



Wireless Institute of Australia

ROSS HULL MEMORIAL VHF-UHF CONTEST 2013

Contest manager: John Martin VK3KM

The next Ross Hull Contest will run through the month of January 2013. Logs will be due by Friday, February 15.

There has been one minor change in the rules. For some years the scoring has been based on the best seven days as nominated by the entrant, so it isn't necessary to operate throughout the entire contest period. This year the "Best Two Days" section has been reintroduced. So if your operating time is limited, you may choose to enter only the two day section.

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, so the Field Day can supply two of your Ross Hull Contest days. 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 name of each year's contest winner is engraved on the trophy, and other awards may be made in the various divisions of the contest. The contest is open to all amateurs.

Duration

0000 UTC January 1, 2013 to 2400 UTC January 31, 2013.

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 and crossband contacts are not permitted.

Except for CW, no contest operation is allowed below 50.150 MHz. Recognised DX calling frequencies must not be used for contest activity. Suggested procedure for SSB stations is to call on .150 on each band, and QSY up 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					
Day 2	xxx	xxx	xxx	xxx	xxx					
	----	----	----	----	----					
2 Day Subtotals	xxx	+	xxx	+	xxx	+	xxx	+	xxx	= xxxx (2 DAY SUBTOTAL)
Day 3	xxx		xxx		xxx		xxx		xxx	
Day 4	xxx		xxx		xxx		xxx		xxx	
etc.										
	----		----		----		----		----	
7 Day Totals	xxx	+	xxx	+	xxx	+	xxx	+	xxx	= xxxxx (7 DAY TOTAL)

A cover sheet and scoring table has been 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. Acceptable log formats include: ASCII text, RTF, DOC, DOCX, XLS, MDB, PDF, or any Open Document format.

Logs must be received by **February 15, 2013**. 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.

WIA ROSS HULL MEMORIAL VHF-UHF CONTEST

Section entered:

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

Contest date	
Callsign	
Name	
Station location	
Postal address for notification of results	
Postcode	

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	Day Totals
1													
2													
Band totals - best 2 days													
3													
4													
5													
6													
7													
Band totals - best 7 days													

▲
Total points claimed

COMMENTS OR SUGGESTIONS:



Wireless Institute of Australia

ROSS HULL MEMORIAL VHF-UHF CONTEST 2013: RESULTS

Contest manager: John Martin VK3KM

The reintroduction of the 2 day section resulted in an increase in the number of logs - but a smaller increase in the number of entrants sending them in. There was some good DX to be had in January, but most of it was in the first few days of the month.

First place this year went to Phil Moat, VK4CDI, with an EME log. Second and third places went offshore, to Stephen Hayman ZL1TPH and Bob McQuarrie ZL3TY. Congratulations to all entrants.

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
Section A: Best 7 days, analog modes												
VK4CDI	Phil Moat	-	-	-	3720	-	1560	-	-	-	-	5280
ZL1TPH	Stephen Hayman	-	3552	765	480	-	-	-	-	-	-	4797
ZL3TY	Bob McQuarrie	-	2960	950	-	-	-	-	-	-	-	3910
VK2AH	Brian Farrar	844	609	75	-	-	-	-	-	-	-	1528
VK2ARA	Ted Thrift	666	429	195	8	-	-	-	-	-	-	1298
VK3YFL	Bryon Dunkley-Smith	24	114	140	152	-	-	-	80	-	-	510
VK2YW	John Eyles	174	258	-	-	-	-	-	-	-	-	432
VK2FLJD	Jason Dickens	-	90	130	-	-	-	-	-	-	-	220
VK2BLS	Darrell Harman	50	63	105	-	-	-	-	-	-	-	218
VK6ADI	Barrie Burns	36	48	5	-	-	-	-	-	-	-	89

Section B: Best 7 days, digital modes

VK4CDI	Phil Moat	-	474	5405	4384	-	-	-	-	-	-	10263
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Section C: Best 2 days, analog modes

VK4CDI	Phil Moat	-	-	-	2496	-	1560	-	-	-	-	4056
VK2AH	Brian Farrar	510	216	20	-	-	-	-	-	-	-	746
VK4ADC	Doug Hunter	336	72	65	112	30	30	10	10	-	-	665
VK2ARA	Ted Thrift	346	81	130	-	-	-	-	-	-	-	557
VK2YW	John Eyles	78	144	-	-	-	-	-	-	-	-	222
VK2BLS	Darrell Harman	30	63	105	-	-	-	-	-	-	-	78
VK2FLJD	Jason Dickens	-	33	45	-	-	-	-	-	-	-	78

Section D: Best 2 days, digital modes

VK4CDI	Phil Moat	-	-	1510	3784	-	-	-	-	-	-	5294
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The 2014 Contest

I am proposing two rule changes for the next contest. One is to add this clarification to the general rules:

"Split frequency operation is allowed, for example on 50/52 MHz." This is especially worth remembering because it can be a handy idea for Advanced licensees to transmit on 50 MHz and listen for Standard stations on a frequency exactly 2 MHz higher.

The second change is a rewording of the rules related to operation on calling frequencies:

"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 QSY up to .150 or higher to make the contest exchange."

Prolonged contest activity or contest-related chatting will still incur scoring penalties.

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