

Results, 1989 ARRL International DX Contest

Conditions were simply incredible—K3ZO

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This year's contest was fantastic! Conditions were superb—the best ARRL International DX Contest in many years! In fact, it may go down in the record books as the best year ever. W9HE believes that “this contest provided the most fun I ever remember having in a DX contest! Conditions were great, and I had no trouble working almost everyone I could hear.” Twenty meters never closed, forty opened in the early afternoon and ten and fifteen were just simply hot! Everywhere you looked, the bands were jam-packed with stations to work. KD0EE summed it up with, “What a difference a few sunspots make!” Great conditions translate into high scores and a scan through the score boxes will show how great the conditions were. N4ZR boasts, “I doubled my best previous score; conditions seemed wonderful!” In the same tone, KQ3V reports, “It was nice to see that the sunspots are back. I increased my score better than 80% over last year with essentially the same station.”

The conditions were so good that it was hard to decide what band you should be on. N4OGW found that “ten meters was so good this year, I stayed there for the entire contest!” W9GXR reports, “I was really excited to once again hear the band open around the clock with much activity, but it's grueling to ops over 50 years old!”

This was a good year for QRP. NU4B claims, “I worked 53 different countries QRP and probably could have done better.” W5TB also tried QRP and “completed WAC/QRP in 17 minutes!”

A total of 3889 logs were received—an increase of 495 log entries over last year's DX contest. Logs received from DX stations totaled 1156 CW and 643 phone; W/VE logs received totaled 914 CW and 918 phone. A special thanks to the 258 ops who submitted checklogs.

W/VE Highlights

The East Coast dominance was prevalent again this year in the battle for the top single-op spots on both CW and phone. Bob, KQ2M, operated KM1H to the tune of 3.3 meg to win the first-place CW plaque. N2LT scored 2.9 meg to edge out

K3ZO for second place with 2.8 meg.

Tim, K3LR, guest operating at K3TUP amassed 3.5 million points for a repeat of last year's first-place phone win. Bob, KQ2M, put in another good effort on phone at KM1H scoring 3.2 million points to finish second. Fred, K3ZO, secured third place with an impressive 2.8 meg score.

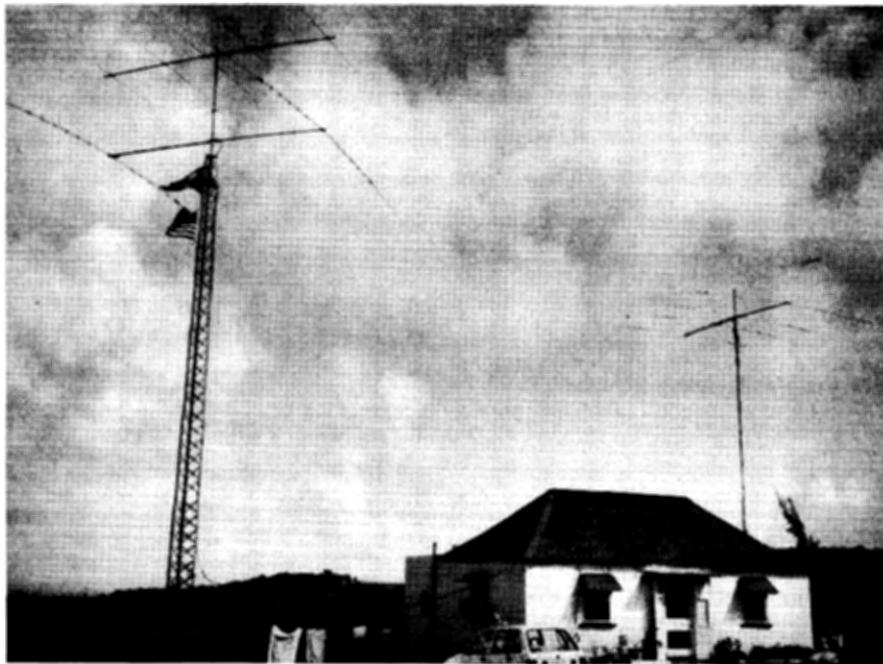
VO1MP has done it again! This is the fifth year in a row that Gus has won first-place, low-power CW (<150 W). What are you doing with all those plaques, Gus? W1PH put in a good effort of 1.5 million points for the second place spot, and KZ2S finished third with 1.4 meg.

W2HPF didn't quite reach 1 meg, but his 890k points won the W/VE low-power phone plaque. W1PH didn't cut him much slack, scoring 870k points for a close second-place finish. K6SIK scored 729k points for third.

Doug, KR2Q, tried his luck at QRP (<5 W) and came out with a double-header

win taking the W/VE QRP plaque on both modes. On CW he secured the plaque with 570k points and on phone he scored 391k points. Last year's QRP CW-plaque winner, W8VSK scored 389k points for an impressive second-place finish. N4JF finished third on QRP CW with 328k points and second-place QRP phone with 348k points. KA2AJT was close behind for third-place QRP phone with 338k points.

The single-band categories were as popular as ever. One can concentrate on QSOs and multipliers without the headaches of when and where to make those band changes. In the single-band 160-meter-category, veteran K1ZM took first-place honors on both modes. Great going Jeff! The 80-meter W/VE CW plaque went to W1FV scoring 115k. K4HJJ finished first place 80-meter phone with 27k. KB0G won the 40-meter single-band CW plaque with a score of 229k. The 40-meter phone winner was KV0Q. Gene,



A shot of the antennas that helped 8P9X (K4FJ, op) achieve third-place world in the CW contest.

Top Ten Single Operator—W/VE CW

Call	Score	160	80	40	20	15	10
KM1H (KQ2M,op)	3,313,218	20/19	121/52	366/62	762/73	709/90	936/83
N2LT	2,956,224	13/13	94/37	397/64	868/73	672/78	804/81
K3ZO	2,878,050	13/13	116/47	416/67	613/70	702/72	881/81
K1ZZ	2,797,167	15/13	109/42	353/60	659/71	665/75	886/86
N5AU (WN4KKN,op)	2,795,688	14/14	71/40	391/58	843/82	587/76	803/74
K1BW	2,709,357	15/14	87/37	415/59	861/80	691/77	564/76
K1RU	2,598,186	14/14	82/42	425/54	646/68	601/74	815/82
N4RJ (KM9P,op)	2,591,730	10/10	102/45	339/56	838/72	630/71	691/77
W9RE	2,449,890	15/14	61/38	323/59	700/68	691/72	715/75
N2IC/Ø	2,407,680	11/10	47/25	303/52	632/68	712/82	803/83

Top Ten Single Operator—W/VE Phone

Call	Score	160	80	40	20	15	10
K3TUP (K3LR,op)	3,508,800	18/12	66/37	89/42	923/111	996/104	832/84
KM1H (KQ2M,op)	3,299,791	17/13	93/49	99/59	682/110	719/96	972/99
K3OO	2,827,182	13/12	101/38	86/42	620/95	781/99	866/96
N6BV/1	2,783,550	6/6	76/41	126/46	508/103	850/99	844/90
K1RU	2,606,901	10/8	56/35	108/52	570/108	635/89	788/109
K3ZO	2,481,510	3/3	71/39	148/55	702/89	691/76	670/100
WOØG	2,481,042	10/7	45/28	121/51	527/100	745/99	678/104
N2LT	2,358,342	7/7	66/38	93/46	556/96	753/91	667/89
VO1MP	2,212,995	23/13	92/47	113/51	574/84	488/86	731/84
NR5M (WN4KKN,op)	2,191,068	12/10	38/25	156/42	467/91	565/87	774/108

Top Ten Single Operator—DX CW

Call	Score	160	80	40	20	15	10
P4ØGD (W2GD,op)	5,193,216	273/51	598/57	687/57	949/57	1093/57	1552/57
N3JT/HKØ	4,052,370	306/47	500/51	448/56	691/56	794/56	1456/56
8P9X (K4FJ,op)	3,858,069	200/44	385/47	394/50	662/56	1141/57	1407/53
XE2NQ (AA5B,op)	3,554,139	103/35	421/55	641/56	843/57	1057/57	794/47
KP2Z/KH6	3,081,720	96/32	418/53	644/55	490/54	609/55	1111/56
G3FXB	2,707,848	5/5	129/39	507/52	957/56	671/55	163/56
N5CT/KH6	2,455,446	1/1	324/47	476/56	544/52	731/54	1001/56
OK1ALW	2,423,250	4/3	136/31	429/51	974/56	729/55	959/54
NL7GP	2,354,688	1/1	158/32	373/52	606/57	901/57	1027/57
Y42MK	2,117,424	0/0	133/30	372/51	675/56	731/56	935/55

Top Ten Single Operator—DX Phone

Call	Score	160	80	40	20	15	10
V31C (KE5CV,op)	9,047,040	15/9	419/54	701/56	1670/57	2242/57	4241/57
P4ØV (AI6V,op)	7,711,680	12/6	507/53	520/57	2098/58	1147/58	3640/58
VP5T (NM2Y,op)	6,313,692	129/36	297/46	585/56	1817/57	1860/58	2145/56
PJ9JT (W1BIH,op)	4,839,039	57/22	337/48	365/50	705/56	1510/57	2569/58
XE2NQ (AA5B,op)	4,362,240	21/13	390/51	797/55	781/55	1513/56	1618/54
VP2MBA (W7FP,op)	4,311,780	42/13	238/43	547/52	1081/55	1015/57	2247/58
K6GSS/KH6	3,188,010	0/0	104/31	613/56	590/52	209/41	2949/58
9Q5NW (N4NW,op)	2,966,208	0/0	31/18	188/36	1133/57	1469/57	1593/56
FG5/KA3DSW	2,562,210	0/0	227/47	284/40	1007/54	836/54	1132/50
OK1RI	2,422,380	1/1	15/8	436/42	685/57	1081/56	1082/51

N2AA, outdistanced all others on 20-meter CW with a score of 600k. The 20-meter phone champ was AI7B with 236k. Brass pounder K2VV won the 15-meter category with 557k. Scoring over 701k, W7EJ won the 15-meter phone plaque. K1RM lead the way on 10-meter CW, scoring 449k. The 10-meter phone champ was K4XS with 806k points.

The multioperator categories were a fierce tooth and nail battle all the way on both CW and phone for 1989. The multi-single category was a duel between W3BGN and AA1K, with the 'BGN crew edging out a victory by about 100k for the plaque. On phone however, AA1K and gang reversed

the standings and claimed the plaque, edging out W3BGN by 100k. In the multi-two category, K1AR and friends showed no mercy and took the plaque on both modes, signing K1AR on CW and KC1F on phone. N3RS was second on CW with 5.7 meg, and N5AU with 5.3 meg was second during the phone weekend. Frank, W3LPL, and crew dominated the multi-unlimited category again in 1989. Their 8.9 million points efforts on both modes secured them the CW plaque along with the phone plaque. NR5M and gang finished second on CW with 7.3 meg. During the phone weekend, WM5G placed second with 7.3 meg.

W/VE Low Power Top Ten (<150 W)

CW	Score	Phone	Call	Score
VO1MP	1,601,538	W2HPF	890,100	
W1PH	1,503,054	W1PH	870,534	
KZ2S	1,464,120	K6SIK	729,195	
W2TZ	1,438,686	KQ3V	643,140	
N5AW	1,080,108	WA2UUK	566,685	
W7Yaq	905,364	W7Yaq	498,168	
W6JTI	897,408	N5AW	456,816	
KA2AEV	858,750	W9IL	369,981	
N2AZS	841,995	WB3FYL	362,916	
W1MX (AD1C,op)	813,483	KD5GD	326,106	

W/VE QRP Top Five (<5 W)

CW	Score	Phone	Call	Score
KR2Q	570,825	KR2Q	391,950	
W8VSK	389,340	N4JF	348,840	
N4JF	328,251	KA2AJT	338,580	
K3WS	291,456	KD2I	319,029	
K1CGJ	287,175	N1AFC	182,106	

Top DX QRP Scores (<5 W)

CW	Score	Phone	Call	Score
YU2TY	351,360	JA2JSF	103,005	
JA9RPU	207,897	F1BEG	86,940	
DL2HQ	172,989	IØØKHP	75,945	
HB9ADD	169,176	A22AA	39,600	
JR1IOS	138,384	EI8AU	35,295	

DX Highlights

The top-ten, single-op listings shows a host of US ops who manned their favorite DX spots. Veteran W2GD returned to P4ØGD to win the single-operator CW plaque again this year scoring 5.1 meg. N3JT/HKØ finished second with 4 meg. Walking away with the phone plaque this year was V31C (KE5CV, op). His 9-meg score was well ahead of second place P4ØV (AI6V, op) with 7.7 meg.

The multioperator DX categories denoted some stiff competition from around the world. The multi-single CW plaque went to KP2A with 4.7 meg. PJ2J amassed 4.3 meg for a well-earned second-place CW finish. VP2MU and crew took the multi-single plaque on phone with an impressive 8.6 million points, outdistancing second place VP5V with 5.1 meg. The CW multi-two plaque went to 6Y5L who edged out 4N4C by 500k points. On phone, XE2FU and gang didn't let up and took the multi-two phone plaque with 9.8 meg. JA8YBY finished second with 2 meg. The Italian multi-unlimited crew at I3JSS edged out contender YT2R by only 100k points for the multi-unlimited CW plaque. On phone, 6D2DX walked away with 10 million points for an easy win. The crew at I3MAU was second with 4.3 meg.

Affiliated Club Competition

It was a close battle for the unlimited-club gavel. When all the dust had settled, the Frankford Radio Club emerged as gavel

Affiliated Club Program

Unlimited Category	Score	Entries	CW Winner	Phone Winner
Frankford Radio Club	126,810,402	129	N2LT	K3OO
Yankee Clipper Contest Club	126,254,961	107	KM1H (KQ2M,op)	KM1H (KQ2M,op)
Potomac Valley Radio Club	52,099,869	60	K3ZO	K3ZO
Northern California DX Club	28,903,092	74	N6QR	K6HNZ
Medium Category				
North Texas Contest Club	32,487,618	25	N5AU (WN4KKN,op)	N5AW
Mad River Radio Club	16,986,336	21	W8UA	N8ATR
Society of Midwest Contesters	15,135,894	26	K9UIY	W00G
Western Washington DX Club	11,328,510	41	NN7L	N7TT
Texas DX Society	10,043,319	5	KC5CP	NR5M
Minnesota Wireless Assn	8,903,580	7	N0AT	N0AT
Murphy's Marauders	7,822,797	18	K1ZZ	K1BV
Central Virginia Contest Club	7,669,872	7	W4MYA	W44HOT
Willamette Valley DX Club	6,315,501	10	K5MM7	W7EJ
Southeastern DX Club	5,898,063	12	WX4G	WX4G
Dixie DXers Contest Club	5,052,282	18	K4BAI	N4FD
Southern California DX Club	4,578,015	20	W6AE	W6MFC
Rochester (NY) DX Assn	4,559,178	18	W2TZ	W2HPF
San Diego DX Club	3,162,477	19	AA4M	N6ADK
Eastern Iowa DX Assn	2,700,771	15	N0SM	W0EJ
Southern California Contest Club	2,476,647	9	N6AA	N6AA
Dauberville DX Assn	2,357,130	11	WA3LFY	KQ3V
Redwood Empire DX Assn	2,259,702	17	W6FSJ	W6FSJ
Salt City DX Assn	1,890,606	6	NM2L	WA2UUK
Albany ARA	1,860,882	7	KN2Q	N2AIF
Grand Mesa Contesters	1,729,023	9	KJ0G	W0GOQ
South Jersey Radio Assn	1,696,290	17	WA2VYA	W2FGY
Kansas City DX Club	1,625,013	10	KB0A	WE0A
Colorado Contest Conspiracy	1,265,874	3	K0ZX	K0CS
Albuquerque DX Assn	1,077,438	3	—	WS5O
Split Rock ARA	983,013	4	KR2Q	KR2Q
Western New York DX Assn	736,314	7	KD2YP	KD2YP
Ohio Valley ARA	693,108	3	W8RSW	NG8T
Long Island DX Assn	646,854	5	K2MFY	K1EFI
Tyler ARC	645,510	8	—	KD5GD
Northern California Contest Club	597,201	6	N6ZB	K6XO
Western Illinois ARC	285,096	9	NM9C	N9JF
West Park Radiops	136,686	8	W8IDM	W8IMF
Northern Arizona DX Assn	108,741	6	—	NZ7D
Central Michigan ARC	62,790	4	W8TJQ	W8TJQ
Local Category				
Overlook Mountain ARC	14,900,697	8	K5NA	KY2J
North Coast Contesters	9,856,338	6	WB3KKX	K3TUP
Hoosier Contest Club	5,200,656	6	W9RE	(K3LR,op)
Carolina DX Assn	2,173,920	4	K2SD	W9RE
Falmouth ARA	1,902,663	4	K5MA/1	N4UH
Arrowhead Amateur Radio Club	1,624,344	5	KR0B	K1BT
Utah Contest Club	1,422,330	4	WE7B	W0RXL
Columbus (OH) ARA	1,318,302	9	K9ALP	WE7B
New Mexico Big River Contest Club	1,024,926	4	KF7E	W8ZCQ
Western Pennsylvaniac DX Assn	958,701	3	K3MD	KI3L
Alamo DX Amigos	903,690	8	K5DB	K3UA
Fox River Radio League	822,765	4	K9MMS	K5DB
Sturdy Memorial Hospital ARC	602,196	4	K1ZZJ	WD9GIG
No Dot DXers	509,838	3	K9QVB	K1LXJ
Larkfield ARC	487,125	3	KK2E	—
Inland Empire DX Assn	448,257	4	K7EFB	KK2E
Gabilan ARC	290,619	4	—	NQ7M
Metro DX Club	268,881	5	K9MDO	KB6GV
Schenectady ARA	202,848	3	WB2EAR	K9MDO
Northern Illinois DX Assn	144,099	3	W9CH	WB2EAR
Utica ARC	142,746	4	K2XU	W9YYG
Jay Hawks ARS	72,987	10	N0FMR	KK2B
University ARC	32,838	3	—	K0IEW
				NQ7Q

winners for 1989 at 126.8 million points—with the Yankee Clipper Contest Club right on their heels with 126.2 meg. In the medium-club category, the North Texas Contest Club easily out distanced all others for the gavel, amassing 32 meg. The Mad River Radio Club finished second with 16 meg. The Overlook Mountain ARC established themselves at the top of the local club pile with 14 meg for the gavel. Second place honors goes to the North Coast Contesters with 9.8 meg.

The 1989 contest season will be long remembered for its great conditions, unbelievable scores and loads of fun. May the 1990 DX Contest be blessed with the same propagation conditions. So get your

antennas up and tuned—ready for hopefully another unforgettable ARRL International DX Contest in 1990.

