The 2007 ARRL September VHF QSO Party Results

They call it "sporadic-E" for a reason...

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WHF/UHF means different things to different people. Some amateurs have only used the VHF/UHF bands for local communications, handheld transceivers and repeaters, missing out on a lot of fun and exciting DX possibilities. By using a small beam installed for horizontal polarization instead of vertical and trying SSB or CW instead of FM, they could be working stations several states away! VHF/UHF contesters have long figured this out, of course, and enjoy themselves to their heart's content — assuming, of course, there is propagation.

Beyond the Radio Horizon

VHFers all know how unpredictable propagation can be. Paul, AA4ZZ, summed it up best: "It's not often that the big story for June is tropo and September is 6 meter sporadic E (Es), but that is the story for the 2007 VHF contests." How right he is!

An E-cloud settled in over Arkansas for a few hours on Saturday and allowed some much-needed 6 meter propagation. Those in the Northeast and South benefited from the unexpected 6 meter opening, while the rest of the country had to find QSOs by lots of CQing and sheer determination. There was also a touch of tropospheric enhancement to be found on the East Coast on Sunday morning, which led to some modest gains on 2 meters and up.

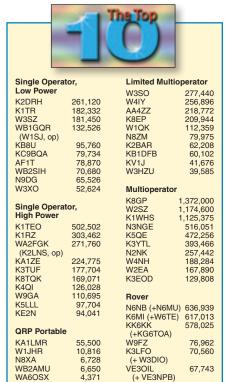
Keys to Success

Perhaps the biggest factor that leads to success in a VHF contest comes down to "chair time." Sitting at the rig actively looking for or soliciting QSOs is going to lead to a bigger score. It's really that simple. With marginal conditions, more chair time gives you better chances of catching the small openings that invariably occur during a contest weekend and that increases your QSO and grid square totals.

Another strategy I've heard mentioned over and over is to work a station on as many bands as possible when you have the chance. If

there's no great opening, take advantage of having a station available to you and work them on as many bands as you possibly can. Adding FM capabilities can also bring in some extra QSOs, especially if you live in a high-density population area.

And lastly, pay attention to the rovers and where they are going to be. Rovers, by definition, activate more than one grid square, often activating any given square for a very short period of time. Since you can work rovers each time they appear in a different grid, it's worth the effort to keep tabs on their schedule. Rovers make VHF contests much more exciting, especially during periods of marginal propagation.



K9ILT (+ KØPG) W1AUV

KC3WD

58.900

55,521 52.668

VA2WDQ/P

VE7IHL

KG6HSQ

KC2JRQ

1.664

1,625

351

Stories from the Trenches

The collective experience from a contest's participants can be a place to learn a lot of valuable tips to improve your performance in the next event. We had a lot of great stories submitted to us from newcomers and seasoned veterans alike. Steve, K4GUN, had his first contest rover experience in the September VHF QSO Party. "This is when I discovered just how bad a vertical antenna is for SSB in the VHF/UHF bands. People had tried to tell me, but being as inexperienced (and perhaps stubborn) as I am, I didn't quite understand the depths of this issue. I figured I have a pretty good vertical so how bad could it be? The answer: pretty bad." Look for Steve as a rover in future VHF contests. with better gear.

Another Rover, Glen, KCØIYT, emphasizes fun during his operations. "I had a lot of fun and I think it was mostly because I was out roving purely for the fun of it and not caring what my score would be. I know operators who won't even turn their radios on if they're not sure that they can WIN some category of the contest."

Dan, W1QK, offers this insightful piece of information: "One of the reasons why we contest is to continuously assess what works and why, as well as determine how to make the deployment, operation and equipment better for the next competition." One of the operators at W1QK was Harlan, KB1ILY, participating in his first event. "My first major contest was a hoot! The propagation seemed average, as I understood, but usually there were stations that responded to my CQ calls. The friends, food and radio fun-factor were astounding. Will I contest again? You betcha!"

The Contest — By The Numbers

Participation was up slightly this year, with 557 logs received compared to 2006's 532, and 2005s 628 logs. Although conditions were generally down this year, we saw a few divisional records broken, including some

that have stood for quite a long time.

