

2011 ARRL June VHF QSO Party Results

Dreams, schemes and themes.

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I always enjoyed the Johnny Carson *Tonight Show* skit “Carnac the Magnificent.” First, holding an envelope to his forehead, Johnny would name three things as the answer; then he’d rip apart the envelope and pronounce the question. In the spirit of Carnac: Dreams, Schemes and Themes!

Even before I got a look at the submitted scores, I had a suspicion that this year’s event would prove to be great for some and a disappointment to others. As the current sunspot cycle is on the rise and the weeks prior to the event showed great E_s activity on 6 meters, many participants were planning to keep their rigs focused on that band. They anticipated lots of activity

and grid-square multipliers. Other hams were busy completing antenna erection and making repairs to radios, amplifiers and preamplifiers. Rovers were getting their chariots readied and routes established. Big guns were soliciting and finalizing schedules for digital modes — meteor scatter and moonbounce contacts to enhance their scores.

Based on their previous successes, station improvements and operating prowess, many operators set their sights on bettering their scores from previous years and even breaking some records. The dream of George, K5TR was to work 2000 QSOs or more on 6 meters. He has worked hard to have a station and antennas that give him great propagation and listening capabilities. Six meters was very good for him again this year — not as good as last year but still very good.

Wayne, N6NB set out to score big as a QRP Portable station and to set a national



Sandra, N2CEI and Steve, K4SME got a little more excitement than expected when they encountered a violent windstorm that removed half of the 6 meter Yagi reflector. Nevertheless, they persevered and activated 12 grids from Memphis to Florida.

record. His scheme was to optimize a 10-band station and have the team of similarly equipped Southern California Contest Club rovers cover as many grids as they could and make contacts with him. Brothers Dave, N2TEB and Andrew, K2FR set off hiking up Mt Beacon to fulfill their hopes of fun while portable contesting. One of the recurrent themes was that the weather that was not as cooperative as expected; despite some QRP thrills with E_s (sporadic E) contacts on 6 meters, their operation was cut short with rain. Inclement weather always seems to be a theme of contest problems.

In an attempt to promote more VHF contest activity, Paul, W0UC created some on-line tools for posting contest plans. There has been a rover reflector where rovers were encouraged to post their plans but this seemed to fade from popularity in favor of the vhfcontesting.com website, which has remained active and predictable. Todd, KC9BQA has a website for VHF contesting

(kc9bqa.com) that is a helpful educational tool for newcomers to the VHF events. Several regional clubs have also encouraged FM contacts and calling hours for those hams whose gear was limited. With the wide availability of FM radios for the 146, 222 and 440 MHz bands, a lot of local activity can be generated. Once FM only ops get a taste of the excitement of the activity, they may even be converts to SSB and CW operation on these bands.

Weather was a feature for stations in an area from Oklahoma and stretching northeast up to the New England states, as bands of showers and thunderstorms tracked through much of Saturday. On Sunday, there was

more unfriendly rain in the Midwest but most of it cleared out by Sunday evening. Many eastern stations reported power outages lasting several hours during the contest. Perhaps they were all saving their emergency power sources for the upcoming ARRL Field Day?

John, W6XM and Eric, KR0VER operated W6XM from the rare grid of CM93 on Santa Rosa Island off the coast of Southern California. They flew there on a small twin-engine plane and operated bands ABD¹ using battery power with Yagis on a 15 foot mast. From the write-up on their website (w6xm.org/2011.jun-vhf) it’s apparent they had a fulfilling trip.

Mitch, W1SJ/WB1GQR operated from Mt Equinox in Vermont at an altitude of 3848 feet after enduring hours of waiting for the horizontal sheeting rain and winds of 35 mph to calm. Trying to stand without getting blown over was difficult. His patience was rewarded with 6 meter double-hop E_s to

Mexico and many of the western states.

