

John Moyle Memorial Field Day 2015

24 Hour Portable Operation – Multiple Operator

Call Sign	Operators	Mode	Band	Score	Contacts	Place /Award
VK3ER	Multi	All	All	8,457	1,121	1 / /* / **
VK2WG	Multi	All	All	3,233	531	2 / *
VK3YVG	Multi	All	All	1,303	242	3 / *
VK4BAR	Multi	All	All	432	194	4 / *
VK4IZ	Multi	All	HF	700	331	1 / *
VK4CHB	Multi	All	HF	90	42	2 / *
VK3ANR	Multi	Phone	All	1,723	296	1 / *
VK2TG	Multi	Phone	All	949	391	2 / *
VK3CMZ	Multi	Phone	All	811	304	3 / *
VK6AHR	Multi	Phone	All	664	294	4 / *
VK6ARG	Multi	Phone	All	652	199	5 / *
VK6WI	Multi	Phone	All	443	210	6 / *
VK4WIT	Multi	Phone	All	351	136	7 / *
VK3KQ	Multi	Phone	VHF	3,677	285	1 / *
VK5WIA	Multi	Phone	HF	2,282	1,141	1 / *
VK4QD	Multi	Phone	HF	1,282	644	2 / *
VK1MT	Multi	Phone	HF	692	347	3 / *
VK3CNE	Multi	Phone	HF	592	296	4 / *
VK5KDK	Multi	Phone	HF	590	295	5 / *
VK2ACH	Multi	Phone	HF	530	265	6 / *
VK4WID	Multi	Phone	HF	480	240	7 / *
VK3ATL	Multi	Phone	HF	336	168	8 / *

- /* Certificate Awarded
- ** President's Cup
- /* Participation Certificate

Six Hour Portable Operation – Multiple Operator

Call Sign	Operators	Mode	Band	Score	Contacts	Place /Award
VK2BV	Multi	All	HF	342	177	1 /*
VK4GYM	Multi	All	HF	78	37	2 /*
VK5SR	Multi	Phone	All	896	187	1 /*
VK3BML	Multi	Phone	All	134	35	2 /*
VK6NAK	Multi	Phone	All	40	18	3 /*
VK3APC	Multi	Phone	VHF	380	43	1 /*
VK2SF	Multi	Phone	HF	576	288	1 /*
VK4BRC	Multi	Phone	HF	260	130	2 /*
VK2LE	Multi	Phone	HF	210	105	3 /*
VK2AOJ	Multi	Phone	HF	202	101	4 /*
VK2BOR	Multi	Phone	HF	180	90	5 /*
VK2EWC	Multi	Phone	HF	174	87	6 /*
VK3III	Multi	Phone	HF	32	16	7 /*

24 Hour Portable Operation – Single Operator

Call Sign	Operators	Mode	Band	Score	Contacts	Award
VK1DA	Single	All	All	3,636	224	1 /*
VK2IO	Single	All	All	147	62	2 /*
VK5KBJ	Single	Phone	All	1,510	232	1 /*
VK2FAAD	Single	Phone	All	1,158	100	2 /*
VK5OQ	Single	Phone	All	844	144	3 /*
VK3PCW	Single	Phone	All	541	203	4 /*
VK3MRG	Single	Phone	All	342	35	5 /*
VK6ZKO	Single	Phone	All	81	53	6 /*
VK3ND	Single	Phone	All	58	9	7 /*
VK5TE	Single	Phone	VHF	1,846	231	1 /*
VK5KK	Single	Phone	VHF	1,742	213	2 /*
VK2JUB	Single	Phone	VHF	1,617	101	3 /*
VK2NH	Single	Phone	VHF	325	20	4 /*
VK2BBQ	Single	Phone	HF	700	350	1 /*
VK5RN	Single	Phone	HF	624	312	2 /*
VK8GM	Single	Phone	HF	594	298	3 /*
VK7JGD	Single	Phone	HF	302	151	4 /*
VK5MH	Single	Phone	HF	206	103	5 /*
VK3ADD	Single	Phone	HF	106	53	6 /*
VK2AWJ	Single	Phone	HF	80	40	7 /*
VK4MON	Single	Phone	HF	64	32	8 /*
VK2BJT	Single	CW	HF	104	26	1 /*
VK1WJ	Single	CW	HF	88	23	2 /*
VK3IT	Single	CW	HF	36	11	3 /*

