



**Wireless Institute of Australia**

## **ROSS HULL MEMORIAL VHF-UHF CONTEST 2016**

Contest manager: John Martin VK3KM

The next Ross Hull Contest will run through the month of January 2016. Logs will be due by Monday, February 15.

If you participate in the Summer VHF-UHF Field Day, remember that you can count Field Day contacts (one per station per band per day) in your Ross Hull Contest log. There is no need to exchange separate serial numbers for the two contests.

### **The Contest**

The WIA maintains a perpetual trophy in honour of the late Ross A. Hull and his pioneering achievements in VHF and UHF operation. The contest is open to all amateurs. Certificates are awarded to all entrants, including certificates for the top scoring amateurs in each licence class.

### **Duration**

0000 UTC January 1, 2016 to 2400 UTC January 31, 2016.

In Eastern Summer Time, that is 11 a.m. on January 1 to 11 a.m. on February 1.

### **Sections**

- A: Best 7 days, analog modes.
- B: Best 7 days, digital modes.
- C: Best 2 days, analog modes.
- D: Best 2 days, digital modes.

Digital modes are defined as those in which the decoding of the received signal is done by a computer. Entrants may submit logs for more than one section.

### **General Rules**

One callsign and one operator per station. Stations may operate from any location. You may claim one contact per station per band per UTC day. Repeater, satellite, EME and crossband contacts are not permitted. Split frequency operation is allowed, for example on 50/52 MHz. Calling frequencies should be kept as clear as possible so as not to interfere with other stations making or listening for calls. If contact is established on a recognised DX calling frequency (i.e. 50.110, 144.100 etc), stations should QSX up to .150 or higher to make the contest exchange. All rulings of the contest manager will be accepted as final.

### **Contest Exchange**

For Section A or C, Entrants must exchange RS (or RST) reports plus a serial number. Serial numbers need not be consecutive. *NOTE: For propagation modes such as meteor scatter or short-lived sporadic E openings, it is sufficient to exchange callsigns plus two further digits that cannot be predicted by the other station.*

For Section B or D, exchange callsigns plus two further digits that cannot be predicted by the other station.

While not an essential part of the contest exchange, Maidenhead locators may also be exchanged as an aid to distance calculations.

### **Logs**

Logs must contain the following for each contact:

- Date and UTC time.
- Frequency and callsign of station worked.
- Reports and serial numbers sent and received.
- Approximate location or grid locator of station worked.

Separate scoring columns for each band would be helpful.

### **Scoring**

Scoring will be based on the best 7 UTC days nominated by the entrant.

For each contact, score 1 point per 100 km or part thereof (i.e. up to 99 km: 1 point, 100 – 199 km: 2 points, etc.)

Multiply the total by the band multiplier as follows:

6 m	2 m	70 cm	23 cm	Higher bands
x 2	x 3	x 5	x 8	x 10

Then total the scores for all bands.

## Cover Sheet

Logs must be supplied with a cover sheet containing:

- Operator's callsign, name and address.
- Station location (if different from the postal address).
- Section(s) entered.
- A scoring table set out as the example below.
- A signed declaration that the station has been operated in accordance with the rules and spirit of the contest, and that the contest manager's ruling will be accepted as final.

Please use the following format for your scoring table. If you wish you can cross-check by adding the daily totals across the table, but please make sure that you include the separate band totals.

Date	6 m		2 m		70 cm	23 cm		etc	
	----		----		----	----		----	----
Day 1	xxx		xxx		xxx	xxx		xxx	xxx
Day 2	xxx		xxx		xxx	xxx		xxx	xxx
	----		----		----	----		----	----
<b>2 Day Subtotals</b>	xxx	+	xxx	+	xxx	+	xxx	+	xxx = xxxx (2 DAY SUBTOTAL)
Day 3	xxx		xxx		xxx	xxx		xxx	xxx
Day 4	xxx		xxx		xxx	xxx		xxx	xxx
etc.									
	----		----		----	----		----	----
<b>7 Day Totals</b>	xxx	+	xxx	+	xxx	+	xxx	+	xxx = xxxx (7 DAY TOTAL)

A cover sheet and scoring table is included in the postings on the WIA web site. Copies can also be obtained from the e-mail address given below.

## Penalties

Minor errors may be corrected and the score adjusted. Repeated use of recognised DX calling frequencies (especially when the reports indicate strong signals) may lead to disqualification. Inclusion of any false log entries will lead to disqualification.

## Entries

Paper logs may be posted to the Manager, Ross Hull Contest, PO Box 2042, Bayswater Vic 3153. Electronic logs can be e-mailed to [rosshull@wia.org.au](mailto:rosshull@wia.org.au). Acceptable log formats include: ASCII text, RTF, DOC, DOCX, XLS, MDB, PDF, or any Open Document format.

Logs must be received by **February 15, 2016**. Early logs would be appreciated.

## Note on Calculating Distances

Absolute accuracy is not required. You just need to know whether each station is above or below the nearest multiple of 100 km, so you can use a compass to draw 100 km circles around your location on a map. Alternatively, you can use contest logging software that can calculate distances. If so, you will need to exchange 6 digit Maidenhead locators to get an accurate distance measurement. You can also calculate distances from six-digit Maidenhead locators using a computer program that is available on the Ross Hull Contest page of the WIA web site.

