

Results, 1981 ARRL September VHF QSO Party

By Bill Jennings,* K1WJ and Mark Wilson,** AA2Z

Uhf operation during the vhf contests is becoming an ever-increasingly important part of the serious vhf contester's operating strategy. Gone are the days when just a very few vhf contesters, those who were considered uhf experimenters — pioneers if you wish — would spend a good portion of a vhf contest weekend lovingly tuning a homebuilt converter, hoping to hear something more than that sterile "hiss" of a dead 220- or 432-MHz band.

Time was in a September VHF QSO Party when you could rely on those few extra multipliers found on 6 meters to nullify your crosstown rival's superior 2-meter QSO total in a heated competition for an ARRL Section contest award. Times *have* changed. Nowadays, a serious vhf contester has to have more ears than a Kansas cornfield and more arms than an octopus to make sure that he/she is on the "right" band to maximize the QSO rate *and* to work all possible multipliers on each band used.

Let's use the results of the 392 entries received for the 1981 September VHF QSO Party, held on the weekend of September 12-13, and the numbers from the 372 logs submitted for the 1980 September contest, to illustrate the increasing use of the uhf bands in the vhf contests. In 1980, 37% of the entrants indicated any type of activity on the 220-MHz band, while in 1981 that percentage crept up to 40%. The 432-MHz band was used by 45% of the 1980 entrants, and the numbers crossed the half-way barrier to better than 52% usage by those stations reporting their activity in 1981.

It was in part because of his use of the 220-MHz band that Bill, K5MAT, was to break the long-standing Rocky Mountain Division single-operator record for the September contest, one of 12 new division records set in 1981 (seven single operator and five multioperator). The old Rocky Mountain Division Record of 546 points, set by W0EVZ in 1964, was remarkable in that it stood for 17 years. Had K5MAT not included 220-MHz capabilities in his contest arsenal, his score would have fallen 47 points short of setting a new record.

If we compare multipliers and numbers of QSOs per band for the top scorers in both the 1980 and the 1981 September contests (see January 1981 *QST*, page 82, for the 1980 contest results), we find a noticeable increase in the numbers of QSOs and multipliers worked by stations in call areas where uhf participation in the past has been very light or nonexistent. In Nevada, where in contests past 10 or so QSOs would have been the limit on 432, we find WA7JUO with 19 70-cm contacts in the log. And K0TLM's two multipliers on 220 MHz are

two more than the top W0 station had even one year ago. Well done.

WA4WZQ sums up the vhf contester's attitude toward the seemingly perpetual advancement in utilizing ever-higher frequency bands with this statement: "We want to thank all of our 'four-band' contacts. Please, let's make it 'five-band' QSOs with 1296 next time."

You've probably noticed that with the results of each successive recent vhf contest, a few more stations have those E, F, G, H and I designators indicating the use of the microwave bands at 1296 and above. It is probably safe to say that in studying the recent past history of the use of uhf bands in vhf contesting, we would be seeing a parallel to the near future use of the microwave frequencies by vhf contesters.

The VHF Sweepstakes is on for the weekend of January 12-13. See the December 1981 issue of *QST* for details. Good luck.



WA8ONQ (N8BPB in background), leader of the multiop group of the same call sign in Ohio that now holds the all-time multioperator division record for the September contest in the Great Lakes Division.

Top 10

Single Operator	Points	Multioperator	Points
WA2DPU	64,504	W2SZ/1	205,530
WA2FGK/8	50,298	WA2SNA	95,504
WB3CDE	47,502	W4BFB	86,880
W8DJY	38,226	K1TR/1	86,031
K1PXE	31,533	WA8ONQ	77,952
KA1BRD	30,660	W8VP	72,770
K3SXA	29,877	W9IP	69,276
WB1CJT	26,688	K9HMB	68,684
K1FWF	23,973	K3YTL	68,580
WB2WIH	21,888	K3MTK	67,760

Division Leaders

Single-Operator	Division	Multioperator
WA2DPU*	Atlantic	K3YTL
K9RO	Central	W9IP
W0VB*	Dakota	WB0ZAH
WA5FDF	Delta	W4BFB*
W8DJY*	Great Lakes	WA8ONQ*
WB2WIH	Hudson	WA2SNA
K0TLM	Midwest	WB0ZKG
K1PXE	New England	W2SZ/1*
WB7JUP	Northwestern	WA7ECY
K6GSS	Pacific	W9DHK
WA2FGK/8*	Roanoke	K3LNZ/8
K5MAT*	Rocky Mountain	AA0P
WA4NJ*	Southeastern	WB4NMA
N6NB	Southwestern	N6MI*
KC5WX*	West Gulf	N5CG
VE3CRU	Canadian	VE3LNX
C6ADV	DX	XE2XW*