Marshall and his Multiop team at K5QE are still dreaming that they will beat W2SZ. They added a low antenna to their previous 6 meter stack, enhanced the 3456 MHz station, and managed to link up with additional rovers Steve, N2CEI and Sandra, K4SME. Although Steve and Sandra encountered a windstorm (see photo), they managed to cover 12 grids from Memphis south to Florida.

Welcome to so many of you who reported that this was their first VHF contest. Hal, N4GG reported that he learned a lot and had fun in his first VHF event after 50 years in HF. Bob, W5KI commented that as newcomers in their first VHF contest, they are in for a rude awakening in future years as this year will surely spoil them.

In the spirit of recruiting more activity to VHF contesting, Dennis, KM9O from the Society of Midwest Contesters lined up several two-band FM ops from a local club. He got them to operate 146 MHz and 440 MHz FM with their units in a horizontal polarization for an extra 20 QSOs in the log. Perhaps some of those operators will gravitate toward more gear and effort in the future. Pete, NØOY found the right mix of local hams and college students to put WBØDRL on the air for an ML effort that netted 1300 contacts. He reported that it was an interesting weekend teaching the art of grid squares, antenna pointing, frequency use, and running rate to non-contesters. Chris, NV4B, operating QRP portable from the highest spot in Mississippi, was a ham ambassador to the many visitors to this spot as he introduced them to Amateur Radio. Have you done anything special to promote amateur radio and VHF activity?

DX

Logs were submitted by multiple DX participants, some of whom spent considerable effort to give the 6 meter opening a good ride and excite those of us stateside. C6ABB in Limited Multiop and C6AKQ in Unlimited Multiop each scored well over 100k. The Limited Multiops of COØOM had over 80k, and T48K had more than 50k. Low Power Single-Op Winston, CO2WF logged a score of 2.8k. Ted, HI3TEJ had close to 100k as a SOLP entry. Chuck, W5PR operating YN2PR in Nicaragua scored 85k and Jim, operating ZF2BI in the Caymans, had over 30k in his entry. Dave, VP5CW as a SOLP had an entry with a quarter-million-point score. Wayne, operating as PJ2/K8LEE, gave us another DX entity and Caribbean grid square. Fred, KH7Y managed to have 22 contacts in 15 grids with small openings to the mainland US and Japan. There were 51 logs from Canadian



Single Operator, Low Power		Multioperator	
NØLL	381,860	W2SZ	1,183,446
W5SXD	379,872	K5QE	1,017,000
K2DRH	342,681	W3CCX	481,459
N3LL	307,671	W0KVA	458,436
VP5CW		KBØHH	410,048
(W5CW, op)	230,720	N6VI	408,100
N4QWZ	198,171	K3EOD	239,334
KØSIX	197,024	K3YTL	152,092
K5RQ	189,267	WQØP	147,972
NØPOH	167,420	N4JQQ	127,333
NØHJZ	162,122		
Single Operator, High Power		Rover	
K5TR	501,714	K6MI/R	234,346
NR5M	454,230	K6AH/R	209,935
WDØT	412,383	W6XD/R	184,008
WDSK	387,090	W6DX/R	173,880
K5AM	384,120	W1RT/R	114,838
K1RZ	367,334	VE3NPB/R	112,770
K1TEO	358,001	K6GEP/R	97,940
WØUC	351,975	VE3SMA/R	87,912
KØDU	346,912	K4SME	74,261
K9MK	330,600	AG4V/R	63,204
Single Operator Portable		Limited Rover	
N6NB	295,368	AL1VE/R	168,846
KA1LMR	67,662	W6YLZ/R	76,416
KJ5RM	58,784	K1TR	69,433
K9AKS	44,814	WAØVPJ/R	58,706
W9SZ	33,550	WØETT	46,158
WDSAGO	24,244	N5QGH	45,220
N8XA	18,725	K2QO/R	38,720
N6DN	16,856	AF6AV	30,268
NV4B/5	11,880	NØQE/R	27,132
NØJK	10,488	K9JK/R	16,692
Limited Multioperator		Unlimited Rover	
W5ZN	686,784	N3IQ/R	83,974
K9NS	633,552	WA3PTV	61,750
K8GP	505,932	K6GMC/R	43,860
W3SO	435,754	W6MTR	7,592
W4NH	404,593	KCØP/R	5,194
NØOY	394,434	NØHZO/R	3,510
WA7JTM	380,546	N6TEB/R	3,360
K2LIM	298,100	NV6C/R	1,302
N5RZ	222,530	KC2IFØ	864
W4IY	218,086	N5AA/R	168