SOAPBOX

CW

I was disappointed by the lack of Asian, Pacific and African stations that came through here (WA2WIP). South America, Africa and the affluent part of Europe was scarcely represented (WIPL). Conditions were excellent all weekend (K1FFX). I was just amazed how well I did on less than five watts! (W1JP). I had a great time in the contest. Thanks to all (WB2TPS). You have to love 10 meters—you could run Europeans with 100 watts and a dipole up 25 feet! (K2PS). It was great fun, and I got 18 new countries (WA2AXJ). Conditions were great—I never thought I'd ever find myself wishing the band would close so that I could rest! (KD2I). Thanks to the JAs and ZLs who worked

Overall Division Leaders

CW	Division	Phone
K3ZO	Atlantic	K3TUP (K3LR,op)
W9RE	Central	W9RE
N0AT	Dakota	N0AT
W4XJ	Delta	N4TG
N8BV	Great Lakes	WB3KKX
N2LT	Hudson	N2LT
N0SM	Midwest	W00G
KM1H	New England	KM1H (KQ2M,op)
K5MM/7	Northwestern	N7TT
N6QR	Pacific	K6HNZ
K4PQL	Roanoke	KX3Q
N2IC/0	Rocky Mountain	KI3L
N4RJ	Southeastern	N4FD
W6AE	Southwestern	K6EID
(KM9P,op)		
N5AU	West Gulf	NR5M (WN4KKN,op)
(WN4KKN,op)		
VO1MP	Canada	VO1MP

Top W/VE Single-Band Scores—CW

160	Score	20	Score
Call		Call	
K1ZM	9,240	N2AA	600,696
K5UR	1,914	W5FO	391,134
N6LL	1,377	N16W	365,904
(WA6CDR,op)		WA7RKJ	302,160
VE3DO	1,254	K9QVB	281,340
W2FCR	972		
80		15	
Call		Call	
Score		Score	
W1FV	115,710	K2VV	557,235
K8HVT/1	41,415	KE3Q	510,600
W7IVX	16,830	K1TO	504,495
K3JGJ	15,180	K4XS	440,700
WA1HYN	14,400	(WC4E,op)	
		N4ZZ	352,968
40		10	
Call		Call	
Score		Score	
KB0G	229,320	K1RM	449,820
VE2FU	172,992	N8DCJ	422,718
WB9Z	165,438	W0ZV	408,096
K9DX	163,296	W5WMU	332,856
N9AG	154,656	N8HHE	321,984
		(WA8DXB,op)	

Top W/VE Single-Band Scores—Phone

160	Score	20	Score
Call		Call	
K1ZM	4,500	A17B	236,844
K5UR	1,764	K1UO	234,531
W2FCR	1,350	NK7U	176,532
		K9CLO	128,520
80		15	
Call		Call	
Score		Score	
K4HJJ	27,180	W7EJ	701,784
A4YBV	24,462	W7WA	665,160
N4XO	11,040	KE3Q	505,158
N3AHF	8,208	N17T	312,438
K8OQL	4,500	K0ZX	279,282
40		10	
Call		Call	
Score		Score	
KV0Q	74,880	K4XS	806,577
N4ZC	64,701	W5WMU	587,250
KC7KU	60,750	(KE5FI,op)	
KZ2I	28,644	KX4R	432,054
VE2FU	18,720	K5MK	359,373
		KA1ZD	344,100

a weak signal (K4FOY). The ice storm that hit Friday evening and lasted for the entire weekend gave new meaning to the term "fixed array." For the first time in years I was able to make more than 250 QSOs. Very very FB Contest! (W4YN). I enjoyed the contest as always! (KA4YAE). Band

W/VE Plaque Winners—CW

Single Operator

Category	Winner	Donor
All Band	KM1H (KQ2M,op)	Frankford Radio Club
1.8 MHz	K12M	Billy Lunt, KR1R
3.5 MHz	W1FV	Dayton Amateur Radio Assn
7 MHz	KB0G	Northern Arizona DX Assn
14 MHz	N2AA	Fox Cities Amateur Radio Club—W9ZL
21 MHz	K2VV	Carl Luetzelschwab, K9LA
28 MHz	K1RM	W5MYA
Low Power	VO1MP	Dauberville DX Assn
QRP	KR2Q	David Newkirk, AK7M

Multioperator

Single Transmitter	W3BGN	Northern Illinois DX Assn
Two Transmitter	K1AR	Kenwood USA Corporation
Unlimited	W3LPL	ETO Inc/ALPHA

W/VE Plaque Winners—Phone

Single Operator

Category	Winner	Donor
All Band	K3TUP (K3LR,op)	Frankford Radio Club
1.8 MHz	K12M	Butch Greve, W9EWC, Memorial
3.5 MHz	K4HJJ	Lance Johnson Engineering, K0CS
7 MHz	KV0Q	Dave Thompson, K4JRB
14 MHz	A17B	Dayton Amateur Radio Assn
21 MHz	W7EJ	Kenwood USA Corporation
28 MHz	K4XS	Windsor Amateur Radio Club, VE3OW
Low Power	W2HPF	Dauberville DX Assn
QRP	KR2Q	Marlis, N4MZJ, Hermitage Wireless Inc

Multioperator

Single Transmitter	AA1K	Kenwood USA Corporation
Two Transmitter	KC1F	Kenwood USA Corporation
Unlimited	W3LPL	Western New York DX Assn—W2RR

DX Plaque Winners—CW

Single Operator

Category	Winner	Donor
World	P40GD (W2GD,op)	North Jersey DX Assn
Africa	5H1HK (JE3MAS,op)	WB3KTX
Asia	JA7FWR	Alamo DX Amigos
Europe	G3FXB	Clarke V. Greene, K1JX
North America	N3JT/HK0	W4KFC Memorial Plaque—PVRC
Oceania	KP2Z/KH6	Robert J. Halprin, K1XA
South America	P40GD (W2GD,op)	Herbert Hoover, Jr, W6ZH Memorial Award
1.8 MHz	YV1OB	Jim Dionne, K1MEM, and Bill Poellnitz, K1MM
3.5 MHz	K0GVB/C6A	Mad River Radio Club
7 MHz	I2VXJ	Dr W.R. Staples, W4SME
14 MHz	A16V/VP9	Bencher, Inc.
21 MHz	KV4FZ (N6OP,op)	Southern New England DX Assn
28 MHz	HC2G (HC2SL,op)	ZP5XDW
QRP	YU2TY	Rick, KZ2E, Hermitage Wireless Inc

Multioperator, Single Transmitter

World	KP2A	John Brosnahan, W0UN
Africa	EABRCT	Kenwood Employees ARC, WD6DJY
Asia	UZ0QWA	Kenwood USA Corporation
Europe	HG1S	The Radio Place
North America	KP2A	Kenwood USA Corporation
Oceania	KX6OI	Gary Stilwell, K16T and Glenn Stilwell, WR6O
South America	PJ2J	Kenwood USA Corporation

Multioperator, Two Transmitter

World	6Y5L	Kenwood Employees ARC, WD6DJY
Asia	JA1YXP	Kenwood USA Corporation
Europe	4N4C	Kenwood USA Corporation
North America	6Y5L	David W. Brandenburg, K5RQ
South America	HK3MAE	Max Arnold, W4WHN, Memorial

Multioperator, Unlimited

World	I3JSS	H. Stephen Miller, N0SM
Asia	JA8YBY	Kenwood USA Corporation
Europe	I3JSS	Texas DX Society
North America	WF8C/VP9	ETO Inc/ALPHA

conditions were great—it was a pleasure to be duped by a VS6 (K4AMC). This was a very good contest. I'm glad to see the great band conditions returning on the upper 3 HF bands (WB4DNL). Great contest! Sure wish that I could have worked everything I heard! (KD5PJ). The 10-meter CW band isn't big enough. Competition for frequencies was tough down here (AD5Q). Con-

Special Plaques

Single Operator

Category	Winner	Donor
W/VE S/O Combined Score	KM1H (KQ2M,op)	National Contest Journal
W/VE Low Power, Combined Score	W1PH	Rochester (NY) DX Assn
World S/O Combined Score	XE2NQ (AA5B,op)	Mike Manafo, K3UOC, P46S, 4M4A
Africa Combined Score	CN8FC	Dave Heil, K8MN and Tom Gregory, N4NW
Japan Combined Score	JH7DNO	JA7WME, JG7SVZ, JH7AFR
Atlantic Division (CW)	K3ZO	K2NY Memorial—Salt City DX Assn
Great Lakes Division (CW)	NABV	Livonia Amateur Radio Club, Livonia, MI
Great Lakes Division (Phone)	WB3KKX	Livonia Amateur Radio Club, Livonia, MI
Hudson Division (CW)	N2LT	W2AO Memorial—Order of Boiled Owls
Israel S/O (CW)	4X6UU	Robert E. Weinstock, KN1K
Japan (CW)	JA7FWR	Western Washington DX Club
Seventh Call Area (CW)	K5MM/7	Willamette Valley DX Club
Seventh Call Area (Phone)	N7TT	Willamette Valley DX Club
Single Op Under 18 (CW)	NL7GP	Virginia A. Greene, WB1AVA
Single Op Under 18 (Phone)	NL7GP	Virginia A. Greene, WB1AVA
USSR All-Band (CW)	UP3BA	K1KI, WB4TDH, AA6BB, KA6V
USSR All-Band (Phone)	RB5DX	K1KI, W4MOM, AA6BB, KA6V

Multioperator

Caribbean Multi-Single (CW)	KP2A	The YASME Foundation
Caribbean Multi-Single (Phone)	VP2MU	W5MYA
Multi-Multi Combined World	YT2R	W2PV Memorial—Schenectady ARA

DX Plaque Winners—Phone

Single Operator

Category	Winner	Donor
World	V31C (KE5CV,op)	North Jersey DX Assn
Africa	9Q5NW (N4NW,op)	Kenwood USA Corporation
Asia	JH1AEP	Acadiana DX Assn
Europe	OK1RI	Gerald Griffin, MD, W8MEP
North America	V31C (KE5CV,op)	Chod Harris, VP2ML
Oceania	K6GSS/KH6	Doc Sayre, N7AVK
South America	P40V (A16V,op)	Kenwood USA Corporation
1.8 MHz	HK3DFT	Fred Race, AL7JO, in Memory of Charlie, W8TCS
3.5 MHz	TE1L	Kenwood USA Corporation
7 MHz	ZF2MV	Central Arizona DX Assn
14 MHz	T32AF (KH6UR,op)	Don Wallace, W6AM, Memorial, Central CA DX Club
21 MHz	NP4CC	Ray Molony, W2NCL, Memorial, Long Island DX Assn
28 MHz	P40T (KB2HZ,op)	Contest Committee—LIMARC
QRP	JA2JSF	Gerald Griffin, MD, W8MEP

Multioperator, Single Transmitter

World	VP2MU	Gloucester County ARC
Africa	T5GG	Kenwood USA Corporation
Asia	JA7YAA	Kenwood USA Corporation
Europe	F6BEE	Kenwood Employees ARC, WD6DJY
North America	VP2MU	Society of Midwest Contesters
Oceania	KX6OI	Society of Midwest Contesters

Multioperator, Two Transmitter

World	XE2FU	Kenwood USA Corporation
Asia	JA8YBY	Kenwood USA Corporation
North America	XE2FU	Jan Hubach, OH1ZAA and John Brosnahan, W0UN
South America	ZY4BA	Kenwood USA Corporation

Multioperator, Unlimited

World	6D2DX	Wayne Yoshida, KH6WZ
Asia	JA9YBA	Kenwood Employees ARC, WD6DJY
Europe	I3MAU	Kenwood USA Corporation
North America	6D2DX	ETO Inc/ALPHA

ditions were great on 10 and 15 meters! (W6LC). The conditions this year were outstanding! (KW6Q). A most enjoyable contest. I'll see you in '90 (W6MVV). Unfortunately, many Pacific and Caribbean multipliers were not there, but conditions were fantastic! (W6YA). Conditions were great, but there was not much activity from South America and the Pacific (N6ND). Conditions were very good. Same frequency was open to Japan at all times! (N7IR). Thanks for a great contest, and I hope to see you again next year (WA7EGA). The band conditions were poor on 80 meters. 10- and 15-meter bands seemed

Top W/VE Multioperator Scores—CW

Single Transmitter

Call	Score	160	80	40	20	15	10
W3BGN	2,897,424	20/17	121/40	455/64	863/72	581/76	696/84
AA1K	2,798,280	20/18	122/45	450/60	674/76	597/81	728/80
KY2J	2,793,630	13/13	142/49	544/64	741/82	534/80	536/83
K1IU	2,679,804	8/8	94/43	563/55	764/72	700/70	628/76
K5ZD/3	2,652,639	11/10	66/34	358/62	744/75	697/79	717/81

Two Transmitter

K1AR	6,892,194	19/17	254/52	899/79	1573/101	1179/93	1262/101
N3RS	5,781,849	20/16	234/61	701/78	1297/86	1203/97	996/95
K4VX/0	5,496,942	26/23	70/42	586/74	1387/85	1300/91	1133/92
WMSG	4,831,083	17/16	63/39	534/75	1187/99	1008/101	998/93
N6RO	4,561,716	10/9	152/28	578/70	1128/88	1153/102	898/91

Unlimited

W3LPL	8,953,632	44/29	387/60	1078/88	1548/101	1650/104	1485/100
NR5M	7,370,745	31/27	202/59	770/88	1429/107	1339/110	1274/96
K1ST	7,020,900	22/20	298/53	972/79	1585/94	1272/94	1231/95
KY1H	6,252,774	10/10	164/49	968/82	1483/90	1242/93	1072/98
W0AIH/9	5,798,520	18/16	92/45	722/75	1247/95	1363/95	1238/87

Top DX Multioperator Scores—CW

Single Transmitter

Call	Score	160	80	40	20	15	10
KP2A	4,765,710	299/50	606/56	565/57	951/57	1039/57	1282/58
PJ2J	4,381,746	263/50	496/56	575/57	906/57	1084/57	1049/57
HG1S	2,873,034	0/0	130/24	469/53	1327/58	812/57	1155/54
J80A	2,846,160	105/36	542/49	521/54	725/53	893/54	427/49
XE2EBE	2,802,600	176/39	442/54	549/51	363/50	402/51	1182/55

Two Transmitter

6Y5L	2,572,317	247/42	531/50	662/54	334/47	349/51	764/53
4N4C	2,060,289	0/0	83/21	312/44	1121/57	528/56	929/53
SM5GMG	1,537,632	0/0	47/15	437/53	670/56	473/54	621/50
JA1YXP	1,161,864	0/0	49/20	343/47	141/45	986/56	274/48
HK3MAE	155,868	0/0	0/0	0/0	112/42	86/34	221/47

Unlimited

I3JSS	3,861,750	16/11	229/35	738/56	1518/56	1115/57	1134/56
YT2R	3,761,604	87/24	170/29	654/54	1529/57	1049/56	1054/56
JA8YBY	2,484,720	0/0	144/21	438/51	795/56	1052/56	1022/56
JA1YFG	2,129,166	0/0	126/18	454/51	651/55	898/57	904/53
WF8C/VP9	1,826,025	0/0	527/52	421/48	467/47	718/55	292/49

Top DX Single-Band Scores—CW

160	Score	20	Score
YV1OB	39,555	Al6V/VP9	342,684
NO9M/KP4	21,660	YZ1U	292,320
CT1AOZ	20,088	4N2V	255,474
		OH7MA	224,448
		ZY0FX	194,040
		(W9VA,op)	
		15	
		KV4FZ	311,049
		(N6OP,op)	
		9Y4VU	308,826
		AL7CQ	288,990
		I4IND	257,172
		G4CNY	232,389
		10	
		Call	Score
		HC2G	306,600
		(HC2SL,op)	
		VP2MW	286,926
		(N4MO,op)	
		GW4BLE	280,056
		(G3WVG,op)	
		VE7QQ/AH6	247,800
		YZ3A	247,779
		(YU3BC,op)	

open like the good old days! (W7DRA). Signals were dynamite. I got most on the first call and got some new countries (NC7O). It was a great contest with great propagation conditions. I can't wait for next year! (N8AGU). The contest was great! Conditions on all bands could not have been better. (WD9Q). Thanks to all the A-1 operators who picked up my 4 watts and the mini-quad only up 25 feet (NX9T). There was fantastic 40-meter openings into Europe both nights (K0OST). I came away feeling that I had made many new overseas friends and having nearly doubled last year's score. The

big thrills were four new countries, including 9Q5DX through a very large pileup (WB2V). My biggest thrill was working Europe on 40 and 80 meters with 100 watts and a dipole! (WA0UO). Conditions were fantastic for the contest this year. I had a ball and I am looking forward to the SSB portion (VE3NYT). It was a very good contest and there was good conduct from the stateside stations (ZS1VP). Band conditions were very good. Thank you very much (JA7FWR). Nice conditions on 10 meters in Japan! I could contact all the states. (JM1LRQ). The conditions seemed to be poor on 160-40 meters, but I had fun on 15 and 10! Great contest! (U29CWW). This again was a wonderful contest! Only the 80-meter band was crammed by very strong European stations! (DL1TH). It was nice to see that 10 meters was wide open to W/VE (DF1LX). Thanks for an enjoyable contest, and it was nice to hear the old familiar call signs (G2HPF). I hope I helped give a new multiplier, and also I hope to return in '90 if the weather is suitable (G4UOL). I had call letter problems—Europe was answering my CQs, not W/VEs (W9LT/I0). It was an exciting contest due to good propagation! (IK2EGL). The propagation was rather good and especially to the West Coast (ON6LO). It was fantastic to work all states on 40 meters (OZ1FTE). Even with my low beam, I could reach North America (OZ4UN). It certainly was very nice to operate with US radio amateurs again! Many thanks for a great contest! (UA2EC). Nice propagation on 15 meters again after many years (UT4UX). Wonderful conditions on 10-meter band! (UP2BBF). We were very pleased to work so many stations on 80, and this certainly testifies that CW is not dead! (K0GVB/C6A). It was great to work some hard-to-find states for WAS! (XE2IZ). The hardest thing, torture actually, was to stay at the radio while the view of the pool and fantastic lagoon tugged away at me (KH0/KU2C). Thanks to all those ops who continue to work 160 meter! (W2GD).

Phone

I've been a ham for almost 35 years, and I finally worked China in the contest (K1JB). I was very pleased by conditions, and also how well my

Top W/VE Multioperator Scores—Phone

Single Transmitter

Call	Score	160	80	40	20	15	10
AA1K	2,972,025	14/11	82/39	104/54	874/115	623/97	634/109
W3BGN	2,869,590	22/13	98/43	115/55	753/105	691/98	654/96
K1YR	2,681,775	11/10	62/41	101/56	569/110	682/110	630/108
N3BB/5	2,425,776	9/6	35/23	231/45	619/102	440/87	750/125
N4KG	2,124,000	10/8	35/28	83/45	404/100	484/83	872/111

Two Transmitter

KC1F	6,390,900	17/15	138/53	177/77	1293/135	1437/123	988/123
N5AU	5,354,538	14/9	44/30	248/60	777/127	1526/122	1094/134
K1RX	4,864,500	11/10	68/33	165/67	889/116	1372/117	945/127
N6RO	4,696,314	3/3	66/29	412/53	749/126	1611/111	766/112
N2MG	4,343,808	4/4	95/44	187/62	1173/125	920/100	853/113

Unlimited

W3LPL	8,965,758	33/22	242/64	313/84	1402/151	1652/133	1432/135
WMSG	7,343,838	16/9	81/42	308/80	1253/145	1463/143	1266/139
NB1H	6,454,629	23/16	120/48	257/78	1315/125	1419/119	1093/124
KX4S	5,943,672	21/15	149/59	305/85	1294/136	1438/119	724/90
K5NA	5,677,890	30/21	159/61	175/70	1092/134	998/119	1117/125

Top DX Multioperator Scores—Phone

Single Transmitter

Call	Score	160	80	40	20	15	10
VP2MU	8,687,040	114/36	429/55	711/57	2325/58	1161/57	4309/57
VP5V	5,153,031	27/12	216/41	685/55	1391/56	1875/57	2007/56
J80A	5,027,616	31/15	417/53	487/52	1130/54	1000/57	2754/57
KX6OI	3,103,866	4/4	101/33	506/51	1159/55	814/52	1172/49
F6BEE	3,017,664	28/12	227/32	459/43	901/56	1269/56	1172/49

Two Transmitter

XE2FU	9,813,063	127/35	861/57	926/57	1669/59	2249/57	4295/58
JA8YBY	2,062,710	0/0	137/23	227/31	679/53	1270/57	885/51
ZY4BA	885,432	0/0	0/0	10/7	629/52	199/45	1030/54
JE3ZFS	319,620	0/0	7/1	29/9	366/53	269/48	90/29

Unlimited

6D2DX	10,313,550	140/40	576/55	899/57	2116/57	3298/57	3594/59
I3MAU	4,381,503	15/13	185/29	529/47	1766/58	2032/57	1112/55
YT2R	3,172,554	2/2	247/32	290/32	1545/57	1718/57	776/51
JA9YBA	2,658,003	0/0	102/17	228/43	1221/57	1213/58	1105/54
JE2YRD	2,211,900	0/0	73/12	86/21	873/56	1398/57	1220/56

Top DX Single-Band Scores—Phone

160	Score	20	Score
HK3DFT	18,495	T32AF	420,831
CT1TM	1,170	(KH6UR,op)	
		KH6FKG	339,996
		CT1BOP	334,080
		CE6EZ	328,149
		YT3T	223,326
		(YU3BQ,op)	
		15	
		Call	Score
		NP4CC	606,879
		HC1HC	541,728
		AL7CQ	367,821
		G4CNY	352,431
		YZ1E	301,368
		(YU6AR,op)	
		10	
		Call	Score
		P40T	887,301
		(KB2HZ,op)	
		ZV5A	809,796
		(PY5EG,op)	
		ZP5JCY	798,138
		HC2G	773,946
		(HC2CG,op)	
		T12DU	582,552

75-meter quarter-wave vertical worked with QRP! I'll see you next year! (KD2I). I worked 100 VK/ZLs from 0418Z-0612Z Saturday night. I didn't know you could run VKs and ZLs! (K4XS). My wife made me stop at 4:30 PM Sunday to take her out for dinner, just because it was our 33rd wedding anniversary! (W4TMN). I couldn't believe all those countries came back to me and my little vertical and 100 watts (KN5Y). Ten meters on Sunday was fantastic (KA5PVB). By chance, I turned on the rig, heard a lot of pileups, and that was it. I lost the weekend being hooked by the contest (WD6EWG).