/* Certificate Awarded

/* Participation Certificate

Six Hour Portable Operation – Single Operator

Call Sign	Operators	Mode	Band	Score	Contacts	Award
VK3PI	Single	All	All	422	80	1 /*
VK3YE	Single	All	HF	212	99	1 /*
VK1AI	Single	All	HF	175	85	2 /*
VK5RX	Single	Phone	All	1,314	123	1 /*
VK4ADC	Single	Phone	All	298	117	2 /*
VK6ZN	Single	Phone	All	282	61	3 /*
VK2XIC	Single	Phone	All	36	8	4 /*
VK5ZT	Single	Phone	VHF	1,451	83	1 /*
VK3VMC	Single	Phone	VHF	313	24	2 /*
VK3FIX	Single	Phone	VHF	271	23	3 /*
VK3MQ	Single	Phone	VHF	112	12	4 /*
VK6FMLB	Single	Phone	VHF	50	11	5 /*
VK5PAS	Single	Phone	HF	476	238	1 /*
VK3YSP	Single	Phone	HF	444	222	2 /*
VK3VTH	Single	Phone	HF	284	142	3 /*
VK2GZ	Single	Phone	HF	216	108	4 /*
VK3FOWL	Single	Phone	HF	212	106	5 /*
VK2MT	Single	Phone	HF	202	101	6 /*
VK4FFAB	Single	Phone	HF	200	100	7 /*
VK5RR	Single	Phone	HF	178	89	8 /*
VK5FO	Single	Phone	HF	168	84	9 /*
VK2ZB	Single	Phone	HF	126	63	10 /*
VK3ANL	Single	Phone	HF	122	62	11 /*
VK5KLV	Single	Phone	HF	86	43	12 /*
ZL3VZ	Single	Phone	HF	80	40	13 /*
VK4JRO	Single	Phone	HF	72	36	14 /*
VK3FALA	Single	Phone	HF	66	33	15 /*
VK6LCK	Single	Phone	HF	62	31	16 /*
VK4GH	Single	Phone	HF	58	29	17 /*
VK5FJEN	Single	Phone	HF	54	27	18 /*
VK5KPR	Single	Phone	HF	42	21	19 /*
VK5ZAT	Single	Phone	HF	40	20	20 /*
VK6FVAX	Single	Phone	HF	8	4	21 /*
VK2ONZ	Single	CW	HF	64	16	1 /*
VK4JAZ	Single	CW	HF	12	3	2 /*

/* Certificate Awarded

/* Participation Certificate

Home Station – 24 Hour (Part 1)

Call Sign	Operators	Mode	Band	Score	Contacts	Award
VK3MEG	Home	All	All	454	231	1 /*
VK3MV	Home	All	All	54	20	2
VK3CG	Home	Phone	All	602	242	1 /*
VK5DT	Home	Phone	All	574	262	2 /*
VK3UX	Home	Phone	All	490	158	3
VK2ACD	Home	Phone	All	485	207	4
VK5DF	Home	Phone	All	437	216	5
VK4VDV	Home	Phone	All	388	200	6
VK2CZ	Home	Phone	All	374	187	7
VK5FDEC	Home	Phone	All	322	154	8 /\$
VK3AV	Home	Phone	All	298	134	9
VK3PH	Home	Phone	All	149	32	10
VK3FMHY	Home	Phone	All	145	68	11 /\$
VK3GC	Home	Phone	All	108	26	12
VK2ASY	Home	Phone	All	103	55	13
VK3NCC	Home	Phone	All	69	36	14
VK3TZ	Home	Phone	All	57	19	15
VK5DN	Home	Phone	All	55	35	16
VK2FCJZ	Home	Phone	All	53	30	17 /\$
VK1ATP	Home	Phone	All	50	37	18
VK6BDO	Home	Phone	All	46	16	19
VK6BMW	Home	Phone	All	27	13	20
VK6XL	Home	Phone	All	9	6	21
VK2IUW	Home	All	HF	565	308	1 /*
VK2NP	Home	All	HF	284	163	2
VK2KTT	Home	All	HF	101	60	3
VK3DIP	Home	Phone	VHF	657	76	1 /*
VK1KW	Home	Phone	VHF	632	96	2
VK2WDD	Home	Phone	VHF	436	58	3
VK2AGC	Home	Phone	VHF	394	47	4
VK3VL	Home	Phone	VHF	364	30	5
VK3WT	Home	Phone	VHF	266	55	6
VK3FCIM	Home	Phone	VHF	139	92	7 /\$
VK3PZ	Home	Phone	VHF	71	20	8
VK3FCEK	Home	Phone	VHF	80	15	9 /\$
VK3FHID	Home	Phone	VHF	20	5	10 /\$
VK5LJ	Home	CW	HF	112	28	1 /*

