar fault to previous.

Derek M10WST

Log attached for this month

Colwyn MM0YCJ (JM80XR/P)

Conditions did not favour me this time the travel, weather and snow conspired to prevent me from getting on-air during the February CPSARC activity week.

Ann and I are out skiing in Japan, on the northern island of Hokkaido. For skiing it has been marvelous. The best snow I have skied for many years. The first photo is of Ann doing a slalom course through the White Birch trees on super snow.

I did prepare to radio when in Japan and was able to apply for the call-sign I had used in 2019 on my previous visit. The geographic locator for the northern island Hokkaido is JA8 (where we were based most of the time) and my call-

(Continued on page 4...)

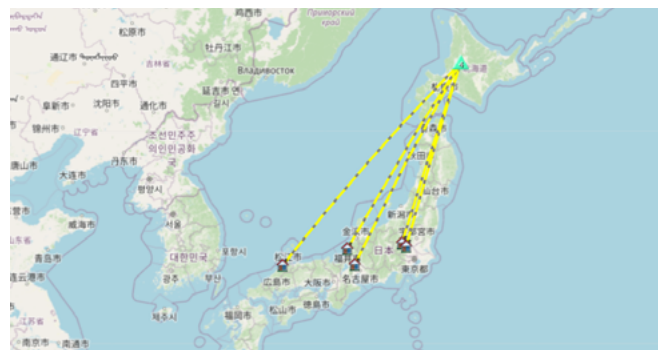
(...Continued from page 4)

sign is JM8OXR. The overall admin cost was about £25 pounds for the Japanese callsign. The Japanese are not CEPT signatories, which might reflect concern about one of their near neighbours, North Korea?

Over our trip I managed to activate 5 SOTA peaks, two of them were Unique's for the SOTA community, for the very first time, which makes me wonder why, were we technically trespassing? However, there is so much snow that all we saw were animal tracks on both days out. The only way to apprehend us would have been on skis, or by helicopter.

Hokkaido is described as mainly an agricultural area, with lower population densities than the rest of the country. This may explain why I had little success on many different bands. Most contacts were made on 14MHz. The 10-metre band produced no QSOs and only on the first peak on the main Island of Honshu did I make any 40 metre contacts. The response was so poor as the trip continued that I started doubting that my gear was working. Nothing on VHF or UHF, although the calling frequencies differ, and I am starting to think that fake news is even found on some website band plans. In one of the popular ski resorts (Niseko) there were signs stating that overseas radios; VHF, UHF and PIR, were illegal in Japan, and may attract substantial fines if a prosecution was successful.

The map shows the 5 QSOs on 20 metres from JA8/KK-078, Kamuiyama, 799m. Association: Japan - Hokkaido, Region: Kamikawa Subprefecture. Latitude: 43.6898, Longitude: 142.2188. QTH Locator: QN13cq
We had a superb holiday and by using skiing lifts enjoyed some intermittent radio activity.



Summary

DATA is the winning mode this month with 337 QSO's (196– FT4, 11 – FT8, 0 – PSK31, 0 - PSK63, 11 - RTTY). next best was CW with 81 QSO's Out of the 437 QSO's where: CW = 81, SSB = 19, DATA = 337, FM = 0, AM = 0.
Best DX for the week for each Mode highlighted below:

HF CW, DATA & SSB

CW	Sat	28	N5DX	6753	MM0IVR
	Sun	28	N5DX	6753	MM0IVR
	Mon	7	F8APH	862	MI0WST
	Tue	28	CT7/DJ7PR	2132	MM0IVR
	Wed	14	N4AF	5933	MI0WST
	Thu	0	0	0	0
	Fri	21	CX5FK	11306	MM0IVR

Logged DATA QSO's were FT8 (130) & FT4 (196) & RTTY (11)

(Continued on page 5...)

(...Continued from page 4)

DATA	Sat	28	VK8NSB	13746	M0RNR	FT4
	Sun	28	NP3MR	6712	M0RNR	FT4
	Mon	14	ZS4JAN	9859	2M0EGH	FT4
	Tue	28	N9AKR	5981	2M0EGH	FT4
	Wed	24	V31DL	8164	2M0EGH	FT8
	Thu	21	YC1DA	12504	GM4UYZ	FT4
	Fri	14	LW2DLY	11319	M0RNR	FT4

SSB	Sat	28	DU1NLO	10605	M0RNR
	Sun	18	EA8DMF	3247	MM0IVR
	Mon	28	CB0ZA	12235	MM0KTC
	Tue	21	CX5CDV	11086	MM0KTC
	Wed	0	0	0	0
	Thu	7	AO100RADIO	1715	MM0KTC
	Fri	18	LX1SG	880	MM0INE

VHF CW, FM & SSB – QSO's

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 400W (Caters for those who have a Full Licence and have Higher Power capabilities)

(Continued on page 6...)