Fifteen meters was the best that I have seen. It opened up, and the DX was great (K8OSF). Thanks for a great contest, and I hope to enter future contests QRP! (KD8JN). I was able to work 36 DX stations in a couple of hours with only 100 watts and vertical (WB9GKA). Special thanks to JY9SR for coming up (NX9T). Conditions were good on Sunday (VE3EVZ). The highlight of this contest was a call from SU1EK on 15 meters (VE5RA). There

was excellent propagation on 10 meters (CN8FC). Very good propagation on 10 meters. A good chance for QRPers (F1BEG). The overall propagation from Finland was frustrating, but the Sunday morning opening was one of the best ever (OH1NOA). Conditions this year were average, but we all had a lot of fun! (OK1RI). Ten-meters was greatly opened! (PA0KDM). It's always fun to work this contest

(SM5IWC). Thanks for an interesting contest (UA6LQ). I can't say about the other bands, but 10 meters was hot! I never got so many +20 reports ever (TI2DU). Conditions were good except on the 160-meter band (W7FP). It was a great contest with great propagation. Thanks to all the Novices and Techs who responded to my CQs on 10 (8P6SH). There were great high-band conditions, but lightning made 160 and 80 terrible (K6GSS/KH6).

Scores

The scores are listed by mode—CW and phone. For both WVE and DX scores, single operators are listed first, followed by multioperator transmitter-transmitter, multioperator two-transmitter, then multioperator unlimited. WVE single transmitter scores are broken down by call area and ARRL Section. WVE multi-single scores are broken down by call area only. All WVE multiop two-transmitter and unlimited scores are grouped together in descending order by score. DX single-op and multiop scores are broken down by continent and country. Under each ARRL Section (and country for DX), single-op scores are listed in descending order by category. All-band scores are listed first, followed by 160, 80, 40, 20, 15, and 10-meter single-band scores. Each line score lists the following information: call, score, QSOs, multipliers, power output used (A = 5 W or less; B = 6-150 W; C = more than 150 W). Single-band entries are indicated by 160, 80, 40, 20, 15, and 10. For example, in Connecticut, the top all-band CW scorer is K1ZZ. The top low-power (150 W or less) entrant is WA1FCN. K8HVT/1 has the top 80-meter single-band score, NQ1K has the top 40-meter single-band score, K1KI has the top 20-meter single-band score, K1TO has the top 15-meter single-band score, and K1RM has the top 10-meter single-band score. W1HUE has the top QRP score.



WVE CW Single Operator

1

Connecticut

K1ZZ	2,797,167	2687-347-C
K1RU	2,598,186	2593-334-C
K1XA	2,319,684	2329-332-C
K1YR	2,017,800	2242-300-C
KG1D	1,138,176	1536-247-C
WA1FCN	688,491	1011-227-B
K1WJL	675,321	983-229-C
K1VDF	672,894	1466-153-C
K1YRP	371,583	779-159-B
K1BV	353,655	813-145-C
K1DD	304,707	601-169-C
WA2WIP	229,761	521-147-C
W1HUE	139,092	346-134-A
K3FN	129,762	267-162-C
KA1CZF	75,492	233-108-A
W1VH	37,128	182-68-C
NR1L	33,858	198-57-C
AB1U	23,316	134-58-B
NH1L	19,890	102-65-A
KH8CP/1	7,938	63-42-A
NT1E	7,680	64-40-A
K1CVF	7,221	83-29-B
NJ2L	1,134	21-18-C
K8HVT/1	41,415	251-55-C 80
NQ1K	2,160	36-20-C 40
K1KI	7,533	81-31-C 20
K1TO	504,495	1665-101-C 15
WA1NYU	10,404	102-34-B 15
K1RM	449,820	1530-98-C 10
W1CNU	20,088	186-36-C 10

Eastern Massachusetts

K5MA/1	1,876,554	2242-279-C
WF1J	1,376,229	1621-283-C
W1MK	1,001,646	1458-229-C
W1MX (AD1C,op)		
	813,483	1069-249-B
W1G1H	600,495	931-215-C
W1IHN	511,704	824-207-C

K1CGJ	287,175	547-175-A
W1PL	226,629	447-169-C
K1CLN	213,180	418-170-C
KR1B	198,072	393-168-C
K1TWF	192,090	337-190-B
K1FFX	178,890	445-134-B
N1RC	123,504	332-124-B
N1AU	117,885	271-145-C
K1ZZJ	91,188	298-102-C
AD1Z	71,022	266-89-C
N1EDM	69,840	240-97-B
KB1VL	25,908	127-68-B
NQ1F	18,816	112-56-B
W1JR	9,027	59-51-B
KA1LSZ	7,482	58-43-B
W1BK	288	12-8-B
W1FV	115,710	551-70-C 80
NR1R	15,618	137-38-C 40
AA1M	45,192	269-56-C 20
N1DC	22,650	151-50-B 20
W2SC	277,290	1027-90-C 15
WB2DND	34,515	195-59-B 10
KQ1V	6,138	66-31-C 10

Maine

W1XN	33,600	140-80-C
W9KDR	31,746	143-74-B
W1APU	24,948	108-77-B
K1JB	130,950	582-75-C 15
N1AFC	40,020	230-58-A 15

New Hampshire

KM1H (KQ2M,op)		
	3,313,218	2914-379-C
W1PH	1,503,054	1659-302-B
K8L7/1	477,708	847-188-B
K1PTF	278,208	504-184-B
K1NH	57,600	200-96-B
W1VY	23,730	113-70-C 20

Rhode Island

K2MM	162,756	396-137-B
W1GL	130,707	308-141-A
W1RFQ	52,800	176-100-B
WB7NRE	5,508	54-34-C
K1V5J	1,056	32-11-B
WA1HYN	14,400	100-48-C 80
K6IM/1	58,176	303-64-C 10

Vermont

W3SOH	331,230	610-181-B
WA1GUV	112,893	311-121-B
KA1FJ	1,575	35-15-B 15
WA1ZLD	76,560	440-58-C 10

2

Western Massachusetts

K1BW	2,709,357	2633-343-C
K2IM	564,990	1018-185-C
WA1AUT	243,324	751-108-C
W1BR	187,980	482-130-C
W1BYH	139,500	250-186-C
W1JP	14,763	133-37-A
WA1ZAM	11,115	95-39-C 15
KA1XN	292,059	1119-87-C 10

Eastern New York

K5NA	2,391,606	2331-342-C
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N2BA	1,855,350	1995-310-C
W2JU	1,212,432	1508-268-C
W2XL	1,030,194	1331-258-C
N2AZS	841,995	1155-243-B
KN2Q	644,784	1064-202-C
N1CC	300,855	647-155-C
NW2J	196,407	471-139-C
N2AIF	160,398	402-133-C
WA2AXK	142,308	354-134-C
K2UR	81,627	299-91-C
WB2EAR	77,280	322-80-B
W2AWF	62,727	203-103-C
KD2NE	31,758	158-67-C
W2QYA	25,596	158-54-A
NA2M	3,240	36-30-C
WD2K	2,079	33-21-B
K1ZM	9,240	88-35-C 160
KB2AUQ	26,586	211-42-B 15
KF2O	165,756	727-76-C 10

NYC-Long Island

KA2AEV	658,750	1250-229-B
KD2TT	328,536	648-169-C
KK2E	247,086	518-159-A
WB2ENW	215,718	458-157-A
WB2TPS	188,853	391-161-C
W2GKZ	109,728	288-127-C
W2HLI	69,000	250-92-B
W2KTF	13,680	95-48-B
W2KPA	2,112	32-22-C
WB2AMU	14,112	112-42-B 40
N2D7W	189,540	780-81-C 15
N2KW	196,056	778-84-C 10
K2MFY	137,760	574-80-B 10
NT2X	39,900	350-38-C 10
K2KTT	6,240	65-32-B 10

Northern New Jersey

N2LT	2,956,224	2848-346-C
N2NT	2,120,730	2230-317-C
KZ2S	1,464,120	1660-294-B
W2RQ	1,188,684	1484-267-C
W1GD	1,065,960	1316-270-C
KR2Q	570,825	885-215-A
W2NJ	492,414	767-214-B
K2PH	462,501	767-201-B
WA2UDT	165,453	421-131-C
K2HPV	164,808	436-126-A
KQ2O	160,800	400-134-C
KT2D	128,898	341-126-C
KD2YG	90,792	194-156-B
WB2FGZ	90,513	339-89-B
WA8QOA	53,760	160-112-B
W2HCA	44,118	171-86-B
W9NTU	30,600	150-68-B
W2A0Y	13,524	92-49-B
N2COH	6,138	62-33-C
N2IN	2,304	32-24-C
W2FCR	972	18-18-C 160
N2AA	600,696	1944-103-C 20
WA2ASQ	74,169	369-67-C 20
WC2R	5,694	73-26-B 20
K2FE	51,504	296-58-C 10

Southern New Jersey

N2MM	1,927,200	2200-292-C
N2RM	1,586,781	1981-267-C
WA2VYA	729,729	1001-243-C

K2PS	564,318	879-214-B
K2FL	412,686	681-202-C
N2MR	324,216	632-171-C
W2PAU	197,784	402-164-C
W2EA	142,245	327-145-C
K2SB	119,925	325-123-B
K2SWZ	78,588	236-111-B
WA2VXJ	38,505	151-85-B
WA2VSQ	33,216	173-64-B
N2GZL	32,943	139-79-A
W3ELJ	24,723	123-67-B
K2LOO	21,960	122-60-B
K2OSV	12,282	89-46-C
AG2S	10,857	77-47-C
K3JGJ	15,180	115-44-C 80
W5KI	22,500	150-49-B 20
W2GTN	16,500	125-44-B 15
KD2I	208,026	889-78-C 10

Western New York

W2TZ	1,438,686	1866-257-B
NM2L	761,910	1165-218-B
WF2W	308,160	642-160-B
KW2J	305,448	572-178-C
KD2YP	235,944	452-174-C
K2LJG	230,364	474-162-A
K2UJ	229,245	527-145-C
N2WK	220,752	438-168-C
W2FR	155,844	351-148-C
WJ2O	140,685	415-113-C
WJ2X	128,856	364-118-B
W2FUI	99,216	318-104-C
W2PHT	84,552	271-104-B
KA2Y	80,898	278-97-B
WA2EYA	87,855	203-95-B
WB2ABD	54,684	217-84-B
K2XU	47,499	223-71-C
K2XU	36,354	166-73-B
NA2Q	32,640	136-80-B
KK2B	15,000	100-50-B
W2OMV	8,052	61-44-B
WA2AOG	7,104	64-37-C 80
KA2VYW	20,304	144-47-C 40
K2VV	557,235	1769-105-C 15
W2HPF	305,487	1119-91-C 15
WB2YQH	79,380	378-70-C 10
W2SAW	47,196	276-57-C 10
W2HG	39,528	244-54-C 10

3

Delaware

KC3RY	104,838	346-101-C
KD3JQ	55,926	239-78-C
AD3V	50,196	188-89-C
K3HBP	35,280	240-49-B 10
K3OO	2,373,081	2449-323-C
N3AD	2,135,556	2598-274-C
W3UM	1,622,205	1833-295-C
AA3B	994,896	1316-252-C
K3VW	989,172	1278-258-C
K3NV	829,806	1102-251-C
K3TEJ	748,896	1076-232-B
N3ED	553,536	992-186-C
K3WJV	538,242	823-218-C
NO3B	398,712	898-148-B
K3ZA	354,960	680-174-C
W3KV	347,508	591-196-C
W3ARK	325,413	627-173-B

W3FW	308,424	724-142-C
W3EVM	247,599	451-183-C
K3M	195,624	429-152-B
K3OX	151,200	336-150-B
W3EHZ	147,030	377-130-B
W3QIR	98,154	266-123-B
W3AP	48,216	164-98-C
K3ZLK	39,039	169-77-C
NQ3S	29,547	147-67-C
NM3W	21,054	121-58-B
W3CEI	13,407	109-41-B
K3YD	2,496	32-26-A
WB3KTX	960	20-16-B
KA3SIO	305,025	1225-83-C 10
WA3LY	154,956	698-74-C 10
K3WGR	58,962	317-62-C 10
KJ3R	54,126	291-62-C 10
AA4MD/3	34,128	237-48-B 10
KB3TS	24,840	138-60-A 10

Maryland-DC

K3ZO	2,878,050	2741-350-C
K3NA	1,857,600	2064-300-C
W3USS (K1ZZI,op)		
	1,619,550	1830-295-C
W3GRF	1,148,436	1387-276-C
W3UJ	739,848	1063-232-C
W3IUU	684,216	1032-221-C
W3GN	638,028	958-222-C
W3HVQ	582,075	995-195-C
WB3AVN	406,620	753-180-C
W3FG	401,232	643-208-B
K3WS	291,456	506-192-A
N2US/3	275,076	566-162-A
N3AM	129,600	360-120-C
K3NCO	69,264	222-104-A
K3DI	57,270	185-104-B
W3HVM	53,400	200-89-C
W3CPB	53,400	200-89-B
W3XE	36,000	160-75-B
K3EI	25,338	103-82-C
WA3EOP	18,522	126-49-A
W3TFA	18,300	100-61-C
K3SA	9,135	87-35-A
WA3VYT	5,616	48-39-B
N3RR	262,710	973-90-C 20