/* Certificate Awarded

/\$ Participation Certificate

Home Station – 24 Hour (Part 2)

Call Sign	Operators	Mode	Band	Score	Contacts	Award
VK3SIM	Home	Phone	HF	692	478	1 /*
VK4DMC	Home	Phone	HF	285	226	2 /*
VK2QN	Home	Phone	HF	249	160	3
VK5UV	Home	Phone	HF	211	128	4
VK4KY	Home	Phone	HF	187	121	5
VK2ZCM	Home	Phone	HF	167	114	6
VK4IAA	Home	Phone	HF	160	99	7
VK3OF	Home	Phone	HF	156	88	8
VK2VRD	Home	Phone	HF	153	89	9
VK2BO	Home	Phone	HF	132	80	10
VK5FD	Home	Phone	HF	117	70	11
VK4ATH	Home	Phone	HF	104	63	12
VK2UVP	Home	Phone	HF	101	61	13
VK3KR	Home	Phone	HF	94	53	14
VK2EJW	Home	Phone	HF	78	52	15
VK4FPDG	Home	Phone	HF	70	42	16 /*
VK2LEE	Home	Phone	HF	67	40	17
VK2VE	Home	Phone	HF	66	43	18
VK5NQP	Home	Phone	HF	65	36	19
VK2WJ	Home	Phone	HF	60	34	20
VK3WMM	Home	Phone	HF	50	30	21
VK7ZGK	Home	Phone	HF	39	24	22
VK4PQ	Home	Phone	HF	32	20	23
VK6YTS	Home	Phone	HF	24	14	24
VK6LO	Home	Phone	HF	15	8	25
VK2GHO	Home	Phone	HF	10	6	26
VK6TU	Home	Phone	HF	6	3	27

/* Certificate Awarded

/* Participation Certificate

Check Logs VK4TAW VK6QM

Home Station – 6 Hour

Call Sign	Operators	Mode	Band	Score	Contacts	Award
VK6KTV	Home	Phone	All	245	113	1 /*
VK5HP	Home	Phone	All	154	65	2
VK3OHM	Home	Phone	All	114	55	3
VK5DK	Home	Phone	VHF	217	15	1 /*
VK3SOT	Home	Phone	VHF	68	17	2
VK2PR	Home	Phone	HF	426	309	1 /*
VK3FQSO	Home	Phone	HF	132	80	2/\$
VK2HFS	Home	Phone	HF	84	60	3
VK2KDP	Home	Phone	HF	63	42	4
VK5YK	Home	Phone	HF	56	35	5
VK2MTK	Home	Phone	HF	50	30	6
VK1FIVE	Home	Phone	HF	39	24	7/\$
VK3ZAP	Home	Phone	HF	39	27	8
VK5AV	Home	Phone	HF	33	21	9
VK4MN	Home	Phone	HF	26	17	10
VK3FSWB	Home	Phone	HF	22	12	11/\$
VK2RH	Home	Phone	HF	19	10	12
VK8HPB	Home	Phone	HF	16	11	13
VK2AVR	Home	Phone	HF	10	5	14
VK6PA	Home	Phone	HF	10	6	15
VK2DCR	Home	Phone	HF	4	3	16
VK2AFA	Home	All	HF	216	112	1 /*
VK4SN	Home	All	HF	48	23	2
VK2PN	Home	CW	HF	8	2	1 /*
VK5BAR	Home	All	All	57	28	1 /*

/* Certificate Awarded

/\$ Participation Certificate

Comments on John Moyle Memorial National Field Day 2015

This year's entries came from every Australian mainland call areas with several from Tasmania but only one from New Zealand. The total number of eligible logs submitted was 184. This was a slight increase (2.8%) from the 179 logs received last year. Well done to all who took part and took the effort to submit a log. This year 6 YL's and XYL's entered a log– Well done! Many more were listed as taking part with a club station.

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. If your log is missing, it did not get it to me, despite my most careful procedures and cross checking.

Based upon submitted logs, there were some 21,405 contacts, (a 10.1% decrease from 2014) accumulating some 73,796 points claimed, (a 0.6% decrease from 2015). This was successful contesting for an Australian field day contest resulting from 184 logs being received. More than 1,230 Australian individual call signs were again logged during the contest.