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	5	YO9CMC	2476	MM0IVR	
	Sun	28	5	N5DX	6753	MM0IVR	
	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	21	10	CX5FK	11306	MM0IVR	
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	28	5	YU7RCJ	1987	MM0IVR	
	Sun	18	10	EA8DMF	3247	MM0IVR	
	Mon	0	0	0	0	0	
	Tue	28	10	YT1WP	2038	MM0IVR	
	Wed	0	0	0	0	0	
	Thu	0	0	0	0	0	
	Fri	0	0	0	0	0	

Power Level 11 to 50W (Caters for Data Modes 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	28	15	N5DX	6753	MM0IVR	
	Sun	14	50	PA7RA	691	GM4UYZ	
	Mon	0	0	0	0	0	
	Tue	28	15	CT7/DJ7PR	2132	MM0IVR	
	Wed	0	0	0	0	0	
	Thu	14	15	N3RD	5391	MM0IVR	
	Fri	0	0	0	0	0	
DATA	Sat	24	50	K4GWO	6658	MM0XXW	FT8
	Sun	14	50	EA3CY	1745	GM4UYZ	FT4
	Mon	14	30	ZS4JAN	9859	2M0EGH	FT4
	Tue	28	30	N9AKR	5981	2M0EGH	FT4
	Wed	24	30	V31DL	8164	2M0EGH	FT8
	Thu	21	50	YC1DA	12504	GM4UYZ	FT4
	Fri	28	50	PP5CF	10249	GM4UYZ	FT4
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	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	

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

MODE	DAY	BAND	Power	CALLSIGN	DISTANCE	OPERATOR	DATA MODE
AM	Sat	Sat	0	0	0	0	0
	Sun	Sun	0	0	0	0	0
	Mon	Mon	0	0	0	0	0
	Tue	Tue	0	0	0	0	0
	Wed	Wed	0	0	0	0	0
	Thu	Thu	0	0	0	0	0
	Fri	Fri	0	0	0	0	0
CW	Sat	Sat	14	100	PA3ARM	773	GM4UYZ
	Sun	Sun	14	100	PI4VLB	802	GM4UYZ
	Mon	Mon	7	100	F8APH	862	MI0WST
	Tue	Tue	0	0	0	0	0
	Wed	Wed	14	100	N4AF	5933	MI0WST
	Thu	Thu	0	0	0	0	0
	Fri	Fri	0	0	0	0	0
DATA	Sat	Sat	14	100	KC2NL	5335	GM4UYZ
	Sun	Sun	14	100	I0WBX	1875	MI0WST
	Mon	Mon	0	0	0	0	0
	Tue	Tue	0	0	0	0	0
	Wed	Wed	0	0	0	0	0
	Thu	Thu	21	100	F4JQH	1559	GM4UYZ
	Fri	Fri	0	0	0	0	0
FM	Sat	Sat	0	0	0	0	0
	Sun	Sun	0	0	0	0	0
	Mon	Mon	0	0	0	0	0
	Tue	Tue	0	0	0	0	0
	Wed	Wed	0	0	0	0	0
	Thu	Thu	0	0	0	0	0
	Fri	Fri	0	0	0	0	0
SSB	Sat	Sat	0	0	0	0	0
	Sun	Sun	0	0	0	0	0
	Mon	Mon	0	0	0	0	0
	Tue	Tue	0	0	0	0	0
	Wed	Wed	0	0	0	0	0
	Thu	Thu	0	0	0	0	0
	Fri	Fri	5	100	GM4ZOA	59	MM0INE

Power Level 101 to 400W (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	28	200	VK8NSB	13746	MORNR	FT4
	Sun	28	200	NP3MR	6712	MORNR	FT4
	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	14	200	LW2DLY	11319	MORNR	FT4
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	28	400	DU1NLO	10605	MORNR	
	Sun	0	0	0	0	0	
	Mon	28	400	CB0ZA	12235	MM0KTC	
	Tue	21	400	CX5CDV	11086	MM0KTC	
	Wed	0	0	0	0	0	
	Thu	7	400	AO100RADIO	1715	MM0KTC	
	Fri	18	400	LX1SG	880	MM0INE	

The turnout out this month was excellent with a total of nine 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	141	0	21	116	0	4
Sun	56	0	25	30	0	1
Mon	47	0	1	43	0	3
Tue	50	0	2	40	0	8
Wed	66	0	22	44	0	0
Thu	30	0	0	29	0	1
Fri	47	0	10	35	0	2
	437					

The next Activity Day is any day starting on the week beginning the 9th and ending on the 15th March 2024 the Second 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 437 QSO's where: CW = 81, SSB = 19, DATA = 337, FM = 0, AM = 0.

Bob GM4UYZ	CW: 29 x 20M DATA: 3 x 30M, 83 x 20M, 5 x 17M, 21 x 15M, 18 x 12M, 18 x 10M
Derek MIOWST	CW: 6 x 40M, 12 x 20M, 3 x 15M DATA: 11 x 20M
Keith MM0KTC	SSB: 4 x 80M, 1 x 40M, 2 x 20M, 1 x 15M, 2 x 10M
Martyn MM0XXW (GS8VL)	DATA: 17 x 40M, 13 x 30M, 14 x 15M, 11 x 12M, 12 x 10M
Pete MM0INE	SSB: 1 x 60M, 1 x 17M
Tommy 2M0EGH	DATA: 30 x 20m, 3 x 17M, 11 x 15M, 18 x 12M, 21 x 10M
Ronan MM0IVR	CW: 6 x 40M, 1 x 30m, 6 x 20M, 2 x 17M, 5 x 15M, 1 x 12M, 9 x 10M SSB: 2 x 20M, 1 x 17M, 2 x 10M
Bob MM0LBF	CW: 1 x 40M
Colwyn MM0YCJ/P	NO QSO's
Brian MORNR	DATA: 4 x 20M, 5 x 17M, 19 x 10M SSB: 2 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.

