

John Moyle Memorial Field Day 2012

24 Hour Portable Operation – Multiple Operator

Call Sign	Operators	Mode	Band	Contacts	Score	Place /Award
VK3ER	Multi	All	All	1,050	10,026	1 /**/**
VK4WIS	Multi	All	All	411	1,940	2 /*
VK3YVG	Multi	All	All	337	1,848	3 /*
VK2SRC	Multi	Phone	All	739	6,663	1 /*
VK5SR	Multi	Phone	All	368	4,192	2 /*
VK3CNE	Multi	Phone	All	562	3,846	3 /*
VK3JNH	Multi	Phone	All	347	3,617	4 /*
VK3ANR	Multi	Phone	All	511	2,273	5 /*
VK4WID	Multi	Phone	All	719	2,086	6 /*
VK2BOZ	Multi	Phone	All	484	2,069	7 /*
VK3APC	Multi	Phone	All	166	1,457	8 /*
VK3CMZ	Multi	Phone	All	216	887	9 /*
VK6AHR	Multi	Phone	All	245	551	10 /*
VK6ARG	Multi	Phone	All	203	473	11 /*
VK5GRC	Multi	Phone	All	104	312	12 /*
VK5OM	Multi	Phone	VHF	174	4,616	1 /*
VK2EH	Multi	Phone	VHF	72	1,052	2 /*
VK4IZ	Multi	All	HF	679	2,114	1 /*
VK2AOJ	Multi	All	HF	286	676	2 /*
VK2WG	Multi	All	HF	135	284	3 /*
VK5LZ	Multi	Phone	HF	1036	2,066	1 /*
VK3FRC	Multi	Phone	HF	745	1,490	2 /*
VK2CL	Multi	Phone	HF	571	1,136	3 /*
VK3AWG	Multi	Phone	HF	266	533	4 /*
VK2ARO	Multi	Phone	HF	221	442	5 /*
VK2AZD	Multi	Phone	HF	204	408	6 /*
VK8DA	Multi	Phone	HF	135	270	7 /*
VK7WCN	Multi	Phone	HF	132	264	8 /*
VK8AR	Multi	Phone	HF	110	214	9 /*
VK1BEK	Multi	Phone	HF	80	160	10 /*
VK2MB	Multi	Phone	HF	74	156	11 /*
VK4WIT	Multi	Phone	HF	14	28	12 /*

Six Hour Portable Operation – Multiple Operator

Call Sign	Operators	Mode	Band	Contacts	Score	Place /Award
VK3AWS	Multi	Phone	All	169	955	1 /*
VK2XE	Multi	Phone	All	199	400	2 /*
VK4BAR	Multi	Phone	All	63	181	3 /*
VK2SF	Multi	Phone	HF	195	390	1 /*
VH2HZ	Multi	Phone	HF	111	222	2 /*
VK2BOR	Multi	Phone	HF	53	106	3 /*
VK4WIL	Multi	All	All	170	470	1 /*
VK4CHB	Multi	All	HF	40	72	1 /*

24 Hour Portable Operation – Single Operator

Call Sign	Operators	Mode	Band	Contacts	Score	Award
VK4OE	Single	Phone	All	155	1,802	1 /*
VK2JUB	Single	Phone	All	141	1,120	2 /*
VK2FAAD	Single	Phone	All	135	697	3 /*
VK5AR	Single	Phone	All	89	328	4 /*
VK5PX	Single	Phone	All	86	260	5 /*
VK3KQ	Single	Phone	VHF	82	974	1 /*
VK4KRX	Single	Phone	HF	266	532	1 /*
VK6SH	Single	Phone	HF	206	412	2 /*
VK4MON	Single	Phone	HF	178	356	3 /*
VK5MH	Single	Phone	HF	137	274	4 /*
VK2FOWL	Single	Phone	HF	21	42	5 /*
VK2KGH	Single	Phone	HF	10	20	6 /*
VK1WJ	Single	All	All	45	171	1 /*