Individual and Team Results — National

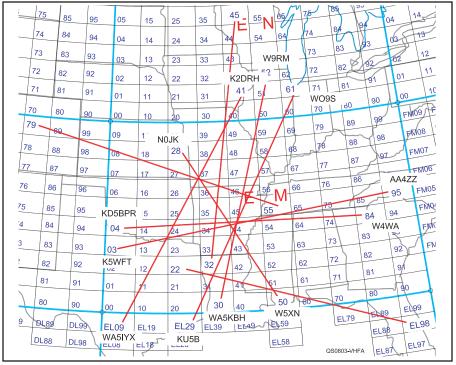
Single Operator

Bob, K2DRH, pulled off a repeat of 2006 and won the SOLP category yet again this year, improving his 2006 score by almost 50k points and setting a new central division record. The Saturday 6 meter opening, enhancement on Sunday morning and lots of tower and antenna work a week before the event led Bob to his best September VHF score ever. He was 80k ahead of second place K1TR, who received a visit from Murphy atop his Wachusett Mountain QTH in FN42, frying his IF and T/R switch for his 903-3456 MHz transverter box. Roger, W3SZ, set a new Atlantic Division record with his third place score, with only 882 points less than K1TR. K1TR had 239 QSOs more than W3SZ, but Roger had 32 more multipliers. W1SJ piloted WB1GQR to a respectable fourth place finish, while Russ, KB8U, came in fifth overall with 95k while struggling with a malfunctioning rotor, rounding out the top five. Honorable mention goes to Todd, N4QWZ, for breaking the Delta Division record in the SOLP category.

For the high-power crowd, Jeff, K1TEO, pulled off his second win in a row as he topped the SOHP category by almost 66% from second place K1RZ, despite encountering more problems than he's experienced in some time. Persistence paid off and Jeff

was able to coast to victory even though his score was down almost 70k from 2006. Dave was hardly a slouch, scoring over 300k in his second-place effort. Herb, K2LNS drove WA2FGK to third place overall, with KA1ZE and K3TUF completing the top five.

For those who enjoy some fresh air — and a significant challenge — the QRP Portable category offers both a chance to get outdoors and a chance to do a lot with a little — or bang their head against a brick wall. Only 13 amateurs braved the category this Sep-



With a sporadic-E cloud settling over Arkansas, contesters were able to enjoy a surprise 6 meter opening Saturday afternoon throughout the Northeast and the South. Many QSOs were made off this cloud.