DATES FOR YOUR DIARY FOR 2024 ACTIVITY WEEKS

Note: Changes made in 2022 where you can take part every single day of the week, or multiple days or just a single day and this will continue into 2024. There is a new recording spreadsheet which is downloadable from the club's website download section and comes into effect on the 1st January - [2024-ACTIVITY-FULL-WEEK-LOGSHEET-V1.8.xlsx](#)

MONTH 2024	ACTIVITY WEEK
March	9th to 15th March
April	13th to 19th April
May	11th to 17th May
June	8th to 14th June
July	13th to 19th July
August	10th to 16th August
September	7th to 13th September
October	12th to 18th October
November	9th to 15th November
December	7th to 13th December

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

2023 CQWW SSB UBN

2023 CQWW SSB UBN (Unique, Broken, Not in Log) File

Contest: 2023 CQ WW DX SSB CONTEST
Call: GM2T
Category: Multi-Two

Summary of log submitted for the Contest

Contest : CQ World Wide DX Contest
Callsign : GM2T
Mode : PHONE
Category : Multi Operator - Two Transmitter (M2)
Overlay : ---
Band(s) : All bands (AB)
Class : High Power (HP)
Zone/State/... : 14
Locator : IO85SX
Operating time : 48h00

BAND QSO CQ DXC DUP POINTS AVG

160 345 8 48 15 354 1.03
80 779 15 68 19 921 1.18
40 554 20 80 13 679 1.23
20 1285 29 108 24 1933 1.50
15 860 29 111 14 1636 1.90
10 810 31 113 2 1909 2.36

TOTAL 4633 132 528 87 7432 1.60

=====
TOTAL SCORE : 4 905 120

UBN INFORMATION

The advantage of this feedback is that it can help identify problem areas with the operating, not that it is finger pointing as that is not the intention but as an aid to aim for ZERO errors. This year we lost 8.2% of our submitted score so the aim for 2024 will be 0% although in practice it will never be done.

***** Summary *****

4632 Raw QSO before checking (does not include duplicates or missing exchanges)

4497 Final QSO after checking reductions

7445 Raw QSO points

6830 Final QSO points

134 Raw zones

132 Final zones

531 Raw countries

526 Final countries

665 Raw mults

658 Final mults

4950925 Raw score

4494140 Final score

8.2% Score reduction

Other years:

2010 = 9.9%

2011 = 7.8%

2012 = 11.3%

2013 = 7.3%

2014 = 8.2%

2015 = 8.5%

2016 = 11.5%

2017 = 13.8%

2018 = 13.0%

2019 = 10.1%

2021 = 12.3%

2022 = 8.8%

2023 = 8.2%

Areas where there were errors...

2.9% error rate based on raw and final qso counts

9.2% score reduction

23 (0.5%) not in log

97 (2.1%) incorrect calls

15 (0.3%) incorrect exchanges

0 (0.0%) missing exchanges

88 (1.9%) duplicates removed

14 (0.3%) calls unique to this log only (not removed)

Duplicates: These are not a real error as often stations will be worked again as they may say not in their log or even not in our log. It just easier for both stations to work each other rather than argue over the air for 5 minutes!!!

Results by Band: This is a band-by-band breakdown of the QSOs, points and multipliers for your entry

Calls Copied Incorrectly: The call logged for these contacts was determined to be incorrect. QSO removed with additional penalty of 2 x QSO points These can be caused by mishearing and logging the misheard call, QRM not making the Callsign clear and thus assuming you have it correct.

RESOLUTION: If not sure get the station to confirm the call again and at the same time check you are typing on

the keyboard!! We had 97 QSO's copied incorrectly

Incorrect Exchange Information: The information you copied does not match what was in the other station's log. The QSO was removed. This is a difficult one as we think we have worked a station when in fact we have not. I put this down to a remarkably busy band and more than one station is so close to you it gives the impression you have worked him.

RESOLUTION: If possible, listen very closely to what is being said i.e. Call Sign being returned... We had 15 QSO's with incorrect exchange

Not in Log: The station that was contacted we were not in his log. Good chance he has logged us incorrectly!!! We had 22 QSO's in this area

Calls Unique to this Log ONLY: These calls are not an error so no points will be lost for any of the calls. More than often these are where stations will come on and work someone then do not work anyone else. I sometimes do this as it could be a rare station and all I want to do is work it and it alone. We had 14 QSO's in this area

Out of Band: Contacts that were verified to be made on frequencies that you are not authorized to use. These contacts are removed without penalty. We had 0 QSO's out of Band

Band Change Violations (Multi-One or Multi-Two only): These contacts violated the band change rules for the category. The QSO was removed without penalty. No errors here

Lost Multipliers: In total we lost 6 Multipliers where they were 6 mistypes (4 x Countries, 1 x Zones) due to logging incorrect Call Sign, 1 was Not on the other stations log. The target is always to make no errors at all as losing multipliers can be very costly to your final score.

Stations copying GM2T Incorrectly: There were 99 incidents of this. We must ensure that when we listen to the call sign being returned that it is correct. If it is wrong, please ensure that it is corrected. We do not lose points and multipliers for these contacts.

For information we were logged as: DM2T – 2 times, GM1T – 1 times, GM4Y – 1 times, G2MT – 2 times, GM3T – 63 times, G52T – 2 times, GM6T – 20 times, G2T – 1 times, GM2M – 1 times, OM2T – 1 time, TM2T – 2.0 times, M2T – 9 times, HGM2T – 1 times, MM2T – 2 times, GM2TT – 1 times, MM3T – 1 times, G6T – 1 times, GM5I – 1 times, RM2T – 1 times, G6ZT – 1 times, , GM6E – 1 times, GM2 – 1 times, MW2T – 4 times

(Continued on page 14...)

***** Results By Band *****

	Band	QSO	QPts	Zone	Cty	Mult
Raw	160M	385	392	8	48	56
Final	160M	376	365	8	48	56
Raw	80M	579	718	16	69	85
Final	80M	565	676	16	69	85
Raw	40M	284	385	16	68	84
Final	40M	275	346	16	66	82
Raw	20M	1254	2446	37	110	147
Final	20M	1230	2308	36	108	144
Raw	15M	1165	2598	34	118	152
Final	15M	1121	2322	33	115	148
Raw	10M	500	1257	29	104	133
Final	10M	490	1191	29	104	133
Raw	All	4167	7796	140	517	657
Final	All	4057	7208	138	510	648

***** Multipliers by Band *****

160M multiplier total 56

Countries

5B	9A	CN	CT	CT3	CU	D4	DL	E7	EA
EI	ES	EU	F	G	GD	GI	GM	GW	HA
HB	I	IT9	K	LA	LX	LY	LZ	OE	OH
OK	OM	ON	OY	OZ	PA	S5	SM	SP	SV
TF	UA	UA2	UR	YL	YO	YT	Z6		

ZONES

5 14 15 16 20 33 35 40

80M multiplier total 82

Countries

3W	4L	4X	5B	9A	A4	A7	BY	C3	CN
CT	CT3	CU	DL	E7	EA	EA8	EI	ER	ES
EU	F	FM	G	GD	GI	GM	GW	HA	HB
HS	I	IS	IT9	JT	K	KP4	LA	LX	LY
LZ	OE	OH	OK	OM	ON	OY	OZ	PA	PJ4
S5	SM	SP	SV	TA	TF	UA	UA2	UN	UR
V4	VE	YL	YO	YT	Z3	Z6			

ZONES

2 4 5 8 9 14 15 16 17 20 21 23 26 33 40

40M multiplier total 99

Countries

4L	4O	4X	5B	6Y	8P	9A	9Y	A4	A6
A7	BY	C3	CN	CT	CT3	CU	DL	E7	EA
EA8	EI	ER	ES	EU	F	FM	G	GD	GM
GW	HA	HB	HB0	HS	I	IS	IT9	JA	JT
K	KP4	LA	LX	LY	LZ	OE	OH	OK	OM
ON	OY	OZ	P4	PA	PJ4	PY	PZ	S5	SM
SP	SV	TA	TF	TI	UA	UA2	UA9	UN	UR
V2	V4	VE	YL	YO	YT	Z6	ZF	ZL	

ZONES

2 4 5 7 8 9 11 14 15 16 17 18 20 21 23 25 26 32 33 40

20M multiplier total 135

Countries

3V	3W	4L	4U1U	4U1V	4X	5B	6Y	8P	9A
9H	9K	9M2	A4	A6	A7	BY	C3	CE	CM
CN	CT	CT3	CU	D4	DL	E7	EA	EA6	EA8
EI	ER	ES	EU	F	FM	G	GD	GI	GM
GW	HA	HB	HI	HK	HR	HS	HZ	I	IG9
IS	IT9	J6	JA	K	KL	KP2	KP4	LA	LU
LX	LY	LZ	OE	OH	OK	OM	ON	OZ	PA
PJ2	PJ4	PY	PZ	S5	SM	SP	SV	SV9	TA
TA1	TF	TI	TK	UA	UA2	UA9	UK	UN	UR
V2	V4	VE	VK	VP8	VU	YB	YJ	YL	YO
YT	YV	Z3	Z6	ZA	ZF	ZL			

ZONES

1 3 4 5 7 8 9 11 12 13 14 15 16 17 18 20 21 22 23 24
25 26 28 30 32 33 35 40

15M multiplier total 141

Countries

3V	4L	4O	4U1V	4X	5B	6Y	8P	9A	9H
9Y	A4	A6	A7	AP	BY	C3	CE	CM	CN
CT	CT3	CU	CX	D4	DL	DU	E7	EA	EA6
EA8	EI	ER	ES	EU	EY	F	FM	FR	FY
G	GD	GM	GW	HA	HB	HI	HK	HP	HR
HS	HZ	I	IG9	IS	IT9	J6	JA	JT	K
KP2	KP4	LA	LU	LX	LY	LZ	OA	OE	OH
OK	OM	ON	OZ	P4	PA	PJ2	PJ4	PY	PZ
S5	SM	SP	SV	TA	TA1	TI	TK	UA	UA9
UN	UR	V2	V3	V4	VE	VK	VP2M	VP5	VU
YB	YL	YO	YT	YV	Z3	Z6	ZD7	ZF	ZP

ZS

ZONES

3 4 5 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24
25 26 27 28 30 33 35 36 38 39

(Continued on page 16..)

10M multiplier total 133

Countries

3V	4J	4L	4X	5B	5Z	6W	7Q	8P	9A
9H	9K	9M6	9N	9Y	A4	A6	A7	BY	CE
CM	CN	CT	CT3	CU	CX	D4	DL	E7	EA
EA6	EA8	EA9	EI	ER	ES	ET	EU	EX	F
FM	FR	FY	G	GD	GI	GM	GW	HA	HB
HI	HK	HS	HZ	I	IG9	IS	IT9	J6	JA
JT	K	KP2	KP4	LA	LU	LY	LZ	OH	OK
OM	ON	OY	OZ	P4	PA	PJ4	PY	PY0F	PZ
S5	S7	SM	SP	SV	SV5	SV9	TA	TA1	TI
UA	UA9	UN	UR	V2	V3	V4	VE	VK	VP5
VR	VU	XE	YB	YL	YO	YT	YV	Z3	Z6
ZD7	ZF	ZP	ZS						

ZONES

2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 28 30 33 35 36
37 38 39

Hope you find the above interesting and help you understand why listening to exchanges during the contest is so important and after the event making sure that any "typo" errors have been picked up before submission. Remember you are entering a contest to have fun and to submit the best score that you can achieve.

Happy Contesting...

Bob GM4UYZ

Where has everyone gone?

