



Wireless Institute of Australia
**60th Annual
ROSS HULL MEMORIAL
VHF-UHF CONTEST 2010**

John Martin (VK3KM), contest manager

The next Ross Hull Contest will run through the month of January 2010. Logs will be due by Monday, February 15.

Last year's experiment with a locator based scoring system resulted in a number of comments and a clear indication that there should be a return to distance based scoring. It was also suggested that the scoring restrictions for 6 metres should be dropped, at least while we are still in the low part of the solar cycle.

So this year the scoring system returns to the pre-2009 pattern. The band multipliers remain unchanged, except that the multiplier for 6 metres has been increased.

The scoring will be based on the best seven UTC days nominated by the entrant. The length of the contest period should allow everyone to find enough free time to spend in the shack. Entrants can take advantage of band openings during the contest period, while still being able to take time off for other activities or commitments.

In past years some entrants have felt that it is necessary for them to operate on every contest day, otherwise how will they know whether each day could have been one of the best seven? The answer is that there is no need to punish yourself! There will be two good contest days on January 16 and 17, the weekend of the Summer VHF-UHF Field Day. And any day when there is opening will be an obvious candidate to be one of the best seven. So, the technique is to just operate as you normally would, but with a better than usual effort on days that are shaping up well. If you are unable to operate on as many as seven days, give it a try regardless. It could well turn out that your best five days could beat someone else's best seven.

The Contest

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Duration

0000 UTC January 1, 2010 to 2400 UTC January 31, 2010.

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

Sections

A: All bands, non-digital modes.

B: All bands, 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 one or both sections.

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. No contest activity is permitted below 50.150 MHz. Recognised DX calling frequencies should be avoided where possible for contest activity. Suggested procedure 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, Entrants must exchange RS (or RST) reports plus a serial number. Serial numbers need not be consecutive. *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, 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
etc.					
	----	----	----	----	----
Total	xxx +	xxx +	xxx +	xxx +	xxx = xxx (GRAND 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, 3 Vernal Avenue, Mitcham, Vic 3132. Electronic logs can be e-mailed to vhf-contests@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, 2010. 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. A more accurate method is to use six-digit Maidenhead locators and a computer program that can be obtained from the WIA web site.



Wireless Institute of Australia

ROSS HULL MEMORIAL VHF-UHF CONTEST 2010: RESULTS

Contest manager: John Martin VK3KM

Activity in this year's contest was again far less than hoped for. After the 2009 test run of a scoring system based on Maidenhead locators, the comments received indicated that the scoring system should revert to the traditional distance-based scoring, so as to allow the scores to fully reflect achievement in making DX contacts. The change was made for this year's contest, but unfortunately it did not lead to increased activity.

The other change made this year was to relax the scoring restrictions on 6 metres, by doubling the band multiplier and removing the scoring cap on sporadic E contacts. This brought about some increase in 6 metre activity, but it did not flow through and stimulate more activity on the higher bands. The aim of the scoring system has been to keep the scoring potential of all bands approximately equal, but at present they are quite unequal. The 6 metre scoring will be reviewed, especially as the solar cycle develops, but the most desirable fix for the scoring inequality would be an upsurge of contest activity on 2 metres and higher bands.

How to achieve this is still not clear. It is not difficult – one whole month in which to make DX contacts, but the scoring is based on up to seven contest days. Many entrants have achieved excellent scores while operating for less than seven days.

Congratulations to this year's winners, Ted Thrift VK2ARA and Rex Moncur VK7MO. Also noteworthy is Gavin Brain VK3HY for achieving the top score on 432 MHz, and Stephen Hayman ZL1TPH for making the top scores on 144 and 1296 MHz.