Unfortunately, the numbers of stations who went to the considerable trouble of going out and setting up as a portable station and then not submitting a log as an entry, are still a disappointment. Some multiple operator stations got very big scores this perhaps 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
47GHz	32 (0)	8 (0)				
24 GHz	91 (0)	19 (0)				
10 GHz	640 (247)	66 (28)				
5.7 GHz	574 (232)	63 (13)				
3.4 GHz	1,100 (402)	103 (37)				
2.4 GHz	1,016 (430)	116 (36)				
23cm	4,066 (3,367)	399 (312)				
70 cm	9,412 (8,259)	957 (823)				
2m			19,170 (17,125)	1,787 (1,754)		
6m			4,907 (6,133)	529 (605)		
10m					132 (1,601)	72 (758)
15m					1,292 (1,373)	664 (696)
20m					7,154 (6,637)	3,760 (3,285)
40m					22,922 (24,433)	12,221 (13,386)
80m					1,217 (3,730)	627 (1,970)
160m					28 (194)	14 (96)
Total	16,931 (12,946)	1,731 (1,249)	24,077 (23,258)	2,316 (2,359)	32,788 (37,968)	17,358 (20,191)

Table should be read – **2015 results in bold** (with (2014 results) in brackets)

Activity was carried out on all bands permitted under the rules. There was a slight decrease in activity on HF, and there was less activity on the higher HF frequencies as would be expected by the decreasing sunspot cycle. This sunspot cycle is starting to decrease from top at the moment and conditions on some bands did not appear to change much. Activity on 40m showed little change. The other lower bands seemed to be wiped out by the heavy QRM and general lack of activity.

In the higher UHF and Microwave bands there was an increase in activity; since it obviously follows a weather cycle, rather than the solar cycle? The weather in VK/3/5/6 was very good, so plenty of increased activity and with very wet conditions with some severe thunder storms in VK2/4 so activity there was greatly reduced.

The scoring in the VHF range was about the same as for last year. Though the scoring as a ratio of contacts per station is substantially lower than for 2014. The absence of many club stations, because of the miserable weather in some parts of VK certainly reduced activity, with many portable stations making such comments.

The other major change noticed this year was the increase in both Portable and Home Station operation as seen by the submitted logs. Clearly the new rule requiring all stations who contacted any station who contacted any station more than 5 times, should submit a log has made a positive impact. There were however reports of stations, who when contacted later by a portable station, simply refusing the contact for then they would have to submit a log. This type of activity was most unsporting and not in line with the spirit of the contest. This activity appeared to make a very significant decrease in the number of contacts made and points earned per station. This was the real downside of the 5 contact rule.

The '5 Contact Rule' was devised to facilitate the checking and verifying of submitted logs. It was not devised to irritate and anger people who chose, for what ever reason, not to submit a log, but it was designed to encourage those who in the past did not see the need to submit their log – 'as they were not going to win anything'. Submitting their log is really is to help others as well as themselves.

The participation across the various call areas was patchy. There was an increase in Portable stations in most areas with only VK1 & VK4 showing a decrease. Home Station logs were greatly increased from last year in most call areas with the exception of VK4.

Call Area	Portable		Home		Total	
	2015	2014	2015	2014	2015	2014
VK1	4	5	3	1	7	6
VK2	21	21	28	24	49	45
VK3	25	21	26	24	51	45
VK4	14	16	9	17	23	32
VK5	18	15	13	14	31	30
VK6	9	8	8	9	17	17
VK7	1	0	2	1	3	1
VK8	1	0	0	1	1	1
P2	0	0	0	0	0	0
ZL	1	2	1	0	2	2
Tot	94	88	90	91	184	179
	2015	2014	2015	2014	2015	2014

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.

There were Seventeen Foundation Licensed operators who submitted a log. (Two from VK2, Eight from VK3, Two were from VK4, Two from VK5 and Two from VK6.) There were many more foundation call stations operating than these, who were logged during the contest, but they chose not to submit a log. All logs submitted by foundation operators were awarded a certificate. Logs from club stations did also show that a few 'F' Calls that also took part as part of the club station effort, well done.

Comparison between 2014 and Earlier Years

Year	Logs	Contacts	Points
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 EXCEL is the preferred submission format. A sample linked EXCEL logging report was prepared and was available on the WIA Contest website. (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, or *.TXT output file from VKCL (VK Contest Log). **PDF format is not acceptable as are JPG and TIFF.**

The logs submitted in an electronic form this year, were usually fully readable, but a few stations had to resubmit their log in an acceptable format. I thank them for their cooperation.

There were still only 97% of logs submitted electronically this year, again 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 file 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 can 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, for the data can then be 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 32 of the different categories were contested.

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	Phone	CW	Digital	All	HF	VHF	All
Home	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 correctly comparable. To reduce 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 again it was awarded to VK3ER.

2. The number of logs submitted to the contest is again up on previous years

The number of logs entered in this year's contest is significantly increased compared to the last few years of the contest. The number individual stations taking part in the contest and the number of their contacts seems about the same as for last few years, it is just that the number of logs submitted in 2013 was well down compared to 2012 and this reversed the trend seen over the last 10 years where the number of stations has continued to steadily rise. This drop has been reversed by the introduction of the 5 Contact rule. This has also greatly increased the percentage of verified contacts during the contest, making the contest manager's task a little easier.

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.

The rules were adjusted in the past 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, the rules were amended for scoring VHF contacts on CW.

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 qualify as true CW.

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 many other 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 CW by a computer is not acceptable.

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

The absence of a significant number of some 15 to 20 club Stations was noted for this year. Some of the missing clubs had their club call sign used and probably achieved significant scores, but the club chose not take the time to submit a log. This is a sad reflection upon the efforts made by some, not being fully supported by other members of their club.

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 five logs entered indicating that all operation was on low power. They are acknowledged on their certificate. It is still not thought to be necessary to create another category just yet (see above) but interest is still growing and may soon require a rule change.

It is interesting to note, the scores produced by some of the Foundation licences that 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 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 this year's 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, JMMFD 2015

Breakdown of Contacts by Call Area and Band

SHF/UHF/VHF BANDS

	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	2m P	2m 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	547 48	38 3	1042 147	72 8	2120 458	124 25
VK2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 132	0 16	1753 2124	123 152	3823 5338	273 568
VK3	0 0	0 0	7 0	1 0	171 0	21 0	137 0	19 0	161 0	23 0	344 94	45 7	1983 1473	178 119	4320 2713	473 289	9177 5617	874 560
VK4	0 0	0 0	0 0	0 0	0 57	0 6	0 0	0 0	0 51	0 8	0 79	0 7	0 1079	0 124	41 2096	8 223	310 3705	45 379
VK5	32 0	8 0	84 0	18 0	469 190	45 22	437 232	44 13	939 351	80 29	672 351	71 29	1536 630	183 48	2045 1075	242 136	2990 1711	356 170
VK6	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 14	2 2	209 104	39 15	745 296	115 52
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 0	0 0	0 0	0 0	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 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
2014	32 0	8 0	91 0	19 0	640 247	66 28	574 232	63 13	1100 402	103 37	1016 430	116 36	4066 3376	399 312	9412 8259	957 823	19170 17125	1787 1754

Numbers in Bold are for 2015 and other details are from 2014

Breakdown of Contacts by Call Area and Band

HF BANDS

	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	469 180	50 11	8 60	4 29	2 4	1 2	91 136	35 61	997 1659	497 854	34 2	15 1	0 0	0 0
VK2	1149 2361	89 251	20 682	12 340	240 100	121 45	1662 1346	863 657	7077 8720	3840 4942	145 1042	70 562	12 79	6 38
VK3	2499 2054	297 167	14 18	8 9	52 64	31 34	906 584	485 318	6065 5747	3286 3167	516 441	278 225	0 24	0 12
VK4	37 1078	8 132	44 733	23 330	305 576	157 280	1719 2561	925 1199	3088 4807	1647 2616	133 1390	69 718	0 73	0 37
VK5	733 396	80 33	29 28	15 9	378 203	192 100	1475 1399	777 725	4667 2567	2432 1376	263 436	131 243	10 18	5 9
VK6	20 84	5 11	17 77	10 39	177 386	91 212	916 487	472 248	508 737	256 426	72 151	37 76	0 0	0 0
VK7	0 0	0 0	0 0	0 0	0 0	3 0	113 0	65 0	278 22	142 13	22 6	11 4	0 0	0 0
VK8	0 0	0 0	3 2	0 14	136 70	70 10	258 50	131 46	186 28	93 40	24 27	12 6	6 0	3 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
ZL	0 0	0 0	0 0	2 20	1 10	14 54	7 27	56 128	28 64	8 222	4 111	0 0	0 0	0 0
2015 2014	4907 6133	529s 605	132 1601	72 758	1292 1373	664 696	7154 6637	3760 3285	22922 24433	12221 13386	1217 3730	627 1970	28 194	14 96

Numbers in Bold are for 2015 and other details are from 2014