*Indicates new division record

Call-Area Score Leaders QSOs/Multipliers per Band

	50 MHz	144 MHz	220 MHz	432 MHz	1296 MHz
K1PXE	20/8	132/20	49/15	75/19	19/7
W2SZ/1*	382/38	472/23	123/22	173/25	33/12
WA2DPU	133/27	251/21	104/12	188/19	19/9
WA2SNA*	198/22	356/23	105/19	96/22	20/8
WB3CDE	111/23	270/21	59/16	55/18	—
K3YTL*	234/30	290/23	64/20	55/17	—
WA4SBC	21/10	88/18	28/14	62/17	—
W4BFB*	281/33	599/22	46/10	57/15	—
KC5WX	30/5	140/6	15/1	51/7	3/1
N5CG*	121/27	182/16	—	15/5	—
N6NB	46/11	165/11	61/6	37/10	14/6
N6MF*	87/8	357/11	72/5	30/5	8/5
WA7JUO	14/5	67/6	—	19/6	—
WA7ECY*	7/1	3/1	2/1	2/1	—
WA2FGK/8	131/26	387/32	28/15	16/10	—
WA8ONQ*	204/37	343/30	62/11	48/11	7/4
K9RO	51/20	161/15	20/8	17/6	3/1
W9IP*	160/36	374/25	36/16	74/15	—
K0TLM	43/15	59/10	5/2	17/8	—
W0RT*	10/4	104/11	2/2	16/7	—
VE3CRU	51/10	114/20	30/10	41/9	9/5
VE3LNX*	73/12	109/17	30/11	31/10	—

*Communications Assistant, ARRL
**Assistant Communications Manager, ARRL

*Multioperator stations

All-Time Division Records

		Single-Operator			Multioperator		
		Call	Score	Year	Call	Score	Year
Atlantic	Jan.	WA3AXV	80,770	81	W3KKN	52,272	81
	June	K3SXA	45,144	81	W3CCX	240,380	81
	Sept.	WA2DPU	64,504	81	K3MTK	74,046	80
Central	Jan.	K9RO	30,080	80	K9HMB	72,424	81
	June	W9IP	90,797	81	K9HMB	136,656	81
	Sept.	GW3NJY/W9	35,310	79	W9IP	84,739	79
Dakota	Jan.	W0RGU	16,000	81	K0VXM	7830	79
	June	K0VXM	29,127	80	W0SD	89,782	81
	Sept.	W0VB	3276	81	K0SE	10,492	79
Delta	Jan.	WB4JGG	16,884	80	WB4HEL/4	8880	73
	June	WB4JGG	36,936	80	W4BFB/4	74,404	78
	Sept.	WB4JGG	28,424	79	W4BFB	86,880	81
Great Lakes	Jan.	K8LEE	41,080	76	K8III	80,984	79
	June	WA8TTS	38,064	79	WA8ONQ	111,111	80
	Sept.	W8DJY	38,226	81	WA8ONQ	77,952	81
Hudson	Jan.	WB2WIK	63,070	80	K2XR	76,000	81
	June	WA2FGK/2	61,903	81	K2XR	203,218	81
	Sept.	WB2WIK	54,202	79	K2XR	142,006	80
Midwest	Jan.	WB0ZKG	16,776	81	K0VUY	14,196	76
	June	W0TEM	30,304	80	W0OHU	68,796	79
	Sept.	N0IS	24,119	79	K0TLM	7470	79
New England	Jan.	WA1MAO	55,130	81	WA1RWU	76,416	81
	June	N6NB/1	86,254	80	W1FC	315,582	81
	Sept.	N6NB/1	102,795	79	W2SZ/1	205,530	81
Northwestern	Jan.	WA7KYZ	10,296	79	WB7DTI	10,008	81
	June	KB7WW	26,649	81	N7DB	42,210	81
	Sept.	WA6JUD/7	4056	76	WA7NAN	8759	75
Pacific	Jan.	WA6JUD/6	23,868	76	WA6BMV	24,814	77
	June	N6NB	69,184	77	WA6JUD/6	81,213	76
	Sept.	WA6JUD/6	24,640	77	WB6KBZ/6	31,995	78
Roanoke	Jan.	K3ICH/4	23,744	80	W4BFB/4	27,392	80
	June	N6NB/8	84,780	81	W2CNS/8	152,934	81
	Sept.	WA2FGK/8	50,298	81	W4BFB	190,210	79
Rocky Mountain	Jan.	N6NB/7	6120	80	WA0PHZ/0	8062	68
	June	WA0TVZ	22,935	77	N0BRI	33,930	81
	Sept.	K5MAT	900	81	N0KV	2970	79
Southeastern	Jan.	W4GDS	26,400	73	W4VO	18,966	78
	June	WB4OSN	55,380	80	WA4OYH	85,500	80
	Sept.	WA4NJP	13,939	81	W4VO	24,426	79
Southwestern	Jan.	N6NB	25,880	79	N6NB	46,750	81
	June	K6YNB	60,342	76	W6AMT	105,080	76
	Sept.	K6YNB/6	34,013	76	N6MI	22,848	81
West Gulf	Jan.	K5CM	14,100	78	K5CM	14,910	81
	June	WA5HNK	34,151	77	K5LZO	92,106	80
	Sept.	KC5WX	6220	81	K5CM	18,630	78
Canadian	Jan.	VE1ASJ	21,156	79	VE1DXA	13,266	79
	June	VE2DFO	37,410	81	VE3ONT	82,188	74
	Sept.	VE3ASO	18,816	73	VE3ONT	43,413	74
DX	Jan.	C6ADV	120	81	—	—	—
	June	W2BN/C6	18,700	77	VP5AA	29,526	80
	Sept.	JA1RJU	8	79	XE2XW	114	81



