VHF CONTESTING-ROVER STYLE !

MATT HOLDEN KØBBC DAVE FUGLEBERG WØZF BILL MITCHELL AEØEE



AGENDA

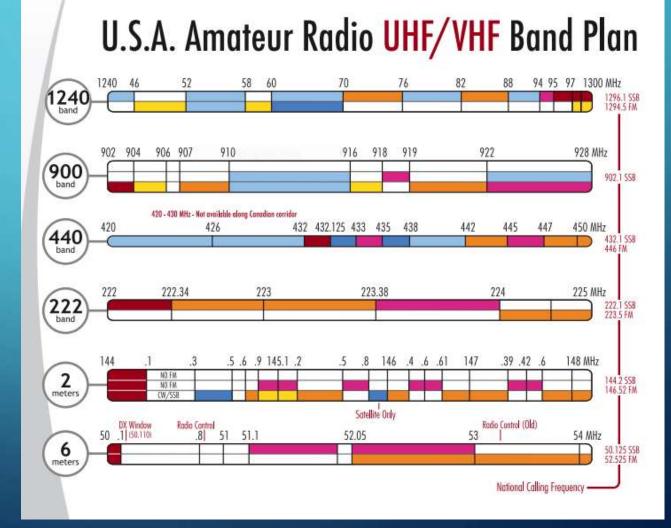
- VHF Contesting Basics
- Why be a rover?
- Roving Strategy
- Rover equipment
- Rover challenges
- Getting started
- Tips & Tricks
- Q&A



WHE Confiesting TO

- Bands
- Contests
- Classes
- Grid Squares
- Contest QSOs

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VHF CONTESTING

👿 VHF contest calendar 201 🗙

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← → C () www.qsl.net/n2sln/contestcale	ndar.html
Apps Street eHam.net Home - An () Callsign Da	—
	VHF contest calendar 2017
	DATE
NAME	confirmed through fall microwave Sprint
WASH 2m Simplex Contest southwest PA	Saturday, 14 January (7 PM - 11 PM EST) phone, CW, digital
ARRL January VHF Contest	Saturday, 21 January (1900 UTC) - Monday, 23 Jan (0359 UTC)
Maine FM Simplex Challenge	Sunday, 12 February (12:00 noon - 4:00 PM EST)
spring 2m Sprint	Monday, 17 April (7 PM - 11 PM local)
spring 222 Sprint	Tuesday, 25 April (7 PM - 11 PM local)
spring 432 Sprint	Wednesday, 03 May (7 PM - 11 PM local)
SBMS 2.3 GHz and up Contest	24 hrs total Sat, 06 May (6 AM local) - Sun, 07 May (11:59 PM local)
fall (southern hemisphere) Araucaria VHF Contest	Saturday, 06 May (0000 UTC) - Sunday, 07 May (1600 UTC) contact: py5vc73@gevaerd.org (remove 73)
spring Microwave Sprint (902 MHz and above)	Saturday, 06 May (8 AM - 2 PM local)
spring 6m sprint	Saturday, 13 May (2300 UTC) - Sunday, 14 May (0300 UTC)
ARRL June VHF Contest	Saturday, 10 June (1800 UTC) - Monday, 12 June (0259 UTC)
SMIRK 6m Contest	Saturday, 18 June (0000 UTC) - Sunday, 19 June (2359 UTC)
CQ Worldwide VHF Contest	Saturday, 15 July (1800 UTC) - Sunday, 16 July (2100 UTC)
222-MHz-and-Up Distance Contest	Saturday, 05 August (1800 UTC) - Sunday, 06 August (1800 UTC)
Make More Miles on VHE 144 MHz Meteorscatter Sprint Contest	Friday, 11 August (2200 UTC) - Sunday, 13 August (21:59:59 UTC)
10 GHz and Up Contest - First Round	24 hrs total Saturday, 19 August (6 AM local) - Sunday, 20 August (12 midnight local)
fall 6m Sprint	Saturday, 26 August (2300 UTC) - Sunday, 27 August (0300 UTC)
ARRL September VHF Contest	Sat. 09 September (1800 UTC) - Mon. 11 September (0259 UTC)

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Single Op All Band(Low/High) Single Op Portable Single Op 3-Band Single Op FM Rover Limited Rover Unlimited Rover Unlimited Multi-Op Limited Multi-Op



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Contest QSOs



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87	DNORT	H ENO7	EN17	ER2	EN37	EN47	EN57	EN67	EN77
kinson	Bismarck	1	Fargo		Duluth	their 1			X
86	DN96	EN06	EN16	EN26 MINNESOT	EN36	EN46	EN56	EN66	EN75
85 CH	ANDING ROCK ESERVATION DN95 EYENNE RIVE ESERVATION	EN05	EN15	EN25 St Clou	EN35 linneapolis	EN45	EN55	EN65	EN75
84 ity	DNBAKO	H ENO4	EN14	EN24	EN34 Rochester	EN44	SCONSINGreer EN54 Oshkosh		EN74
87 DG	DN93	ENO3	Sioux Falls	EN23	- EN33	EN43	EN53 Madison Milw	EN63 aukee Gra	MICHIC EN73 and Rapids
82	DN92	EN02	Sioux Cit	EN22	EN32 OWA Cedar	EN42 Rapids	Rockford	EN62	o EN72

• Bands

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 ROVERS sign with /R or /ROVER

WHY BE A ROVER ??