Six Hour Portable Operation – Single Operator

Call Sign	Operators	Mode	Band	Contacts	Score	Award
VK3WAM	Single	All	VHF	78	1,069	1 /*
VK3PI	Single	Phone	VHF	105	730	1 /*
VK3VMC	Single	Phone	VHF	27	320	2 /*
VK3FIX	Single	Phone	VHF	23	270	3 /*
VK5LD	Single	Phone	VHF	26	131	4 /*
VK5RX	Single	Phone	All	129	823	1 /*
VK3LLL	Single	Phone	All	112	709	2 /*
VK4ADC	Single	Phone	All	159	539	3 /*
VK5ZT	Single	Phone	All	102	228	4 /*
VK3AHT	Single	Phone	All	45	100	5 /*
VK5CZ	Single	All	HF	63	132	1 /*
VK3YE	Single	All	HF	20	46	2 /*
VK4JAZ	Single	CW	HF	4	16	1 /*
VK4GH	Single	Phone	HF	231	462	1 /*
VK3HJA	Single	Phone	HF	146	292	2 /*
VK3ZPF	Single	Phone	HF	111	222	3 /*
VK5DG	Single	Phone	HF	105	210	4 /*
VK3ZO	Single	Phone	HF	102	204	5 /*
ZL2AYZ	Single	Phone	HF	101	202	6 /*
VK4JRO	Single	Phone	HF	20	40	7 /*
VK2IO	Single	Phone	HF	14	28	8 /*
VK4IO	Single	Phone	HF	13	26	9 /*
VK5KPR	Single	Phone	HF	12	24	10 /*
VK4HSV	Single	Phone	HF	5	10	11 /*

/* Certificate Awarded

** President's Cup

/* Participation Certificate

Home Station – 24 Hour

Call Sign	Operators	Mode	Band	Contacts	Score	Award
VK4VDX	Home	0	All	384	1,118	1 /*
VK3MY	Home	0	All	176	960	2 /*
VK4KLC	Home	0	All	214	686	3 /*
VK3KIS	Home	0	All	138	394	4
VK3LAC	Home	0	All	158	389	5
VK2TTP	Home	0	All	227	371	6
VK1MAT	Home	0	All	237	364	7
VK4MJF	Home	0	All	64	280	8
VK5FTCT	Home	0	All	129	211	9 \$
VK3PHI	Home	0	All	79	210	10
VK3RU	Home	0	All	48	206	11
VK2WJ	Home	0	All	76	200	12
VK4FATT	Home	0	All	119	193	13 \$
VK4ZW	Home	0	All	118	192	14
VK3AKG	Home	0	All	34	159	15
VK2UVP	Home	0	All	46	111	16
VK3OHM	Home	0	All	18	71	17
VK3EEE	Home	0	All	26	44	18
VK6XS	Home	0	All	19	40	19
VK2LAW	Home	0	HF	718	1,031	1 /*
VK5PAS	Home	0	HF	494	731	2 /*
VK2KDP	Home	0	HF	408	592	3 /*
VK4FAAS	Home	0	HF	191	294	4 \$
VK4MIT	Home	0	HF	195	293	5
VK4ATH	Home	0	HF	135	230	6
VK5MTM	Home	0	HF	125	188	7
VK3TCX	Home	0	HF	59	101	8
VK4SR	Home	0	HF	61	100	9
VK7GM	Home	0	HF	51	90	10
ZL3AKM	Home	0	HF	44	70	11
VK3LDR	Home	0	HF	35	56	12
VK4NI	Home	0	HF	32	49	13
VK3HSR	Home	0	HF	30	47	14
VK5LOL	Home	0	HF	22	42	15
VK5EMI	Home	0	HF	22	41	16
VK2HGO	Home	0	HF	24	39	17
VK5YX	Home	0	HF	23	35	18
VK1HW	Home	0	HF	14	24	19
VK4KML	Home	0	HF	13	22	20
ZL2COL	Home	0	HF	5	7	21
VK3DIP	Home	0	VHF	66	616	1 /*
VK3JTM	Home	0	VHF	44	518	2 /*
VK3AIC	Home	0	VHF	54	204	3 /*
VK3ZHQ	Home	0	VHF	16	97	4
VK3TPH	Home	0	VHF	24	63	5
VK6ALU	Home	0	VHF	3	6	6