State	Call Sign	Frequency	Power	State	Call Sign	Frequency	Power			
Georgia	N4RJ (KM9P,op)	2,591,730-2610-331-C		Arkansas	KASKPE	72,288-251-96-C				
	WX4G	2,078,364-2294-302-C			WSRZ	54,810-203-90-C				
	K4BA1	1,926,030-2071-310-C			NSRC	39,618-186-71-B				
	K4EZ	400,392-864-201-C			W5EJL	37,680-157-80-C				
	WB4XD1	339,234-574-197-C			K5JUR	1,914-29-22-C-160				
	K4GID	240,240-455-176-A			KM5G	207,207-1001-69-C-20				
	WB4MH5	236,250-450-175-A			K6ASB	16,800-140-40-B-10				
	KF4CI	166,608-356-156-C			Louisiana	NT5G	617,322-751-274-B			
	N8LM	159,600-400-133-B				K5KLA	137,550-350-131-C			
	W1UA	63,360-220-96-C				W5WJU	28,044-114-82-B			
	KD3GC	54,282-218-83-B				W5WUW	332,856-1206-92-C-10			
	AA4GA	49,800-200-83-B				Mississippi	WQ5H	119,865-305-131-C		
	AB4LX	9,072-63-48-A					W5SCON	11,970-70-57-B		
	NQ4H	4,284-42-34-C					W5CYU	27-3-3-B-40		
	WB4NMA	912-19-16-C-160					W5JZL	157,398-709-74-B-10		
	N4UJ	243-9-9-C					New Mexico	AA5JF	169,413-379-149-B	
	W4JFL	31,044-199-52-B-20						KI3L	1,890-35-18-C	
	N4VZ	268,068-1004-89-C-10			W5TVX			58,308-452-43-B-20		
	KX4R	211,992-803-88-C-10			KF7E			108,336-488-74-C-15		
	Kentucky	N4XM	517,215-841-205-C					W5VZ	91,290-358-85-C-10	
		N9RR	304,110-654-155-C					N7RP	74,160-412-60-C-10	
		WB4FOT	61,425-225-91-C			KT5X		10,500-100-35-B-10		
		N4BOC	38,010-181-70-B			North Texas		NSAU (WNA4KN,op)	2,795,888-2709-344-C	
		K4FU	14,400-100-48-C-40					N5RZ	2,381,925-2275-349-C	
		KZUPD	142,650-634-75-C-20					NSAW	1,080,108-1233-292-B	
N4OGW		98,700-470-70-B-10		KASW	756,318-1082-233-C					
North Carolina		K4PQL	2,005,242-2243-298-C		W5JL		573,024-1016-188-C			
		K4PB	401,280-704-190-C		N5RPM		297,918-613-162-C			
		K2SD	239,316-539-148-C		KY5N		214,428-428-167-B			
	N4QVM	27,072-141-64-B		W5MWM	206,362-451-154-C					
	KY2P/4	11,520-64-80-B		K5MR	149,175-325-153-C					
	K4FOY	7,956-78-34-B		NJ1V	149,077-237-107-C					
	K5LZT	6,105-55-37-B		W5TB	63,855-215-99-A					
	AA4NC	3,645-45-27-C-80		KD5PJ	28,461-179-53-B					
	W4AGQG	9,450-90-35-B-15		KA4CVL	22,328-122-61-B					
	Northern Florida	K4CSD	123,066-318-129-B		W5WVZ	912-19-16-C-160				
6,816		71-32-C-80		W5FO	391,134-1387-94-C-20					
W9GILM		36,285-205-59-B-20		N15M	83,439-381-73-B-15					
K4XS (WC4E,op)		440,700-1469-100-C-15		NZ5M	132-11-4-B-10					
South Carolina		W3VT	1,639,905-1853-295-C		Oklahoma	W5RRY	139,950-311-150-C			
		W8OKX/4	566,916-794-238-C			WV6S	12,276-93-44-C-40			
		K4YLL	521,000-1040-167-C			N6CL	37,125-225-55-B-10			
		N4BPP	313,200-580-180-B			South Texas	AD5Q	1,478,556-1839-268-C		
		W8GNL/4	84,750-250-113-B				K5DB	320,352-568-188-C		
		K4HOG	30,879-141-73-B				K5TSQ	231,447-431-179-C		
	WF2G	855-19-15-B		N5HB			204,768-474-144-B			
	W4NL	277,844-996-93-C-15		W5ODD			127,280-303-140-C			
	N4LM	17,415-129-45-B-15		K5IAU			58,794-239-82-B			
	Southern Florida	K4GKD	957,816-1272-251-C				NX8G	56,772-228-83-B		
W24AHZ		728,358-1042-233-B		WG4Q/5	26,100-116-75-C					
K4MF		677,586-1022-221-B		W5HRF	23,226-98-79-C					
K1TN		325,752-554-196-B		WV5K	17,442-114-51-C					
NZ8P/4		119,880-270-148-B		N5KAE	4,929-53-31-B					
W4YN		106,560-320-111-C		AA5HI	360-12-10-C					
K04J		57,000-190-100-C		W5WQB/4	67,470-346-65-C-40					
W24YAE		66,882-314-71-B-20		K5SCP	16,779-119-47-C-10					
WB4TDH		259,590-1018-85-C-10		West Texas	W5VGH	260,919-547-159-A				
W4OO		61,008-328-62-C-10			K7D5A	2,277-33-23-C-80				
Tennessee	W4XJ	1,327,404-1742-254-C			W5SUDX	126,063-609-69-C-15				
	AK8M/4	117,729-129-127-B			6	East Bay	N6EK	448,020-786-190-B		
	NL4B	41,310-135-102-A					W6FSJ	383,838-703-182-C		
	K4YPP	40,296-184-73-B					NF6S	313,740-630-166-C		
	AA4WX	26,550-150-59-C					K2GMK	47,214-258-61-C		
	W4AY (W44ZU,op)	2,268-36-21-B					K6SIY	32,706-138-79-B		
	K4AMC	273,672-1086-84-C-20					W6EYC	17,856-93-64-C		
	N4ZZ	352,968-1337-88-C-15					K5HG	33,600-224-50-C-20		
	K4UJZ	132,284-668-66-C-10		W6BSY			131,100-575-76-C-15			
	Virginia	W4MYA	855,036-1566-182-C				WZ6Z	147,420-585-84-C-10		
K3RV		535,107-1667-107-C		Los Angeles			W6AE	801,900-1188-225-C		
WB4BVY		303,845-653-155-C			NS6A	401,232-643-208-C				
K4BAM		292,962-622-157-B			K6EID	361,284-644-187-C				
WU4G		267,288-518-172-A			W6NNV	173,799-369-157-B				
N9PFS		265,200-520-170-C			N6IBP	87,912-264-111-B				
K4FPP		223,947-447-167-B			N8JZ	55,776-224-83-B				
AA4XU		197,478-477-138-C			W6MFC	51,678-198-87-C				
N4ZR		154,800-400-129-B			W8KIE/6	43,077-173-83-B				
AA4UJ		111,216-331-112-C			K1EQN	24,570-195-42-A				
K4OD	106,110-270-131-C		W6CN		17,286-134-43-B					
AA4YU	75,684-238-106-A		NE6I	810-27-10-C						
NF4JHY	73,656-198-124-B		Montana	N6LL (W6ACDR,op)	1,377-27-17-C-160					
W4JTM/4	71,340-205-116-B			K5KT/6	52,704-288-61-B-40					
K6ETM/4	55,521-199-93-B			W6TLLA	20,424-148-46-C-20					
W4KMS	51,615-155-111-C			WAZZTN/6	75,072-391-64-C-10					
N3RC	51,284-192-89-B			AIGZ	53,754-289-62-C-10					
N4MM	50,796-204-83-C			Oregon	NS7M	199,305-515-129-C				
W4AUBD	26,220-115-76-C				K24H/7	28,032-148-84-B				
K4ACEB	4,200-40-35-C				W6PBI/7	33,480-186-60-B-10				
W4OCF	2,850-38-25-B				Nevada	NS7UTM	199,305-515-129-C			
W4EY	129,024-672-84-C-40					K7ABV	97,902-518-63-C-10			
W4EY	51,840-288-60-C-40		Idaho			NS7UJ	14,820-95-52-A			
K4YT	52,883-283-87-C-10					KA7T	35,378-268-44-C-15			
W3FTG	10,206-81-42-B-10					Arizona	NQ7M	370,548-657-188-B		
W4EZ	8,840-78-30-B-10						W7LGG	64,152-243-88-C		
WB4DNL	3,192-38-28-B-10						K7EFB	147-7-7-C		
Washington	NS7W	239,838-563-142-C					W7EGA	65,352-389-56-C-40		
	NS7R	198,630-211-110-C					W7TJ	60,264-372-54-C-10		
	NS7Q	64,500-250-86-B					California	NS7UJ	14,820-95-52-A	
	NS7P	4,536-56-27-C-15			KA7T			35,378-268-44-C-15		
	NS7O	203,580-870-78-C-20			Colorado			NQ7M	370,548-657-188-B	
	NS7N	97,902-518-63-C-10		W7LGG				64,152-243-88-C		
	NS7M	199,305-515-129-C		K7EFB				147-7-7-C		
	NS7L	28,032-148-84-B		W7EGA		65,352-389-56-C-40				
	NS7K	33,480-186-60-B-10		W7TJ		60,264-372-54-C-10				
	NS7J	14,820-95-52-A		Utah		NS7UJ		14,820-95-52-A		
NS7I	35,378-268-44-C-15		KA7T			35,378-268-44-C-15				
NS7H	14,820-95-52-A		Western Washington			NS7UJ		14,820-95-52-A		
NS7G	35,378-268-44-C-15					NN7L	1,663,110-2174-255-C			
NS7F	14,820-95-52-A					N7TT	1,534,107-1901-269-C			
NS7E	35,378-268-44-C-15				KR7G	827,424-1352-204-C				
NS7D	14,820-95-52-A				K7RIE	664,020-1020-217-C				
NS7C	35,378-268-44-C-15				K7WA	523,068-958-182-B				
NS7B	14,820-95-52-A				K7RA	361,860-652-185-B				
NS7A	35,378-268-44-C-15				N7HUS	286,419-593-161-B				
NS7Z	14,820-95-52-A			W7IIT	277,920-579-160-C					
NS7Y	35,378-268-44-C-15			N7KZN	224,808-493-152-B					
NS7X	14,820-95-52-A		N8AX	209,751-503-139-B						
NS7W	35,378-268-44-C-15		K7S5	167,844-394-142-B						
NS7V	14,820-95-52-A		K7NW	162,864-348-156-C						
NS7U	35,378-268-44-C-15		W7QN	94,500-300-105-C						
NS7T	14,820-95-52-A		W7UUVJ	83,334-323-86-B						
NS7S	35,378-268-44-C-15		W7MUCU	81,648-189-144-C						
NS7R	14,820-95-52-A		N7LOX	49,164-241-68-B						
NS7Q	35,378-268-44-C-15		N7EPD	43,425-193-75-B						
NS7P	14,820-95-52-A		K7LXC	8,811-89-33-A						
NS7O	35,378-268-44-C-15		W7VHI	3,750-50-25-C						
NS7N	14,820-95-52-A		W7DRA	144-8-6-B						
NS7M	35,378-268-44-C-15		W7RKJ	302,160-1259-80-C-20						
NS7L	14,820-95-52-A		NX7K	300,672-1044-96-C-15						
NS7K	35,378-268-44-C-15		N7RO	206,280-955-72-C-15						
NS7J	14,820-95-52-A		W7WA	294,570-1091-90-C-10						
NS7I	35,378-268-44-C-15		Wyoming	K7MM	631,734-998-211-C					
NS7H	14,820-95-52-A			W7CS	18,081-123-49-C					
NS7G	35,378-268-44-C-15			NC7O	4,290-55-26-C					
NS7F	14,820-95-52-A			8	Michigan	NABV	2,218,437-2613-283-C			
NS7E	35,378-268-44-C-15					W8UA	1,793,940-2062-290-C			
NS7D	14,820-95-52-A					N8CXX (K8JM,op)	1,340,238-1807-278-C			
NS7C	35,378-268-44-C-15					W8TWA	512,775-795-215-C			
NS7B	14,820-95-52-A					W8VSK	389,340-630-206-A			
NS7A	35,378-268-44-C-15					K4FW/8	172,860-430-134-C			
Illinois	W8URM	114,954-322-119-B					W8URM	114,954-322-119-B		
	W8JRK	106,362-311-114-B				K8CV	98,838-289-114-C			
	K8VJ	98,838-289-114-C				K8TDJ	87,633-273-107-B			
	N8COA	52,599-197-89-A				N8QFA	52,599-197-89-A			
	K8OSF	29,574-159-62-B		NE8T	25,500-125-68-B					
	W8EGI	18,900-100-63-B		K8QVZ	4,680-52-30-B					
	K8QWZ	234,264-908-86-C-15		W8UUV	234,264-908-86-C-15					
	W8M	136,875-625-73-C-10		W8WVU	74,112-386-64-B-10					
	W8TJQ	33,990-206-55-B-10		W8TJQ	33,990-206-55-B-10					
	K8SB	13,200-110-40-B-10		W8SFF	1,500-25-20-B-10					
W8SFF	1,500-25-20-B-10		Ohio	W8SFF	1,500-25-20-B-10					
W8SFF	1,500-25-20-B-10</									

K0TO 152,825-407-125-B
W0RXL 61,380-186-110-C
W0MML 58,395-229-85-C
KF8T 54,600-200-91-C
W0HBE 44,037-233-63-C
W0NGB 35,784-166-71-A
W0B2V 24,633-119-69-B
W0LFP 5,670-63-30-C
K0IF 71,610-385-62-C 20
KR8B 310,788-1164-89-C 15

Missouri

NS0B 370,266-611-202-C
W0BOU 155,138-404-128-B
K0RWL 106,032-376-94-C
W3HDH0 88,776-274-106-C
W0PKO 42,174-198-71-C
KA0P 4,590-51-30-B
KM0L 6,720-64-35-C 80

North Dakota

NM0N 67,410-210-107-C
W0LHS 13,677-97-47-C
W0B0 18,360-153-40-C 40

Nebraska

K0SCM 645,474-1202-179-C
K0VBI 552,780-1110-166-C
K0SW 107,100-300-119-C

South Dakota

K0DEE 290,871-513-189-C
W0ANSY 15,105-95-53-C
K0ZZ 149,888-756-86-C 40

VE

Maritime-Newfoundland
VO1MP 1,601,538-1822-293-B
VE1FW 227,040-473-180-B
VO1AW 177,806-414-143-C
VE1NH 124,146-363-114-A

Quebec

VE2AY 688,662-1053-218-C
VE2FE 31,395-161-85-B
VE2BLX 10,488-76-46-A
VE2FU 172,992-848-68-C 40
VE2ICU 3-1-1-A-20

Ontario

VE3KP 632,214-1023-206-C
VE3ST 405,840-712-190-C
VE3BZR 101,745-285-119-C
VE3OOL 91,728-273-112-A
VE3TEE 71,064-252-94-B
NE3DZVE3 48,443-201-81-B
VE3DO 1,254-22-19-C 160
VE3CUI 2,964-38-26-C 40
VE3NYT 26,208-182-48-B 20
VE3NBE 20,790-126-55-B 15
VE2AEJ/3 81,144-392-89-C 10
VE3NXQ 12,978-103-42-C 10

Manitoba

VE4JB 263,160-510-172-C
VE4SN 9,600-100-32-B

Saskatchewan

VE5SG 16,074-141-38-B

Alberta

VE6BMX 22,707-87-87-C
VE6BF 80,940-355-76-B 15
British Columbia
VE5RA/7 473,100-950-166-C
VE7BSB 5,368-47-38-B
VE7FTL 2,736-48-19-C 80
VE7DLM 130,748-586-77-B 15

Multioperator

Single Transmitter

1
K1IU (+NS1) 2,679,804-2757-324-C
W1XS (+NQ1F,KD2SX) 1,701,375-1745-325-C
K1VR (+KM3T) 1,579,662-1791-294-C
KA1KPH (+NC1B) 898,884-1218-246-C
AK1A (+NET) 781,376-1232-206-C
K1IM (+NET) 507,780-543-190-C
K1TR (+NET) 309,510-558-183-B
NO1I (+NET) 244,982-483-169-C
KA1CB (+NET) 210,540-401-180-C
N1TZ (+NET) 201,168-381-176-C
K1CC (+NET) 97,350-295-110-C
KA1CLV (+NET) 61,596-174-118-C

2

KY2J (+KA2s TIP,VQY,KU2Q,NA2N,WB2Q) 2,793,630-2510-371-C
K2SG (+N2EA,W259C) 2,129,595-2119-335-C
K2NJ (+KQ2O,NR2H) 1,984,160-2046-320-C
N2NU (+WA2IU) 1,584,468-1726-306-C
WB2P (+NET) 945,852-1058-296-C

K2QMF (+KA2UJH) 633,833-1001-211-C
K2TD (+NET) 544,550-866-225-C
W2UI (+N3KR) 448,920-696-215-C
WB2K (+NET) 223,839-399-187-C

3

W3BGN (+K2TW) 2,897,424-2736-353-C
AA1K (+NET) 2,798,280-2591-360-C
K5DZ/3 (+K3UA) 2,652,639-2593-341-C
W3GG (+KS1G) 2,495,124-2567-324-C
N2FB (+K3YDX,KC3X,WB6VGI) 2,445,552-2516-324-C
K3WUW (+W4FOA) 1,884,420-2204-285-C
K3NZ (+KA3MND,KU3X) 1,489,565-1695-289-C
KQ3F (+NET) 1,456,704-1686-288-C
K3YL (+NET) 1,287,900-1590-270-C
N3LR (+NJ3A) 1,279,488-1568-272-C
K3IE (+KB3MM,N3ARK) 1,226,526-1537-266-C

W3MA (+NET)

1,224,405-1365-299-C
NN3Q (+NET) 1,028,304-1158-296-C
K3YGU (+NET) 884,520-1170-252-C
K3UEI (+NET) 624,024-972-214-C
W3AZ (+NET) 500,556-707-236-C
NA3K (+K3NL) 416,430-661-210-C
N3RW (+N3HW) 373,746-746-167-C
K3ANS (+K3YD,KD3HS) 228,420-405-188-C
K3ND (+NET) 199,755-345-193-C
KW3Z (+NET) 177,795-439-135-C
WA3JZ (+NET) 122,688-284-144-C
N3II (+NET) 113,184-262-144-C
NK3U (+NET) 75,960-211-120-B

4

N4KG (+NA4B,KU4J) 2,464,800-2528-325-C
W3YY (+NET) 729,000-1080-225-C
N4AU (+N4LZK) 240,036-482-166-C
W4RV (+K1FR) 34,632-148-78-C

5

KR0Y (+NET) 1,948,860-2005-324-C
WF5E (+K5CFA) 946,440-1320-239-C
NA4QS 753,567-1051-239-B
W5EHM (AA5BT,WB5VZL,ops) 722,160-1003-240-C
N7KA (+A19X) 496,980-1004-185-C
W5ASP (+NET) 399,360-832-160-C

6

W6REC (+N6TIB,W6FAH) 1,052,058-1354-258-C
K6GGF (+NET) 1,014,972-1124-301-C
N6JV (+NET) 826,344-996-276-C
AF6S (+NET) 501,228-819-204-C
AD6E (+NET) 427,020-647-220-B
K2ITG/6 (+NET) 370,182-599-206-C
K6MA (+NET) 252,234-486-173-C
W6OAT (+WX5S) 211,248-326-216-C
K6LRN (+NET) 188,948-361-156-C
K6JV (+NET) 165,075-355-155-C
W6CI (+NET) 129,792-338-128-C
K6TQ (+K6MO) 127,512-322-132-C
A6JV (+NET) 122,625-327-125-C
W6ALLY/6 (+NET) 120,900-310-130-B
W6OSP (+NET) 105,984-278-128-C
KE6WL (+NET) 80,516-164-123-C
W6WD (+NET) 59,388-202-98-B
KD6NT (+NET) 30,429-161-63-C
NT6G (+NET) 6,762-49-46-C
N6VR (+NET) 6,324-62-34-C

7

N7NG (+WA6AU) 1,745,100-1939-300-C
K6TV (+NET) 860,312-1019-216-C
KA7CSE (+ops) 58,536-271-72-B

8

W8FN (+KU8E) 1,852,200-2058-300-C
W8EDU (AF8A,WB8WTS,ops) 225,504-522-144-C
K8CC (+NET) 215,985-605-119-C

9

NA9J (+K9LJN,K9S0) 1,810,215-2385-253-C
K9UWA (+K9FW,KA9A,KE9AG,KR9U,NO9H,W9FC) 1,228,338-1587-258-C
N9BK (+KQ9O,NW9T) 58,092-206-94-C

0

K0RF (+W0UA) 2,600,631-2651-327-C

W0NA (W0s AR,CY,YR,WB0ZP,ops) 380,472-764-166-C
W0BS (+KT0F) 120,912-458-89-C

VE

VE6AO (VE6s AFO,AEM,AMR,CAO,CIZ,EY,JO,KC,LES,LP,PY,ops) 307,500-820-225-C

Two Transmitter

K1AR (+K1s EA,GQ,KC1F) 6,892,194-5186-443-C
N3RS (+WM2H,K3JJG,N3s NA,RD,W3XU) 5,781,849-4451-433-C
K4VX0 (+K4XU,K9BGL,KA9VAK,N9JF,W9WI,NS0Z,W00G) 5,496,942-4502-407-C
WM5G (+AASD,K5s RX,SXO,KC5DX,KM5R,KW5P,NS1WA,NJ5N,KO5Y) 4,831,083-3807-423-C
N6RO (+K3EST,K6TM,N6s IG,KT,NB6G) 4,561,716-3919-388-C
K2LE/1 (+K2SX,N2UN,W2AX,AA6RX) 4,406,265-3855-381-C
N2MG (+KC2FD,K2DR,NQ2D) 4,215,375-3747-375-C
KO7N (+W7L,W7As FXO,ZD7,WG7N,W7s R,S,N0X) 3,249,900-3450-314-C
K8AQM (+AC8W,K8MD,K8BECG,K18W,K18A,W8IC,W9NFF) 2,505,195-2651-315-C
W3NX (+N8NA) 1,685,430-1830-307-C
K1XM (+KQ1F) 1,667,952-1716-324-C
WR6R (+K4UVT,AK6T,K6s XO,ZM,K16Z,W6RGG) 1,330,944-1733-256-C
W6TMD (+K86RF) 1,030,446-1311-262-C
KS3F (+NE3F) 964,158-1222-263-C
N6IC (+AD6C,N6s DX,UR) 258,330-545-158-C

Unlimited

W3LPL (+KA1GD,WB2EKK,K3s RA,TM,ZZ,KF3P,KT3Y,N3GB,W3EKT,WB3JRU,NW5E,W6AMZ) 8,953,832-8192-482-C
NR5M (K2TNO,K5s GA,GN,LZO,WA,KE5IV,KZ5M,N5EA,ops) 7,370,745-5045-487-C
K1ST (+K1s BG,FWE,MNS,N1s ATN,ELN,NB1H,WA1TFH,N18L) 7,020,900-5390-435-C
KY1H (+KB1W,KM1P,KR1R,KT1O,NB1Y,NS1M,AK4L) 6,252,774-4939-422-C
WB4H/9 (+W0FV,K0NB,K0ST,N0BSH,W0UC,W00GGM,N09C) 5,798,520-4690-413-C
W3GM (+AB2E,K3s ND,VW,KASPT,N2EA,N02U,NZ2R,W3FV,W4C2,WB2R,AA4II) 45,184,712-3498-399-C
K1RX (+KA1s CL1ON,N1EPU,KC8PE) 3,155,166-2946-357-C
K3WW (+NET) 3,019,896-2706-372-C
K1DG (+NET) 2,719,723-2249-329-C
K3PK (+NET) 2,006,643-2137-313-C
N3BNA (+NM2Y) 5,972,152-2107-312-C
NF2L (+K2BU,KY2T) 1,308,968-1534-284-C
K3RL (+NET) 227,955-455-167-C

DX CW

Africa
Morocco
CN8FC (AA4U,op) 1,505,838-2221-226-B
Canary Islands
EA8AB 563,160-988-190-B
EA8BE 156,612-421-124-B
EA8IR 38,979-183-71-B
South Africa
ZS1VP 22,116-194-38-B 10
Tanzania
5H1HK (JE3MAS,op) 1,545,048-2488-207-B
Zaire
9Q5DX (WN7S,op) 1,047,990-1810-193-C