I have generated a "raw data" table for the club attendances since November 1992. Why that date, well it is simply the first month that I decided to make a note of who attended the club nights and to let me know who the actual club members were. Remember our philosophy is that if you come through the door on a Club Night (1st Friday of the month) you are an automatic club member, how many other club's can say that. Back to the data well I am not sure what way John will present it in the newsletter but whatever he decides I hope it will all make sense to you.

Our best years for actual people coming through the door starts in 1995 through to 1999 where we peaked at one time to have 43 people turn up one club night. Since then it has been a gradual decline to the extent over the last two years, we are even struggling to get 10 people through the door. What has not helped is the COVID Pandemic and people still not wanting to meet up in numbers. I look forward to the day when everyone comes back along....

Year	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1992	52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27	25
1993	292	23	21	25	24	28	25	23	20	23	30	24	26
1994	289	28	24	32	25	23	23	22	21	23	21	22	25
1995	341	30	24	28	31	29	32	18	27	37	30	28	27
1996	390	29	36	30	36	31	33	37	27	32	29	41	29
1997	402	34	43	39	43	31	29	20	33	37	36	29	28
1998	362	39	30	28	29	31	31	28	34	37	32	29	24
1999	335	38	26	29	30	32	25	25	35	33	25	21	26
2000	287	23	29	30	25	29	23	24	21	16	23	25	19
2001	262	21	27	16	24	24	24	18	19	22	24	24	19
2002	240	17	21	17	24	19	21	25	18	16	19	20	23
2003	242	21	27	16	22	24	13	12	23	22	17	22	23
2004	234	22	28	20	26	23	22	17	18	15	12	13	18
2005	182	19	20	16	11	15	18	14	11	15	17	16	10
2006	180	21	18	12	16	14	13	11	13	17	24	8	13
2007	173	17	17	18	17	15	11	13	15	12	15	11	12
2008	148	15	10	12	13	14	8	11	15	11	9	15	15
2009	209	21	19	20	20	21	14	15	17	14	13	16	19
2010	208	15	22	24	22	25	18	16	16	16	12	14	8
2011	181	15	14	19	18	12	15	15	13	17	11	18	16
2012	173	23	15	15	14	16	15	15	9	15	14	18	10
2013	156	14	15	11	11	14	9	9	13	11	17	13	11
2014	160	18	14	11	15	12	10	10	9	17	10	14	15
2015	146	15	13	11	18	9	11	11	9	13	13	13	10
2016	168	16	10	10	15	12	17	15	16	12	23	11	11
2017	169	12	13	12	17	15	13	17	16	11	14	20	9
2018	167	11	17	11	15	14	12	14	14	12	15	17	15
2019	167	18	11	14	15	10	14	18	16	13	16	12	10
2020	70	18	13	14	0	0	0	0	9	4	0	0	12
2021	143	11	18	17	13	13	12	11	10	9	9	10	10
2022	103	10	13	10	8	9	6	9	9	4	8	9	8
2023	108	12	8	9	10	8	8	10	9	12	3	9	10
2024	10	10	11										

18.3	Average Club Night Attendance Nov 1992 to Jan 2024
	Coronavirus Outbreak and Everything Closed
	Virtual Club Meeting vis ZOOM

Curiosity as usual got me to think out of that maximum number what are they doing now so see the table below.

Analysis of the maximum attendance – 43 People – April 1997 and their activity now

Silent Keys	9
Still Active	16
No Idea if Active or Not	16
SWL	2

The question is why the decline? Sadly, I really do not know apart from the effect of COVID. At one time yes, I could answer the question as most of the decline was due to members change in circumstances i.e. working shifts, moved away, started own business, "no longer with us," etc, but now I cannot answer.

It does pose questions in my own mind like:

- Is the club not offering what you want?
 - If that is the case, what would you change to come back?
- Have you lost interest in amateur radio and now doing other things?
 - What would spark your interest in the hobby again?
- Do you see us a clique i.e. contesting as an example
 - If that is the case it is only because a few of us are interested in doing contests, special events, demonstration set-ups so it gives us a common topic of conversation. Things that are discussed are:
 - Operating techniques
 - Improving the set-up
 - Aerials
 - Etc, etc
 - Join in you may just like it and you may learn something new
 - Honestly, we do not want to be seen as a clique, but an open-minded group of individuals and we apologise if we appear to be so.

- Is it because the club is held in a pub
 - The environment is now non-smoking which I know was an issue in the past with some so no excuse now.
 - The pub is part of our "heritage," and a huge effort is made to do something else at another venue during the month as well whether it is a talk, a DF night, a Radio Check Night, Construction Nights, etc, something there for everyone.

I am sure there are lots more questions and I am sure there are answers out there as well so why not share them by coming along to club night and talking about them. I would love to see us back to those halcyon days between 1995 and 1999. Remember it is your radio club as will as mine or anyone else's, so your input is very welcome. Even for our decline in numbers we are a very warm and welcoming club who go out there way to welcome new people, encourage others and help each other. We all need each other to keep this fantastic club of ours alive and kicking. To absent members please come back and join the fold.....see you all then.

