

## John Moyle Memorial Field Day 2021

### 24 Hour Portable Operation – Multiple Operator

Call Sign	Operators	Mode	Band	Contacts	Score	Locator	Place /Award	Cert.
VK2WG	Multi	All	All	418	1,569	QF34RR	1 /*	1
VK3ER	Multi	Phone	All	536	4,915	QF22DM	1 /***	2
VK2SRC	Multi	Phone	All	283	3,266	QF69FU	2 /*	3
VK3CMZ	Multi	Phone	All	328	1,317	QF22DX	3 /*	4
VK3III	Multi	Phone	All	117	930	QF12KR	4 /*	5
VK4WIT	Multi	Phone	All	233	546	QG39EX	5 /*	6
VK6WR	Multi	Phone	All	170	404	OF77WX	6 /*	7
VK4GLA	Multi	Phone	All	127	259	QG55LP	7 /*	8
VK2SRA	Multi	Phone	All	72	144	QF56JL	8 /*	9
VK2RT	Multi	Phone	HF	494	988	QF44WO	1 /*	10
VK1JP	Multi	Phone	HF	390	780	QF45RM	2 /*	11
VK2AMW	Multi	Phone	HF	382	758	QF56CH	3 /*	12
VK4WCH	Multi	Phone	HF	187	370	QG46BI	4 /*	13
VK2JQ	Multi	Phone	HF	82	164	QF45JS	5 /*	14

/\* Certificate Awarded

\*\*\* President's Plaque

### Six Hour Portable Operation – Multiple Operator

Call Sign	Operators	Mode	Band	Contacts	Score	Locator	Place /Award	Cert.
VK4BRC	Multi	All	HF	129	258	QG51VI	1 /*	15
VK2BV	Multi	All	HF	105	256	QF48MM	2 /*	16
VK4BAR	Multi	All	HF	114	250	QG62PL	3 /*	17
VK5WOW	Multi	All	HF	91	182	PF95JF	4 /*	18
VK3BML	Multi	All	HF	55	108	QF12VL	5 /*	19
VK7TAZ	Multi	Phone	All	45	543	QE38PL	1 /*	20
VK2CLR	Multi	Phone	All	117	342	QG60LE	2 /*	21
VK3BSP	Multi	Phone	All	73	249	QF21MR	3 /*	22
VK6VF	Multi	Phone	All	29	138	OF77VW	4 /*	23
VK6AHR	Multi	Phone	All	15	52	OF87DU	5 /*	24
VK4WID	Multi	Phone	HF	120	240	QG62AP	1 /*	25
VK2MB	Multi	Phone	HF	119	238	QF45OA	2 /*	26

/\* Certificate Awarded

## 24 Hour Portable Operation – Single Operator

Call Sign	Operators	Mode	Band	Contacts	Score	Locator	Award	Cert.
VK5GR	Single	All	HF	364	756	PF94IK	1 /*	27
VK3ND	Single	Phone	All	73	833	QF21QL	1 /*	28
VK6POP	Single	Phone	All	106	289	OF87FX	2 /*	29
VK4WIG	Single	Phone	All	109	266	QG61OV	3 /*	30
VK6GD	Single	Phone	All	30	123	OF88BH	4 /*	31
VK3KK	Single	Phone	HF	284	568	QF12SH	1 /*	32
VK2BBQ	Single	Phone	HF	257	514	QF45QT	2 /*	33
VK6NT	Single	Phone	HF	221	442	OF89WT	3 /*	34
VK8RR	Single	Phone	HF	140	280	PH57EF	4 /*	35
VK4JSS	Single	Phone	HF	107	214	QG61AJ	5 /*	36
VK4HDY	Single	Phone	HF	45	90	QG63BA	6 /*	37
VK6JJM	Single	Phone	HF	36	72	OG71HF	7 /*	38
VK7TW	Single	Phone	HF	30	60	QE37RX		39