Asia

China
BY1QH (NS7Z,op) 11,400-100-38-C
Korea
HL0FN 22,833-129-59-B
HL0CA 18,480-112-55-B
HL1CG 45,012-341-44-B 20
HL0EP 21,879-187-39-C 20
HL1LW 48,528-337-48-B 10
Japan
JA7FWR 1,748,682-2491-234-C
JH7WQK 1,491,120-2280-218-C
JH7DNO 1,489,098-2246-221-C
JF1PLW 1,067,310-1770-201-C
JH7XGN 992,775-1525-217-B
JM1LRQ 666,936-1256-177-B
JA7SUR 648,885-1195-181-B
JA2EU 642,252-1196-179-C
JH4NMT 552,036-1028-179-C
JA9CJW 483,171-953-169-C
JK3GAD 456,960-952-160-B
JH3CXL 445,776-1004-148-C
JR3BOT 445,008-1016-146-C
JE1AER 350,700-835-140-B
JA9RPU 207,897-529-131-A
JA2VUP/3 194,256-568-114-B
JA8AJE 175,698-454-129-B
JA6JYS 173,013-571-101-B
JE7RJJ 150,282-414-121-B
JR1IOS 138,384-372-124-A
JA1JGH 137,214-378-121-B
JU1GQH 129,537-389-111-B
JR4GPA 101,559-349-97-A
JU3JJ 99,831-311-107-A
JA7ASD 85,263-293-97-B
JR3XEX 85,260-290-98-C
JA6YAI (JG6ZOC,op) 79,800-266-100-C
JA5IP 59,241-217-91-C
JA6BWH 55,080-216-91-B
JA1GTF 49,914-177-94-C
JE4VRF 48,960-204-80-B
JA3UWV 43,068-194-74-B
JA6BMS/1 35,088-172-68-A
JA2DN 35,052-254-46-B
JA3ARM 27,081-153-59-B
JA9YE 24,960-128-65-B
JR7DPU 24,453-143-57-B
JO1QZI 22,656-128-59-B
JH1PXV 21,948-118-62-B
JA4VAD 21,420-119-60-B
JG2IGY 20,574-127-54-A
JA1BU 13,674-106-43-B
JA0BPY/1 12,408-88-47-B
JF1GJW 9,462-83-38-B
JG3EHD 8,118-66-41-B
JA1KKA 7,560-63-40-C
JH8RGO 6,030-67-30-A
JE8RUJ/7 6,008-77-26-B
JG7JZB 4,992-64-26-B
JH6BR 4,374-54-27-A
JF2MTW 3,038-46-22-B
JA1TZ 2,684-37-24-B
JZ2AAF 1,953-31-21-B
JA2VP 1,827-29-21-C
JG1RYQ 1,440-32-15-A
JG1RDV 968-23-14-B
JA3OL 918-18-17-B
JH3CYZ 80-1-2-C 160
JE1SPY 3-1-1-C 160
JA1BWA 8,424-117-24-C 80
JR8XOJ 2,772-77-12-B 80
JG1XLV 297-33-3-C 80
JA6JHA 108,528-646-56-B 40
JA3YKC (JH4RHF,op) 76,956-484-53-C 40
JA1AD 72,072-462-52-C 40
JA8JMV 69,642-438-53-B 40
JA5JCC 40,905-303-45-B 40
JA1JKG 30,240-224-45-C 40
JA6SHL 12,006-138-29-B 40
JA1QWL 1,806-43-14-B 40
JA7RXU 1,280-35-12-C 40
JF1SQC 600-20-10-A 40
JA2JLG 458-19-8-A 40
JF2LTH 165-11-5-A 40
JA7FTT 143,298-838-57-C 20
JH7OJ 34,290-254-45-C 20
JA7BE 28,928-187-48-C 20
JA1WYQ 14,783-133-37-B 20
JAZWZ 7,524-76-38-B 20
JF4WKV/1 2,100-35-20-B 20
JA2KPV 864-24-12-B 20
JA8HC 128-7-6-C 20
JA3YBF (JA4-37631,op) 179,828-1071-56-C 15
JA9NFO 153,048-911-56-C 15
JA7YQ (J17GBI,op) 120,780-732-55-C 15
JL1EDB 118,140-716-55-B 15
JA6YCU 99,825-605-55-B 15
JR3WXA 52,800-352-50-C 15
JA2YAU (JE7MAV,op) 37,050-247-50-B 15
JA4ETH 28,413-231-41-B 15
JR7CDL 25,344-192-44-B 15
JRSFHC 14,145-115-41-B 15
JA9TSJ 13,542-122-37-C 15
JO1ACW 11,988-111-36-A 15
JS1OSP/1 11,855-111-35-B 15
JA8BJY 9,180-102-30-B 15
JETJZT 5,964-71-28-B 15
JA8RIE 5,228-67-26-A 15
JH1BUB 792-22-12-A 15
JL1DUJ 336-16-7-B 15
JH7HOD 144-8-6-A 15
JH6HR 215,655-1307-55-B 10
JA8RWU 177,744-1058-56-B 10
JA9YBA (JA9VDA,op) 172,920-1048-55-C 10
JG1NBD 171,879-1081-53-B 10
JA1KFX 157,464-972-54-B 10
JR3NZC 126,048-808-52-B 10

JF1SEK 92,976-596-52-B 10
JG3KIV 88,893-581-51-B 10
JA2AXB 82,650-551-50-B 10
JA1SVJ 69,231-491-47-B 10
JA6BIF 47,775-325-49-B 10
J11JVJ 45,264-328-46-B 10
JR8BOD 43,832-303-48-B 10
JU1VRO 40,898-266-51-B 10
JG1GGF 33,087-269-41-B 10
JA7XBG 29,256-212-46-B 10
JA8CJY 27,864-216-43-B 10
JA1OP 23,736-184-43-B 10
JA2DHL 19,152-152-42-B 10
JH7JHM 18,840-157-40-B 10
JH4UTP 17,928-166-36-A 10
J11LA 17,082-148-39-B 10
JA1DFQ 16,848-144-39-B 10
JH6TYD 13,653-123-37-B 10
JA1EMQ 12,741-137-31-B 10
JA2AJA 12,636-117-31-B 10
JA1BUN 4,262-81-34-B 10
JG1GZV 4,464-62-24-B 10
JR2JV 3,933-57-23-B 10
JA3DLE/1 3,450-50-23-B 10
JA6WIF 1,710-30-19-B 10
JEIUR 741-19-13-B 10

Jordan

JY9SR 54,492-239-76-B

Unlimited RSFSR

UA6LT 1,560,510-2477-210-C
UZ3CWW (RV9CFA,op) 500,310-981-170-C
UA0QBA 247,203-681-121-C
UA9QA 233,160-580-134-C
UA6CD 224,136-566-132-C
UA6CBR 181,280-448-120-C
UA6TS 135,750-382-125-B
UA6LH 111,900-373-100-C
UA6CM 84,150-275-102-C
RA6JY 66,720-278-80-B
UA6FJZ 59,535-245-81-B
UA6WNR 58,032-248-79-B
UB6J 52,479-343-51-C
UA6CP 45,396-194-76-B
UA6URF 38,592-182-67-B
UV6CQ 32,913-159-69-C
RA6JD 31,758-158-67-B
RA6UKM 30,504-248-41-B
RA6SR 23,352-139-56-C
UA6FDX 4,272-89-16-C 80
UA6FZ 2,064-43-16-C 80
UA6SAU 192,930-1090-59-C 20
UA6WCQ 160,893-909-59-C 20
RA6JJ 125,721-887-61-C 20
UA6YC 120,728-706-57-C 20
UZ6HV/UA6Q 112,365-681-55-B 20
UA6XHT 94,446-583-54-C 20
UA6UPG 19,479-151-43-C 20
UA6XCI 10,878-98-37-B 20
UA6WA 7,654-79-32-C 20
UA6CS 648-24-9-C 20
UA6SR 29,283-227-43-C 15
UA6ACX 7,812-93-28-B 15
UA6OAF 4,650-62-25-C 15
UA6FA 18,792-174-36-C 10
UA6XB 17,280-160-36-C 10
UA6YNC 4,425-59-25-B 10

Azerbaijan

UD6DKW 21,744-151-49-C
UD6DF 8,832-92-32-B 20
RD6J 4,899-71-23-C 10

Georgia

UF6AC 21,747-159-131-C
UF6FAL 22,951-543-49-B
UF6CX 18,972-186-34-B 20

Uzbekistan

UI9AQ 29,970-222-45-B 20
RI8BQ 5,460-65-28-B 20

Tadzhikistan

UJ8JCM 71,808-272-88-A
UJ8AQ 2,898-42-23-C 20
UJ8JA 37,506-266-47-C 15
UJ8XDH 9,282-119-26-B 10

Kazakhstan

UL7CF 309,213-731-141-C
UL7CD 4,293-53-27-B
UL7GD 27,186-197-46-B 20
UL7BX 44,556-316-47-B 15
UL8LWF 24,420-220-37-C 10
UL7BY 13,344-139-32-C 10

Kirghizia

UM8DX 68,484-439-52-C 20
RM8MO 45,750-305-50-C 20
UM8MCF 10,098-102-33-B 20
RM8MA 17,604-163-36-C 15

DK8SA (DJ1YJ,op)	287,826-623-154-C	G4CNY	232,389-1359-57-B-15	L2ZAX	83,400-556-50-C-10	OK3UG	26,190-194-45-B-10	SPIAEN	21,870-135-54-B
DL1TH	209,844-422-134-C	G3MXJ	165,816-987-56-B-15	LZ1KVZ	76,140-564-45-C-10	OK1MNW	14,688-136-36-C-10	SP5CJQ	14,061-109-43-A
DL5XAS	195,048-504-129-B	G4BK1	73,062-451-54-B-15			OK2PNO	14,595-139-35-C-10	SP9EQS	8,175-109-25-C
DK2OY	190,017-491-129-B	GB5DX (G8CLY,op)		Austria		OK2PBG	10,656-111-32-A-10	SP9FKQ	234-13-6-B-80
DL7CF	180,498-449-134-C		12,240-120-34-B-15	OE3JOS	253,524-571-148-C	OK2BHE	9,450-105-30-B-10	SP9DGO	135-9-5-C-80
DL2HQ	172,989-447-129-A	G3SXW	205,713-1203-57-B-10	OE3RE	132,480-384-115-B	OK2BGO	8,214-74-37-B-10	SP3BR	78,069-491-53-C-40
DJ4OE	165,996-477-116-C	G3SQX	72,150-481-50-B-10	OE9SLH	65,988-284-91-A	OK2BHO	6,552-78-28-C-10	SP5ELA	55,554-394-47-B-40
DL20BF	165,564-438-126-B	G4ARI	23,760-198-40-B-10	OE7SEL	6,696-62-36-B	OK1M5O	4,464-62-24-B-10	SP2FAP	27,135-201-45-B-40
DK3LM	143,352-362-132-A	G6KZD	20,298-199-34-B-10	OE6IMB	46,224-321-48-B-10	OK1DKH/P	4,260-71-20-A-10	SP5JFK	11,882-118-33-B-40
DL2HBX/A	137,880-383-120-A			Finland		OK3YDP	1,581-31-17-B-10	SP9CVY	3,465-55-21-B-40
DL4YAO	128,412-348-123-B	Scotland		OH1AF	1,398,879-2091-223-C	OK2PXPJ	252-12-7-B-10	SP3UJA	3,300-50-22-C-40
DL1ZQ	128,064-368-116-B	GM3LYY	226,440-510-148-B	OH6YF	1,082,988-1796-201-C			SP7FCX	2,115-47-15-B-40
DL4FN	123,735-365-113-A	GM4HQF	67,032-266-84-A	OH2PM	932,988-1532-203-C	Belgium		SP2ASJ	49,565-367-45-B-20
DL2GBB	79,002-231-114-B	GM4CFM	193,104-1192-54-B-10	OH2AQ	688,896-1248-184-C	ON4NY	551,598-1234-149-C	SP2JKH	20,064-152-44-C-20
DF4PD	46,305-315-49-C	GM3CFX	32,535-241-45-B-10	OH6AP	613,200-1168-175-C	ON1KFM	87,009-299-97-B	SP4GFG	12,075-115-35-B-20
DK8AX	40,800-170-80-B	Wales		OH4RH	477,840-905-176-C	ON6WC	80,655-283-95-B	SP3MEY	10,179-117-29-A-20
DF5XN	35,568-208-57-C	GW3NYY	318,600-708-150-B	OH3JF	311,892-658-158-C	ON8SWL	1,911-49-13-C-80	SP3MEY	9,600-100-32-B-20
DJ3GE	24,633-119-69-B	GW4UOL/P (G4UOL,op)	246,024-536-153-B	OH6NEV	133,623-441-101-C	ON4NG	43,218-294-49-B-20	SP2JKC/3	189,486-1089-58-C-15
DL6SF	22,572-128-38-A	GW3HGJ	15,228-141-36-B-40	OH3NM	119,667-353-113-C	ON8LO	23,985-195-41-B-20	SP6HEK	63,666-393-54-B-15
DL9MDW	20,798-198-54-A	GW3JJI	26,322-214-41-B-20	OH6MM	93,024-323-96-B	ON5MT	7,560-84-30-B-20	SP7STU	17,200-144-40-B-15
DL6ZBN	13,674-106-43-C	GW4BLE (G3WVG,op)	280,056-1667-56-B-10	OH1AI	40,950-195-70-C	ON7TC	14,904-138-36-B-15	SP5KVV	119,808-768-52-C-10
DL4GBR	13,500-150-30-A			OH1NSJ	9,450-70-45-B	ON5CW	4,752-66-24-B-15	SP5DIR	78,030-510-51-C-10
DF3ON	11,880-88-45-B	Hungary		OH7MA	224,448-1336-56-C-20	Faroe Island		SP5ALV	41,712-316-44-A-10
DL1SFB	10,125-75-45-B	OH7NN	1,161,888-1862-208-C	OH1AA (OH1SY,op)	95,742-591-54-C-20	OY3QN	163,944-1012-54-C-10	SP3SUX	36,584-277-44-A-10
DL2DBS	1,677-43-13-B	HA0NNN	667,584-1216-183-C					SP3LPR	9,156-109-28-B-10
DL2ZAE	122,430-742-55-C-40	HA0HW	426,666-799-178-C	OH17NW	6,384-76-28-B-20	Denmark		SP9AJT	6,840-76-30-B-10
DK8LN	57,876-364-53-B-20	HA3NU	273,294-723-126-B	OH1DLKAV	189-9-7-A-20	OZ1LO	1,929,096-2748-234-C		
DL0U (DL4AAE,op)		HA6NW	225,792-588-128-B	OH6MCW	219,744-1308-56-C-15	OZ4RS	269,892-714-126-B	Greece	
DL4RX	141,246-826-57-C-15	HA5KF	165,402-1021-54-C	OH5NFS	80,676-498-54-C-15	OZ7OP	58,743-183-107-B	SV1RP/SV2	272,415-715-127-B
DL9OE	37,320-311-40-A-15	HA8LM	113,670-421-90-B	OH6NV	44,280-369-40-B-15	OZ5UJ	46,170-171-90-B	Crete	
DF4ZL	31,548-239-44-B-15	HA8XX	109,368-372-98-B	OH5RZ	819-21-13-C-15	OZ4CG	41,586-239-58-B	SV0CR/V9	42,480-177-80-C
DK8DF	200,070-1170-57-C-10	HA6IAM	100,116-324-103-B	OH6RC	16,200-135-40-B-10	OZ1JUV	13,653-111-41-A	Iceland	
DL8WV	164,883-1037-53-C-10	HA1SL	48,840-220-74-C	OH2EJ	15,873-143-37-B-10	OZ1JUZ	6,216-56-37-B	TF3SD	21,798-173-42-B-10
DF1LX	146,190-896-55-C-10	HA2RO	46,560-194-80-B			OZ1FTE	101,136-802-56-C-40	TF3CW	32,292-299-36-C-15
DF8WS	106,272-656-54-C-10	HA7ML	43,617-217-67-B	Åland Island		OZ2E	11,583-117-33-C-40		
DL5YAO	47,388-359-44-C-10	HA4DB	34,920-194-60-B	OH8PA	78,957-283-93-B	OZ7HT	11,424-119-32-C-40	Kaliningrad	
DK70B	47,235-335-47-C-10	HA2MF	33,642-267-42-B			OZ5WQ	3,975-53-25-B-40	UA2ZF	209,976-673-104-C
DL50BG	40,098-326-41-C-10	HA8Z0	11,316-82-46-C	Czechoslovakia		OZ9BX	912-19-16-B-40	UA2EC	22,440-187-40-B-15
DJ1DB	25,440-212-40-C-10	HA7ZT	22,230-190-39-B-40	OK1ALW	2,423,250-3231-250-C	OZ4UX	84,504-503-56-B-20	European Russian RSFSR	
DL2JX	21,924-203-36-C-10	HA5AGS	26,190-184-45-B-20	OK2BFN	1,217,040-1844-220-C	OZ7YL	28,380-220-43-C-20	UZ4FWD	440,112-848-173-C
DL1GGT	19,188-164-39-B-10	HA6VA	11,220-110-34-B-15	OK1VD	985,017-1571-209-C	OZ3PE	28,224-224-42-A-20	UZ3VZ	376,329-799-157-C
DJ6TK	3,900-85-25-B-10	HA6WR		OK2HI	164,580-422-130-C	OZ9MM	1,092-28-13-B-20	UA4HFK	191,436-602-106-C
DF8AN	189-9-7-C-10			OK2ABU	146,109-431-113-B	OZ8MO	8,959-19-15-B-20	UA6HEE	152,781-401-127-B
		Switzerland		OK1KZ	144,228-404-119-B	OZ8X	42,159-299-47-B-10	UA3LAR	146,376-428-114-C
		HB9AGA	1,091,913-1829-199-C	OK1MIN	133,140-317-140-B	OZ8BAE	28,854-229-42-B-10	UZ3AC	128,400-107-10-C
		HB9BOU	196,500-500-131-C	OK1GS	130,305-365-119-B	OZ1BUR	23,940-190-42-B-10	UZ3AA	111,945-439-85-C
		HB9AGH	174,636-462-126-B	OK3FON	110,214-314-117-B	OZ7AX	2,268-42-18-B-10	UZ3AK	128,400-107-10-C
		HB9ADD	169,176-424-133-A	OK1MNW	100,751-339-103-B	OZ8E	720-20-12-B-10	UZ3AA	111,945-439-85-C
		HB9DDZ	96,360-292-110-C	OK3CEL	92,180-320-96-B	Netherlands		UV6HFK	87,210-306-95-B
		HB9DFY	95,400-300-106-B	OK1FGL	87,210-342-85-B	PA0CLN	381,270-710-179-B	UV3DN	81,528-316-86-C
		HB9QOL	67,158-246-91-B	OK1DXW	83,538-273-102-B	PA0XPQ	278,880-581-160-C	RW3AH	79,443-273-97-B
		HB9RE	46,833-233-67-B	OK1AXB	80,700-269-100-B	PA3CWL	241,776-552-146-B	RA3VA	77,962-254-101-B
		HB9XY	28,188-162-58-A	OK1DWC	57,474-206-93-B	PA3CFD	121,806-402-101-B	RA5YH	76,283-269-89-B
		HB9AYZ	9,612-89-36-B	OK1BB	55,224-236-78-B	PA0JPA	97,844-316-103-A	UA1FAM	67,575-265-85-C
		HB9DX	56,448-384-49-C-10	OK2KA	48,240-201-80-B	SM6LQ/PA	93,564-276-113-B	RV1AF	65,016-268-79-C
		HB9DAX	14,148-131-36-A-10	OK3TCF	42,639-233-61-B	PA0ABT	85,995-315-91-A	UV3DA	62,250-250-83-C
		Italy		OK1JFY	39,990-215-62-B	PA3DUA	61,509-203-101-B	UA1JBO	60,000-250-80-C
		IK0FWI	818,498-1421-192-B	OK1AJV	39,648-224-59-B	PA3BTH	50,844-223-76-B	UA4AL	52,398-213-82-C
		W5L7T/0	423,429-899-157-C	OK1FGS	37,590-179-70-B	PA0FC	29,784-136-73-B	UA4WFE	49,350-235-70-B
		I2SVA	337,365-765-147-C	OK1MZO	36,270-195-62-C	PA0YV	19,221-149-43-B	UA4RL	43,890-190-77-C
		IK0PK	85,680-255-112-A	OK1DKR	30,615-157-65-A	PA3CAL	12,972-94-46-A	UV8LE	36,480-160-76-B
		IK0FLX	45,390-178-85-B	OK3CXS	28,182-154-61-B	PA3ALV	11,742-103-38-B	UA4ANZ	33,165-165-67-C
		IK0FCE	18,432-96-84-C	OK3TFY	26,730-165-54-B	PA3BEJ	11,025-75-49-B	UA3THA	32,400-180-60-B
		I1VTX	357-17-7-B	OK1DZD	25,920-192-45-B	PA3BNH	10,580-80-44-B	UA1AUA	32,319-171-63-B
		IK4GNK	60-5-4-C-80	OK3CTX	25,308-148-57-A	PA3ELD	9,788-74-44-A	UA4NCI	29,058-167-58-C
		I2VXJ	141,960-845-56-C-10	OK3CWF	23,667-161-49-C	PA6PLN	7,980-76-35-B	UA6YHR	28,620-159-60-B
		IO7LMR	10,368-96-36-B-20	OK2PAW	18,900-128-50-B	PA3E0B	5,046-58-29-B	UA3QJC	22,500-150-50-B
		IV3ALI	5,184-72-24-C-20	OK2AJ	15,972-121-44-B	PA3BNT	3,420-57-20-B-40	UA3DRG	18,468-108-57-B
		IK0ADY	4,680-65-24-B-20	OK2QVZ	12,915-105-41-C	PA3REH	936-24-13-A-40	UA4QK	16,899-131-43-B
		I4IND	257,172-1478-58-C-15	OK3ON	10,701-87-41-B	PA0JUV	89,676-564-53-B-15	UA1NDR	15,450-103-50-B
		IK2GNS	142,725-865-55-C-15	OK1DJW	5,301-57-31-A	PA3DMH	41,952-304-46-B-10	UA4PNO	10,694-79-62-B
		I2K2HB	67,320-408-65-B-15	OK1FD	4,356-44-33-B	PA3BBP	29,832-226-44-B-10	RA4AI	14,824-82-44-C
		IK4HLO	56,301-383-49-B-10	OK2KHD	3,393-38-29-B	PA2CHM	11,340-105-36-B-10	UV6GE	10,788-124-29-B
		IK2EGL	190,350-1175-54-C-10	OK1JUD	2,040-34-20-B			RV6ACZ	9,936-92-36-B
		IO3VJQ	177,408-1056-56-C-10	OK1KRJ	960-20-16-B	Sweden		UA6LFG	2,331-37-21-B
		I1XPX	59,364-389-51-B-10	OK1DRQ	324-12-9-A	SK0PC	952,083-1793-177-C	UA3BYJ	180-10-6-B-80
		IK1GPH	7,482-86-29-C-10	OK1DFP	1,728-36-16-C-160	SM0DHU	684,138-1253-182-C	UV6NV	38,340-284-45-C-40
		Sardinia		OK1JDX	90-6-5-C-160	SM3EVR	618,129-1191-173-C	RA4PC	21,546-171-42-C-40
		IS90MH	159,375-425-125-B	OK2FD	8,073-117-23-C-80	SM6CCE	456,450-850-179-C	UA6LTI	17,535-167-35-A-40
		IS0LYN	51,840-192-90-A	OK1FGC	5,922-94-21-B-80	SM3GSK	323,379-609-177-C	RA3DX	15,720-131-40-C-40
		IS0LDT	2,442-37-22-A-10	OK2BCJ	66,939-421-53-C-40	SM3CER	225,654-526-143-C	UA6HRZ	15,540-148-35-C-40
				OK3CGN	6,804-81-28-B-40	SM6GBG	215,712-642-112-B	RA3EA	12,440-120-34-C-40
		Norway		OK3TEC	3,402-54-21-B-40	SM8BDS	180,972-457-132-B	RZ3DM	9,408-98-32-C-40
		LA1EE	199,800-450-148-C	OK3CVI	2,640-55-16-B-40	SK0UX (SM0JHF,op)		UA3JMY	672-16-14-B-40
		LA6FC	188,136-468-134-C	OK3KAG	161,112-958-56-C-20			UA4WI	181,956-1028-59-C-20
		LA1T (LA4BQ,op)		OK2PLH	42,900-275-62-B-20	SM5ARL	138,750-370-125-B	UA4ANO	142,062-713-58