Bob GM4UYZ

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.ukeicc.com/> - UKEICC Contest Calendar

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

March 2024	
Novice Rig Roundup	0000Z, Mar 2 to 2359Z, Mar 10
ARRL Inter. DX Contest, SSB	0000Z, Mar 2 to 2359Z, Mar 3
RSGB March 144 & 432MHz	1400Z, Mar 2 to 1400Z, Mar 3
Wake-Up! QRP Sprint	0600Z-0800Z, Mar 2
Open Ukraine RTTY Championship	1800Z, Mar 2 to 1359Z, Mar 3
NSARA Contest	1200Z-2200Z, Mar 3
SARL Hamnet 40m Simulated Emerg Contest	1200Z-1400Z, Mar 3
RSGB 80M CC DATA	2000Z-2130Z, Mar 4
ARS Spartan Sprint	0200Z-0400Z, Mar 5
AGCW YL-CW Party	1900Z-2100Z, Mar 5
UKEICC SSB	2000Z-2100Z, Mar 6
YB DX RTTY Contest	0000Z-2359Z, Mar 9
RSGB Commonwealth (BERU) Contest	1000Z, Mar 9 to 1000Z, Mar 10
SKCC Weekend Sprintathon	1200Z, Mar 9 to 2359Z, Mar 10
EA PSK63 Contest	1200Z, Mar 9 to 1200Z, Mar 10
AGCW QRP Contest	1400Z-2000Z, Mar 9
Oklahoma QSO Party	1500Z, Mar 9 to 2100Z, Mar 10
Stew Perry Topband Challenge	1500Z, Mar 9 to 1500Z, Mar 10
Idaho QSO Party	1900Z, Mar 9 to 1900Z, Mar 10
North American Sprint, RTTY	0000Z-0359Z, Mar 10
Wisconsin QSO Party	1800Z, Mar 10 to 0100Z, Mar 11
4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Mar 11
RSGB 80M CC CW	2000Z-2130Z, Mar 13
PODXS 070 Club St Patrick's Day Contest	0000Z-2359Z, Mar 16
BARTG HF RTTY Contest	0200Z, Mar 16 to 0159Z, Mar 18
Russian DX Contest	1200Z, Mar 16 to 1200Z, Mar 17
Virginia QSO Party	1400Z, Mar 16 to 2359Z, Mar 17
AGCW VHF/UHF Contest	1400Z-1800Z, Mar 16
Run for the Bacon QRP Contest	2300Z, Mar 17 to 0100Z, Mar 18
Bucharest Digital Contest	1800Z-2059Z, Mar 18
RSGB FT4 Contest	2000Z-2130Z, Mar 18
NTC QSO Party	1900Z-2000Z, Mar 21
FOC QSO Party	0000Z-2359Z, Mar 23

An update on the amateur radio licence exams



As previously announced, the amateur radio licence examinations will need to change to reflect the changes to the licence conditions announced by Ofcom.

The scale of the licence changes will have a significant impact on Section 1 of the syllabus (licensing) and a small impact on Section 7 (operating).

Ofcom is currently reviewing representations and will publish its final decision, including the final version of the licence, before 21 February 2024.

In parallel with the Ofcom consultation and representation periods, we have been working on the syllabus and published an early draft on the RSGB web site.

We expect the final version of the syllabus to be ready a few weeks after Ofcom publishes the final version of the licence and we have also had time to consider comments from trainers.

The new licence will come into effect before work on the syllabus and examination question bank is completed.

We have, therefore, sought and gained approval from Ofcom to continue to examine to the current licence conditions for a period of six months following the publication of the new licence.

This will allow trainers time to update their courses in line with the new syllabus and allow candidates that have started their training under the current licence conditions to complete their courses and take the exam.

We expect examinations to the new licence conditions will begin on 1 September 2024.

Candidates that pass the exam between the introduction of the new licence and the new exam should be advised to read the new licence before starting to operate. [Note: we do not foresee any problems with this as, in almost all cases, the new licence will be more permissive than the existing one]

Tony Kent, G8PBH

Examination Standards Committee Chair

Construction Night

Tues 12/03/2024 @ RBL 19:00 Onwards

Location: Royal British Legion

Hall: Hall (Lounge) closest to the Old Harbour

Cost: Usual £2/head for club funds

COVID RESTRICTIONS: As what are valid on that date i.e. Face Masks, etc.

Assuming there is no change to the COVID rules between now and then we will be holding our next Construction Night, the first of this year.

As you can see from above, we are still at our new location thanks to the generosity of the Royal British Legion and the hall we will be using is enormous so plenty of room.

It is up to you what you bring along to build from something nice and easy to something difficult. I suggest that if you are buying a kit that you do it now due to availability and getting here on time for the evening (they can take ages to come).

See below a list of kits that I have plus others that I have come across note these are just an idea.

Personal Kits (I Have)

- **QUASER Project Kit #3009v3 – Oscillator Building Blocks - £6.00**
 - I have 9 off these bought for an earlier Construction Night that didn't happen.
 - Nice Easy kit to build



EBAY

- **VFO COMPONENT KIT NOVICE INTERMEDIATE EXAM CONSTRUCTION PROJECT AMATEUR RADIO - £14.50**
- **S-PIXIE CW QRP Shortwave Ham Amateur Radio Transceiver 7.023MHz DIY Kits +Case - £5.98 + Postage**
- **QRP Dummy Load and Power Checker kit - £9.50**
- **CTCSS encoder kit - crystal controlled - 47 tones (for Repeater access) - £16.00 + Postage**
- **New Pocket Morse Tutor Kit :- The PT20 Take it anywhere! - £26.50 + Postage**
- **CW Magic Eye CW Tune Indicator Kit- £12.50 + Postage**

- **Code Practice Oscillator , FULL KIT , Designed and supplied The West Midlands - £22.50 + Postage**

Amazon

- **MagiDeal DIY PCB Circuit Board Digital LED Electronic Clock Alarm Kits Set 6 Digit (Shack Clock?) - £7.50**

AliExpress

- **PIC Version 8W Super RM RockMite QRP CW Transceiver HAM Radio Shortwave kits - £13.05 + Postage**

Phoenix kits online & EBay

- **MK4d FMT Full Kit - PhoenixKitsonline.co.uk – Cost £39.99 + Postage**

Kanga Kits

- **Build -A-Thon Morse Tutor & Oscillator – Cost £16.50 + Postage**
- **DL-2 Dummy Load/Power Checker – Cost £20.00 + Postage**
- **General Purpose AF Bench Amplifier Kit – Cost £23.50 + Postage**

The evening is about having a bit of fun, keeping your soldering going....and building a project.