## 6 Hour Portable Operation – Single Operator

Call Sign	Operators	Mode	Band	Contacts	Score	Locator	Place/ Award	Cert.
VK2IO	Single	All	HF	152	324	QF56NI	1 /*	40
ZL3YB	Single	All	HF	98	210	RE58XL	2 /*	41
VK5WAT	Single	All	HF	50	118	QF21NW	3 /*	42
VK3MCL	Single	All	HF	56	114	QF12QP	4 /*	43
VK3MH	Single	Phone	All	46	386	QF22PL	1 /*	44
VK5XD	Single	Phone	All	80	162	PF94JM	2 /*	45
VK7ZBX	Single	Phone	VHF	61	718	QE37OC	1 /*	46
VK7ZMS	Single	Phone	VHF	47	442	QE37OC	2 /*	47
VK3ZO	Single	Phone	VHF	50	350	QF21SO	3 /*	48
VK6BJW	Single	Phone	VHF	4	88	OG71GF	4 /*	49
VK7LAG	Single	Phone	VHF	16	64	QE36NX	5 /*	50
VK7KPC	Single	Phone	VHF	2	24	QE38NJ	6 /*	51
VK5PAS	Single	Phone	HF	241	482	PF94JQ	1 /*	52
VK4FOMP	Single	Phone	HF	59	118	QG62MR	2 /*	53
VK4JRO	Single	Phone	HF	30	60	QG64DS	3 /*	54
VK5AV	Single	Phone	HF	23	46	QF02GG	4 /*	55
VK5OQ	Single	Phone	HF	16	32	PF84VE	5 /*	56
VK8HPB	Single	Phone	HF	14	28	PH57JO	6 /*	57
VK4JAZ	Single	Phone	HF	12	24	QG62LL	7 /*	58
VK5FXYL	Single	Phone	HF	10	20	PF94JD	8 /*	59
VK1DD	Single	Phone	HF	9	18	QF44MU	9 /*	60
VK3ZT	Single	Phone	HF	7	14	QF21UH	10 /*	61
VK2KI	Single	CW	HF	26	76	QF35CW	1 /*	62
VK3YE	Single	CW	HF	6	24	QF21NW	2 /*	63

/\* Certificate Awarded

/\* Participation Certificate

## Home Station – 24 Hour (Part 1)


Call Sign	Operators	Mode	Band	Contacts	Score	Locator	Award	Cert.	
VK3MH	Home	All	All	109	469	QF22NH	1 /*	64	
VK3IO	Home	All	All	36	57	QF22RB	2		
VK5DC	Home	CW	HF	16	64	PF95KW	1 /*	65	
VK5LJ	Home	All	HF	434	699	PF95LN	1 /*	66	
VK5RS	Home	All	HF	253	252	PF95HG	2		
VK5PX	Home	All	HF	53	83	PF95JG	3		
VK5FD	Home	All	HF	40	68	PF95IH	4		
VK2AMT	Home	Phone	All	72	825	QG61PE	1 /*		
VK2ACD	Home	Phone	All	108	337	QG60QU	2 /*	68	
VK3AVV	Home	Phone	All	158	330	QF22MF	3		
VK6DW	Home	Phone	All	123	217	OF88AA	4	69	
VK6ZMS	Home	Phone	All	63	130	OF78WC	5		
VK7JGD	Home	Phone	All	57	111	QE36PW	6		
VK6FD	Home	Phone	All	44	110	OF78VD	7		
VK3CTM	Home	Phone	All	78	105	QF23EE	8		
VK6GC	Home	Phone	All	48	103	OF77WX	9		
VK6JK	Home	Phone	All	52	79	OF78VD	10		
VK6YD	Home	Phone	All	43	66	OF78XB	11		
VK6WK	Home	Phone	All	42	65	OF88CD	12		
VK2AOR	Home	Phone	All	45	63	QF56SR	13		
VK6NCB	Home	Phone	All	29	53	OF78VD	14		
VK6WE	Home	Phone	All	29	42	OF78VA	15		
VK6FRLR	Home	Phone	All	18	41	OF77XW	16 /*		
VK6HNM	Home	Phone	All	24	41	OF77	17		
VK2HFG	Home	Phone	All	13	38	QF35QE	18		
ZL3VZ	Home	Phone	All	25	25	RE66GK	19		
ZL2JR	Home	Phone	All	6	6	RF73IC	20		
VK3DIP	Home	Phone	VHF	68	641	QF11SI	1 /*		70
VK3MY	Home	Phone	VHF	95	514	QF22PD	2		
VK3FS	Home	Phone	VHF	54	246	QF21MR	3		
VK2DLR	Home	Phone	VHF	22	160	QF61RF	4		
VK2VL	Home	Phone	VHF	35	130	QG60LE	5		
VK3EEK	Home	Phone	VHF	29	95	QF11GO	6		
VK2JWA	Home	Phone	VHF	6	84	QG61SD	7		
VK3FIX	Home	Phone	VHF	9	58	QF21PW	8		
VK3DNS	Home	Phone	VHF	18	49	QF22LH	9		
VK3EIP	Home	Phone	VHF	4	48	QF22RB	10		


/\* Certificate Awarded

/\* Participation Certificate

## Home Station – 24 Hour (Part 2)

Call Sign	Operators	Mode	Band	Contacts	Score	Locator	Award	Cert.
VK4DI	Home	Phone	HF	511	701	QG62EM	1 /*	71
VK3XV	Home	Phone	HF	268	388	QF12VD	2 /*	72
VK2DG	Home	Phone	HF	213	306	QF15CT	3	
VK2QN	Home	Phone	HF	174	251	QF56HF	4	
VK4ZD	Home	Phone	HF	155	222	QG62EM	5	
VK2YE	Home	Phone	HF	116	177	QF56JD	6	
VK4TAA	Home	Phone	HF	118	168	QG62MQ	7	
VK2LDW	Home	Phone	HF	105	163	QF55HC	8	
VK2MK	Home	Phone	HF	81	120	QF54FP	9	
VK2ETA	Home	Phone	HF	62	94	QG62MS	10	
VK4KD	Home	Phone	HF	56	91	QG62LP	11	
VK2KMI	Home	Phone	HF	52	79	QF59CA	12	
VK2VE	Home	Phone	HF	46	70	QF56ME	13	
VK4WC	Home	Phone	HF	42	69	QG61MX	14	
VK2GMC	Home	Phone	HF	45	56	QF56PC	15	
VK4JWC	Home	Phone	HF	37	56	QH30IR	16	
VK5DT	Home	Phone	HF	30	50	PF95IK	17	
VK2UVP	Home	Phone	HF	28	39	QF68JK	18	
VK3ZLT	Home	Phone	HF	25	38	QF22NG	19	
VK2KA	Home	Phone	HF	28	32	QF35BT	20	
VK2HHS	Home	Phone	HF	20	29	QF56OC	21	
VK4PQ	Home	Phone	HF	14	23	QH30IP	22	
VK2XIC	Home	Phone	HF	10	20	QF55JM	23	
VK3DEK	Home	Phone	HF	11	19	QF12JQ	24	
VK3YV	Home	Phone	HF	13	18	QF31AU	25	
VK4HNS	Home	Phone	HF	8	13	0	26	

 Certificate Awarded

 Participation Certificate

## Home Station – 6 Hour

Call Sign	Operators	Mode	Band	Contacts	Score	Locator	Award	Cert.
VK4DX	Home	All	HF	100	158	QG62LJ	1 /*	73
VK5GRY	Home	All	HF	31	62	0	2	
VK4TFN	Home	All	HF	23	36	QG62MO	3	
VK5QI	Home	All	HF	16	22	PH95HA	4	
VK5WT	Home	All	HF	13	17	0	5	
VK5XB	Home	All	HF	12	16	PF95HB	6	
VK2DEK	Home	Phone	All	84	124	QF56LA	1 /*	74
VK2TTL	Home	Phone	All	60	100	QG60NR	2	
VK3LF	Home	Phone	All	38	59	QF21XU	3	
VK7HH	Home	Phone	All	17	32	QE37PC	4	
VK7AN	Home	Phone	All	11	24	OF87AV	5	
VK6ATX	Home	Phone	VHF	47	176	OF77WW	1 /*	75
VK6ZKO	Home	Phone	VHF	55	128	OF87AA	2	
VK6KFD	Home	Phone	VHF	11	22	OF78VD	3	
VK2PR	Home	Phone	HF	247	334	QF55JS	1 /*	76
VK3CHI	Home	Phone	HF	23	36	QF22MF	2	
VK6MIL	Home	Phone	HF	13	23	OF78UF	3	
VK2POP	Home	Phone	HF	11	22	QF69ML	4	
VK2LRD	Home	Phone	HF	13	21	QF56JE	5	
VK3ZPF	Home	Phone	HF	12	20	QF21QW	6	
VK4ADC	Home	Phone	HF	11	18	QG62LG	7	

/\* Certificate Awarded

/S Participation Certificate

## Comments on John Moyle Memorial National Field Day 2021

Firstly, I must congratulate the portable stations who went to considerable extra effort to take part in locations that have not fully recovered and the government COVID rules in some states which effectively banned club stations from operating in the field.