stations, including a whopping 1 million point entry from Unlimited Multiop VE3WCC. One Unlimited Multiop and four Single-Ops including Chuy, XE2N with over 60k in Mexico added another half million points to the action. Stations from HR, VP9, YS and KP4 also were logged.

The Bands

Hail to the mighty 6 meter conditions. Dave, KØDI aptly renamed the weekend, "The June 6 Meter Contest." The band popped open intermittently all weekend with both single and double-hop E_s. Tom, K4MM cautioned "If you left the seat you missed a mult." The best hours appeared to be Sunday between 1200 and 1700 UTC. Reading some of the QSO rates from contestants during that span, there were highs close to 200 contacts per hour with 150 new grid multipliers added to some logs in that time frame. The DX window was active and there were fast moving pileups on the DX stations as they appeared.

Two meters was the next most popular band; once there were lulls in the 6 meter action, operators went back to that band to

pick up more contacts and multipliers. Was there any 2 meter E_s? Sebastian, W4AS from EL95 in Miami had an 1107 mile QSO with Brett, WØBLD in EM37 in Missouri. Most stations reported limited conditions on the bands 2 meters and up. Activity on the higher frequencies was limited, especially because 6 meters was open on and off for most of the weekend and operators focused attention there.

Contacts on 222 MHz and up suffered because of all the action on 6 meters. To quote Rich, W5SXD, "Six was amazing! No time for the higher bands." Tree, N6TR said, "Best 6 meter score I have had — with worst score on the other bands." Paul, WØUC claimed he missed most of the local rover activity because he stayed on 6 meters. He still managed a 360k score with 6 bands.

The groups that made the most of 222 and up included the W2SZ Mount Greylock Expeditionary Force, their rovers, and N6NB operating as a QRP Portable supported by the Southern California Contest Club rovers. The Southern California Contest Club members maintained their focus on the higher bands with their theme of microwave roving and schemes of capturing top honors in as many categories as possible. Their rotatable toolbox transverters attached to antennas atop their vehicles are models of efficient mobile communication. The N6VI MU team also played the microwaves, using gear through 10 GHz at 8,000 feet elevation and catching many of the SCCC rovers. Brian, NJ1F/R did manage to make 4 contacts on 47 GHz.

The Competition

The final numbers show a total of 1233 submitted logs, an increase of 2% over 2011. Again, the biggest category with 716 entries was SOLP. The SOHP category had 215 entries. Limited Multioperator entries numbered 63, while the Unlimited Multioperators submitted 103 logs. Low-power Portable included 37 entries. Rovers are divided into three sections and there were 49 Class Rovers, 40 Limited Rovers and 10 Unlimited Rover logs submitted. This distribution is similar to previous years. Forty-three section records were broken all over the map and in every category. N6NB set a new national record in the QRP portable category with 295k points. A complete listing of the records and extended contest information can be found at the online ARRL contest results section (www.arrl.org/contests).

Single-Operator Scores

There were a total of 931 single-ops in both the low and high power categories. It is always exciting to see the numbers of folks that get on the air, even to dip their toe