- Multipliers
- Locations
- Activity
- Fun
- Funny looks



VHF ROVER STRATEGY

- Grid square strategy
 - Rare grids vs 'gun and run'
 - North/South vs East/West
 - Grid corners
- Spotting & coordination
- Band selection
- Class



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Upper Midwest VHF+ spotting page

This page is for the use of stations in the Upper Midwest (MN WI IA ND SD IL) and stations with current propagation to the Upper Midwest. Fixed stations are encouraged to spot Rovers at each move. (Comments to W0UC via ARRLdotnet)

Short chats are welcome - please limit chats to current live activity. The "new rules" allow use of chat to help two stations find each other (including peaking antennas), but once the contact has commenced further coordination must be done via Amateur Radio.

You can also text your spot to 612-440-SPOT (612-440-7768). Please use the following format: Call - Freq - Grid - [add'1 info] Please <u>fill out this form</u> to map your phone number to your callsign in the spreadsheet below.

Collapse

Call Spotted	Freq	Grid	Info	Spotted by	
±					Submit

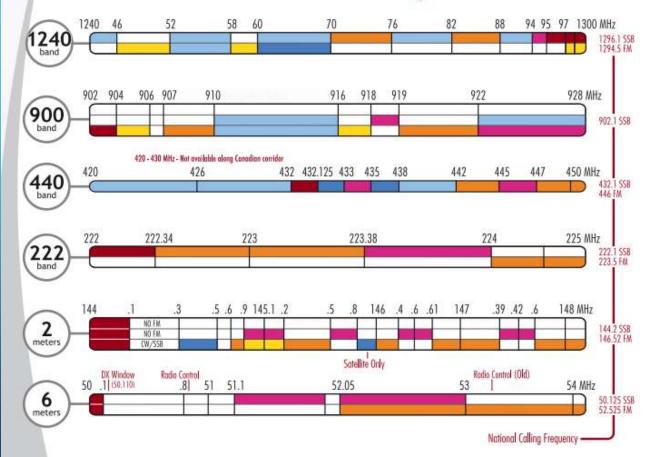
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196	080517 1838	WØLGQ	432.1	EN21ci	let's try 902/1296 later	WØUC	
197	080517 1824	WØFZ/R			bearing to me 9deg	KØAWU	
198	080517 1823	WØZF/R	432		looking	KØAWU	
199	080517 1821	WØZF/R	432.13	EN24xx	beaming east to twin cities	WØZF/R	
200	080517 1818		432.1	EN44hr	Looking toward W9EWZ	WØUC	
201	080517 1818				Good signals Paul with lots of QSB Thanks and GL	KØAWU	
202	080517 1813	W9EWZ	432100	EN52kr	I an now calling and listening 432100.		
203	080517 1812	WØUC			There and gone 902	KØAWU	
204	080517 1801				I am here	KØAWU	
205	080517 1800	WØUC			I am here		

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U.S.A. Amateur Radio UHF/VHF Band Plan



- Radios & transverters
- Antennas
- Location finders
- Logging considerations





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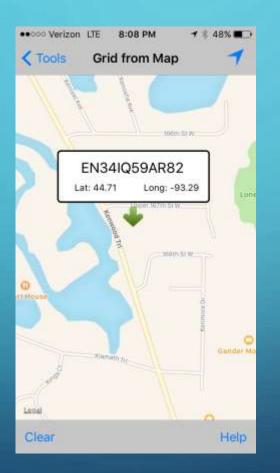
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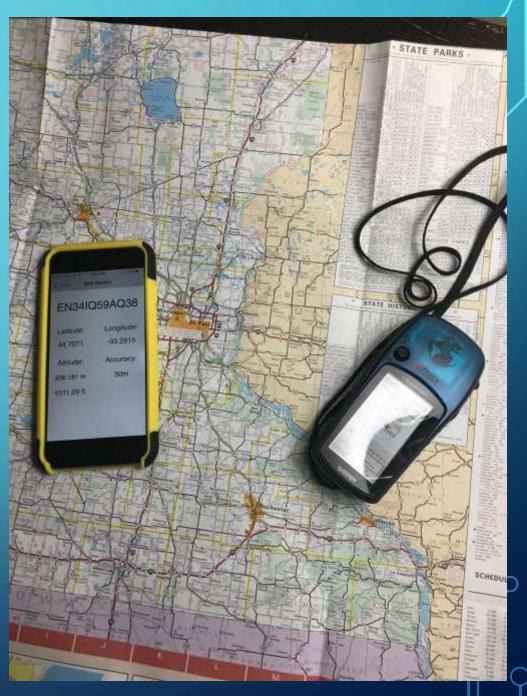


- Radios & transverters
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N3FJP N1MM+Writelog RoverLog Paper Logs THE FALL GRID FREQ ENAY 0100 WORK ENAY 50.125 ENDY 0102 AEVEE EN34 50.130

LOGGING CONSIDERATIONS

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ROVER CHALLENGES

- Weather
- Terrain
- Power
- Height restrictions
- Health & safety









GETTING STARTED

- Easier than you think!
- Start with what you already have
- "Best bang for the buck" improvements
- 6 P.M. Saturday and Sunday FM QSO party





TIPS & TRICKS

- Take the high ground
- Post your plans
- Rover packs
- Weak signal wonders

Team UHF Da!



START HERE

6 P.M. Saturday and Sunday FM QSO hour
146.55 (or call on 146.52 and then move up)
446.00
Submit your log in the FM only category

QUESTIONS?



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MORE INFORMATION

Northern Lights Radio Society www.nlrs.com ARRL www.arrl.org/june-vhf W0ZF YouTube Channel www.youtube.com/user/W0ZF