Regional Leaders Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)			Southeast Region (Delta, Roanoke and Southeastern Divisions)		Central Region (Central and Great Lakes Divisions; Ontario Section)		Midwest Region (Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)		West Coast Region (Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections)					
K1TR W3SZ WB1GQR (W1SJ, op) AF1T WB2SIH	182,332 181,450 132,526 78,870 70,680	A A A	W4SHG 4 N4QWZ 3 K4FJW 1	48,138 39,250 12,600	A A A A	K2DRH KB8U KC9BQA N9DG WZ8T	261,120 95,760 79,734 65,526 43,200	A A A A	W3XO WB5ZDP NØKP NØLL W6ZI	52,624 38,720 38,710 28,060 28,024	A A A A	N7CFO W6YX (KI6CCH, op K6XN KI7JA W6OMF	20,898 20,898 20,12,532 11,634 7,612 6,750	A A A A
K1TEO K1RZ WA2FGK (K2LNS, op) KA1ZE K3TUF	502,502 303,462 271,760 224,775 177,704	B B B	KE2N S W4WA 8 W4ZRZ 5	94,041 83,424 56,304	B B B B		169,071 110,695 82,110 76,302 75,187	B B B B	K5LLL K9MK W0ZQ W5PR KC0TPP	97,704 74,817 65,369 24,700 18,601	B B B B	KC6ZWT W6VNQ K7ND K7AED W7MY	29,212 17,980 14,042 3,956 3,610	B B B B
KA1LMR W1JHR VA2WDQ/P KC2JRQ	55,500 10,816 1,664 42	Q Q Q Q	N3AWS AB4EJ		Q Q	N8XA	6,728	Q	KØNR NØJK	20 9	Q Q	WA6OSX VE7IHL KG6HSQ WBØIWG	4,371 1,625 351 1	0000
W3SO W1QK K2BAR KB1DFB KV1J	277,440 112,359 62,208 60,102 41,676	L L L L	AA4ZZ 21 K8EP 20 WD4OAR 3	18,772 09,944 34,632	L L L L	N8ZM N9TF W9RM KC8QAE WA3ZKR	79,975 15,872 15,300 14,091 11,280	L L L L	AB5GU KA5WZY NG5A NØUNL KE5BAV	21,208 10,564 8,305 5,782 3,888	L L L L	VA7ISL AD6IJ	23,374 15,105	L
W2SZ K1WHS N3NGE K3YTL N2NK	1,174,600 1,125,375 516,051 393,466 257,442	M M M M	W4NH 18 AG4V 2 NE5BO 2	88,284 26,214 21,504	M M M M	N9UHF N2BJ W8PGW	61,248 41,529 20,746	M M M	K5QE KBØHH WØEEA WØFRC	472,256 92,901 42,510 1,302	M M M	KØDI KF6KDA K7RST KF6LT N6SPE	21,321 12,672 4,784 2,340 1,003	M M M M
K3LFO (+ W3DIO W1AUV WA3PTV W1RT (+ ON4IY) K1DS	70,560 55,521 52,113 42,277 41,791	R R R R	N2CLB K4EPC	3,424 2,639 1,323	R R R R	W9FZ VE3OIL (+ VE3NPB) K9ILT (+ K0PG) N9TTX VE3SMA	76,962 67,743 58,900 46,110 43,450	R R R R	KCØIYT WAØVPJ KRØVER KAØKCI N5AIU (+ AE5BN)	19,872 15,370 10,750 9,306 8,460	R R R R	N6NB (+N6MU) K6MI (+W6TE) KK6KK (+KG6TOA) K3UHF N7UHF	636,939 617,013 578,025 30,753 30,753	R R R

Club Competition Local Club Category Club Name Score # of Logs Murgas ARC 668036 North Texas Microwave Society 595863 Chippewa Valley VHF Contesters Raritan Bay Radio Amateurs 79772 14241 8 3 CTRI Contest Group 9800 10-70 Repeater Ass'n 9506 Medium Club Category Club Name Score # of Logs Potomac Valley Radio Club 2095553 21 Northeast Weak Signal Group 2068735 21 11 **PACRATS** 641932 **Badger Contesters** 558231 Society of Midwest Contesters Yankee Clipper Contest Club Carolina DX Assn 432704 18 12 302672 271967 3 17 14 12 Contest Club Ontario 208241 Northern Lights Radio Society Pacific Northwest VHF Society 197723 109429 Northern California Contest Club 52342 665337 Florida Weak Signal Society Grand Mesa Contesters of Colorado 49394 47584 Frankford Radio Club 28054 Mad River Radio Club 24816

19354

tember and the general lack of propagation shows in the scores. Chris, KA1LMR, took first place for the fourth straight September contest, somehow scoring five times more points than second place George, W1JHR. Coming in third was Phil, N8XA, while Ken, WB2AMU, enjoyed some good enhancement on Sunday to earn fourth place. Tom, WA6OSX, led the West Coast QRP contingent with fifth place overall.

Multioperator

Dauberville DX Assn

2007 saw a lot of familiar faces in the Limited Multiop Top Ten. Seven of last year's Top Ten are back again this year. The team from FN00, W3SO, managed to add 12k more to their score this year and take the top spot. Using older equipment and a station that has been pieced together little by little over the years, the Wopsononock Mountaintop Operators were able to overcome computer crashes and rig failures and edge out second place W4IY, who returned to the Limited Multi category after trying their hand at the Unlimited Multioperator category last year. Only 19k separated the two teams. While W4IY fared better on 6 meters in QSOs and multipliers, it was W3SO's better performance on 432 MHz that seemed to make the difference. Paul, AA4ZZ, and his troupe broke 200k and earned third place, up a slot from last year's effort. They were able to enjoy the 6 meter opening on Saturday, working a handful of stations at a time before the band would fold again. By the time the opening was done, AA4ZZ had managed to work 25 grids in Mexico, Texas, Oklahoma, Kansas and New Mexico. Now that is persistence. The K8EP crew improved their 2006 score by 25k points, but that was only good for fourth place this year. W1QK made the biggest improvement from 2006,

from ninth to fifth.