ROSS HULL CONTEST 2010						
Call	Name	50 MHz	144 MHz	432 MHz	1296 MHz	TOTAL
Section A: All Bands						
VK2ARA	Ted Thrift	2638	108	85	-	2831
VK3HY	Gavin Brain	472	183	220	152	1027
VK2AH	Brian Farrar	796	126	65	-	987
ZL1TPH	Stephen Hayman	-	300	-	208	508
VK2TG	Robert Demkiw	254	147	85	-	486
VK6ADI	Barrie Burns	289	129	-	-	418
VK5FMPJ	Patrick Morgan	-	6	-	-	6
Section B: Digital modes, All Bands						
VK7MO	Rex Moncur	-	530	-	-	530
VK5APN	Wayne Pearson	-	525	-	-	525
VK3HY	Gavin Brain	-	432	-	-	432
VK1WJ	Waldis Jirgens	-	165	-	-	165

ROSS HULL CONTEST – LIST OF WINNERS 1950 – 2010

1950 - 1951	VK5QR	R. Galle	1980 - 1981	VK6KZ	W. J. Howse
1951 - 1952	VK5BC	H. Lloyd	1981 - 1982	VK6KZ	W. J. Howse
1952 - 1953	VK4KK	A. K. Bradford	1982 - 1983	VK6KZ	W. J. Howse
1953 - 1954	VK6BO	R. J. Everingham	1983 - 1984	VK6KZ	W. J. Howse
1954 - 1955	VK4NG	R. Greenwood	1984 - 1985	VK3ZBJ	G. L. C. Jenkins
1955 - 1956	VK3GM	G. McCullough	1985 - 1986	VK3ZBJ	G. L. C. Jenkins
1956 - 1957	VK3ALZ	I. F. Berwick	1986 - 1987	VK3ZBJ	G. L. C. Jenkins
1957 - 1958	VK3ALZ	I. F. Berwick	1987 - 1988	VK5NC	T. D. Niven
1958 - 1959	VK3ALZ	I. F. Berwick	1988 - 1989	VK5NC	T. D. Niven
1959 - 1960	VK4ZAX	D. R. Horgan	1989 - 1990	VK3XRS	R. K. W. Steedman
1960 - 1961	VK3ARZ	W. Roper	1990 - 1991	VK3XRS	R. K. W. Steedman
1961 - 1962	VK5ZDR	M. J. McMahan	1991 - 1992	VK3XRS	R. K. W. Steedman
1962 - 1963	VK4ZAX	D. R. Horgan	1992 - 1993	VK3XRS	R. K. W. Steedman
1963 - 1964	VK5ZDR	M. J. McMahan	1993 - 1994	VK3XRS	R. K. W. Steedman
1964 - 1965	VK3ZER	R. W. Wilkinson	1994 - 1995	VK3XRS	R. K. W. Steedman
1965 - 1966	VK3ZDM	J. R. Beames	1995 - 1996	VK2FZ/4	A. Pollock
1966 - 1967	VK5HP	J. H. Lehmann	1996 - 1997	VK2FZ/4	A. Pollock
1967 - 1968	VK3ZER	R. W. Wilkinson	1997 - 1998	VK2FZ/4	A. Pollock
1968 - 1969	VK5ZKR	C. M. Hutchesson	1998 - 1999	VK3XPD	A. P. Devlin
1969 - 1970	VK3ZER	R. W. Wilkinson	1999 - 2000	VK3EK	R. G. Ashlin
1970 - 1971	VK4ZFB	E. F. Blanch	2000 - 2001	VK4TZL	G. R. McNeil
1971 - 1972	VK5SU	J. W. K. Adams	2001 - 2002	VK4TZL	G. R. McNeil
1972 - 1973	VK5SU	J. W. K. Adams	2002 - 2003	VK3EK	R. G. Ashlin
1973 - 1974	VK5SU	J. W. K. Adams	2003 - 2004	VK3EK	R. G. Ashlin
1974 - 1975	VK5SU	J. W. K. Adams	2004 - 2005	VK3UH	L. Mostert
1975 - 1976	VK5SU	J. W. K. Adams	2005 - 2006	VK4TZL	G. R. McNeil
1976 - 1977	VK4DO	H. L. Hobler	2006 - 2007	VK3KAI	P. L. Freeman
1977 - 1978	VK3OT	S. R. Gregory	2007 - 2008	VK1DA	A. Davis
1978 - 1979	VK4DO	H. L. Hobler	2009	VK3EK	R. G. Ashlin
1979 - 1980	VK3ATN	T. R. Naughton	2010	VK2ARA	E. Thrift



Wireless Institute of Australia

ROSS HULL MEMORIAL VHF-UHF CONTEST 2011

John Martin (VK3KM), contest manager

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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.