**Contest web page:** <http://www.wia.org.au/members/contests/rosshull/>



Wireless Institute of Australia

# ROSS HULL MEMORIAL VHF-UHF CONTEST 2016: RESULTS

Contest manager: John Martin VK3KM

Congratulations to the top scorers: Brian Farrar VK2AH (overall winner); Rex Moncur VK7MO, Gavin Brain VK3HY, and top scoring Foundation class entrant Jason Dickens VK2FLJD

Call	Name	50 MHz	144 MHz	432 MHz	1296 MHz	2.4 GHz	3.4 GHz	5.7 GHz	10 GHz	24 GHz	47 GHz	TOTAL
<b>Section A: Analog modes, best 7 days</b>												
VK2AH	Brian Farrar	1686	231	150	-	-	-	-	-	-	-	2067
VK2BLS	Darrell Harman	1642	156	145	112	-	-	-	-	-	-	2055
VK2ARA	Ted Thrift	1312	165	160	96	-	-	-	-	-	-	1733
VK7MO	Rex Moncur	-	126	715	600	-	-	-	-	-	-	1561
VK3ECH	Rob George	208	336	345	176	-	-	-	-	-	-	1065
VK6ADI	Barrie Burns	782	27	-	-	-	-	-	-	-	-	809
VK5DF	Daniel Flakelar	98	153	205	248	50	50	-	-	-	-	804
VK2YW	John Eyles	158	228	175	-	-	-	-	-	-	-	561
VK2XIC	Rob Heyer	170	57	90	72	-	-	-	-	-	-	389
VK2FLJD	Jason Dickens	-	177	165	-	-	-	-	-	-	-	342
VK2IUW	Hilary Bridel	188	60	35	-	-	-	-	-	-	-	283
VK2FIAC	Boyang Yan	-	6	-	-	-	-	-	-	-	-	6
<b>Section C: Analog modes, best 2 days</b>												
VK7MO	Rex Moncur	-	6	715	368	-	-	-	-	-	-	1209
VK3ECH	Rob George	208	336	345	176	-	-	-	-	-	-	1065
VK2AH	Brian Farrar	646	153	40	-	-	-	-	-	-	-	839
VK5DF	Daniel Flakelar	98	153	205	248	50	50	-	-	-	-	804
VK2BLS	Darrell Harman	636	33	45	32	-	-	-	-	-	-	746
VK2ARA	Ted Thrift	532	30	50	32	-	-	-	-	-	-	644
VK6ADI	Barrie Burns	492	9	-	-	-	-	-	-	-	-	501
VK2YW	John Eyles	90	135	110	-	-	-	-	-	-	-	335
VK2XIC	Rob Heyer	152	30	45	32	-	-	-	-	-	-	259
VK2IUW	Hilary Bridel	168	51	35	-	-	-	-	-	-	-	254
VK2FLJD	Jason Dickens	-	102	40	-	-	-	-	-	-	-	142
VK2FIAC	Boyang Yan	-	6	-	-	-	-	-	-	-	-	6
<b>Section B: Digital modes, best 7 days</b>												
VK3HY	Gavin Brain	492	996	-	-	-	-	-	-	-	-	1488
VK7MO	Rex Moncur	-	1011	140	48	-	-	-	280	-	-	1479
VK2IUW	Hilary Bridel	306	-	-	-	-	-	-	-	-	-	306
<b>Section D: Digital modes, best 2 days</b>												
VK7MO	Rex Moncur	-	237	140	-	-	-	-	280	-	-	657
VK3HY	Gavin Brain	168	351	-	-	-	-	-	-	-	-	519
VK2IUW	Hilary Bridel	178	-	-	-	-	-	-	-	-	-	178

It is pleasing to be able to report increased activity this year, especially in VK2. But - still vast room for improvement!

One feature of the results is that the scores for 6 metres are much higher than those for any other band. The present 6 metre scoring formula was adopted in 2010, when operating conditions were poor. But now, the 6 metre scores are outweighing the scores on all other bands combined. This is a disincentive for contest activity on 2 metres and higher bands. So it is time to swing back to the kind of scoring formula that applied up to 2009. Under this formula, the normal 1 point per 100 km still applied for contacts up to 1000 km. But for contacts above 1000 km, which are predominantly sporadic E or F2 contacts, scoring limits applied. This made the scoring potential of 6 metres far more equal to that of other bands. Details of what is proposed for 2017 are in the 2017 draft rules on the contest web page.

**Contest web page:** <http://www.wia.org.au/members/contests/rosshull/>

# WIA ROSS HULL MEMORIAL VHF-UHF CONTEST

**Section entered:**

	<b>A</b>	Best 7 days, analog modes
	<b>B</b>	Best 7 days, digital modes
	<b>C</b>	Best 2 days, analog modes
	<b>D</b>	Best 2 days, digital modes

*If entering both the analog and digital sections, please make out separate scoring sheets for each.*

**Declaration:**

The station was operated in accordance with the rules of the contest and in the spirit of fair and friendly competition. I agree to accept the Contest Manager's decision as final.

**Signature:** \_\_\_\_\_

<b>Contest date</b>	
<b>Callsign</b>	
<b>Name</b>	
<b>Station location</b>	
<b>Postal address for notification of results</b>	
<b>Postcode</b>	

## SCORING TABLE

Best Days	Date	50 MHz	144 MHz	432 MHz	1296 MHz	2.4 GHz	3.4 GHz	5.7 GHz	10 GHz	24 GHz	47 GHz	Higher bands	<b>Day Totals</b>
1													
2													
<b>Band totals - best 2 days</b>													
3													
4													
5													
6													
7													
<b>Band totals - best 7 days</b>													

▲  
Total points claimed

**COMMENTS OR SUGGESTIONS:**