AAZZ gave up the creature comforts of beautiful Connecticut to try his hand at mountaintopping from the wilds of western Massachusetts.



The WA2FGK mobile, ready to roll into West Virginia and to roll out again with the number two single-operator score in the contest.

multiband capable stations in Duluth and even farther north (WB0ZAH). 220 ssb/cw proved worth the effort, netting us half of our 220 multipliers, some of which we wouldn't have worked on fm. Our 4 watts on 220 was more than enough to snag KY, OH and WV (WD4MBK/WB4NMA). Came out with both barrels blazing when we experienced "contestus interruptus" (K1CE). Unbelievable signal from WA7JUO. Strongest signal that I've ever heard from Nevada (N6BXP). Our 2-meter station was really flaming. An operator in Cleveland reported that we were as loud as his locals. And we can hear, thanks to our locally designed GaAs-FET preamp. Two additional "Boomers" lounging in the cellar should produce an awesome signal in '82 (there's even a 4CX1000A waiting in the wings) (W3GNR).

FEEDBACK

Please refer to page 82 of January 1981 QST for the following corrections. In the Washington Section, KB7G/7 should be listed as the multiop section winner (not single operator), with KB7B, N7AYI and WB7RTG assisting KB7G. In the Ohio listings, adjust the linescore of KD8Z to read 3243-141-23-AB.

Please refer to page 82 of September 1981 QST for the following correction. N7DB/7 (not K7AUO), with a score of 42,210, should be listed as the multiop leader and the new all-time division record score in the Northwestern Division. The All-Time Division Leader Box with this report reflects this change.

SOAPBOX

Having worked the last four vhf contests exclusively on 2-meter cw and ssb running about 80 watts, I feel that the scoring system is not fair to the single operator. I think that awards should be made to those stations that score the most points on each band (VE3BZE). Worked three "new" states on 220 — TN, MA and KY (N4CD). A grid locator system would encourage vhf enthusiasts to aim their antennas this way! 90% of those stations that I worked were off the back or side of their antennas. Think what would have happened had there been an incentive to point those antennas into the "wilderness" (KA1SY). No Es or extended tropo — really the pits! (W5UWB). Since my station is weighted toward the uhf side, I was very happy to see 6 meters dead in this area and pleased to

be on hand for a modest opening on 1296. Best DX — W2SZ/1 at 496 miles on the 23-cm band (WA8TXT). This contest can be summed up in three letters — UGH! Oh, the sections were there for the taking — I had 19 sections in less than four hours. I seem to be quite lucky in getting Maine (I even wound up with two Maine QSOs) (WB2CUT). I am still patiently waiting for 6 meters to open up — 9/23/81 (WD4PKZ). The enclosed log sheets for the recent September VHF QSO Party are just another piece of evidence to prove the "Black Hole" theory that exists between Lake Michigan and the Missouri River (AE9M). I believe that there should be no time limit on 220-MHz fm. There is not enough activity on 220 to justify this limitation (WA1PLS). Sure would be nice if more vhfers realized that there are Minnesota stations north of Mpls./St. Paul. We do have several

Scores are listed in order, single-operator stations first within each section. From left to right: call, score, number of QSOs, number of multipliers, bands operated (A-50 MHz, B-144 MHz, C-220 MHz, D-432 MHz, E-1296 MHz, F-2.3 GHz, H-5.7 GHz, I-10 GHz, J-24 GHz).

U.S.A.