Home Station – 6 Hour

Call Sign	Operators	Mode	Band	Contacts	Score	Award
VK2DAG	Home	0	All	167	291	1 /*
VK2AFY	Home	0	All	164	261	2 /*
VK4HBG	Home	0	All	44	91	3 /*
VK2YW	Home	0	All	27	44	4
VK5FPAW	Home	0	All	10	22	5 /\$
VK3BQ	Home	0	VHF	23	102	1 /*
VK2MCI	Home	0	HF	197	291	1 /*
VK2ATZ	Home	0	HF	215	288	2 /*
VK3VTH	Home	0	HF	52	76	3 /*
VK4TDI	Home	0	HF	44	75	4
VK5FJ	Home	0	HF	24	42	5
VK2FHRK	Home	0	HF	27	40	6 /\$
VK2FVRJ	Home	0	HF	22	37	7 /\$
VK4NP	Home	0	HF	15	26	8
VK2JNA	Home	0	HF	10	16	9
VK6FSAP	Home	0	HF	11	11	10 /\$
VK2VJB	Home	0	HF	4	7	11

/* Certificate Awarded

** President's Cup

/\$ Participation Certificate

Comments on John Moyle Memorial National Field Day 2012

This year's entries came from every Australian mainland call areas, as well as from Tasmania and New Zealand. The total number of logs submitted was 140. This was an increase from the 129 logs received last year. It was good to see several ZL stations take part this year, and three stations submitted their log. Well done to all who took part.

I have included in the results all of the logs that I received and if any are missing, they are completely lost. I can only offer my apologies to anyone so affected. I am sorry if your log is missing, but it did not get it to me despite my most careful procedures and cross checking.

Based upon submitted logs, there were some 22,173 contacts, (a 6.3% increase over 2011) accumulating some 88,270 points claimed, (a 23% increase from 2011). This was pretty heavy contesting for an Australian field day contest, but unfortunately it resulted in just 140 logs being received.

Unfortunately, the numbers of stations who went to the considerable trouble of going out and setting up as a portable station and then not bothering to submit a log as an entry, is still a disappointment. Some multiple operator stations got very big scores this and perhaps that simply reflects the great and varied planning and implementation efforts required to assemble and operate a multi operator station.

Band	S/UHF		VHF		HF	
	Points	Contacts	Points	Contacts	Points	Contacts
24 GHz	0 (0)	0 (0)				
10 GHz	22 (184)	1 (12)				
5.7 GHz	22 (154)	1 (8)				
3.4 GHz	57 (284)	8 (22)				
2.4 GHz	982 (494)	58 (41)				
23cm	4,819 (3,193)	333 (319)				
70 cm	14,345 (9,511)	1,201 (962)				
2m			25,154 (17,902)	2,131 (1,841)		
6m			9,439 (6,882)	775 (564)		
10m					119 (202)	66 (97)
15m					170 (410)	92 (195)
20m					8,164 (6,719)	3,961 (3,374)
40m					18,194 (18,652)	10,006 (9,764)
80m					6,739 (7,028)	3,518 (3,621)
160m					44 (121)	22 (55)
Total	20,247 (13,820)	1,602 (1,364)	34,593 (24,784)	2,906 (2,405)	33,430 (33,132)	17,665 (17,088)

Table should be read – **2012 results in bold** (with (2011 results) in brackets)

Activity was carried out on all bands permitted under the rules. There was not a noticeably increased activity on HF, and the frequencies in use seemed unaffected by the increasing sunspot cycle. This sunspot cycle is ascending off the bottom of the cycle but conditions did not appear to improve substantially this year. There was a slight 6m boost apparent in.

In the higher UHF and Microwave bands there was a decrease in activity; maybe it follows a weather cycle, rather than the solar cycle? Maybe it only takes a couple of club stations to not operate to make the difference?

The scoring in the UHF range was slightly up from last year. The VHF range the number of contacts is slightly higher than for 2011. The absence of many VK2 & VK4 club stations, because of the miserable weather in some parts certainly reduced activity, with many stations making such comments.

The other major change noticed this year was the decrease in Portable Station operation, and an increase in Home Station operation. Clearly as there were some portable station operators who did not bother to submit a log they are strongly encouraged to do so next year. However the change in the Home Station scoring resulted in increased activity.

The participation across the various Call Areas was patchy. There was an increase in Portable stations in only VK2, while the other states all showed a decrease with VK7 activity also down on last year.