The Unlimited Multioperator category is the proverbial "Battle of the Titans," with the Grid Pirates, K8GP, and the Mt Greylock Expeditionary Force, W2SZ, setting new standards for multioperator contesting year after year. This past June, the big news was The Grid Pirates victory over the Mt Greylock team. History has a tendency to repeat itself, and for the second time this year, K8GP took first place in the Unlimited Multioperator category, beating W2SZ by just under 200k. While W2SZ certainly has an advantage of more people to work on 902 MHz and up, The Grid Pirates were dominant on 50 MHz-432 MHz, making over 100 more QSOs and doubling the number of grids on 6 meters that their second place competition. K1WHS earned 100k more than last year's effort, which translated into third place this season. Rounding out the top five are N3NGE and K5QE, who broke their own West Gulf Division record from 2004 with 472,256 points this year.

Rovers

The big news this year was the shattering of the previous top rover score not once, not twice, but three times in the same contest. Three different rovers headed up the California coast in tandem and all scored over 500,000 points. The winner this year was N6NB with a new record score of 636,939 points. K6MI was second with 617k and KK6KK came in third with 578k. Bruce, W9FZ, opted for a route in completely unfamiliar territory, venturing south of his home turf and amassing just under 77k to earn fourth place. Dave, K3LFO (+W3DIO) enjoyed great success around Virginia and Maryland to earn fifth place, scoring just over 70k.

Club Competition

The September VHF QSO Party is one of many ARRL sponsored events that allows ARRL and RAC affiliated clubs to combine the scores of their members and compete with other clubs. The 2007 September VHF contest featured six competing in the Local Club category and 16 in the Medium Club category. In the Local Club category, The group from the Pennsylvania mountain territory, the Murgas Amateur Radio Club, used their skills honed from the Pennsylvania QSO Party and beat out a great effort from the North Texas Microwave Society (NTMS) to take top honors with 668,036 total points. Murgas scored 72k more than their brethren down South even though they submitted only four logs, compared to the NTMS's five entries. The Chippewa Valley VHF Contesters managed third place with six logs.

In the Medium Club category, heavy hitters Potomac Valley Radio Club went up against New England's premier VHF/UHF

0001	D.	Donal	
QSO Lead	ers by	Band	
Single Opera	tor Low I	Power	
50 MHz		432 MHz	
K1TR WB1GQR (W1SJ, op)	216 213	K1TR K2DRH WB1GQR	112 107 103
W3XO K2DRH	209 203	(W1SJ, op) W3SZ	77
W4TAA K4LY	122 120	WB2SIH N9DG	73 73
144 MHz		902 MHz	
WB1GQR (W1SJ, op)	239	K2DRH W3SZ	29 28
K1TR	237	WB2SIH	24
K2DRH	181	KC9BQA	19
N8RA K5MA	154 137	AF1T	19
222 MHz		1296 MHz	
K1TR WB1GQR	84 80	K2DRH WB1GQR	37 36
(W1SJ, op)		(W1SJ, op)	
K2DRH W3SZ	68 67	W3SZ	30
W35Z	67	KC9BQA	28

QSO Leaders By Band								
Single Operator High Power								
50 MHz		144 MHz						
K1TOL	303	K1TEO	328					
W5PR	260	KA1ZE	225					
K1TEO	182	K1RZ	209					
K5LLL	177	WA2FGK	193					
K1RZ	175	(K2LNS, op)						
		KE2N	164					

WB2SIH

26

67 58

N9DG

WB2SIH

club, the North East Weak Signal group. Both clubs submitted 21 logs, with NEWS utilizing five rovers to the PVRC's 1. Both clubs racked up over 2 million points in their combined members' score! When the dust had settled, the difference was a mere 26,818 points! Despite their best efforts, the North East Weak Signal group fell short this year and the PVRC won the Medium Club category. The Mount Airy Pack Rats came in third on their way to 642k, while Wisconsin's Badger Contesters submitted an impressive 25 logs — the highest number of any club — on their way to fourth place.