Bring your own tools as well although I will bring along the clubs soldering materials – Bolts, Solder.

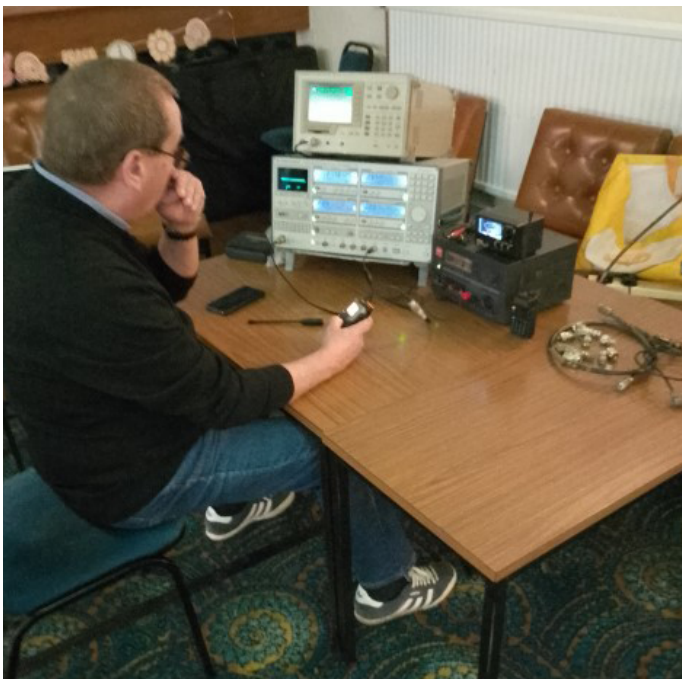
Look forward to seeing you all

Bob GM4UYZ

Radio Check Night

Radio Check Night 13th February 2024

This was our first event other than Club Nights that we had chance to hold. This was held in the Royal British Legion, Cockenzie Lounge Bar.



Firstly, I would like to thank John MM0JXI and Cambell MM0DXC for bringing along all the test gear for the Radio Check Night.

Eight people turned up, so a good attendance but as always would love to have seen more but hey Ho as the say. Unfortunately another three others could not make the evening due to personal commitments

Various radios were checked from VHF/UHF Handhelds to HF/VHF/UHF radios. All passed with flying colours

Great night all the same and thoroughly enjoyed by everyone.

Thanks again to John and Cambell for doing the testing it was appreciated by all



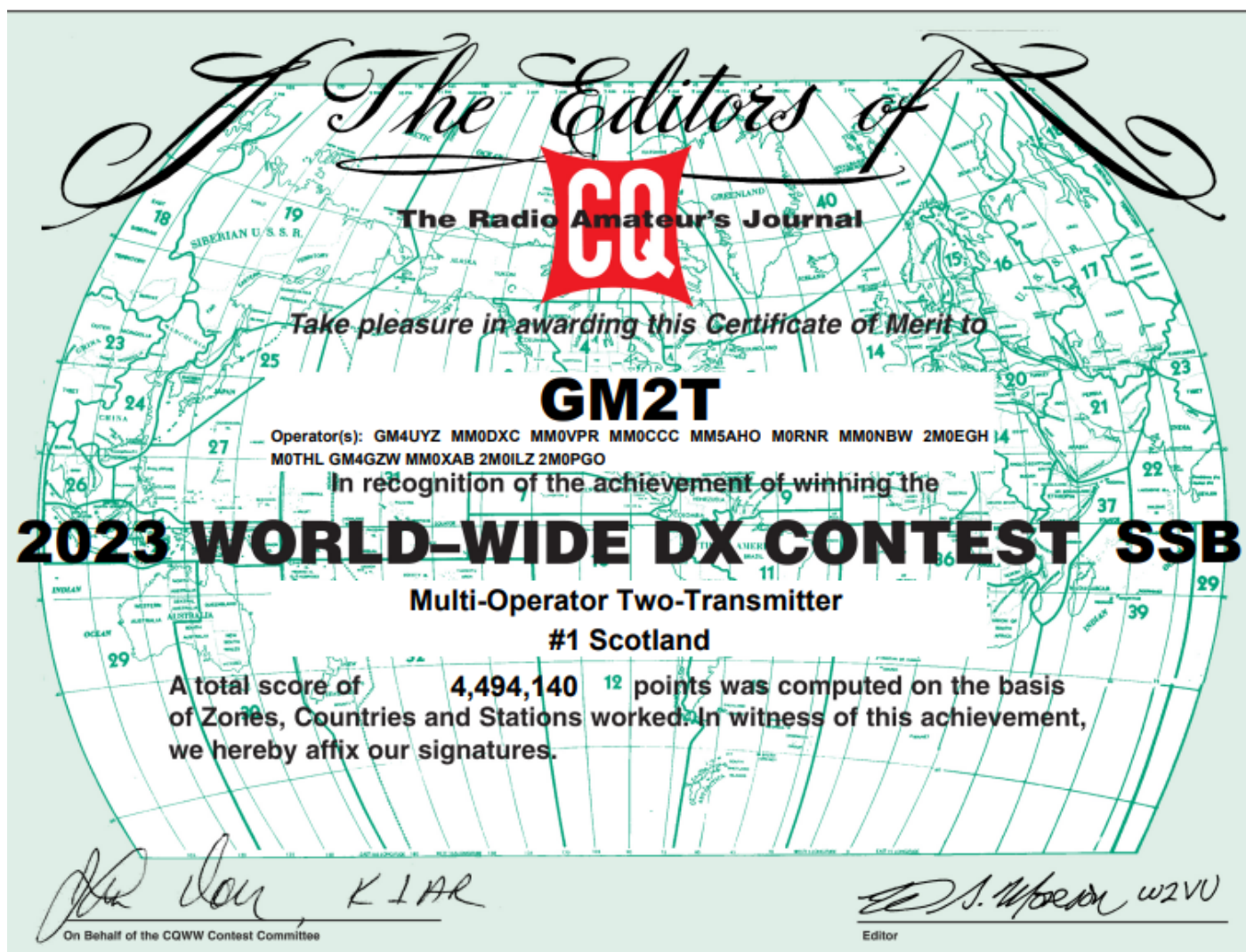
Thought this would give you a laugh as you know I like Spreadsheets.....

It is from my Senior Moments Calendar and the quote reads as follows:

To accommodate my bad memory I have spreadsheets for absolutely everything. I have spreadsheets to keep track of my finances, my clothes, my travel, stamp collection, birthdays and anniversaries. I am so dependent on my spreadsheets to manage my life that I have now got a master spreadsheet to track all my other spreadsheets

That's not me , honest!!!!

Bob GM4UYZ



Test Your Knowledge

1. **Signals from a transmitter working on 3.56MHz are reported as causing interference over the whole of the FM broadcast radio band. This is probably caused by a harmonic of the RF signal getting into the**
 - a. RF Amplifier
 - b. 10.7 MHz IF amplifier
 - c. AF amplifier
 - d. Power supply
2. **Masthead pre-amplifiers intended to improve TV broadcast reception are often**
 - a. Narrow Band devices
 - b. Wide Band devices
 - c. Pre-tuned to VHF bands
 - d. Pre-tuned to UHF bands
3. **Unwanted RF can cause problems in semiconductor equipment by**
 - a. Overheating the components
 - b. Reducing the gain
 - c. Overloading the power supply
 - d. Rectification at PN junctions
4. **A ferrite ring can minimise breakthrough onto speaker leads of audio equipment by**
 - a. Reducing the current carrying capacity of the leads
 - b. Screening the leads from radio waves
 - c. Improving the insulation of the leads
 - d. Increasing the inductance of the leads
5. **Breakthrough on one particular frequency is best cured by which of the following?**
 - a. Balun
 - b. Ferrite Bead or beads
 - c. Low-pass filter
 - d. Notch filter
6. **At a distance from a transmitter the power flux density (p.f.d) is 1W/m^2 and the field strength (f.s) is approximately 20V/m . At twice that distance the p.f.d. is**
 - a. 0.5 W/m^2 and f.s. is 10V/m
 - b. 0.25 W/m^2 and f.s. is 10V/m
 - c. 0.5 W/m^2 and f.s. is 5V/m
 - d. 0.25 W/m^2 and f.s. is 5V/m
7. **Powering a transmitter in a car, via the cigarette lighter socket is**
 - a. A simple and safe solution for a temporary installations
 - b. Acceptable if the current required will not exceed about 5A
 - c. Ill advised because the lighter socket is intended for intermittent use
 - d. Ill advised because of the risk of RF entering the car electronics
8. **When there is an EMC problem due to lack of immunity in the TV receiver, and no fault is attributable to the amateur station, it is the responsibility of the**
 - a. RSGB
 - b. Amateur licence holder
 - c. TV owner
 - d. Broadcast authority
9. **UK TV broadcast stations use the frequency band**
 - a. 455 – 500KHz
 - b. 33 – 40MHz
 - c. 470 – 854MHz
 - d. 1240 – 1260MHz
10. **If an FM transmission causes the picture of a TV receiver to disappear,, this form of breakthrough is called**
 - a. Under deviation
 - b. Cross-modulation
 - c. Image
 - d. Blocking

Clublog Tables

The 2024 table has now started and the first results are now in.

Brian M0RNR takes an early lead with 105 Countries and Martyn MM0XXW isn't far behind on 99, well done!

Cub members can join in at any time, simply sign up to clublog.org, submit your log and apply to join the CPSARC club there (club members only, random applicants will be refused)

John MM0JXI

Rank	Callsign	160	80	60	40	30	20	17	15	12	10	6	DXCC	Slots	Range
1	M0RNR	7	5	20	30	33	33	18	25	33	68	0	105	272	25 yrs
2	MM0XXW	0	19	0	44	78	40	18	41	35	26	0	99	301	18 yrs
3	MM0DXH	0	0	0	0	0	59	0	39	0	54	0	87	152	21 yrs
4	2M0EGH	0	0	0	0	2	20	7	23	11	22	0	52	85	7 yrs
5	GM4UYZ	0	2	0	6	2	35	11	16	12	12	0	48	96	44 yrs
6	2M0BEC	0	0	0	0	0	3	0	0	0	0	0	3	3	18 yrs

Club Events

1-Mar-24	Club Night
9-15 March 2024	Activity Week
12-Mar-24	Construction Night
5-Apr-24	Club Night
13-19 April 2024	Activity Week
21-Apr-24	Blackpool Rally
3-May-24	Club Night
11-17 May 2024	Activity Week
10-May-24	144MHz DF Hunt
14-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 Prestongrange Mining 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
6-Sep-24	Club Night
7-13 September 2024	Activity Week
4-Oct-24	Club Night
12-18 October 2024	Activity Week

Answers from March 2024 newsletter "Test Your Knowledge":
1B, 2A, 3A, 4C, 5B, 6B, 7C, 8D, 9A, 10D