Regional Winners

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)		
AF1T	152,040	A	N3LL	307,671	A	K2DRH	342,681	A	N0LL	381,860	A	WJ0F	118,450	A
W3PAW	130,269	A	N4QWZ	198,171	A	W9ZRX	91,043	A	W5SXD	379,872	A	W7JLC	84,148	A
K1KG	115,397	A	K5RQ	189,267	A	W9GKA	88,704	A	K0SIX	197,024	A	N71R	77,175	A
WB1GQR (W1SJ, op)	111,452	A	N4QV	118,803	A	N91SN	80,410	A	N0POH	167,420	A	VA6AN	72,808	A
NZ3M	46,151	A	AA5AU	110,622	A	VA3ZV	74,909	A	N0HJZ	162,122	A	W7ID	63,666	A
K1RZ	367,334	B	K2EK	296,431	B	W0UC	351,975	B	K5TR	501,714	B	N7CW	262,194	B
K1TEO	358,001	B	W4WA	248,864	B	WB9Z	307,008	B	NR5M	454,230	B	K7CW	121,572	B
WA2FGK (K2LNS, op)	324,658	B	K4PI	204,884	B	K9GT	225,990	B	WD0T	412,383	B	W7EW	112,128	B
K3TUF	237,006	B	K4SN	171,175	B	N9XG	184,338	B	WD5K	387,090	B	AA7A	107,400	B
N3HBX	114,580	B	N4WW	170,178	B	K8MD	110,200	B	K5AM	384,120	B	K5RR	93,795	B
KA1LMR	67,662	Q	NV4B/5	11,880	Q	W9SZ	33,550	Q	KJ5RM	58,784	Q	N6NB	295,368	Q
WB2AMU	3,080	Q	N5DUH	6,664	Q	N8XA	18,725	Q	K9AKS	44,814	Q	N6DN	16,856	Q
N1PRW	806	Q	W0PV	5,220	Q	A19I	208	Q	WD5AGO	24,244	Q	KB5WIA	7,616	Q
N3YZ	36	Q	K3TW/4	513	Q	K9PLS	78	Q	N0JK	10,488	Q	K6TUJ	156	Q
W3MEO	32	Q	KC8KSK	480	Q	VA3RKM	18	Q	N0KIS	2,964	Q			
W3SO	435,754	L	W5ZN	686,784	L	K9NS	633,552	L	N0OY	394,434	L	WA7JTM	380,546	L
K2LIM	298,100	L	K8GP	505,932	L	N8ZM	160,080	L	N5RZ	222,530	L	K7TM	61,288	L
W2LV	212,568	L	W4NH	404,593	L	W9RVG	98,566	L	N0KE	209,703	L	K6LRG	53,192	L
N1WK	161,252	L	W4IY	218,086	L	A19Z	81,200	L	WA7KYM	185,814	L	VE7SCC	33,930	L
W1QK	112,255	L	WQ4M	74,784	L	N9TF	46,410	L	N5XTR	167,640	L	KY7M	32,893	L
W2SZ	1,183,446	M	N4JQQ	127,333	M	VE3WCC	86,335	M	K5QE	1,017,000	M	N6VI	408,100	M
W3CCX	481,459	M	N4LR	99,330	M	N2BJ	83,985	M	W0KVA	458,436	M	W6TV	98,968	M
K3EOD	239,334	M	W4TP	79,218	M	N9UHF	56,760	M	KB0HH	410,048	M	N6SS	80,013	M
K3YTL	152,092	M	W4MYA	64,680	M	K3WA	23,999	M	WQ0P	147,972	M	KB7Q	78,318	M
N1JEZ	51,684	M	KD2JA	54,927	M	VE3EJ	23,219	M	N5LZ	112,690	M	K7AWB	74,448	M
W1RT/R	114,838	R	K4SME	74,261	R	VE3NPB/R	112,770	R	W0BA/R	13,570	R	K6M/R	234,346	R
NN3Q	48,950	R	AG4V/R	63,204	R	VE3SMA/R	87,912	R	KD0S	9,301	R	K6AH/R	209,935	R
W1AUV/R	39,695	R	K54S	5,605	R	W9SNR/R	42,959	R	KE5GAQ/R	2,910	R	W6XD/R	184,008	R
AA11/R	25,032	R	W9WI	5,376	R	KF8QL/R	18,564	R	KE5EXX/R	2,511	R	W6DX/R	173,880	R
WA2IID/R	22,113	R	N4TZH	1,484	R	N8OC	10,564	R				K6GEP/R	97,940	R
K1TR	69,433	RL	AD5OW/R	15,687	RL	K9JK/R	16,692	RL	AL1VE/R	168,846	RL	W6YLZ/R	76,416	RL
K2QO/R	38,720	RL	WA4JA/R	5,766	RL	K9ZF	11,680	RL	WA0VPJ/R	58,706	RL	AF6AV	30,268	RL
WB2SIH/R	9,604	RL	K6LMN/4/R	2,891	RL	K8DOG/R	7,776	RL	W0ETT	46,158	RL	K16CG	14,320	RL
KM3T/R	9,000	RL	AD4IE/R	1,200	RL	N9SS	1,216	RL	N5QGH	45,220	RL	N7CKJ/R	13,122	RL
AB2YI/R	2,976	RL	K4UUJ/R	144	RL	AC8HU/R	972	RL	N0QE/R	27,132	RL	N6ZE/R	9,639	RL
N3IQ/R	83,974	RU						KK6MC/R	43,860	RU	W6MTR	7,592	RU	
WA3PTV	61,750	RU						KC0P/R	5,194	RU	N6TEB/R	3,360	RU	
KC2IRO	864	RU						N0HZO/R	3,510	RU	NV6C/R	1,302	RU	
								N5AA/R	168	RU				