Call Area	Portable		Home		Total	
	2012	2011	2012	2011	2012	2011
VK1	2	4	2	0	4	4
VK2	18	15	15	10	33	25
VK3	21	23	18	12	39	34
VK4	16	14	14	9	30	23
VK5	13	14	8	10	21	24
VK6	3	7	3	2	6	9
VK7	1	2	1	2	2	4
VK8	2	3	0	0	2	3
P2	0	0	0	0	0	0
ZL	1	2	2	1	3	3
	77	84	63	46	140	129
	2012	2011	2012	2011	2012	2011

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 made the effort to set up and operate a portable station should be acknowledged. In line with last year, the Foundation License logs who did not achieve a placing were instead awarded a Participation Certificate for encouragement.

A pleasing increase to nine Foundation Licensed operators submitted a log. (Four from VK2, none were from VK3, two were from VK4, two from VK5 and one from VK6.) There were many more stations than this logged during the contest. All logs submitted by foundation operators were awarded a certificate. Logs from club station showed that quite a number also took part, as part of the club station effort.

Comparison between 2012 and Earlier Years

Year	Logs	Contacts	Points
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 EXCEL is the preferred submission format. A sample linked EXCEL logging report was prepared and sent to those who requested this file. (Contact me at 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, TXT or the ADI output file from VKCL (VK Contest Log). PDF format is not acceptable as are JPG and TIFF.

All logs submitted in an electronic form this year, were fully readable.

The new General rules for WIA contests were issued prior to this year's contest requiring all logs to be submitted in Cabrillo format to fall into line with contests in other countries. There was insufficient time available to prepare a template and revise the contest scoring software. In the event there were no logs submitted in that format. Hence the time spent on creating suitable software by the author was completely wasted. It is viewed that, in Australia, there is negligible interest among most operators to go down this path to follow overseas contests by banning paper logs and only submitting logs in Cabrillo format. Hence it is likely that the rules of this contest will not change to follow this model.

There were still only 91% of logs submitted electronically this year, up from 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. Those that simply forwarded the text output of VKCL were also rather simpler to work with than any form of posted paper log or a log completed by hand.

Paper logs may also 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 are no longer permitted. It is so much better to forward the computer files used to print the paper log as part of an e-mail as the data can then be easily extracted and used for checking purposes.

Next year, club stations will only be eligible to submit an entry, if their log is submitted electronically. (Paper logs from club stations are welcomed as a backup, if required, but the extensive amount of work required to manually check large paper logs is no longer acceptable, especially if the club station log has been prepared on a computer.)

A note for all HF Stations; - Any 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.

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 31 possible alternative categories as shown below. Each category is actually completely independent from every other category and so there are in fact 35 parallel contests. In this way it is completely different from any other contest presently in Australia.

Table of Existing categories

Operators		Modes				Bands		
	Time							
Multi	24	Phone	CW	Digital	All	HF	VHF	All
Multi	6	Phone	CW	Digital	All	HF	VHF	All
Single	24	Phone	CW	Digital	All	HF	VHF	All
Single	6	Phone	CW	Digital	All	HF	VHF	All

Home	24
Home	6

HF	VHF	All
HF	VHF	All

SWL	24
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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 correctly comparable. The award of the Presidents Cup is a parallel contest. It is awarded to the highest score from a Club Station, affiliated with the WIA, in any category.

However, there were two very contentious problems to do with scoring of contacts arose: -

2. The comparative difference in score and scoring between Portable and Home Stations HF and VHF/UHF contacts.

A number of Home stations observed last year that with the miserable weather especially in VK2 and VK4 the number of club stations in the field was lower than usual. A number of stations who would normally have ventured into the field suggested that in the event of miserable weather many stations would have operated as Home Stations, but felt that with the 'Abysmal Score' afforded to Home Stations in contact with a Portable Station, irrespective of the distance and effort involved. The JMMFD is not intended as a vhf DX contest, but due to the presence of increased numbers of field stations at good vhf locations it does become at least a QSO party, with portable contacts being made feasible that are usually not available.

As one of the goals of the contest is to actively promote portable capability and as a training exercise for emergencies, thus the rules need to be framed around those objectives. The rules encourage field stations, while providing incentives for the stations they want to work (including home stations) to give them as many contacts as possible.

For the field day contest it is my view that Home Stations are not competing with Portable Stations, so giving them the same points as Portable Stations does not treat either side of the contact fairly. Home Stations are competing only with other Home Stations, and one that can work a far distant vhf field station deserves a reward that the other station who cannot work the DX, has to work hard to make up for.