This year's entries came from each of the Australian call areas (except VK0 and VK9) with several from New Zealand. The total number of eligible logs submitted was 147. This was a decrease (11.3%) from the 179 logs received last year.

Well done to all who took part and took the effort to submit a log.

I have included in the results, all of the logs that I received and if any are missing, they are completely lost. There was a couple of days before the WIA webmaster activated the address. I can only offer my apologies to anyone so affected. If your log is missing, it did not get to me. It is the responsibility of the entrant to ensure their log is included on the list of logs.

Based upon submitted logs, there were some 13,222 contacts, (a 3.5% decrease from 2020) accumulating some 38,930 points claimed, (a 24.8% increase from 2020). This was successful contesting for an Australian field day contest resulting from 147 logs being received. More than 1210 Australian individual call signs were logged during the contest.

Band	S/UHF		VHF		HF	
	Points	Contacts	Points	Contacts	Points	Contacts
<b>76 GHz</b>	<b>0</b> (0)	<b>0</b> (0)				
<b>47 GHz</b>	<b>0</b> (0)	<b>0</b> (0)				
<b>24 GHz</b>	<b>114</b> (0)	<b>12</b> (0)				
<b>10 GHz</b>	<b>365</b> (48)	<b>27</b> (4)				
<b>5.7 GHz</b>	<b>136</b> (0)	<b>16</b> (0)				
<b>3.4 GHz</b>	<b>250</b> (0)	<b>20</b> (0)				
<b>2.4 GHz</b>	<b>746</b> (12)	<b>55</b> (6)				
<b>23cm</b>	<b>1,971</b> (905)	<b>211</b> (151)				
<b>70 cm</b>	<b>4,652</b> (2,283)	<b>587</b> (571)				
<b>2m</b>			<b>7,749</b> (7,340)	<b>960</b> (1,400)		
<b>6m</b>			<b>3,256</b> (1,723)	<b>389</b> (309)		
<b>10m</b>					<b>42</b> (76)	<b>25</b> (61)
<b>15m</b>					<b>43</b> (43)	<b>28</b> (41)
<b>20m</b>					<b>1,940</b> (2,080)	<b>1,013</b> (1,165)
<b>40m</b>					<b>12,4860</b> (13,227)	<b>6,913</b> (7,875)
<b>80m</b>					<b>5,058</b> (3,419)	<b>2,893</b> (2,088)
<b>160m</b>					<b>120</b> (43)	<b>71</b> (29)
<b>Total</b>	<b>8,234</b> (3,248)	<b>930</b> (732)	<b>11,005</b> (9,063)	<b>1,349</b> (1,709)	<b>19,692</b> (18,888)	<b>10,943</b> (11,259)

Table should be read – **2021 results in bold** (with (2020 results) in brackets)

Unfortunately, only 23 Club Stations took part and this was considerably fewer than in the past, but the COVID-19 restrictions seem to have limited the number of multiple operator stations. Well done to those Multi-operator stations who were able to work around the restrictions.

Activity was carried out on all bands permitted under the rules. There was a slight increase in activity on HF, and there was less activity on most of the HF frequencies as would be expected by the decreasing sunspot cycle. This sunspot cycle is just past the minimum at the moment and conditions on some bands did appear reflect this.

The other lower bands seemed to be only marginally affected by the QRM.

In the higher UHF and Microwave bands there was a huge decrease in activity; since the absence of club stations virtually eliminated activity? Activity overall was somewhat decreased as many fewer portable stations were out in the field

The scoring in the VHF range was much reduced compared to last year. Though the scoring as a ratio of contacts per station was down from 2020. The absence of many club stations, because of the miserable weather and the COVID-19 restrictions that were introduced certainly reduced activity, with most stations making such comments.