Across the Continent — Regional Notes

Northeast Region

The battle for top honors in the Single Op Low Power category continued to be fought out by familiar calls. Ed, K1TR, fought off high-band equipment failures to win the region, just edging out W3SZ, who managed to set an Atlantic Division record. Jeff, K1TEO, made the most of high-band enhancement to claim Single Op High Power and first place nationwide, beating Dave, K1RZ, by almost 200k. KA1LMR won the QRP category nationally and beating second place W1JHR by 500%. W3SO bested W1QK for the top Limited Multiop score, While K1WHS put in a very impressive score from their Maine hilltop QTH in the Multioperator category, second only to perennial region winner W2SZ. K3LFO (+W3DIO) cruised in

Multiplier Totals By Band Single Operator Single Operator 432 MHz Single Operator 902 MHz 222 MHz 432 MHz KA17F 50 KA1LMR 6 K8GP **Low Power High Power Portable** 50 40 K2DRH 42 N3NGE K8TQK W1JHR N9DG K8ZES 50 MHz 28 50 MHz 50 MHz W2SZ AA4ZZ -L K1TEO 41 40 2 39 N8XA 28 27 **W3XO** W5PR AX8N K4QI 27 WA6OSX 37 K1TR 84 70 22 16 K2DRH 69 62 K5LLL K3TUF 35 KA1I MR K1WHS 27 K4LY K5IX K1TOL WB2AMU 1296 MHz W3S7 K9MK W4TAA 58 68 902 MHz W1.IHR 14 432 MHz KA1LMR 6 KB8U K4LY K5GZR VA2WDQ/P 52 67 9 K1TEO 25 K8GP W1JHR 3 2 51 W3SO -L 21 49 KA1ZE 902 MHz 144 MHz 144 MHz 144 MHz WA6OSX K1RZ 19 W2S7 44 K2DRH 20 17 K2DRH 53 KA1ZE 57 K8TQK 19 KA1LMR 25 K1WHS W3S7 K1TEO K4EQH 44 56 WA2FGK 17 WB2AMU 18 K3YTL 41 Multioperator KB8U N9DG 38 37 K8TOK 56 48 (K2LNS, op) VA2WDQ/P 17 WB2SIH 12 50 MHz KB8U 17 K4QI W1JHR 902 MHz KC9BQA 11 36 35 W2KV 42 42 1296 MHz N8XA 12 K5QE W2SZ K8GP 35 29 WA3EOQ 11 K8ZES K9EA K8GP 100 K1TFO 28 WA2FGK 222 MHz 92 27 23 K1WHS 27 1296 MHz (K2LNS, op) 222 MHz K1WHS 84 WA2FGK KA1LMR 16 K5QE 19 K2DRH 20 AA4ZZ -L 75 K2DRH 33 30 13 18 (K2LNS, op) W1JHR W3S7 19 222 MHz KÀQI 21 N9DG N8XA 9 N3NGE 18 WB2SIH 15 144 MHz KB8U 28 K8TQK WA6OSX WA3EOQ 13 3 K8GP K1TR 27 25 KA1ZE 38 37 K1R7 VE7IHL 80 1296 MHz WB1GQR 13 K1TEO K5QE 63 W2SZ 38 (W1SJ, op) KC9BOA 25 K4QI 35 432 MHz K1WHS 63 59 K1WHS 28 25 K3TUF K5MA N3NGE KA1LMR K8GP W3SO -L WB2AMU 14 13 N2NK 20 K5QE 20 N8XA 6 6

style to the top rover score in the Northeast.

