



Wireless Institute of Australia

ROSS HULL MEMORIAL VHF-UHF CONTEST 2014

Contest manager: John Martin VK3KM

The next Ross Hull Contest will run through the month of January 2014. Logs will be due by Friday, February 14.

Please note that there has been some rewording of the general rules, to make their intention clearer. There has also been one significant rule change. After last year's contest, there was some debate about the place of EME contacts. One particular theme emerged: The contest has always been conceived as a "tropo contest" in honour of the late Ross A. Hull and his discovery of tropospheric propagation. There is a view that by allowing EME contacts, the contest moves away from its roots and can discourage amateurs who do not have EME capable stations. So, this time round, the rules will specifically exclude EME contacts.

Final note: 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, 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 QSY 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					
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 14, 2014**. 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/>

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 2014: RESULTS

Contest manager: John Martin VK3KM

Results Summary

Overall winner (first place in Section A): Ted Thrift, VK2ARA
 Top scorer, two-day Analog Modes section: Andrew Davis, VK1DA
 Top scorer, Digital Modes sections: Rex Moncur, VK7MO

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												
VK2ARA	Ted Thrift	326	1206	675	56	-	-	-	-	-	-	2263
VK2AH	Brian Farrar	370	1065	750	-	-	-	-	-	-	-	2185
VK2BLS	Darrell Harman	410	549	160	71	-	-	-	-	-	-	1191
VK1DA	Andrew Davis	53	549	425	144	-	-	-	-	-	-	1171
VK4KLC	Ron Melton	614	108	95	144	-	-	-	-	-	-	961
VK2FLJD	Jason Dickens	-	336	295	-	-	-	-	-	-	-	631
VK2XIC	Rob Heyer	32	57	85	80	-	-	-	-	-	-	254
VK6ADI	Barrie Burns	36	117	-	-	-	-	-	-	-	-	153
Section B: Best 7 days, digital modes												
VK7MO	Rex Moncur	-	150	120	-	-	-	-	490	40	-	800
VK1WJ	Waldis Jirgens	-	348	-	-	-	-	-	-	-	-	348
Section C: Best 2 days, analog modes												
VK1DA	Andrew Davis	53	531	425	144	-	-	-	-	-	-	1153
VK4KLC	Ron Melton	614	108	95	144	-	-	-	-	-	-	961
VK2ARA	Ted Thrift	16	600	260	24	-	-	-	-	-	-	900
VK2AH	Brian Farrar	310	528	340	-	-	-	-	-	-	-	878
VK3YFL	Bryon Dunkley-Smith	168	132	140	160	-	-	-	120	-	-	720
VK2BLS	Darrell Harman	12	405	45	24	-	-	-	-	-	-	486
VK4ADC	Doug Hunter	100	96	95	104	-	10	-	10	-	-	415
VK2FLJD	Jason Dickens	-	114	140	-	-	-	-	-	-	-	254
VK3AUQ	Kevin Phillips	64	72	65	-	-	-	-	-	-	-	201
VK4JAM	Andrew Mason	14	36	30	48	-	-	-	-	-	-	128
VK2XIC	Rob Heyer	16	30	50	32	-	-	-	-	-	-	128
VK5MPJ	Patrick Morgan	-	27	35	-	-	-	-	-	-	-	62
VK3FEZZ	John Witte	-	27	20	-	-	-	-	-	-	-	47
VK2BBQ	Ken Rayner	-	21	25	-	-	-	-	-	-	-	46
VK2FREE	Leah Heggie	-	33	5	-	-	-	-	-	-	-	38
Section D: Best 2 days, digital modes												
VK7MO	Rex Moncur	-	150	120	-	-	-	-	120	-	-	390
VK6IR	Steve Chamberlain	316	-	-	-	-	-	-	-	-	-	316
VK1WJ	Waldis Jirgens	-	165	-	-	-	-	-	-	-	-	165

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