N7ET/DU7 4,275- 75- 19-B 10
N7JQ/DU3 3,816- 53- 24-B 10

French Polynesia

F05IW 65,043- 297- 73-C

Marlana Island

KH8/KU2C 595,188- 1188-167-B

Guam

KD7P/NH2 1,336,608- 2018-221-C
NY6M/KH2 93,798- 579- 54-C 20
KG6DX 187,587- 1097- 57-C 15

Hawaiian Islands

KP2Z/KH6 3,081,720- 3368-305-C
N5CT/KH6 2,455,446- 3077-286-C
WL7E/KH6 287,280- 760-126-B
AH6JF 140,970- 370-127-C
AH80 38,840- 161- 80-A
VE7QO/AH6 247,800- 1475- 56-C 10
AH8IM 17,589- 143- 41-B 10

Australia

VK8XX 1,145,016- 2052-188-B
VK2APK 693,750- 1250-185-B
VK6HG 80,333- 221- 91-B
VK2BQQ 49,410- 305- 54-B 40
VK4TT 33,927- 263- 43-B 20
VK4XA 112,365- 681- 55-B 10

Indonesia

YC3HCM 355,515- 865-137-C
YB3AQ 228,008- 518-146-C
YB2FA 55,209- 239- 77-B
YB6EMJ 19,920- 186- 40-B 15
YI10I 14,280- 136- 35-B 15
YB2CTW 33,600- 280- 40-C 10

South Cook Islands

ZK1XP (SM4DHF,op) 228,746- 663-114-C

New Zealand

ZL3GQ 1,240,932- 1738-238-B

South America

French Guiana

FY4FC 3,477- 61- 19-B

Ecuador

HC2G (HC2SL,op) 306,800- 1825- 56-C 10

Argentina

LUIEWL 141,450- 410-115-B
LUSDVO 93,288- 598- 52-B 10

Peru

OAAZV 123,648- 736- 56-B 15

Aruba

P40GD (W2GD,op) 5,193,216- 5152-336-C

Brazil

PY2RLQ 89,523- 343- 87-C

Fernando de Noronha

ZY8FX (W9VA,op) 194,040- 1155- 56-C 20

Venezuela

YV1OB 39,555- 293- 45-C 160
4M7A (YV7QP,op) 93,333- 587- 53-B 40
YV5IWT 137,376- 848- 54-B 10

Trinidad and Tobago

9Y4VU 308,826- 1806- 57-C 15

Multioperator

Single Transmitter

Africa

EABRCT (OH2BH,OH2MM,ops) 1,523,397- 2237-227-C

Asia

JE2YRD (JF2EOC,J2KVM,J2CZL,J2R2SCJ, J2T0MD,ops) 31,559,925- 2311-225-C
JA7YAA (JH7GFO,JH8ORW, J3CJNL,ops) 1,452,954- 2143-226-C
JA7YAB (JH8MGJ,JA1-36363,ops) 1,121,168- 1841-203-C
JA3YDS (JF4LIR,JG3QBJ,JH9LYC, JI2KKY,JI3GAB,JI3sJBM,TWT, JMK9GV,ops) 961,155- 1643-195-C
JA7YRR (JA7s MQM,OZW,JH7VHZ,ops) 61,776- 396- 52-C

TA2AO (+ TA2s BU,DA)

94,470- 335- 94-B
UZBQWA (UA6sQDL,QN,ops) 1,597,554- 2454-217-B

UZ8CWA (UA8s CAD,CDI, CDX,RW8CA,UA8s CA,CN,CY,ops)

1,581,788- 2441-216-B
UZ9CWA (UA9sCGA,UV9CAF,ops) 454,020- 940-161-C
UA9SJY (+ UA9s SDR,SJZ) 264,828- 761-116-C
UZ9OWD (UA9-145s-233,338,339,ops) 149,577- 683- 73-C
UZ8SXF (UA8s SLT,SNR,-214-494,ops) 149,112- 436-114-B
UZ8KWT (UA8s KCL,KZ,UP2BMC,ops) 140,094- 543- 86-B
UZ8QXU (UA8s QEZ,-998-148,-998-296,-998-298,ops) 93,840- 391- 80-B
UZ9XWY (UA9-999s-1053,-1058,-1865,ops) 56,445- 265- 71-B
UZ9XXM (UA9s XF,-998-743,-998-972,ops) 28,860- 148- 65-C

UI9BWF (+ ops)

70,467- 283- 83-C
UL8LWO (UL7s LEB,LF,-826-788,ops) 157,614- 482-109-C
UL8CWW (UL7s CC,CT,-828-270,ops) 50,796- 249- 68-C

Europe

DF9RR (DJ0GK,DL7s AEN,AKC,ALM,APU, ON,SI,UX,ops) 1,608,984- 2292-234-C
DK7FP (+ DK7ZT) 819,456- 1408-194-C
EI7M (EI3DP,EI4s BZ,DQ,EI5FT,EI6BT,EI8s EI,GS,ops) 2,032,044- 2846-238-B

F5IN (+ ops)

2,727,972- 3393-268-C
GM3ZAS (+ GM3WIV) 71,145- 279- 85-B
HG1S (HA1s AG,AH,DAC,DAE,TJ,ops) 2,873,034- 3893-246-C
HG0D (HA0s DR,DU,HG,NAR,ops) 1,186,539- 1954-199-C
HA1KRR (HA1s DRM,DRR,XO,XU,ZN, ZI,ZP,ops) 1,048,320- 1792-195-C
HA8KCK (HA8s FT,FW,KH,ops) 519,537- 1037-167-C
HA8KZS (+ ops) 96,800- 322-100-C
HA5KDF 20,979- 189- 37-C
L22KIM (L22MP, + op) 39,396- 196- 67-C
OE1XTU (+ OE4s BKU,TSS) 1,048,746- 1697-206-C
OK1KQJ (OK1s AYP,ABZ,DC,DLE,DXS,ICM, VKX,ops) 1,270,752- 1891-224-C
OK2KOD (OK2s BDI,BGR,ops) 526,785- 1015-173-B
OK1OFM (OK1DRQ,OK1-19973,ops) 248,850- 553-150-B
OK2KYC (+ ops) 209,214- 591-118-B
OK2KDS (OK2s BXD,-31646,ops) 15,048- 88- 57-A
OK3KZA (OK3s AUI,CLM,YCT,ops) 14,916- 113- 44-B
OK1OPT (+ ops) 3,528- 49- 24-B
SK5DB (SM5s LRM,PAX,PEY,ops) 143,208- 442-108-C
SP2ZFJ (+ ops) 296,079- 613-161-B
UZ6LWZ (UA6s LV,-150-1104,-150-1336,ops) 756,756- 1386-182-C
UZ4HWS (+ ops) 587,724- 1139-172-C
UZ6AZR (UA6s BPU,-101-36,UW6AU,ops) 486,546- 977-166-B
UZ1TWB (+ ops) 356,706- 894-133-C
UZ3AWR (UA3s AEV,-170-1056,-170-1140,ops) 185,760- 516-120-B
UZ3AYR (+ ops) 151,200- 400-126-C
UZ3XWB (UA3s XAC,-127-200,-127-216,ops) 123,966- 428- 97-C
UZ3AWC (+ ops) 109,536- 652- 56-C
UZ3MWQ (UA3s MHI,MHY,MHZ,ops) 56,940- 260- 73-B
UZ4YWY (+ ops) 41,580- 210- 66-B
UZ6AXE (+ ops) 32,868- 249- 44-C
UZ4AXQ (+ ops) 30,810- 130- 79-C
UZ3XWM (UA3s XBY,XCT,ops) 1,485- 33- 15-B
UB3JWW (UB3JM,UB4s JCF,JJR,JFV,ops) 561,330- 1134-165-C
UB4QWW (RB5QW,UB5s QDU,-864866,ops) 465,612- 964-161-C
UB3WA (RB5II,UB5s IFZ,ICK,ops) 328,923- 681-161-C
UB4LWY (UB4LEZ,UB5s LIC,-877-1898,ops) 292,950- 630-155-C
UB4FWH (+ ops) 107,835- 455- 79-C

UB4VWN (3 ops)

66,240- 460- 48-C
UB4WU (UB5s-873-3825,-873-4293,-873-4328) 31,650- 211- 50-B
UB4IZH (+ op) 3,312- 46- 24-A
UC1AWK (UC2s AUZ,LCO,ops) 168,237- 603- 93-B
UC1WWM (+ ops) 33,306- 182- 61-B
UC1AWP (+ ops) 1,827- 29- 21-B
UO4OXW (RO4OR,RO5OO,ops) 11,760- 98- 40-C
UP1BYC (+ ops) 191,160- 1080- 59-C
UP1BYL (+ ops) 8,034- 103- 26-C
UR1RWX (UR2s RDJ,RHF,RJ,RRR,ops) 1,729,365- 2453-235-C
Y32CN (Y32s TN,WN,YN,ops) 455,940- 894-170-C
Y54CO (Y54s ML,NL,ops) 181,173- 461-131-B
Y43CF (Y21XF,Y43s OF,RF,ops) 170,952- 419-136-B
Y46CA (Y23IA,Y46KA,ops) 121,701- 359-113-B
Y42CB (Y42s WB,ZB,ops) 37,446- 158- 79-C
Y37CB (Y37s RB,WB,ZB,ops) 25,920- 182- 45-B
YT3T (YT3EW,YU3BQ,ops) 1,644,300- 2436-225-C
4N2D (NP2CG,YT2s DU,VM,YU2s FK,WQ,ops) 1,292,346- 2013-214-C
4N4B (+ ops) 677,180- 1320-171-C
YU2CCJ (+ ops) 683,462- 1271-174-C
4N2Y (+ ops) 650,700- 1205-180-B
YU7AJR (+ ops) 251,282- 594-141-B
4N4Y (+ ops) 153,384- 913- 56-C

North America

J88A (K4s LTA,PJ,WSPWG,WE5P,ops) 2,843,505- 3213-295-C
KP2A (K4s TEA,TKM,ops) 4,765,710- 4742-335-C
XE2EBE (AA6DP,N6PE,NF6H,op) 2,802,600- 3114-300-C

Oceania

KX6OI (NP2C,AB5K,WB5SQR,WB6SBH,ops) 2,194,995- 2761-265-C

South America

PJ2J (W1s BIH,WEF,ops) 4,381,746- 4373-334-C

Two Transmitter

Asia

JA1YXP (JH1UTP,JO1JOZ,op) 1,161,864- 1793-216-C

Europe

4N4C (+ ops) 2,060,289- 2973-231-C
SM5GMG (+ SM6LRR,SM6NSJ) 1,537,632- 2248-228-C

North America

6Y5L (WD8s AUB,LLD,ops) 2,572,317- 2887-297-C

South America

HK3MAE (+ HK3KME,HK7IMB) 155,868- 419-124-C

Unlimited

Asia

JA8YBY (JE8BRO,JH8s GFB,PNE,WBR, JO1DFG,JR8DHA,ops) 2,484,720- 3451-240-C
JA1YFG (JE7WBJ,JH8NZN,JJ3OLZ, JO1s IDL,RUR,JP1s JFG,OGL,JI1BRW, MY,OG,OH,ops) 2,129,166- 3033-234-C

Europe

I3JSS (+ I3s EVK,FIY,JTC,VHO) 3,861,750- 4750-271-C
YT2R (YT2FI,YU2s DQ,HO,IQ,LJ,MM,MP, MY,OG,OH,ops) 3,761,804- 4543-276-C

North America

WF8CVP9 (+ K8WW) 1,826,025- 2425-251-B

W/VE Phone

1

Connecticut

K1RU 2,606,901- 2167-401-C
K1CC 1,947,456- 1784-368-C
W1WEEF 608,256- 792-256-C
K1DD 532,389- 803-221-C
KC8PE 514,488- 776-221-C
K1BV 194,880- 460-116-C

N1FOO 141,384- 344-137-C
KH8VT/1 137,670- 353-130-A
K1RM 120,888- 276-146-B
N4XR 51,198- 161-106-C
AB1U 41,652- 178- 78-B
W1DO 30,000- 100-100-C
KA1UJ 29,376- 136- 72-A
WA1SHM 23,994- 129- 62-B
N1EFE 21,114- 102- 69-C
NF1J 15,300- 100- 51-B
KH8CP/1 5,394- 58- 31-A
KA1CZF 4,368- 44- 33-A
N1II 3,915- 45- 29-B
KA1JN 2,775- 37- 25-C
WB9AN 1,853- 29- 19-B 80
N8FA 169,545- 635- 89-C
W1QK 104,625- 465- 75-C 15
NO1Y 50,463- 267- 63-B 15
WA1NYU 14,592- 128- 38-B 15
KA1ZD 344,100- 1147-100-C
K1EF1 221,616- 684-108-C
WB1BXS 108,621- 447- 81-C
KA1RDX 104,076- 413- 84-C
W1HUE 7,752- 76- 34-B
WB1EPO (N/T) 612- 17- 12-B 10

Eastern Massachusetts

N6BV/1 2,783,550- 2410-385-C
K1VR 1,518,426- 1442-351-C
W1GHI 1,271,727- 1273-333-C
K1CLN 807,576- 1012-266-C
N1AJJ 384,678- 602-213-C
W1KRS 324,788- 544-199-C
KA1DWX 271,440- 464-195-C
N1FIO 171,678- 403-142-B
N1DEA 110,532- 302-122-C
W1FJF 83,394- 146-113-C
W1MK 34,170- 170- 67-C
K1LXJ 32,832- 144- 76-B
KB1RB 27,126- 137- 66-B
W1HNN 21,672- 86- 84-C
K1BT 12,972- 92- 47-B
N1CLC 9,963- 81- 41-B
W1FVZ 9,594- 78- 41-B
N1FVZ 4,680- 60- 26-B
W1UJR 4,329- 39- 37-B
K1ORJ 3,174- 16- 25-C
K1LSZ 912- 19- 16-B
NK1Z 89,558- 321- 93-B 20
N1UC 44,804- 236- 63-B 15
W1PLJ 825- 25- 11-C 15
AB1A 159,720- 605- 88-C 10
KA1LJR 74,115- 405- 61-B 10
W1EOT 49,842- 234- 71-C 10
KQ1V 37,788- 188- 67-C 10

Maine

K1AZB 504,600- 841-200-C
N1AFC 182,106- 453-134-A
N1GBL 79,104- 256-103-B
KA1DZP 35,478- 162- 73-B
W1MTR 21,924- 126- 58-B
K1UO 234,531- 759-103-C 20
KA1RLI (N/T) 38,018- 198- 64-B 10
N1AHO (N/T) 6,120- 60- 34-B 10
K1FUY (N/T) 6,075- 45- 45-B 10
N1FDU (N/T) 2,052- 36- 19-B 10
KA1NWLUM (N/T) 1,953- 31- 21-B 10

New Hampshire

KM1H (KQ2M,op) 3,299,796- 2582-426-C
W1PH 870,534- 987-294-B
K1PTF 45,540- 165- 92-C
K1TR 23,888- 117- 68-A
K1ALMR 3,510- 39- 30-A
W1VY 46,065- 185- 83-C 20
W2QL 62,822- 294- 71-B 15
KE1E 8,772- 86- 34-B 10

Rhode Island

WA2FTC 84,888- 262-108-B
N1EKC 17,595- 115- 51-B
WB7NRE 3,000- 40- 30-C
K2MM 23,978- 148- 54-B 20
W1RFQ 13,770- 102- 45-C 10
K1VSJ 16,875- 125- 45-B 10

Vermont

W3SOH 150,084- 379-132-B
WA1GUV 6,669- 57- 39-B
N1FHY 6,324- 62- 34-B
KF1CD 5,688- 79- 24-B
K1FJ 1,560- 26- 20-B
WA1OGC 867- 17- 17-B
NJ7J 31,950- 213- 50-C 20
KA1RRX 4,230- 47- 30-C 10

Western Massachusetts

W1BYH 197,100- 365-180-B
W1AUT 120,396- 316-127-C

2

Eastern New York

N2BA 1,736,568- 1626-356-C
KY2J 1,681,560- 1730-324-C
N2AIF 236,874- 407-194-C
WB2EAR 101,268- 291-116-B
KF2O 50,904- 188-101-C
K1ZM 4,500- 50- 30-C 160
K2IBW 32,190- 185- 58-C 20
WB2SPN 24,300- 162- 50-B 15

N2AZS 42,657- 241- 59-B 10
WB2MRX 2,457- 39- 21-B 10

NYC-Long Island

KD2TT 258,578- 418-207-C
W2MOY 183,057- 379-161-C
KA2NWO 118,874- 302-129-B
NN2C 73,800- 205-120-B
WA2OVG 41,310- 162- 85-B
NS2W 24,708- 116- 71-B
KK2E 24,321- 121- 67-C
K2BZW 15,045- 85- 59-C
W2GKZ 12,480- 80- 52-C
WM2E 7,992- 74- 36-B
WB2AMU 1,800- 30- 20-B 80
K2MEF 103,950- 385- 90-B 10
N2UN 21,600- 144- 50-C 10
K2KTT 11,664- 108- 36-B 10
KA2RSJ 3,726- 48- 27-B 10

Northern New Jersey

N2LT 2,358,342- 2142-367-C
K2Q 391,950- 670-195-A
K4BNC 172,280- 319-180-C
K3FNW 171,444- 364-157-B
W1GD 168,074- 311-178-C
WB2PAG 152,285- 355-143-B
W2AUDT 149,362- 386-129-C
W2PWH 143,662- 311-154-C
W2RQ 114,576- 308-124-C
WA8QOA 31,758- 158- 67-B
W9NTU 30,030- 143- 70-C
KT2D 29,376- 144- 68-C
W2AOY 18,585- 105- 59-B
N2COH 14,100- 100- 47-C
W2HCA 12,480- 80- 52-B
WB2JTE 1,800- 30- 20-B 160
W2FCR 1,350- 25- 18-B 160
N3AHF 6,208- 72- 38-C 80
K37KU 60,750- 250- 81-C 40
K3RWW 9,945- 85- 39-C 40
W2PFF 3,168- 44- 24-C 40
K2FHW 18,666- 102- 61-C 20
N2AA 312,225- 905-115-C 10
K2TW 263,615- 795-119-C 10
K2OLG 45,824- 172- 89-B 10
K2FE 15,372- 122- 42-C 10

South New Jersey

K2FL 512,556- 706-242-C
KD2I 319,029- 651-183-A
KF2U 236,860- 460-167-C
W2FGY 175,338- 382-163-C
W2PAU 164,304- 336-163-C
N2GLZ 128,232- 274-156-A
K2LCO 111,756- 278-134-B
K2HPV 56,837- 217- 87-A
W2SDO 48,546- 174- 93-C
K2SWZ 40,812- 179- 67-B
N2MR 37,082- 142- 87-C
W2EA 27,531- 133- 69-C
WA2VYA 27,432- 127- 72-C
KA2KFO 17,226- 99- 58-B
KA2YKN 6,158- 54- 38-B 10



Oscar, LU5DVO, operated 10-meter single-band CW to score first-place Argentina.