Southeast Region

Doug, K4LY (ex-WØAH) took the region for the second straight year in the Single Op Low Power category, despite his score being down 18k from last year. Russ, K4QI, improved last year's score by nearly 40k to claim the Single Op High Power regional title. Jim, N3AWS, took the top spot in the QRP Portable category with only 13 QSOs and a score of 140. The teams from W4IY and AA4ZZ slugged it out in the Limited Multioperator category again this year, with W4IY taking top regional honors in addition to second place nationally. The Grid Pirates, K8GP, worked the lower bands to perfection and took first place in the Multioperator category in both the Southeast division as well as nationally. Matt, KC3WD, scored 7k fewer points than in 2006, but was the Southeast's best rover in September 2007.

Central Region

Bob, K2DRH, continues his dominance from Illinois as the top Single Op Low Power entry both in the region and overall, while Glenn, K8TQK, repeated his Single Op High Power regional victory, scoring just under 8k less than last year. The lone QRP Portable entrant in the region was Phil, N8XA, who managed 83 QSOs on six bands and improved dramatically on his 2006 score. The Limited Multioperator effort by Tom, N8ZM, and company was head and shoulders above second place N9TF. The Multioperator category pitted two Society of Midwest Contesters contingents against each other; Barry, N2BJ (with packet) versus several operators as part of the N9UHF effort in EN52. The Stoned Monkey team topped Barry by 20k points for the regional Multioperator title. W9FZ prevailed over VE3OIL (+ VE3NBP) by just over 9k for the top rover operation in the Central region.

WA6OSX

6

Midwest Region

Bill, W3XO, in south Texas was able to take advantage of the 6 meter opening on Saturday afternoon, snagging over 200 QSOs in five hours to earn the Single Op Low Power honors. Ron, K5LLL, combined the 6 meter opening with effective rover management to win the Single Op High Power honors, smashing the West Gulf Division record held by K5IUA since 1999. In what may be the most concentrated contest effort in history, Bob, KØNR, needed only five minutes' worth of operating time to capture the QRP Portable category in the entire Midwest region! Marty, AB5GU, needed just 230 QSOs and 21k to take the region in the Limited Multioperator category, and in the Multioperator class, the K5QE crew was able to muscle their way to a new West Gulf division record in the Multioperator category for the *fourth* consecutive year. The regional rover title was contested between the efforts of KCØIYT and WAØVPJ, two members of the Northern Lights Radio Society. KCØIYT was the winner, thanks to his use of the microwave bands. While John had more overall QSOs (208 vs 192) and more overall multipliers (53 vs 46), especially on 6 and 2 meters, it was Glen's QSOs on 903 MHz plus 2304 MHz and up that took him over the top.

West Coast Region

If there's no propagation to speak of, VHF contesting out west can be especially trying. That doesn't deter the Pacific Northwest VHF Society folks, including Lynn, N7CFO, from getting in there anyway! Lynn walked away with the region's best score in the SOLP category. Norm, KC6ZWT, increased his 2006 score by 33% taking the Single Op High Power category and a regional victory. With the difference in propagation between the left and right coasts, QRP scores were decidedly lower out west. Tom, WA6OSX, fared the best, with 98 OSOs and 31 Multipliers from 50 MHz through 1296 MHz to earn first place in the region from the field. With only two entries in the Limited Multioperator category from the Western sections, VA7ISL had no trouble taking AD6IJ for top regional honors. KØDI was able to use the southern California population density to take the Multioperator title for the West Coast Region. So who were the rovers? K6MI, N6NB and KK6KK followed their noses up the California coast in tandem to a West Coast and national rover record score. Wayne, N6NB, was the leader of the pack with 637k points.

-L denotes Limited Multioperator

Conclusion

More activity with some odd propagation made the 2007 ARRL September VHF QSO Party an enjoyable event. With some newcomers participating in their first VHF contest and many amateurs purchasing rigs that have VHF bands built in, now is a great time to get involved with VHF/UHF contesting and get on a band or mode you've never tried before. With the ARRL sponsoring three VHF/UHF contests a year plus an event dedicated to UHF only, you have plenty of opportunities to get in on the VHF/UHF fun. Join us! You'll be glad you did. The 2008 September VHF QSO Party will be September 13-15. I look forwants working you!