Call Area	Portable				Home				Total	
	24Hr	6hr	24hr	6hr	24hr	6hr	24hr	6hr	Tot	Tot
VK1	1	1	1	0	0	0	0	0	2	1
VK2	7	5	9	15	20	5	16	11	37	51
VK3	5	7	2	5	15	3	20	6	30	33
VK4	6	6	6	5	8	3	13	6	23	30
VK5	1	7	2	5	6	4	9	4	18	20
VK6	5	4	4	3	11	3	15	3	23	25
VK7	1	5	1	4	1	2	1	7	9	13
VK8	1	1	1	1	0	0	1	1	2	4
VK9	0	0	0	0	0	0	0	0	0	0
P2	0	0	0	0	0	0	0	0	0	0
ZL	0	1	0	1	2	0	0	1	3	2
Tot	27	37	26	39	63	20	75	39	147	179
	2021	2021	2020	2020	2020	2020	2019	2019	2021	2020

All of the portable stations that went to the effort to send in a log will get a certificate. The WIA believes that those who make the effort to set up and operate a portable station should be acknowledged. In line with previous years, the Foundation License logs who did not achieve a placing were instead awarded a Participation Certificate for encouragement.

However, the new Foundation LCD, it is no longer possible to identify Foundation Licensed operators who submitted a log. (There were possibly more foundation calls stations who operating and who were logged during the contest, but they chose not to submit a log. All logs submitted by identified foundation operators were awarded a participation certificate. Logs from club stations did also show that some 'F' Calls also took part as part of the club station effort, well done.

## Comparison between 2020 and Earlier Years

Year	Logs	Contacts	Points
<b>2021</b>	<b>147</b>	<b>13,222</b>	<b>38,930</b>
2020	179	13,700	31,199
2019	160	13,984	41,975
2018	171	13,666	40,247
2017	160	15,902	54,494
2016	154	17,836	71,511
2015	184	21,405	73,796
2014	179	23,799	74,172
2013	111	18,047	61,213
2012	140	22,173	88,270
2011	129	20,857	71,736
2010	122	23,573	80,087
2009	124	20,773	71,041
2008	104	17,258	98,940
2007	76	12,535	64,028
2006	78	10,865	61,387
2005	67	8,423	44,080
2004	66	8,602	49,855

This year, the rules again stated that VKCL is the preferred submission format with the file **CALL\_LogToSubmit.txt** output file from VKCL (VK Contest Log). EXCEL is the preferred alternative. A sample linked EXCEL logging report was prepared and was available on the WIA Contest website. (Contact me at [vk4ae@wia.org.au](mailto:vk4ae@wia.org.au) if you would like a copy of my linked spreadsheet in EXCEL for next year.) Other suitable file submission formats are WORD.

**PDF format is not acceptable nor are JPG and TIFF or any other image type**, as though a picture might be worth 1,000 words to me or you, an image file of your log contains no more information than a picture of a flower and the data is not readable by a computer, thus the file is unreadable and unusable for the contest. Unfortunately, the contest manager has to manually enter your file into the database. Indeed, a scanned copy of the signed front page of the log is perfectly acceptable, but the rest of the log has to be fully electronically readable.

The majority of other logs submitted in an electronic form this year, were usually fully readable. There were 97.3% of logs submitted electronically this year, similar to last year. This has been due largely to the excellent work by Mike Subocz (VK3AVV) and his worthy program VKCL (VK Contest Log). Those that submitted a log in the VKCL export format were as usual very easy to work with. A number of entries did not contain the correct file \*.txt, but others files like \*.db3 and \*.config. Most stations quickly submitted the correct file, but a few refused to even reply to my request or to cooperate in any way.

It is interesting that the number of logs submitted in the latest version 4.14 of VKCL was only 90 logs. There were 35 logs submitted using an older version of VKCL. It must be stressed that older versions of VKCL do not always follow the latest version of the contest rules and so logs submitted using the older versions can and do contain significant scoring errors. You are strongly encouraged to ALWAYS use the latest version of VKCL as you might be missing out on some score. In addition, there were another 14 logs that were submitted using EXCEL.

Paper logs may continue to be used. A small log from an individual operator is, and will remain, completely acceptable. Large paper logs require a very considerable manual work on the part the



contest manager to input the data into the contest database and hence are not permitted. It is so much better to forward the computer files used to print the paper log, as part of an e-mail, for the data can then be most easily extracted and used for checking purposes.

**A note for all HF Stations; - All HF contacts are valid HF scoring contacts, whether they are from VK ZL or P2 stations or stations from overseas.**

Overseas stations cannot submit a log to the contest but can exchange numbers with stations participating in the Field Day Contest. They are to be scored as a Portable station contact.

### Comments Regarding this Year's Contest

#### 1. The comparative difference in score and scoring between HF and VHF/UHF contacts.

In fact, within the John Moyle Contest, the rules allow for some 60 possible alternative categories as shown below. Each category is actually completely independent from every other category and so there are in fact 60 parallel contests. In this way, it is completely different from any other contest presently in Australia. This year only 24 of the different categories were contested.

*Table of Existing categories*

Operators		Modes				Bands		
	Time							
<b>Multi</b>	24	Phone	CW	Digital	All	HF	VHF	All
<b>Multi</b>	6	Phone	CW	Digital	All	HF	VHF	All
<b>Single</b>	24	Phone	CW	Digital	All	HF	VHF	All
<b>Single</b>	6	Phone	CW	Digital	All	HF	VHF	All

<b>Home</b>	24	Phone	CW	Digital	All	HF	VHF	All
<b>Home</b>	6	Phone	CW	Digital	All	HF	VHF	All

For this reason it is not possible to have overall winner in this contest, as scores from any category, especially between different bands and different modes are not directly comparable. Only scores within the same category are directly comparable. To reduce the costs to the WIA, the number of certificates awarded to Home Stations – the contest is a Field Day after all – only 1 certificate for every 10 logs received in each category will be awarded again this year.

The award of the Presidents Cup is a further parallel contest. It is awarded to the highest score from a Club Station, affiliated with the WIA, in any category. This year will be awarded to VK3ER.

#### 2. The number of logs submitted to the contest is down compared with last year

The number of logs entered in this year's contest has decreased compared to last year. The number individual stations taking part in the contest and the number of their contacts seems to be down compared to last few years. The additional logs increased the percentage of verified contacts during the contest, making the contest manager's task of checking the logs just a little bit easier.

**In 2021, a total of 147 logs were submitted from 64 portable stations and 83 home stations.**

In 2020, a total of 179 logs were submitted from 65 portable stations and 114 home stations.

In 2019, a total of 160 logs were submitted from 76 portable stations and 84 home stations.

In 2018, a total of 171 logs were submitted from 81 portable stations and 90 home stations.

In 2017, a total of 160 logs were submitted from 79 portable stations and 81 home stations.

In 2016, a total of 154 logs were submitted from 82 portable stations and 72 home stations.

In 2015, a total of 184 logs were submitted from 94 portable stations and 90 home stations.

In 2014, a total of 179 logs were submitted from 88 portable stations and 91 home stations.  
In 2013, a total of 111 logs were submitted from 67 portable stations and 44 home stations.  
In 2012, a total of 140 logs were submitted from 77 portable stations and 63 home stations.  
In 2011, a total of 129 logs were submitted from 83 portable stations and 46 home stations.  
In 2010, a total of 122 logs were submitted from 73 portable stations and 49 home stations.  
In 2009, a total of 124 logs were submitted from 63 portable stations and 61 home stations.  
In 2008, a total of 104 logs were submitted from 59 portable stations and 45 home stations.  
In 2007, a total of 76 logs were submitted from 48 portable stations and 18 home stations.

### **3. The issue of scoring for CW contacts.**

The number of All Mode contacts was significantly higher than in the recent past. A good sign!

While CW is no longer a precondition for obtaining an Amateur licence, it is a skill that is still widely distributed among existing operators and a skill that should be nurtured among the newer licence holders as communications is still possible under very trying conditions.

However, the use of computer generated/decoded CW is prevalent and it is felt that hand generated code that is decoded by ear alone should only qualify as true CW. This has caused some concern among the contest aficionados, but as this is a field day contest and so the emphasis on hand sent and ear decoded CW is seen to be preferred and computer sent and decoded CW is not endorsed. This is hard to police however, and it requires the cooperation of the operator to indicate in their log if the CW is hand keyed or not.

Any computer method is simply just another digital mode and so should not score the same as hand CW, but only the same as any of the other many digital modes.

### **4. The number of people who submitted logs claiming 'All Modes' and only logging contacts using SSB or FM.**

The Modes allowed in the rules are PHONE (SSB or FM), Morse (CW) (Manual) and DIGITAL (Computer) Mode.

The PHONE (Voice) only Modes are SSB, DSB, FM, PM or AM. That is the modulation is an audio signal derived in the first instance from a microphone.

The alternative is hand CW Mode, which is one where the operator simply turns the carrier on and off according to the Morse code.

DIGITAL mode is one which uses a computer to control the transmitter and to decode the information to allow the operator to complete the contact. The total number of digital contacts this year was only 4. ALL MODE, is any combination of the above modes.

### **5. Club Stations**

Club Stations were well operated and made some very big scores as a result of their combined efforts. Well done

The absence of a more than 53 club Stations (75%) was noted for this year. This is largely because of the COVID-19 restrictions that were introduced – notably in VK3 – which precluded any activity by a multi-operator of club station .

One issue that occurred prior to the contest, was that a couple of Club Stations said that they could not find sufficient people to man their portable station. However, these stations wanted to operate as Multi-Operator Home stations all using the club call sign. The Amateur LCD rules do not allow this.

Once in the past, a few Multi-Operator Home Stations were permitted, but there were so many complaints made by others about the very predatory and aggressive operating practices of these stations. In addition, there was the very obvious advantages of permanent antennas high powered amplifiers and mains power and dominating the band hence this practice is no longer allowed.

A Home station is only permitted to have a single operator. Of course, a Club Station can operate with a single transmitter and a single operator at any time, this is encouraged, as it provides very good training for the newer operators as they can be readily helped and supervised during the contest.

The purpose of the Field Day is to promote field operation and the Home Station is encouraged to provide contacts for portable stations. There are plenty of all singing and dancing Multi-Operator and Multi-station contests during the year, so it is not felt to be in the spirit of the JMMFD contest to have club stations with Multi-operators and multiple High-Power transmitters dominating the contest in a Portable Station contest.

## **6. The Future**

Now it is over to you. There are always ways to improve anything, but scrapping something because it does not suit you is not possible. But if benefits are shown to be available, further changes can be made to the contest to better serve the amateur community. But changes to force the majority to follow what suits a small minority is definitely not a good idea.

If you have any contribution to these topics, the Rules for this contest are available at the WIA web site at <http://www.wia.org.au/members/contests/johnmoyle/> which already contains my contact information and please feel free to contact me with your submission for further consideration.

Well done to all of those stations that participated in the contest and well done those who bothered to submit a log. It is hoped that the number of logs to be submitted next year will continue its increase from this year's log numbers.

I wish to thank those who did send in photographs of their equipment set-up and personnel involved for inclusion in the AR magazine.

Denis Johnstone (VK4AE)  
Contest Manager, JMMFD 2021

### Breakdown of Contacts by Call Area and Band

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	76G P	76G C	47G P	47G C	24G P	24G C	10G P	10G C	5.7G P	5.7G C	3.4G P	3.4G C	2.4G P	2.4G C	1.2G P	1.2G C	70cm P	70cm C
VK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VK2	0	0	0	0	0	0	0	0	0	0	96	3	290	10	341	35	1208	104
	0	0	0	0	0	0	0	0	0	0	0	0	12	6	689	91	1020	158
VK3	0	0	0	0	114	12	133	14	121	13	154	17	368	41	1345	142	2646	324
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	10	161	78
VK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	4
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	31	7
VK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	100	37
VK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	6	343	109
	0	0	0	0	0	0	480	0	0	0	0	0	0	0	40	20	820	260
VK7	0	0	0	0	0	0	232	13	15	5	0	0	88	4	273	28	430	46
	0	0	0	0	0	0	0	40	0	0	0	3	0	0	142	26	151	31
VK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>2021</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114</b>	<b>12</b>	<b>365</b>	<b>27</b>	<b>136</b>	<b>18</b>	<b>250</b>	<b>20</b>	<b>746</b>	<b>55</b>	<b>1971</b>	<b>211</b>	<b>4562</b>	<b>587</b>
2020	0	0	0	0	0	0	48	40	0	0	0	0	12	6	905	151	2283	571

Numbers in Bold are for 2021 and other details are from 2020

### Breakdown of Contacts by Call Area and Band

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	2m P	2m C	6m P	6m C	10m P	10m C	15m P	15m C	20m P	20m C	40m P	40m C	80m P	80m C	160m P	160m C
VK1	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 364	<b>0</b> 182	<b>0</b> 320	<b>0</b> 160	<b>0</b> 0	<b>0</b> 0
VK2	<b>2271</b> 3361	<b>203</b> 380	<b>1294</b> 1212	<b>120</b> 179	<b>22</b> 24	<b>11</b> 19	<b>14</b> 14	<b>7</b> 13	<b>339</b> 319	<b>142</b> 156	<b>4697</b> 4752	<b>2590</b> 2833	<b>1682</b> 1126	<b>947</b> 727	<b>58</b> 32	<b>31</b> 22
VK3	<b>3677</b> 888	<b>406</b> 193	<b>1722</b> 55	<b>191</b> 27	<b>12</b> 32	<b>10</b> 30	<b>8</b> 27	<b>8</b> 26	<b>82</b> 182	<b>41</b> 104	<b>1707</b> 2139	<b>946</b> 1430	<b>868</b> 769	<b>490</b> 501	<b>41</b> 3	<b>24</b> 3
VK4	<b>179</b> 458	<b>23</b> 61	<b>7</b> 234	<b>1</b> 20	<b>2</b> 2	<b>1</b> 1	<b>8</b> 0	<b>4</b> 0	<b>472</b> 678	<b>263</b> 404	<b>2849</b> 3446	<b>1635</b> 1930	<b>694</b> 623	<b>405</b> 334	<b>14</b> 4	<b>11</b> 0
VK5	<b>4</b> 159	<b>1</b> 78	<b>0</b> 24	<b>0</b> 9	<b>0</b> 0	<b>0</b> 0	<b>4</b> 0	<b>2</b> 0	<b>308</b> 160	<b>185</b> 90	<b>2005</b> 1752	<b>1099</b> 1041	<b>808</b> 357	<b>485</b> 236	<b>2</b> 0	<b>1</b> 0
VK6	<b>862</b> 2214	<b>249</b> 678	<b>183</b> 168	<b>63</b> 63	<b>0</b> 12	<b>0</b> 8	<b>9</b> 2	<b>7</b> 2	<b>391</b> 492	<b>209</b> 271	<b>384</b> 133	<b>212</b> 87	<b>690</b> 143	<b>387</b> 78	<b>0</b> 8	<b>0</b> 4
VK7	<b>756</b> 260	<b>78</b> 41	<b>50</b> 30	<b>14</b> 11	<b>6</b> 0	<b>3</b> 0	<b>0</b> 0	<b>0</b> 0	<b>16</b> 22	<b>9</b> 12	<b>116</b> 388	<b>62</b> 210	<b>31</b> 32	<b>20</b> 23	<b>5</b> 0	<b>40</b> 0
VK8	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>304</b> 203	<b>152</b> 112	<b>2</b> 89	<b>1</b> 64	<b>2</b> 3	<b>1</b> 0	<b>0</b> 0	<b>0</b> 0
VK9	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0
P2	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0
ZL	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>0</b> 0	<b>26</b> 16	<b>11</b> 8	<b>106</b> 129	<b>57</b> 71	<b>109</b> 22	<b>61</b> 11	<b>0</b> 0	<b>0</b> 0
2021 2020	<b>7749</b> 7340	<b>960</b> 1400	<b>3256</b> 1723	<b>389</b> 309	<b>42</b> 76	<b>25</b> 61	<b>43</b> 43	<b>28</b> 41	<b>1940</b> 2080	<b>1013</b> 1165	<b>12489</b> 13227	<b>6913</b> 7875	<b>5058</b> 3419	<b>2893</b> 2088	<b>120</b> 43	<b>710</b> 29

Numbers in Bold are for 2021 and other details are from 2020