Another regular request is to include a Multi Operator category for Home Stations. This is not supported, as this change would unnecessarily greatly increase the number of categories.

3. The issue of scoring for CW contacts.

The number of All Mode contacts was very 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 widely distributed among existing operators and a skill that should be nurtured among the newer licence holders.

The rules for 2012 were adjusted to allow doubling the score for a contact on CW. For HF this was simple. However, for VHF contacts where there is a significant score already for the distance involved it is planned to amend the rules for scoring VHF contacts.

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

The Modes allowed in the rules are VOICE (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 alternatives are either hand CW Mode, is one the operator simply turns the carrier on and off according to 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.

All Mode is any combination of the above modes.

5. Club Stations

Club Stations were generally well operated and made some very big scores as a result of their combined efforts. Well done!! The absence of a number of VK2 club Stations was noted.

The logging issue from last year was largely resolved.

6. Low Power Contest

A suggestion was made by a few stations that a QRP category could be allowed. The suggestion was that only a station that can be carried in a backpack should be allowed for the operation of the station. There was only two logs entered indicating that all operation was on low power. Both are acknowledged on their certificate.

It is interesting to note, the scores produced by some of the Foundation licences who submitted a log, does indicate that plenty of contacts were made on the restricted lower power permitted by their LCD.

7. 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 also 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 the recent trend of increased 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. These have been submitted to AR along with this report so please give Peter Freeman via e-mail at (editor@wia.org.au) anything else you have for later use for the magazine.

Denis Johnstone (VK4AE/VK3ZUX)
Contest Manager

Breakdown of Contacts by Call Area and Band

SHF/UHF/VHF BANDS

	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	2m P	2m C	6m P	6m C
VK1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	39 123	7 14	51 157	10 18	30 26	5 4
VK2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	586 383	36 27	2701 3344	167 205	4989 7518	303 456	1567 2865	124 176
VK3	0 60	0 2	0 60	0 2	35 60	4 2	742 350	48 33	2472 1994	201 201	6825 3825	633 408	12116 7077	1105 827	6492 3346	495 266
VK4	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	369 213	39 47	1818 523	225 124	3417 933	427 182	564 488	107 90
VK5	22 110	1 5	22 90	1 4	22 60	4 6	240 70	10 3	1392 353	57 50	2893 2166	144 313	4307 2267	210 332	786 273	44 59
VK6	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	69 157	25 31	274 322	76 83	0 30	0 12
VK7	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 2	0 1	0 0	0 0
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 6	0 3	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
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
2012 2011	22 184	1 12	22 154	1 8	57 284	8 22	982 474	58 41	4819 3193	333 319	14345 9511	1201 962	25154 17902	2131 1841	9439 6882	775 564

Numbers in Bold are for 2012 and other details are from 2011

Breakdown of Contacts by Call Area and Band

HF BANDS

	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	0 22	0 11	0 16	0 8	56 42	27 21	501 698	306 349	42 42	21 21	0 0	0 0
VK2	55 2	31 1	71 78	38 26	1494 938	771 456	6086 5905	3477 3080	1957 2563	1038 1308	24 0	12 0
VK3	12 37	8 19	12 34	8 18	1460 830	738 422	4099 4223	2098 2135	1904 1544	956 787	12 0	6 0
VK4	42 54	22 22	50 91	27 47	2553 2175	1097 1086	3879 3863	2144 2021	1622 1346	864 688	8 56	4 22
VK5	8 49	4 25	30 66	15 33	1300 882	665 453	2996 2228	1653 1183	690 490	471 256	0 65	0 33
VK6	2 2	1 1	2 82	1 41	638 1214	321 609	390 703	201 352	118 573	62 287	0 0	0 0
VK7	0 0	0 0	3 2	2 1	77 159	39 84	115 787	61 501	159 274	81 175	0 0	0 0
VK8	0 36	0 18	2 38	462 19	234 402	20 201	10 78	0 39	0 18	0 9	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
ZL	0 0	0 0	0 3	0 2	124 77	69 42	108 167	56 86	47 158	25 80	0 0	0 0
2012 2011	119 202	66 97	170 410	92 195	8164 6719	3961 3374	18194 18652	10006 9746	6739 7082	3518 3621	24 121	22 55

Numbers in Bold are for 2012 and other details are from 2011