AK4L/1	8988-183-42-ABCDI
KA1BXB	8918-157-49-ABCD
K1EM	6513-145-39-ABD
W1FAJ	5280-120-32-ABCD
WA1ZNT	2668-116-23-AB
WB1EY1	2574-138-18-BC
WA1GTP	1242-54-23-AB
WA1ZEK	684-76-9-B
W1GNC	510-51-10-B
W1AW (AAZ, opr.)	204-27-6-BD
WA1POI	125-21-5-ABC
K1WJ	54-9-3-C
KA1IGY	35-7-5-A
W1VD (+K1JX, K1ZZ)	51,136-673-68-ABCDI
W1QK (+KA1TD, W1PV, WA1WXV, WB1S CVW EZL)	34,221-480-61-ABCD
K1MUJ (K1S GX UQE, KB1H, WA1S BZS DWE HYN, opr.)	10,592-331-32-AB
W1BVR (+KA1SK)	444R-208-31-AB
K1CE (+KB2GG, N1XZ, WA1VEI)	936-47-18-ABD

Eastern Massachusetts

K1FWF	23,973-315-61-ABCD
N1AIS	8525-242-31-BD
W1GXT	6897-153-33-BCDE
WB1FKF	6346-113-38-BCDE
KA1DHO	4350-127-30-ABCD
K1GVM	3828-116-29-ABD
WA1JOF	3060-170-18-B
W1FM	2244-95-22-ABD
KA1AMR	744-62-12-B
WA1YKN	624-52-12-B
W1XM (W1XG, N2ME, WA4TTG, oprs.)	39,075-399-75-ABCD
N1BLI (+N1BCG)	2070-138-15-B

Maine

K1TOL	5511-167-33-A
W1BJ	1540-97-14-BD
K1BZ	126-21-6-B
KA1SY	114-19-6-B

New Hampshire

WB1CJT	26,688-322-64-ABCD
W1EJ	18,966-241-58-ABCD
AF1T	17,287-229-59-ABCD
AC1J	3404-133-23-ABCD
KA1CDZ	2134-97-22-AB
W1HNZ	350-35-10-B
WA1GDR	350-35-10-AB
W1ICU	242-22-11-B
KA1FTG	234-26-9-B
WA1YKM/1	6-3-2-A

Rhode Island

KB2M/1	14,664-246-52-ABCD
W1AJR	4674-105-38-ABCD
W1BAT (K8BGZ, opr.)	3740-187-20-B
K1DS	588-42-14-AB
K1WJ/1	16-4-4-B
AJ1E/1 (+KA1CXC, WA1AYS, WA2JHR, WB4RVA)	21,420-307-60-ABCD

Vermont

K1LPS	5017-173-29-AB
W1AIM	4956-99-42-ABCD
W1TKZ (K1S OGF TK UR, N1ACN, N2AWG, WA1S PQY ZL Q, WB1BUM, oprs.)	60,138-658-78-ABCDI

Western Massachusetts

AC1T	6882-152-37-ABCD
WA1PLS	4840-180-22-BC
AA2Z/1	3968-107-31-ABCD
WA1VCU	2280-101-20-BD
W1JP	960-60-16-AB
K1B	884-52-17-AB
WA1UOL	434-31-14-AB
K1GXU	220-22-10-B
W2SZ/1 (K1DH, WA1UE, WB1CBH, AG2X, K2S MM UF, WR, WA2S AAU SPL, WB2S, CFP JLR PKO GCJ, KL7JT.	

N8AFM, WA8USA, oprs.)
205,530-1197-130-ABCEDE IJ
K1TR7 (+K1s BA SA, N1BEM,
W1OOP, WA1s PBU QWF VFJ)
86,031-930-79-ABCEDE
KA1APR (+KA1A V, WA1R U)
7546-343-22-B

WB3JYO (KA3s EEX FOG HTI
HUS, N3s BBV BHP BOO, W3ICC,
WA3YUE, WB3DN)
27,018-408-57-ABCD
W3AD (K3s HEC SZY, N3BCZ,
W3CWE, WA3s HMK PHL, WB3s
BNB CSV, oprs.)
24,360-393-56-ABD
K3HP (+KB3HE, WB3IIQ)
WB3CHS
20,500-362-50-ABCD
W3PL (W3s GFN IJ U, W3CUQ
oprs.)
8473-229-37-AB
A13Q (+K3s BS JSZ PQI TRM
KA3CAP, WB3s FNZ KNJ)
6688-176-38-AB

WB5JAR 1260-60-21-AB
NSDL (+K9DSJ, WD5s CAN CAP)
10,350-194-46-ABCD

Louisiana
W5EW/5 715-65-11-B
WA5WPO 165-11-11-ABD
WA5YOU (+WB5NIF, WD5CZ2N)
1034-39-22-ABCD

Mississippi
W5RCI 1380-56-20-BCD
W5UCY 928-55-16-ABD
WD5IKD 533-41-13-B
K5BZU 435-29-15-AB
WD5HLD 117-13-9-AB

New Mexico
K5MAT 900-125-6-ABC
WD5GNW (+W02YV)
287-41-7-AB

Northern Texas
KC5WX 6220-239-20-ABCEDE
K51ZE 357-37-7-ABD
KA9JW/5 201-67-3-B
WD5IBM (+KA5s FKH FLE)
K5WJX 2745-158-15-ABCD
AD5I (+WB5KTC)
2436-188-12-ABD