Rick, KJ8G, gave St Lucia out as a multiplier as KJ8G/J6L on CW and J6LSN on phone.



Hiromi, JA7FWR, poses at his Asia plaque winning station.

Wisconsin		
W5OP	255,840-	520-164-C
K9DGH	253,980-	498-170-C
WE9R	206,349-	407-169-C
NG9L	181,929-	407-149-B
W9GXR	172,956-	406-142-C
WE9V	130,788-	346-126-C
W9XT	117,450-	290-135-B
N19C	102,870-	270-127-B
WB9CV	57,888-	201-96-C
WB9CXV	32,364-	174-62-C
W9YCV	7,350-	50-49-B
WA9TZE	3,741-	43-29-B
K9YNF	56,160-	234-80-C 20
K9CAN	112,491-	431-87-C 15
WB9IH/9 (N8BSH,op)	252,054-	737-114-C 10
K09L	132,588-	508-87-C 10
WA9CDY	112,050-	450-83-C 10
W9GIL	63,525-	275-77-C 10
Colorado		
K8CS	684,057-	1091-209-C
W6GOQ	182,118-	478-127-C
K8GAS	92,313-	263-117-C
W6GOR	88,623-	229-129-C
K9BQL	65,793-	241-91-B
WB9WJ	38,880-	160-81-C
NV8R	29,400-	140-70-C
KV8Q	74,880-	416-60-C 40
K8ZJ	279,282-	1046-89-C 15
K9MWM/8	94,185-	483-65-C 10
N8ENI	49,980-	245-68-C 10
KA8FPJ	30,912-	184-56-B 10
Iowa		
W8E8	366,030-	581-210-C
K20C	239,220-	443-180-C
W8PPF	81,396-	228-119-C
W8MJN	42,705-	195-73-C
K8GT	31,847-	137-77-A
NV8V	17,400-	100-58-B
WA8DCB	16,677-	109-51-B
Kansas		
WE8A	339,066-	621-182-C
K80G	295,680-	440-224-C
WB8VJT	124,362-	329-126-B
K8VXU	55,125-	175-105-C
K8IEW	20,862-	114-61-C
WB8WPL	13,311-	87-51-B
N8FMR	9,120-	76-40-B
N8HYG	5,376-	56-32-B
W80E	1,710-	30-13-B
K8BFX	624-	16-13-B
K88U	101,100-	337-100-C 10
WD8FTZ/8 (N/T)	4,410-	49-30-B 10
Minnesota		
N8AT	816,627-	1051-259-C
AC8W	240,975-	459-175-B
W8UC	86,346-	246-117-B
K8BCWV	77,832-	276-94-C
KE8U	60,609-	227-89-A
W8NGB	51,606-	183-94-B
KS8T	45,402-	161-94-B
NZ8R	29,346-	134-73-C
W8ML	25,764-	113-76-C
W8RXL	22,116-	97-76-C

W8LP		
K10F	6,552-	56-39-C
KA8ZPP	18,207-	119-51-C 20
WB8GGM	42,066-	342-41-B 10
	32,538-	187-58-B 10
Missouri		
W80G	2,481,042-	2126-389-C
WB8KO	105,735-	265-133-C
WJ8I	62,478-	234-89-B
KM8L	49,020-	172-95-C
NS8B	8,307-	71-39-C
N8CEE	1,218-	29-14-B
N8JMT	756-	18-14-B
KA8P	243-	9-9-B
WB8GFV	15,120-	105-48-B 10
W880UI	3,975-	53-25-B 10
North Dakota		
NM8N	87,579-	263-111-C
KA8ZFX/M	17,304-	103-56-B
Nebraska		
K8GCM	419,430-	682-205-C
South Dakota		
KE8DV	184,704-	416-148-B
KD8EE	151,688-	318-159-C
WB8ACT	102,600-	300-114-C
K8CVF	33,660-	170-66-B
WB8UUU	25,515-	135-63-C
WR8Q	16,380-	105-52-B
VE		
Maritime-Newfoundland		
VO1MP	2,212,995-	2021-365-C
VO1AW	42,768-	176-81-C
VE1DX	5,040-	56-30-A
VE1GJ	85,293-	351-81-C 20
Quebec		
VE2AYU	457,632-	681-224-C
VE2GM	5,841-	59-33-C
VE2FU	18,720-	120-52-B 40
VE2FUR	882-	21-14-B 20
VE2EW	22,185-	145-51-C 15
VE2WAT	40,809-	223-61-C 10
Ontario		
VE3BXV	147,798-	306-161-C
VE2AEJ/3	11,040-	80-46-A
VE3TJL	10,575-	75-47-B
VE30MU	2,088-	29-24-C
VE3NYT	4,437-	51-29-B 20
VE3ICR	250,266-	787-106-C 15
VE3GRA	21,666-	157-46-B 15
VE3ACB	5,226-	67-26-C 15
VE3ST	36,600-	200-81-C 10
VE3NXQ	28,560-	170-56-C 10
VE3EVZ	9,006-	79-38-C 10
VE3VET	8,364-	82-34-B 10
Manitoba		
VE4JK	150,288-	496-101-C
British Columbia		
VE5RA/7	457,862-	919-166-C
VE7XO	131,544-	406-108-B
VE7FTF	792-	22-12-C 80
VE7EIK	244,098-	1146-71-C 15
VE7EKS	270-	15-6-A 10

Multioperator Single Transmitter

1		
K1YR (+KB1WH,N1DYI)	2,681,775-	2055-435-C
K1TO (+KA1CI,NJ2L)	1,858,200-	1630-380-C
K1IU (+NS1I)	1,614,222-	1503-358-C
K1KA (+W1HNZ)	1,049,388-	1114-314-C
AK1A (+NET)	829,056-	1016-272-C
KA1XN (+NET)	694,035-	795-291-C
KA1TWF (+AD1C,N1CKN,NB1Y)	519,030-	790-219-C
K1ZZJ (+ops)	459,360-	696-220-C
N1TZ (+NET)	374,415-	545-229-C
NO1I (+NET)	350,460-	708-165-C
W1BK (+NET)	213,108-	413-172-C
A13E (+NET)	210,120-	412-170-C
KC1EO (+NET)	181,365-	565-107-C
KB1W (+NET)	126,096-	296-142-C
K1WQ (+NET)	125,532-	317-132-C
W1AQ (KA1SFJ,KM1X,NH1S,NO1U,W1WAC,WA1VEK,WA1VPC,WA2KFE,ops)	116,160-	320-121-B
W1YK (+N1FGX)	28,689-	131-73-B
K1IN (+NET)	22,311-	111-67-C
K8LT/1 (+NET)	15,228-	94-54-B
NK1F (+NET)	3,741-	43-29-C
2		
K2NJ (+KQ2O,KU2C,NR2H)	1,886,904-	1752-359-C
N2SS (+NET)	955,956-	1189-268-C
WB2K (+NET)	908,607-	883-343-C
N2VW (+WB2R)	565,911-	681-277-C
WM2S (+WM2V)	385,605-	627-205-C
WA2IKL (+NET)	322,080-	610-176-C
W2UI (+N3KR)	313,431-	547-191-C
K2TD (+NET)	136,746-	321-142-C
3		
AA1K (+W3XU)	2,972,025-	2331-425-C
W3BGN (+N2NT)	2,869,590-	2333-410-C
K3NZ (+KA3MND,KU3X)	1,341,324-	1406-318-C
NN3Q (+ops)	963,540-	1100-318-C
K3ZA (+NET)	804,465-	885-303-C
N3ARK (+K3IE,KB3MM)	751,917-	953-263-C
K3ANS (+K2BPP,K3YD)	660,348-	884-249-C
WA3LFY (+KA3NJA,KD3LC,N3s CHL,FTI,GLZ,WB3EPW,W8CR)	624,912-	752-277-C
K3ND (+NET)	297,660-	451-220-B
N3RW (+KD3HX,N3HW)	288,036-	508-189-C
K3YGU (+NET)	251,550-	430-195-C
NA3K (+K3IE)	200,772-	396-189-C
W3MA (+NET)	132,192-	272-162-C
WA3JUZ (+NET)	113,544-	249-152-B
NK3U (+NET)	52,323-	163-107-B
KQ3F (+NET)	46,305-	147-105-C
AA3B (+NET)	36,735-	155-79-C

4		
N4KG (+KC4ZV,KU4J,NE4L,WA4DPU)	2,124,000-	1888-375-C
AB4MG (+KB4ZOW,KC4s EF1,HER,N4QWL,WF2G)	329,940-	585-188-C
W4JVN (+NET)	171,108-	388-147-C
5		
N3BB/5 (+N5s GM,TR,WD5N)	2,425,776-	2084-388-C
K5RVK (N5EA,G4GEE,GW8ECO,ops)	1,222,263-	1561-261-C
N7KA (+A19X)	499,284-	804-207-C
KG5ND (+NET)	346,365-	537-215-C
W5EHM (+AA5BT,KA5WSS,CE3LAR)	117,015-	269-145-C
N8IDR (+W8VX)	110,700-	300-123-B
6		
W6REC (+N6TIB,W6FAH)	944,379-	1179-267-C
W6QHS (+KA6HSM)	927,072-	1332-232-C
K2ITG/6 (+NET)	648,272-	1056-204-C
KE6WL (+KD6NT)	561,600-	936-200-C
WA6AHF (+W6BSY)	556,470-	810-229-C
N6JV (+NET)	341,682-	682-167-C
AA4M (+NET)	238,221-	459-173-C
N6CCL (+NET)	177,606-	414-143-C
KG6MY (+NET)	150,060-	305-164-C
N6CDA (+NET)	141,240-	535-88-C
W6UJX (+NET)	95,319-	267-119-C
AF6S (+NET)	95,175-	423-75-C
KB6HW (+NET)	87,840-	244-120-C
W8LLY/8 (+NET)	56,430-	198-95-B
AJ6V (+NET)	55,296-	192-96-C
W6AOT (+K6KLY)	40,992-	122-112-C
KD6LV (+NET)	37,584-	144-87-C
WB2CHO (+NET)	31,500-	175-80-B
WC6I (+NET)	21,384-	108-66-C
K8LRN (+NET)	9,717-	79-41-C
KJ6V (+NET)	1,638-	26-21-C
W88D (+NET)	1,638-	39-14-B
NT6G (+NET)	1,200-	20-20-C
7		
WR7D (+N7JXN,N6JO)	969,075-	1475-219-C
NO7F (+KF7DQ)	388,773-	847-153-C
8		
WB8K (W8s CZN,JGU,W8As BIN,MEM,RCN,ops)	1,970,202-	1943-338-C
KD8B (+KB8DLH,N8CC)	1,527,552-	1632-312-C
WB8VPA (+NET)	348,731-	553-209-C

9		
KD9ST (+KA9s SQR,SQS,SQT,KB9BAT)	832,608-	944-294-C
WB9WOG (+WD9FEN)	61,632-	214-96-C
0		
KR8B (+AF9T,K8I,KJ8B,N8BIL,N8BK,L,W8JM)	722,916-	934-258-C
N8BNG (+KBET,KA8s JZY,YFN,K8BL,C,WJ8L)	507,144-	748-228-C
N8ZA (+N8NM)	393,390-	705-186-C
W4NIM (+K8VM,N8BH)	227,424-	412-184-C
KC8LX (+K8QNS)	153,786-	361-142-B
WB9WZ (+WB9WI)	1,479-	29-17-B
VE		
VE7SZ (+VE7ON)	934,185-	1435-217-C
VE8AO (+VE8s AMR,ANL,AXB,CG,CIZ,CJZ,EFP,ET,JO,KC,LES,SWM,YES)	291,018-	574-169-C
VE4XX (VE4s AJO,ALN,EF,FF,FR,GH,GR,HI,RI,RV,SF,SI,TM,UT,WS,ops)	165,456-	383-144-C
VE2UMS (+VE2s AYH,FUR,HMB)	7,830-	58-45-B
Two Transmitter		
KC1F (+K1s AR,DG,EA,KM3T)	6,390,900-	4050-526-C
N5AU (+KS1G,KMSX,KY5N,WB5VZL)	5,354,538-	3703-482-C
K1RX (K2SS,KA1s HG,Y,ION,N1EPU,ops)	4,864,500-	3450-470-C
N6RO (+K3EST,K6TMB,N6s IG,KT)	4,896,314-	3607-434-C
N2MG (+KD2RD,NQ2I,NQ2D)	4,343,808-	3232-448-C
N3RS (+N3s NA,RD,WB3RTX)	4,128,348-	2891-476-C
N2FB (+K3YDX,KC3X,N3CBL,W8LJP,WB8VGI)	3,674,880-	2818-435-C
K8CC (+ops)	3,628,280-	2878-420-C
KO7N (+N8XX,W7IL,WZ6Z,WJ7s R,S,WA7TDS)	2,860,119-	2829-337-C
W7ZR (+AG1J,N7B8S,N7ZZ,W7JJS)	2,015,175-	2425-277-C
NE9O (+KA9s AND,OIH,W8B,N9s AZD,HSG,JR,W9SU,WB9CEP)	1,918,872-	1838-348-C
NJ3A (+N3s FOB,GOB,GPK,LR,NJ3C,NT3F)	1,868,496-	1876-332-C
N5RZ (+K5MR,K5MS,W5FO)	1,836,450-	1590-385-C
KB1RI (+ops)	1,426,629-	1549-307-C
N7RO (+KB7GSM,KC7GX,W7EKM,WA7ZW,WB7CLU)	1,321,650-	1602-275-C
AK6T (+KAUVT,K6M,K16E,N8BL,WB6MZC)	1,251,360-	1580-264-C