in the pool and see what it's like to swim in the contest. Although there is no one of the entry groups that can be credited with the greatest contribution to the activity, by sheer numbers those folks who operated casually and made a few dozen contacts certainly added to the fun of the weekend, especially when the propagation was favorable.

The 6 meter conditions in the central US gave a scoring advantage to those stations who kept that band working as much as possible. In first place in the SOLP category is Larry, N0LL in KS who scored 381,860 points. On the strength of his 6 meter 1174 contacts in 272 grids, combined with another 46 contacts on bands BCDE, he was able to beat his nearest competitor by 2000 points, about half of 1% of his submitted score. Rich, W5SXD in NTX took 2nd place with 379k. He had 117 more 6 meter QSOs and 273 multipliers but only 17 additional QSOs on bands BCD9E.

In first place in the Portable category was Wayne, N6NB. He sought to establish a new national, regional and sectional record and accomplished just that. Setting himself up in a strategically high location with a portable tower and outfitted with 10 bands, he

was able to amass 653 contacts with 186 grid multipliers for a 295k total. The cooperative strategy of the Southern California Contest Club rovers was no doubt the major contributor to his effort and score.

Multioperator Scores

The top scoring Limited Multiop team this year was a group in AR manned by several of the ARRL staff and the immediate past president, Joel Harrison, W5ZN. Joel reported, "Early preparations were hampered by abnormal rain and storms during the spring which turned to higher than normal heat leading up to the contest; however the local radio club pitched in to get everything ready just prior to the start. A great group of operators injected diverse contesting expertise into the effort that allowed the W5ZN team to maneuver through a weekend of obstacles that included lost operating time due to severe thunderstorms and loss of electricity, equipment failure and even the death of an immediate family member of one of the ops. A true team effort proved these complications can all be overcome and still put forth a winning effort." Their score was 687k based on a 6 meter

1090/298 total with plenty of contacts and grids on the other three bands. In second place the K9NS team in IL scored 633k, also capturing plenty of the 6 meter excitement in addition to 69 grids on 2 meters! The K8GP gang in VA placed 3rd with 506k, managing to find 451 contacts on 2 meters. Late Sunday afternoon they lost their commercial power due to storms and had to call it quits early.

The Unlimited Multiop competition seemed to line up as it has been for the past few years with perennial winner W2SZ in 1st place again with 1.183 million points. The 12-band effort with a mega-station atop Mt Greylock, one of the best VHF spots in the northeast, coupled with the population density of the area and their multiple rovers has kept this group in the leading spot in this category for many years. Snapping at their heels with a 1.017 million point score is the K5QE team, headed by Marshall in the STX section. Their 8-band station made use of the great 6 meter conditions with a 1421/302 band total. They also had 205/98 on 2 meters and 75/35 on 432 MHz, an impressive feat considering the wide open spaces of their geography.