Oklahoma
K5SW 720-49-12-BD
K5WE 580-58-10-B
W5NZS 315-35-9-ABD
AA5V 135-27-5-B
N5CG (+K5CM, N5KW)
15,984-318-48-ABD

Southern Texas
KC5GB 2128-101-19-ABD
WD5ERG 378-46-7-ABD
K5BZU 210-42-5-B
W5UWB (+WA5TBE)
1650-85-15-ABDE

East Bay
N6AMG 6230-125-35-ABCEDE
W6ZEP 3480-192-24-ABD
WB6NAC 765-85-9-B
WA6LHD 561-51-11-B
W6DHP (+G4KAH, WA6LGN,
WB6WML) 7176-222-26-ABCD

Los Angeles
N6BXP 7429-323-19-ABC
W6PFE 4029-193-17-ABCD
N6CA 252-14-6-E
WA6EKR 44-11-4-B
N6MI (+AD6C, AE6E)
22,848-554-34-ABCEDE
K6BPC (WA6s HXD PZL,
WB6VYP, oprs.)
7462-239-26-ABCD
KC6A (+AA6DD, K6LPP)
6422-155-26-BCDE

Orange
K6PVS 2655-156-15-BD
W6MFO 814-74-11-B
N6ME (+K6KTS, KA6s ART DGD
OXP, N6s DBF DNH, WA6PMX,
WD6GSH) 17,503-63-23-ABCD

Sacramento Valley
W6SFH (+WA6KOD)
1278-44-18-BDE

San Diego
WB6NMT 4482-106-27-ABCEDE
K6LMM/6 3072-218-12-BC
K56A 803-54-11-BD
W6T1K 660-39-12-ABC

San Francisco
WA8LLY/6 759-69-11-AB
WA6KLK (+N6EEK, NA6T,
WB6KFA, WD6FGX)
4563-149-27-ABCD
N1AL/6 (+KD6E) 1536-83-16-ABCD

San Joaquin Valley
W6YKM 10,127-180-41-ABCEDE
K6JKQ 6303-124-33-ABCEDE

Santa Barbara
N6NB 20,340-324-45-ABCEDE
K6BXG 11,640-313-30-ABCEDE
K6ELG 1652-102-14-ABD
K6MFP (KA6MIMC, N6AFY, WA6s
DJS FFX, oprs.)
11,622-348-26-ABCEDE

Santa Clara Valley
K6GSS 11,592-241-36-ABCEDE
K1R/6 850-257-30-ABCD
W6XN 3634-89-23-BCDE
WB9AJZ/6 984-68-12-BC
WB2SZK/6 100-17-5-ABC

Alaska
KL7WE 339-101-3-ABD
WB4WXE/KL7 4-2-2-AB

Arizona
K1VOW 495-41-11-ABD
K2DNR/7 318-45-6-BE1

Nevada
WA7JUU 2023-100-17-ABD
K7ZOK 637-45-13-ABD
WA0YPL/7 75-15-5-AB

Oregon
W7TYR 1308-79-12-ABCEDE
K7HSJ 1034-70-11-ABCEDE
W7UDM 440-45-8-ABDE
WA7AWJ 102-51-2-AB
WA7ECY (+N7DB)
90-14-5-ABCD

Utah
WA7ADK 220-21-10-ABD
N7BHC 116-23-4-ABCD

Washington
WB7UUP 1562-125-11-ABCD
K7ND 1528-90-14-ABCDI
W7ERH 60-20-3-B
W7IDZ 54-9-6-AB
WB7ATP 4-2-2-B

Wyoming
WA7KYM 51-17-16-A

Michigan
WD8BRE 2808-117-24-AB
WA8RUJ 1680-112-15-B
WB8KN 1248-104-12-B
WB8CAP 784-56-14-B
550-55-10-B
WB8AA 500-38-10-ABD
K8LZF 294-21-7-CD
KA8BCL 248-31-8-B
WB8TGY 224-23-8-ABC
KA8GMJ 105-15-7-AB
WA8ZCO 54-9-3-D
WB8MJQ (+WB8DSV)
5684-203-28-AB

Ohio
WB8DJY 38,226-449-69-ABCEDE
WA8XTX 15,960-163-57-ABCEDE
K8NXX 14,442-208-58-ABCD
K8DJO 6720-149-35-BD
WD8CTX 5022-141-31-ABCD
N8CSL 2960-185-16-B
K8DBZ 2484-119-18-BD
K8D 2162-65-23-BCD
N8AXA 2142-95-18-ABCD
WB8RV 1494-83-18-B
WB8MSF 1156-68-17-AB
WA8GMT 1050-75-16-A
WA8SVV 855-57-15-AB
K8WW 792-24-11-E
WB8LCY 300-30-10-B
K8IF 180-20-9-B
WB8BG 144-12-12-B
WA8ONQ (+WA3OJX, N4AMG,
K8VIV, N8BR, WA8s NJR OGS,
WB8GY, KA8IC, W8OEI)
77,952-672-96-ABCEDE
WB8V (K8AL, KA8s AMF DFX LBO,
N8BOB, W8UA, W8s PR ULC,
WA8FH, WB8CPJ, WB8s
DQE ERB NFJ TSI WB8YCYZ,
WB8JYL, oprs.)
72,770-649-95-ABCD

West Virginia
WA2FGK/8 (K2LNS, opr)
50,298-562-83-ABCD
KJ8J 1216-76-16-B
WBUT 1020-51-68-BD
WBAC 468-21-12-BD
K3LNL/8 (WA3s EOQ NZL OYW
W4PSJ, oprs.)
32,777-380-73-ABCD
K8SA (+K8BYZ, K8BCY, K8CFI,
WB8s NVX UBK, WD8MCR)
1190-85-14-B

Illinois
K9RO 14,750-252-50-ABCEDE
WB9SNR 8540-144-35-BCDE
AE9M 5820-173-30-ABD
WB9NLP 3002-41-19-BD
WB9WMM 2208-96-23-AB
WD9COL 1080-72-15-AB
AF9R 680-34-10-D
WB9EM 8-2-2-B1
W9IP (+K9s AKS VV, KA9KPK,
W3EP, WA9YLB)
69,276-643-92-ABCD
K9HMB (+K9s GL PW RS, WB9s
CAS TIY, WA7CJO, WD9DCL)
68,684-737-77-ABCEDE
AA9D (+WB9s TQQ VDV)
11,711-205-49-ABCD
WB8HUC/9 (K8BJL, K18B, WB8s
GUE GEX GEY GFA, oprs.)
8645-213-35-ABCD

Indiana
WB9NTL 8732-198-37-ABCEDE
WD9EME 3696-114-28-ABCD

N9AZC 3125-125-25-AB
WA9PKL 720-39-16-ABD
WB9KYE 105-15-7-A
W9YDP 28-7-4-B

Wisconsin
WA9KGG 3540-97-30-ABCD
K85NM 2212-158-14-B
N9CJO 560-56-10-AB
WA9LZM 341-31-11-AB
W9HR 322-32-7-BD
K9XY 182-21-7-ABC
W9NAW 126-18-7-A
K9GDF 2-2-1-B

Colorado
WD9DJU 148-31-4-ABC
WD9BZA 108-22-4-ABC
N9CGO 24-12-1-B
WB7VMQ 21-21-1-B
AA9P (+KA9ICN, K86GY,
N9CAR, WD9HU)
620-119-5-ABD
W9IA (W1XE, WA5FN, W06DRT,
KA9DXM, N9AWZ, N9MC,
W9JF, oprs.)
120-36-3-ABC

Iowa
W9RAP 432-27-8-D
N9BD/9 420-41-10-ABC
WB9ZQ (+KA9P)
5890-154-31-ABCD

Kansas
WB9ISW 1230-67-15-ABCD
AE9G 405-45-9-B
N9LL 348-29-12-AB
K9VUA 88-22-4-B
W9RT (+W9QQA)
3600-132-24-ABCD

Minnesota
W9VB 3276-92-26-BCDE
W9XG 2184-104-21-AB
W9CHU 630-35-9-B
WB9GGM 324-36-9-AB
WB9ZAH (+AF9T, KA9KWA,
K9JLC, N9BNG)
1326-102-13-AB

Missouri
K9TLM 5110-124-35-ABCD
W9RWH 4800-173-24-BD
W9W 2340-73-26-ABD
K9GR 1095-72-15-ABD
WA9NOK (+W99ITA)
3475-122-25-ABCD

Nebraska
N9AJU 1050-75-14-AB
KF9Y 15-5-3-B
WB9IUT (+KA9s DJW JLT,
WA9WRI, WB9DGF)
1620-79-18-ABD
WD9BQM/9 (+KA9CRI, W9KAV)
78-13-6-AB

South Dakota
K9UDZ 84-11-7-ABD

VE

Maritimes - Newfoundland
VE1UT 168-13-8-BD

Quebec
VE2BBK 3737-75-37-ABCD
VE2BXF 546-39-14-AB
VE2CUA (VE2s DPH UD, oprs.)
114-19-6-B

Ontario
VE3CRU 18,036-245-54-ABCEDE
VE3FG 6732-187-36-AB
VE3ASO 6520-163-40-AB
VE3BZE 1157-89-13-B
VE3EMS 440-20-11-C
VE3DSS/3 54-6-6-AC
VE3LNX (+VE3s ADJ LIZ, oprs.)
15,200-243-50-ABCD
VE3UOT (VE3BCZ, VE3HTT, oprs.)
1352-111-12-ABD

British Columbia
VE7BLF 648-38-12-ABCD
VE7AS 416-39-8-ABCD

DX

Bahamas
C6ADV 1-1-1-A

Mexico
XE2XW (KA5DTS, W5XW,
WA5NAD, oprs.)
114-57-2-B

Check Logs
K1KA
WA5VJB
WB8KAY

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Eastern New York
W2CRS 20,510-216-70-ABCEDE I
WA2TIF 12,996-322-36-BD
K2GSF 1854-103-18-BCD
W2GHR 136-8-8-B
W2GKR (+KA1FVG)
5130-125-38-ABCD

New York City - Long Island
WA2YWP 12,360-288-40-ABC
K2QVS 11,100-185-50-ABD
N2BFJ 9072-209-42-ABC
WB2CM1 8200-205-40-AB
WA25LY 4984-178-28-AB
KB2WS (+K2CGI)
3584-141-24-B

Northern New Jersey
WB2WIH 21,888-284-57-ABCD
KA2BTD 14,112-236-48-ABCD
N2BMM 9633-193-39-ABCD
N2CG 7680-149-40-BCD
WA2CWA 6240-195-32-AB
W2VC 5984-86-32-CDE
WB2CLUT 4620-231-20-B
WB2ONA 4256-73-38-ABCEDE
WA2UDT 3689-119-31-AB
KQ2F 3150-95-25-BD
WB2LKL 2761-75-94-BCDE
W2TC 2546-134-19-B
WB2TMD 2160-90-24-AB
WA2ALM 1904-119-16-B
KA2GQQ 1008-72-14-B
WA2SNA (K2BJ, N2s AAZ CIA,
CTI W2s FPM LVT RS,
WA2UPK, WB2RFB, WD2AAI, oprs.)
95,504-775-94-BCDE
N2BOW (+KA2s MKD NMS, N2s
BMP CEI)
27,633-382-61-ABCDI
K4BNC (+W4AVP)
1386-63-22-AB

Western Pennsylvania
WA3DJG 4488-176-24-ABD
K4CXS 408-34-12-AB
W3GNNR/3 KA3s AWL DEO DWR
WA3s BUX FFC JBY UKE, oprs.)
33,361-385-73-ABCEDE
K3HKK K3BIE KA3s DBO DBT
DGT GJC, LA4LN, N3s BAO BBH
BPY WS, WA3WNE, WB2LOU,
WB3AEI, WN3VAV, oprs.)
22,701-286-69-ABCD

Alabama
WA4CQG/4 7872-151-48-ABCD
WA4VUG/4 3-3-1-B

Georgia
WA4NJP 13,939-236-53-ABCD
K4CKS 7920-188-40-ABC
NA4I 735-49-15-AB
AK4T 48-8-6-A
WB4NMA (+W4D4s JQV MBK)
15,912-264-52-ABCD

Kentucky
KC4EG 1584-36-36-ABD
N4EPF 1022-73-14-B
KA4OZQ 672-48-12-BD
WA4MU 273-37-7-8D
WD4EKA (+KD4E1, W4VBH, WA4s
CKC CUS DHG KMG KYS OVG
PYX, WB4IDK, WD4s AFZ GSM)
27,420-405-60-ABCD
WA8LXJ/4 (+W4D8ISK)
14,575-224-55-ABCDI

North Carolina
K4WQ 4536-104-36-ABD
W4ODS 408-34-12-AB
KA4HKK/4 280-35-8-B
WA4WZQ/4 (+K4YBC, WA3SBT,
WA4WZP, WD4s CXR GQU)
31,204-470-58-ABCD

Northern Florida
W5HUQ/4 4466-139-29-ABD
W4ODW 2775-92-25-ABCD

South Carolina
WA4LDU 3510-113-27-ABD
NA4D 1925-66-26-ABCD
NB4S 832-64-13-B
WD4PKZ 230-23-10-AB
K4GL 144-12-6-CD
AJ4N (+KJ4X, W4MJJ)
6864-202-33-ABC

Southern Florida
K1FJM/4 513-53-9-ABD

Tennessee
WA4GYK 1357-48-23-ABC
WA4PTZ 585-45-13-B
WA4DF5 281-29-9-B
W4BFB (AA4ZZ, AB4J, AK2F, K4s
LVV PDY RVW TP, KA4NNC,
KC4CD, KD4s IL PX, KK4L, KU4V
N4FJE, W4FKT, WA4s OJU VCC,
WB4s PCS TLX, WD4s ABZ AEI,
JWO, WN4GGH, oprs.)
86,850-983-80-ABCD
WD4DGF (+N4VC)
2398-109-22-AB

Maryland - D.C.
KA1GD 11,840-279-40-ABD
K3HCE 10,125-199-45-ABD
W3ZZ 9688-322-28-BD
K3AKR 8722-139-49-ABCD
W3OZ 2760-69-20-D
WB3CHS 2508-132-19-B
W3HX 1031-2-14-B
K3PNL 450-25-9-D
KB3QV 338-26-13-B
KA3FJV 210-21-10-B