KQ1F (+ K1XM, K9HI)	HL9FN	47,436-268-59-B	Jordan	E18AU	35,295-181-65-A	LZ1KDP	216,456-1244-58-C-20
1,141,056-1132-336-C	HL9CA	5,673-61-31-B	JY9SR	56,592-262-72-B	France	LZ1W (LZ1YE,op)	275,310-1610-57-C-15
WB3XN (+ KN5H) 521,196-676-257-C	HL1LW	25,740-220-39-B-10	Asiatic RSFSR	F6A0J	1,457,799-2303-211-C	LZ1KXA (LZ1A-1220,op)	211,338-1194-59-C-15
KB6RFX (+ W6TMD)	Japan		UA9QA	FV9NDX (F9RM,op)	675,675-1575-143-C	LZ1KAZ (LZ1NG,op)	162,021-1019-53-C-10
WB8PHI (+ K8BFP, W6SJU)	JH1AEP	1,373,130-2190-209-C	UA9MR	F1BEG	86,940-345-84-A	LZ2ES	45,144-342-44-C-10
196,182-378-173-C	JH7DNO	1,338,750-2125-210-C	UW0CM	F8EXQ	58,905-231-85-B	LZ1YG	9,744-112-29-B-10
KA1QNC (+ N1s EFX,FWC)	JR3BO	465,723-1101-141-C	UA0ABK	F8ENT	30,810-130-79-B	Austria	
13,248-92-48-B	JH4NMT	386,529-901-143-C	RA0SU	F6FNA	15,840-120-44-B	OE3KRA	4,410-70-21-B
Unlimited	JY7DNT	126,360-390-108-B	UA0XAK	F6CTT	66,780-530-42-C-80	Finland	
W3PL (+ K1s DOV, RZ, K3s RA, ZZ, KA3ITJ, K3CEK, K08C, KF3P, N3GB, NM3U, NW5E, N1J, WT, KA8MAZ, WB3JRU)	JA2J5F	103,005-327-105-A	UA0SFS	FE6DRP	19,980-180-37-C	OH6YF	373,932-884-141-C
1,865,758-5074-589-C	JL1MWI	97,230-463-70-B	UA0SME	F6EPO	169,974-994-57-C-15	OH6NEV	25,404-148-58-C
WM5G (+ AASDX, K5s RX, SXO, KC5DX, KM5R, KM9P, KR0Y, N1SWA, WG5J, WQ5W)	JE1AER	52,461-261-67-B	UA9MFN	F6F8L	381,864-2273-56-C-10	OH6SU	12,540-95-44-B
7,343,838-4387-956-C	JA0NPF	51,240-280-61-C	UA0SNT	F5IN	90,864-631-48-C-10	OH1AF (OH1NOA,op)	194,706-1119-58-C-20
NB1H (+ K1s FWE, MNS, ST, N18L, N1s ACH, ELN, W1/AJ2EZD, W1IHN, WA1TFH)	JA3UWB	43,164-218-66-C	UA0SR	F6FNL	47,232-384-41-B-10	OH1ZAA	90,972-532-20-C-20
6,467,310-4227-510-C	JA1Z	38,709-187-69-C	Georgia	F1JDG	18,144-168-36-B-10	OH5OL	897-23-13-C-20
KX4S (+ AA4s, GL, K3RZR, KB4DI, K4GM, N4s DCY, EJJ, W4s DR, MYA, WA4HOT, WB4BYV, WD4BBD, WK4Y, WU4G)	JA1A5O	37,908-162-78-B	UG6JQ	F6GZC	2,655-59-15-B-10	OH6AC (OH6CS,op)	123,291-721-57-C-15
5,943,672-3931-504-C	JE4VMV	33,507-153-73-A	Kazakhstan	England		Czechoslovakia	
K5NA (+ K5MA, KA2s TIP, VQY, KB2GHW, KU2Q, N2s EK, GOS, NA2N, NG2X, W2s JU, XL, WB2Q, WM2s P, Q, WA3AFS)	JA1BU1	28,728-171-56-B	ULBLW	G3SXJ	1,024,884-1743-196-C	OK1RI	2,422,380-3436-235-C
5,677,890-3571-530-C	JAS1P	25,116-161-52-B	UL7DA	G4BUO	632,142-1211-174-C	OK1DKS	25,992-152-47-A
KY1H (+ KA1RE, KM1P, KR1R, NJ1F, NS1M, NT2X, WA1ZAM)	JA1A5D	21,504-128-56-B	RL7RL	G4CNY	352,431-2061-57-C-15	OK1DXW	12,420-90-46-B
4,783,887-3261-489-C	JA7JHT	19,716-124-53-B	UL8LWF	G4MET	97,431-691-47-C-10	OK1KRJ (OK1ANN,op)	5,376-64-28-B
K2TR (+ K2XA, N1CC, N2DU, WA2SPL, WB2KMW)	JA1JMF	16,020-89-60-B	Kirghizia	G4W3FTG	33,696-288-39-C-10	OK3CTX	5,358-47-38-B
4,460,910-3085-482-C	JA1JMT	15,255-113-45-A	UM8DX	Ireland		OK3CX5	3,024-42-24-B
N2RM (+ K2s JF, OW, KB2BF, N2NU, W2GSN, WA2VO, WM2H)	JR7LVK	14,145-115-41-B	Israel	G1KOW	83,352-604-46-B-10	OK2BHM	5,616-72-26-C-20
4,062,600-3050-444-C	JAB6VH	13,653-123-37-B	4X6UU	G1KOW	83,352-604-46-B-10	OK2PCL	4,248-59-24-B-20
W3GM (+ ABZE, K2RD, K3s ND, UE1, KA3PLS, N2EA, NK3U, W3FV)	JH1TEB	9,945-85-39-B	4Z4TA	OK2KOW	2,499-49-22-B-20	OK3CMW/P	3,234-49-17-B-20
3,335,796-2412-461-C	JA2MFF	9,324-84-37-B	4X6RA	OK2SPJ	2,999-49-22-B-20	OK2KOD	2,394-42-19-C-20
N3AD (+ NET) 2,292,147-1859-411-C	JG1RDV	9,324-84-37-A	Europe	OK2KEM	76,806-502-51-C-15	OK8AGG	41,445-307-45-B-15
K3WW (+ NET)	JA5EO	7,740-86-30-B	Portugal	OK8AGC	17,433-149-39-B-15	OK3YCA	17,433-149-39-B-15
2,255,988-1375-428-C	JF6JQJ	7,200-80-30-B	CT1QF	OK8AGY	2,652-52-17-B-15	OK2BTC	2,652-52-17-B-15
NE3F (+ K3NW, KA3SHT, N3WGR, NS3F, W3UM)	JH1PXY	6,975-75-31-B	CT1TM	GW4BLE	283,176-1748-54-C-10	OK3CBU	25,560-213-40-C-10
2,114,796-1711-412-C	JA2QVP	5,400-50-36-C	CT1BOH	GW0ARK	269,664-1696-53-C-10	OK2BGQ	8,613-99-29-B-10
N2MM (+ K2ZSY, KY2T)	JH8IOM	4,950-66-25-B	CR6ABU	Hungary		OK1KZ	5,700-76-25-B-10
NF2L (+ KY2T, N3RG)	JE4VRF	4,224-44-32-B	CT4HA	HA8XX	652,050-1242-175-B	OK3CTX	3,402-63-18-C-10
1,971,945-1623-405-C	JG6VNY	3,654-58-21-B	CT1DTH	HA4XX	112,464-426-88-B	Belgium	
N6DX (+ AC6T, AD6C, K6s HMA, SVL, K16QR, K16HC, N6s HLS, JC, NW, TPN, VR, ZZ, WA6HEU, WK6V, W7TF)	JG1RDV	2,970-45-22-B	CR5CQK (CT1CQK,op)	HA1DRR	48,024-276-58-B	ON4YN	281,916-764-123-C
1,830,441-1889-323-C	JG6VNY	2,679-47-19-B	CU2BR/CU8	HA6KNX	1,716-44-13-B-20	ON8WN	180-10-6-A-40
N3EC (+ K3KNH, KA3s NED, RF, W3FW, W3AY0B)	JG6GJO	2,565-45-19-B	CU2AF	HA8KZO	924-22-14-B-15	ON4XG	23,520-196-40-B-10
K3PK (+ NET)	JA6JXO	2,340-39-20-B	CU2AK	HA0NHN	150,732-948-53-B-10	Denmark	
WB2P (+ NET)	JG6WY	2,115-47-15-B	Federal Republic of Germany	HA0MK	58,266-498-39-C-10	OZ5EV	80,898-278-97-C
K3ZJ (+ K4YT)	JG7JZB	1,938-38-17-B	DK1FQ	Switzerland		OZ3PE	9,225-75-41-A
W3YL (+ K3PA) 748,800-832-300-C	JA4PA	1,386-33-14-B-20	DK1TM	HB9ASJ	36,966-202-61-B	OZ1TFE	38,016-288-44-C-40
K8MR (+ NET) 747,600-890-280-C	JAI1YXP	248,646-1429-58-C-15	CT1BOP	HB9BOU	43,920-366-40-C-40	OZ1INN	18,252-169-36-C-20
K3RL (+ NET) 99,000-264-125-C	JH7AFR	200,925-1175-57-C-15	CT4HA	HB9FG	46,500-310-50-C-15	OZ7HT	6,300-21-10-C-20
DX Phone	JR3NZC	200,241-1171-57-C-15	CT1DTH	HB9DX	2,976-32-31-C-10	OZ1BUR	14,256-132-36-B-15
Africa	JA7BJS	198,408-1181-56-C-15	CR5CQK (CT1CQK,op)	Italy		OZ1HGX	9,282-119-27-C-10
Botswana	JK1OLT	185,640-1105-56-C-15	CU2BR/CU8	IOGGSF	1,886,967-2953-213-C	OZ1AXG	13,056-128-34-C-10
A22RA	JAY7AB	171,855-1005-57-C-15	CU2AF	IO9KHP	75,945-305-83-A	OZ7AX	1,170-30-13-B-10
A22AA	JK3GAD	83,430-515-54-B-15	CU2AK	IO9XUJ	55,598-226-82-C	OZ8T	600-20-10-B-10
Morocco	JA2YAU (JE7MAY,op)	20,538-163-42-B-15	DK4IO	K3LM/8	51,027-233-73-C	Netherlands	
CN8FC	JA8RJE	15,336-142-36-A-15	DJ3GE	IK8LWA	26,250-175-50-B	PA8EHF	48,351-227-71-C
CN8EK	JH0XUP	13,808-126-36-B-15	DJ3AF	IK4HLV	23,186-234-33-B	PA8KDM	22,648-158-52-B
Madeira Islands	J71AFZ	9,912-118-28-B-15	DL3ME	IK2LCY	16,848-117-48-B	PA8IA	24,185-145-51-A
CT3DL	JR3WXA	9,408-112-28-C-15	DL3ME	IK0FEC	10,802-93-38-B	PA3BRD	22,178-132-56-B
CT3BD	JK1KHU	5,544-66-28-A-15	DL8PAC	IN3PEE	6,720-80-28-B	PA8DJ	13,110-95-46-B
CT3BM	JL2RQH	4,410-70-21-A-15	DL8PAC	IK4CBM	3,105-69-15-B	PA3EMN	12,222-97-42-B
Cuba and Melilla	JA8DQU	2,736-48-19-B-15	DK1FQ	IK5BAF	77,238-613-42-C-80	PA3DWA	10,440-87-40-A
EA9NN	JA0BPY	1,008-24-14-B-15	DJ3HJ	IK8AT	14,790-170-29-C-40	PA8YU	4,134-53-28-B
Gabon	JA0SPY	1,008-24-14-B-15	DJ1ZU	IK4FNF	1,386-33-14-B-20	PA8OX	28,080-234-40-C-15
TR8SA	JK6FYB	864-32-9-B-15	DL3ME	IB8A (IK8DOI,op)	255,818-1498-57-C-15	PA3BZV	11,811-127-31-B-10
Chagos	JF4ETK	576-16-12-B-15	DL8PAC	IK4AUY	226,575-1325-57-C-15	Sweden	
VQ9CQ	JR2JG	380-15-8-B-15	DK1FQ	IF4FYF	195,552-1164-56-C-15	SM3EP	4,557-49-31-B
Republic of South Africa	JIT1ML	360-20-6-B-15	EA7BHO	IF5CK	242,838-1499-54-C-10	SM0BDS	3,456-48-24-B
ZS6HO	JA3COA	108-9-4-B-15	EA4QQT	IK2DUU	215,490-1306-55-C-10	SM3CER	2,458-35-23-C
Mauritius	JR3KAH	72-6-4-B-15	EA7GTF	IO4ABF	204,951-1289-53-C-10	SM3PHM	7,719-83-31-C-20
3B8FP	JA8JHA	280,728-1671-56-B-10	EA5CPH	IO8YJ	146,280-1020-53-C-10	SM7KIL	62,244-399-52-C-15
Senegal	JH1AGU	156,123-913-57-B-10	EA5CXP	IK2DZM	141,000-940-50-C-10	SM6BSK	13,299-143-31-B-10
6W7OG	JA8RWJ	118,092-757-52-B-10	EA5AEN	IK4EWH	97,344-624-52-C-10	SM8DR	12,000-125-32-C-10
Zambia	JA8NFY	100,926-623-54-B-10	EA5JC	IO3BMV	34,650-275-42-C-10	SM5IWC	11,439-123-31-B-10
9J2AL	JA7VRO	100,329-631-54-B-10	EA5FV	IK8FUX	15,444-156-33-B-10	SM0MC	1,968-41-16-C-10
Zaire	JAB5IF	84,525-575-49-B-10	EA3EY	Sardinia		SM5CAK	60-5-4-C-10
9Q5NW (N4NW,op)	JH1IED	80,550-537-50-B-10	EA3XW	ISB9WON	37,982-342-37-C-40	Poland	
2,968,208-4414-224-C	JA4AYU	77,904-541-48-B-10	EA5WA	ISB9EQ	49,128-356-48-C-20	SP6DVP	29,055-149-65-C
Aala	JA1KFX	76,146-518-49-B-10	EA3ELM	IS8CPU	28,978-281-32-C-15	SP9AKD	27,338-134-68-C
China	JA2AXB	69,890-505-46-B-10	EA1COQ	IS8CPU	64,722-489-48-C-10	SP5LCT	10,320-80-83-B
BY1QH (NS7Z,op)	JA1PUK	59,700-398-50-B-10	EA4EHQ	Norway		SP8CZ	6,195-59-35-B
52,515-389-45-C-20	JG2TSL	54,924-398-46-B-10	EA1CIJ	LA1T (LA8OV,op)	69,089-253-91-B	SP3DWQ	28,188-281-36-C-40
Korea	JR7CDL	28,684-202-44-B-10	EA3FHT	LA9HW	135-9-5-C-40	SP1EOI	4,886-71-22-B-20
HL9TF	JG1GUF	25,389-217-39-B-10	EA7FTR	LA3KY	10,710-105-34-C-15	SP9AVZ	128-7-6-B-20
	JH1UUV	23,985-195-41-B-10	EA7VU	LA1GDA	3,402-54-21-C-15	SP3GEM	223,740-1356-55-C-10
	JH1JVG	23,736-184-43-A-10	EA7LM	LA5JX	16,128-168-32-B-10	SP9EMQ	10,092-116-29-B-15
	JH1HWO	22,218-181-46-A-10	EA3DZ	LA3JT	5,772-74-28-B-10	SP2FAP	9,765-105-31-B-15
	JJ2DLM	18,252-156-39-B-10	Balearic Islands	LA5KK	5,550-74-25-B-10	SP6PBD	4,654-86-23-B-10
	JG2YLH	13,932-129-36-B-10	EA8ZS	Luxembourg		SP3KEY	1,722-41-14-B-15
	JG2VGH	13,832-129-36-B-10	EA8WY	LX2QR	15,444-143-38-B-10	SP3KEY	159,800-1084-50-C-10
	JG1GZF	12,218-181-46-A-10	EA8WY	Bulgaria		SP8LTF	39,420-292-45-C-10
	JH1UUV	11,346-122-31-B-10	EA8WY	LZ2WM	127,575-405-105-B	SP5ALV	12,228-153-31-B-10
	JG1BZN	9,090-101-30-B-10	EA8WY	LZ1KNP	47,499-223-71-C	Greece	
	JG7LBN	8,010-89-30-B-10	EA8WY	LZ1HP	23,220-129-80-C	SV1UG	2,280-38-20-B
	JN1CAK	3,420-57-20-B-10	EA8WY	LZ2QV	16,200-100-54-B	European Russian RSFB	
	JH8DHW	3,417-67-17-A-10	EA8WY	LZ1KWZ	14,852-111-44-B	UZ4FWD	103,484-479-72-C
	JH6TYD	3,381-49-23-B-10	EA8WY	LZ1V (LZ1ZO,op)	1,050-95-14-C-40	UA3DRB	56,772-249-76-C
	JAI0P	3,096-43-24-B-10	EA8WY			RV3ZA	27,735-215-43-C
	JEBEHE	2,880-40-24-B-10	EA8WY			UA3TEG	14,280-136-35-C-20
	JAI1VZM	1,386-42-11-B-10	EA8WY			RA3VJ	8,285-95-29-C-20
	JO1MCC	12-2-2-A-10	EA8WY			UA6XT	8,091-87-31-C-20
	Ogasawara		EA8WY			UA4RL	2,244-34-22-C-20
	JG2CLS/D1	6-2-1-B-40	EA8WY				
	JQ1XAQ/JD1	5,481-87-21-B-15	EA8WY				
	JM1MYG/JD1	2,679-47-19-B-10	EA8WY				

UA6ADC	14,880	155-32-C	10	North America	CE6JOE	148,068	914-54-B	10	Europe	DF0RR (DL7s ADL,AEN,AKC,ALM,ANR, SI,UX,ops)	1,090,086	1873-194-C	10	Two Transmitter	Asia	JABYBY (JE8s BRO,KLL,JF8TMI,JH8s GFB,PNE,XVT,JJ2VXS,JO1DFS,JR8s KET, NMX,ops)	2,062,710	3198-215-B	10
UA6BLQ	8,424	104-27-C	10	Bahamas	CE4ETZ	54,774	358-51-B	10		ED9QD (EA3s BOW,BOX,DBQ,ops)	697,296	1592-146-C	10			JE3ZFS (JK3HZH,UL3MCM,JO3ZLN,ops)	319,620	761-140-C	10
UA6BPM	2,280	40-19-B	10	K2PS/C6A	CE3AEZ	49,767	313-53-C	10	Bolivia	CP1BA	15,327	131-39-B	10	North America	XE2FU (+ AK5B,KB5FU,K25M,K5LZO, NT5D,N5RP,WB5N,XE2s AAM,AKN,FU, KB,ops)	9,813,063	10127-323-C	10	
RV6ACZ	897	23-13-B	10	Guadeloupe	FG5/KA3DSW	2,562,210	3486-245-C	10	French Guiana	FY4FC	151,686	954-53-B	10	South America	ZY4BA (PY4s BA,OY,VD,ops)	885,432	1868-158-C	10	
Ukraine				Dominican Republic	H13AMF	352,182	743-158-B	10	Ecuador	HC2G (HC2CG,op)	773,946	4526-57-C	10	Unlimited	Asia	J9YBYA (JA9s NFO,LNJ,VDA,-10148, JH9VST,JJ3URK,JR8AOU,JO1RU,ops)	2,658,003	3869-229-C	10
RBSDX	685,080	1384-165-C		Honduras	H18LC	7,425	99-25-B	80	Colombia	HK3DFT	18,495	137-45-C	160	Asia	J9YVST (JA9s NFO,LNJ,VDA,-10148, JH9VST,JJ3URK,JR8AOU,JO1RU,ops)	2,658,003	3869-229-C	10	
UB5QKC	34,104	196-58-C		St Lucia	J6LSN (KJ8G,op)	1,524,000	2032-250-C	10	Argentina	LU3F	1,004,550	1850-181-C	10	South America	ZY4BA (PY4s BA,OY,VD,ops)	885,432	1868-158-C	10	
UB5IFN	6,540	109-20-C	80	Alaska	NL7GP	2,231,040	3320-224-C	10	Peru	OA4ZV	212,040	1240-57-C	15	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
RB5LQ	55,440	330-56-C	20	Greenland	OX3ZM	19,440	120-54-B	10	Aruba	P40V (A16V,op)	7,711,680	8033-320-C	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UB5JG	82,773	541-51-B	15	Costa Rica	TE1L	200,925	1175-57-C	80	Venezuela	YV6BTF	97,785	615-53-C	80	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
RB5WA	77,550	470-55-C	15	Puerto Rico	NP4CC	606,879	3549-57-C	15	Netherlands Antilles	PJ9JT(W1BIH,op)	4,839,039	5543-291-C	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UB4UX	47,256	358-44-C	15	Bermuda	VE3PE/VP9	1,584	33-16-B	20	Brazil	PT7WA	11,997	129-31-C	40	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
RB5TK	10,137	109-31-C	15	Mexico	XE2NQ (AA5B,op)	4,362,240	5120-284-C	10	Brazil	ZV5A (PY5EG,op)	809,796	4854-58-C	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UB4JDM	8,505	105-27-C	15	Cayman Islands	ZF2M	488,784	1198-136-B	10	Paraguay	ZP5JCY	798,138	4587-58-C	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UB4TXL	5,244	76-23-B	15	Barbados	8P6SH	344,223	2013-57-B	10	Philippines	DU1NH	67,338	261-86-C	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UB4JFV	2,958	58-17-C	10	Oceania	7B7BRJ/DU3	36,288	216-56-C	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UB4LRS	684	19-12-B	10	Guam	KD7P/NH2	1,041,624	1887-184-C	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UB5LVS	90	6-5-A	10	Hawaiian Islands	K6GSS/KH6	3,188,010	4465-238-C	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Byelorussia				East Kiribati	T32AF (KH6UR,op)	420,831	2461-57-C	20	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
RC2AR	80,028	494-54-C	15	Australia	VK1RJ	109,746	469-78-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
RC2AZ	19,092	172-37-C	15	Australia	VK3YH	26,865	199-45-C	40	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UC2AGY	360	12-10-A	10	Australia	VK2PWS	60,066	426-47-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Moldavia				Australia	VK5NVW	14,175	135-35-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
RO4OA	41,814	202-69-C		Indonesia	YB3ASQ	337,431	821-137-C	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UO5ODA	2,793	49-19-B	20	Indonesia	YC8RBB	18,060	172-35-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Lithuania				Indonesia	YC11OI	12,672	128-33-B	15	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UP2OU	25,281	159-53-C		Indonesia	YB2CR	7,878	101-26-C	15	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UP18V	200,448	1152-58-C	20	Indonesia	YB8EMJ	2,967	43-23-B	15	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UP3BH	40,506	314-43-C	10	Indonesia	YC2IKI	43,680	364-40-B	15	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Estonia				Indonesia	YC8SQT	35,910	285-42-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UR2RIJ	11,088	88-42-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UR2RJ	8,400	100-28-C	40	Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
UR2RRR	104,988	673-52-C	15	Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
German Democratic Republic				Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y23EK	1,945,944	3003-216-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y22JJ	593,514	1137-174-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y41YM	407,664	912-149-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y44UI/A	167,883	523-107-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y45RN	75,240	330-76-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y53ED	57,564	234-82-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y27YH/A	32,025	175-61-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y67UL	29,160	180-54-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y22TO	25,230	145-58-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y51XO	18,792	116-54-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y52BL	16,524	108-51-B		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y58UJ	11,088	84-44-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y23TN/A	9,450	90-35-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y62QH	7,392	77-32-B		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y41JH	6,930	66-35-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y22SC	6,912	72-32-A		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y41SN	2,376	44-18-B		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y62XG	105	7-5-C		Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y33UL	10,611	131-27-C	40	Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y23KF	3	1-1-B	40	Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y25HL	16,650	150-37-C	20	Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I3MAU (+ I3s FIY,JSS,KVVW,ON, QZ,IV3YK)	4,381,503	5639-259-C	10	
Y28UN	2,679	47-19-A	20	Indonesia	YC3OSE	18,768	184-34-B	10	Philippines	Y25DA	1,008	28-12-B	10	Europe	I				