Sponsored Plaque Winners

Thanks to the generous sponsorship of numerous clubs and individuals, we are pleased to announce the winners of a sponsored ARRL June VHF QSO Party plaque. The ARRL thanks the plaque sponsors for their continued commitment to the ARRL Plaque Program. Without their support and dedication, the Plaque Program would not be possible.

Plaque Category	Plaque Sponsor	Winner
Overall Single Operator Low Power	Society of Midwest Contesters	N0LL
Overall Single Operator QRP Portable	Dave Carlson, AA9D	N6NB
Overall Multioperator	Randy Stegemeyer, W7HR	W2SZ
Overall Limited Multioperator	K1TEO, W2GKR, W2GKO, KA1FVG	W5ZN
Atlantic Division Rover	Potomac Valley Radio Club	W1RT/R
Hudson Division Single Operator Low Power	From Jay, NY2NY – In Memory Of Dick, W2GFF	K2KIB
Northwestern Division Single Operator High Power	Boring, OR Amateur Radio Club	K7CW
Northwestern Division Single Operator Low Power	Mike Coogan, KB7ME	W7ID
Northwestern Division Multioperator	Randy Stegemeyer, W7HR	KB7Q
Roanoke Division Rover	Potomac Valley Radio Club	KS4S
Southwestern Division Single Operator High Power	W5UWB – In Memory of John Chambers, W6NLZ	N7CW

Un-sponsored plaques may be purchased by the plaque winner. If you wish to purchase an un-sponsored or duplicate plaque, please contact ARRL Contest Branch Manager Sean Kutzko, KX9X at 860-371-8877 or by email at kx9x@arrl.org. Plaques cost \$75 each, which includes all shipping charges.

Rover Activity

Despite varying weather and road conditions the rovers always seem to be in demand and having fun. The Classic Rover category is still the most popular and one third of them were equipped with 10 bands or more. Their contact totals on the microwave bands account for a large percentage of all of the contest activity in the centimeter wavelengths. Because so many of the fixed stations kept their band switches on 6 meters, in many instances rovers had to plead with other stations to “run the bands.” Again, the Southern California Contesting Club rovers were out in force; using their scheduled travels over 10 grids and neat “bands in a box,” they captured the top four spots in this category.

The Limited Rovers are challenged to use only bands ABCD; most of them made use of the four bands although there were several entries in this category with only two or three bands, often dropping 222 MHz or 432 MHz. With 40 entries in this category, it remains quite popular and is a good entry category for operators with a multi-band rig who want to get on the road, provide plenty of action for many of the fixed stations and see what propagation they can find from different locations. Topping the 40 entries was Tim, AL1VE centered in CO who managed to capitalize on the 6 meter activity with 781/205 and only 5 contacts across the other three bands for a score of 169k. In 2nd place was another SCCC rover, Mike, W6YLZ who covered 10 grids and scored 76k.

On to the Unlimited Rover category — those who declared themselves as “Unlimited” and those who did not fit the rules of the other two rover categories. There were 10 entries in this category; the team of Brian, ND3F and David, N3XUD operating the N3IQ rover were first in this category with 84k using 6 bands across 7 grids. Joe, WA3PTV from WPA was second with 62k based on a 10-band effort in 4 grids. Third place was earned by Jim, KK6MC from NM with a score of 44k from a 5-band effort, heavily weighted with 6 meter contacts and grids.

Band Designators

Designator	Band	Designator	Band
A	50 MHz	I	10 GHz
B	144 MHz	J	24 GHz
C	222 MHz	K	47 GHz
D	432 MHz	L	75 GHz
E	902 MHz	M	119 GHz
9	1296 MHz	N	142 GHz
F	2304 MHz	O	241 GHz
G	3456 MHz	P	Light
H	5760 MHz		

Club Competition

The club competition is important; there is subtle peer pressure to get the maximum number of potential club participants for an aggregate club score. There were 541 logs in total for all the club entries or about half of all the participants, considering that there were Multiop stations that added into the club scores. On a roll for the past few years, the Society of Midwest Contesters picked up another first place as the uncontested leaders in the Unlimited Club category. They managed to get 73 member logs for a 2.2 million point club total.

There were 33 entries for the Medium Club category. The Potomac Valley Radio Club won top spot in this section with 39 entries and a total of 2.1 million points; two strong Multiop stations, K8GP and W3SO, are major contributors to their success.

The Local Club category had 14 entries; the Mt Frank Contesters in Illinois were first with 4 logs and 673k.

The Future

Next year’s June VHF QSO Party will be held on June 9-11, 2012 and there is no doubt that many of you have already booked the time and are already making preparations. The challenge will be to introduce some newcomers to the fun and activity and make them feel part of the broader VHF community. Various websites and the VHF contesting reflector are always great sources of assistance for all types of questions or ideas, as well as for buying and selling used radio gear. Most VHF radio clubs have well organized websites and they are good local

Affiliated Club Competition

Club Name	# of Logs	Score
Unlimited Club		
Society of Midwest Contesters	73	2,197,185
Medium Club		
Potomac Valley Radio Club	39	2,119,961
Southern California Contest Club	22	1,839,996
Grand Mesa Contesters of Colorado	15	1,723,169
Florida Contest Group	18	1,665,347
Mt Airy VHF Radio Club	24	1,394,628
Northern Lights Radio Society	15	1,270,653
Nacogdoches ARC	7	1,047,246
Central Texas DX and Contest Club	7	1,035,743
North East Weak Signal Group	18	854,814
Arizona Outlaws Contest Club	26	842,156
Contest Club Ontario	20	529,900
Yankee Clipper Contest Club	16	401,233
Pacific Northwest VHF Society	18	353,813
South East Contest Club	14	352,588
Badger Contesters	12	315,251
Tennessee Contest Group	16	301,848
Roadrunners Microwave Group	4	292,953
Northern California Contest Club	23	205,237
North Texas Microwave Society	5	183,462
Minnesota Wireless Assn	12	155,564
Utah DX Assn	4	139,740
Alabama Contest Group	10	117,489
Louisiana Contest Club	4	114,692
Mad River Radio Club	6	77,456
Carolina DX Association	10	72,682
Frankford Radio Club	5	65,496
ORCA DX And Contest Club	4	32,400
Willamette Valley DX Club	3	24,046
CTRI Contest Group	3	17,801
Western Washington DX Club	3	17,391
Hilltop Transmitting Assn	4	12,117
Contest Group Du Quebec	4	8,274
Alaska VHF-UP Group	3	634
Local Club		
Mt Frank Contesters	4	673,128
Murgas ARC	4	495,034
Lone Star DX Assn	5	486,816
Chippewa Valley VHF Contesters	3	242,496
Florida Weak Signal Society	10	236,933
Eastern Connecticut ARA	3	164,263
Spokane DX Association	4	114,328
Bristol (TN) ARC	8	83,961
Stoned Monkey VHF ARC	7	56,952
Bergen ARA	8	53,879
Delara Contest Team	4	28,146
Raritan Bay Radio Amateurs	5	22,081
Portage County Amateur Radio Service	5	18,836
Burlington County Radio Club	4	6,122

resources for amateur operators seeking membership or assistance with their projects or station building. It is also a delight to see your posts on various reflectors including your station pictures in the ARRL contest Soapbox. (www.arrl.org/soapbox).

In Conclusion

I am grateful to my wife Jani, who serves as editor of these articles and to Curt, K9AKS for assisting with the contest records research. Thank you both.

Now back to the original answer I posed at the beginning: Dreams, Schemes and Themes! The question inside Carnac’s envelope: Name three things that VHF operators enjoy before, during and after the June ARRL QSO Party.