Western Pennsylvania
WA3DJG 4488-176-24-ABD
K4CXS 408-34-12-AB
W3GNNR/3 KA3s AWL DEO DWR
WA3s BUX FFC JBY UKE, oprs.)
33,361-385-73-ABCEDE
K3HKK K3BIE KA3s DBO DBT
DGT GJC, LA4LN, N3s BAO BBH
BPY WS, WA3WNE, WB2LOU,
WB3AEI, WN3VAV, oprs.)
22,701-286-69-ABCD

Northern Texas
KC5WX 6220-239-20-ABCEDE
K51ZE 357-37-7-ABD
KA9JW/5 201-67-3-B
WD5IBM (+KA5s FKH FLE)
K5WJX 2745-158-15-ABCD
AD5I (+WB5KTC)
2436-188-12-ABD

Oklahoma
K5SW 720-49-12-BD
K5WE 580-58-10-B
W5NZS 315-35-9-ABD
AA5V 135-27-5-B
N5CG (+K5CM, N5KW)
15,984-318-48-ABD

Southern Texas
KC5GB 2128-101-19-ABD
WD5ERG 378-46-7-ABD
K5BZU 210-42-5-B
W5UWB (+WA5TBE)
1650-85-15-ABDE

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East Bay
N6AMG 6230-125-35-ABCEDE
W6ZEP 3480-192-24-ABD
WB6NAC 765-85-9-B
WA6LHD 561-51-11-B
W6DHP (+G4KAH, WA6LGN,
WB6WML) 7176-222-26-ABCD

Los Angeles
N6BXP 7429-323-19-ABC
W6PFE 4029-193-17-ABCD
N6CA 252-14-6-E
WA6EKR 44-11-4-B
N6MI (+AD6C, AE6E)
22,848-554-34-ABCEDE
K6BPC (WA6s HXD PZL,
WB6VYP, oprs.)
7462-239-26-ABCD
KC6A (+AA6DD, K6LPP)
6422-155-26-BCDE

Orange
K6PVS 2655-156-15-BD
W6MFO 814-74-11-B
N6ME (+K6KTS, KA6s ART DGD
OXP, N6s DBF DNH, WA6PMX,
WD6GSH) 17,503-63-23-ABCD

Sacramento Valley
W6SFH (+WA6KOD)
1278-44-18-BDE

San Diego
WB6NMT 4482-106-27-ABCEDE
K6LMM/6 3072-218-12-BC
K56A 803-54-11-BD
W6T1K 660-39-12-ABC

San Francisco
WA8LLY/6 759-69-11-AB
WA6KLK (+N6EEK, NA6T,
WB6KFA, WD6FGX)
4563-149-27-ABCD
N1AL/6 (+KD6E) 1536-83-16-ABCD

San Joaquin Valley
W6YKM 10,127-180-41-ABCEDE
K6JKQ 6303-124-33-ABCEDE

Santa Barbara
N6NB 20,340-324-45-ABCEDE
K6BXG 11,640-313-30-ABCEDE
K6ELG 1652-102-14-ABD
K6MFP (KA6MIMC, N6AFY, WA6s
DJS FFX, oprs.)
11,622-348-26-ABCEDE

Santa Clara Valley
K6GSS 11,592-241-36-ABCEDE
K1R/6 850-257-30-ABCD
W6XN 3634-89-23-BCDE
WB9AJZ/6 984-68-12-BC
WB2SZK/6 100-17-5-ABC

Alaska
KL7WE 339-101-3-ABD
WB4WXE/KL7 4-2-2-AB

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Delaware
K3SXA 29,877-319-69-ABCEDE
K3CNIH 954-53-18-AB
AC3T (+N3s AVJ BHS)
15,437-337-43-ABCD

Eastern Pennsylvania
WB3CDE 47,502-495-78-ABCD
K3IWR 7608-31-20-ABD
WA3UGP 5800-180-29-BCDE
W3ETB 4788-106-36-ABCD
WA3JUF 3978-66-26-BCDE
AK3O 1869-191-19-B
WA2OMY/3 1860-93-20-AB
K3VYG 1080-68-15-AC
KA3FQT 885-59-15-B
W3KM 825-55-15-B
W3JG 752-47-16-B
WA3KFT 21-7-3-AB
K3YTL (KA3s EEO FDW, KB3JK,
N3AVZ, WD3ZH, WA3s JWP JUV,
VAZ YON, WB3s BVF CAI DYE,
FAA FKQ YBT, oprs.)
68,580-643-90-ABCEDE
K3MTK (KA3H8, W3JW, WA3s
KPP LBI PUL TUL WAK ZFD,
WB2YEH, oprs.)
57,760-714-80-ABCEDE
WB3CZG (+N2CMI, K3MK, N3C)
KA3AJH, N3AVC, WB3s FET KBI)
56,985-539-87-ABCEDE

Arkansas
WA5FDF 2884-84-28-ABCD