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Date	6 m	2 m	70 cm	23 cm	etc
	----	----	----	----	----
Day 1	xxx	xxx	xxx	xxx	xxx
Day 2	xxx	xxx	xxx	xxx	xxx
etc.					
	----	----	----	----	----
Total	xxx +	xxx +	xxx +	xxx +	xxx = xxx (GRAND TOTAL)

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WIA ROSS HULL MEMORIAL VHF-UHF CONTEST

Section entered:

- A** All bands
- B** All bands, digital modes

- *If entering more than one section, please make out a separate cover sheet for each section.*

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:

Operator's name:

Station location:

Postal address:

Postcode:

SCORING TABLE

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 Total
1												
2												
3												
4												
5												
6												
7												
BAND TOTALS												<input style="width: 100px; height: 30px;" type="text"/>

TOTAL CLAIMED SCORE FOR BEST 7 DAYS



COMMENTS OR SUGGESTIONS:



Wireless Institute of Australia

ROSS HULL MEMORIAL VHF-UHF CONTEST 2011: RESULTS

John Martin (VK3KM), contest manager

Here are the results for the 2011 contest. The number of logs continues to be small, but this year's entrants have shown that it is possible to make up very healthy scores in several different ways.

Barrie Burns VK6ADI and Ted Thrift VK2ARA have shown what can be done with some enthusiastic operating on 6 metres. We may be only at the start of the next solar cycle, but 6 metres is certainly alive and well. And coming third in Section A, Wayne Pearson VK5APN has accumulated the top 2 metre score with EME contacts. Top score on 1296 went to Kirk Mercer VK2MER, and Peter Freeman VK3PF gained a very healthy score on the higher bands.

In the digital modes section, the winner this year was Phil Moat VK4CDI with a mixture of terrestrial and EME contacts to 11 countries. He is followed by Rex Moncur VK7MO with a very healthy log of mostly terrestrial contacts. Congratulations to all.

ROSS HULL CONTEST 2011 RESULTS

Call	Name	50 MHz	144 MHz	432 MHz	1296 MHz	2.4 GHz	3.4 GHz	5.7 GHz	10 GHz	TOTAL
Section A: All Bands										
VK6ADI	Barrie Burns	5226	48	45	-	-	-	-	-	5319
VK2ARA	Ted Thrift	2772	360	235	-	-	-	-	-	3367
VK5APN	Wayne Pearson	-	2310	-	-	-	-	-	-	2310
VK2AH	Brian Farrar	972	783	220	-	-	-	-	-	1975
VK2MER	Kirk Mercer	188	618	520	152	-	-	-	-	1478
VK2TG	Robert Demkiw	1110	312	10	16	-	-	-	-	1448
VK3HY	Gavin Brain	726	279	305	80	-	-	-	-	1390
VK7MO	Rex Moncur	-	816	265	154	-	-	-	140	1375
VK3FEMT	Stewart Wilson	-	831	455	-	-	-	-	-	1286
VK3PF	Peter Freeman	98	210	170	320	120	80	80	170	1248
VK3UH	Ken Brown	-	48	35	16	-	-	-	-	99
Section B: Digital modes, All Bands										
VK4CDI	Phil Moat	-	960	580	9610	-	-	-	-	11150
VK7MO	Rex Moncur	-	2137	75	2569	-	-	-	-	4781
VK1WJ	Waldis Jirgens	-	254	-	-	-	-	-	-	254



Wireless Institute of Australia

ROSS HULL MEMORIAL VHF-UHF CONTEST 2012

Contest manager: John Martin VK3KM

The next Ross Hull Contest will run through the month of January 2012. Logs will be due by Monday, February 13.

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WIA ROSS HULL MEMORIAL VHF-UHF CONTEST

Contest date:

Callsign:

Section entered:

- A** All bands
 B All bands, digital modes

- If entering more than one section, please make out a separate cover sheet for each section.*

Operator's name:

Station location:

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.

Postal address:

Postcode:

Signature: _____

SCORING TABLE

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1												
2												
3												
4												
5												
6												
7												
BAND TOTALS												<input type="text"/>

TOTAL CLAIMED SCORE FOR BEST 7 DAYS



COMMENTS OR SUGGESTIONS:

