

2010 ARRL International DX Contest (CW) Scores

Scores are listed by DXCC Countries and ARRL/RAC Sections. Within each Country or Section, scores are listed in descending order, by power categories, followed by multioperator. Line scores list call sign, score, QSOs, multipliers, power (A = QRP, B = Low Power, C = High Power, D = Multioperator), and band.

W/VE Single Operator

United States

1

Connecticut

N1TM	442,758	693	218	A
W1IG	78,375	213	125	A
WA1WQG	2,340	34	26	A
W1JQ	1,241,136	1,342	312	B
W3SM	254,187	471	183	B
N1JW	149,202	310	162	B
K1DM	132,384	405	112	B
W2JU	121,245	295	137	B
K1PU	99,450	264	130	B
K1LEE	39,342	173	79	B
K1MVM	37,530	159	90	B
W1JN	16,740	99	62	B
KX9X	10,584	74	49	B
W1QH	8,235	62	45	B
K3EIN	5,676	49	43	B
K1ZZ	4,702,365	3,785	415	C
W1WEF	3,736,350	3,483	361	C
K1RM	2,027,916	2,297	297	C
W1EQ	1,011,852	1,400	243	C
K1ZE	836,640	1,127	249	C
K1BV	569,112	1,031	184	C
N4XR	472,500	639	252	C
W1UK	352,065	484	245	C
W1CTN	213,462	361	201	C
K1SEZ	149,940	349	147	C
AK1N	108,900	306	121	C
W1OHM	28,773	147	69	C
WR7Q	18,624	110	64	C
W1TR	5,880	60	35	C
NN1N	9,990	91	37	10
W3EP	9,072	85	36	10
K1IM	215,736	821	89	15

W1HQ (KX9X, op)

66,432 351 64 15

W1NK 63,963 314 69 40

Eastern Massachusetts

W1TW	13,455	83	65	A
K1HT	960,687	1,176	273	B
N1DC	501,930	728	234	B
NA1R	173,160	393	148	B
AJ1E	113,184	310	131	B
N1NN	111,456	292	129	B
W1MJ	87,000	251	116	B
WB1FJH	62,109	218	103	B
K1EP	58,968	171	117	B
W1MAW	50,736	159	112	B
WA1VIL	30,504	124	82	B
AB1HL	2,496	33	26	B
W1EBI	1,548,645	1,724	301	C
W1FJ	934,983	1,091	291	C
W1MK	548,901	882	213	C
KA1IOR	252,288	472	192	C
W1ZT	94,248	308	102	C
K1MC	17,442	118	51	15
N1SV	3,042	41	26	20
K1UQT	210	10	7	20
W1YM	8,505	82	35	40
K2LP	10,212	92	37	C 80

Maine

N1AIA	152,985	335	155	A
N1AO	252,144	450	204	B
KX1E	132,060	321	142	B
KA1C	18,180	103	60	B
K8PO	3,659,526	3,656	338	C
K1WHS	78,996	235	116	C
NY1E	21,450	133	55	15
W1MU	710,478	2,010	118	20
AC1O	23,430	147	55	80

New Hampshire

AA1CA	313,110	513	210	A
K8CN	312,228	594	177	A

W1FMR	54,162	185	102	A	K2UF	716,856	1,014	238	B
K1BX	2,728,446	2,738	334	B	NA2M	307,632	507	208	B
KB1T	749,028	974	259	B	WA2JQK	216,960	365	226	B
KG1V	204,891	423	163	B	W2BEE	209,616	399	176	B
W1UR (N1AA, op)					WA2MCR	134,784	305	156	B
	127,296	323	136	B	K2ZVI	53,460	178	108	B
K1QO	109,296	273	138	B	W2DX	11,592	69	56	B
NJ1H	76,824	267	97	B	WY1H	10,500	71	50	B
N1LU	70,896	221	112	B	W2XL	2,451,546	2,471	333	C
K1NH	69,651	213	109	B	NX2X	812,649	1,011	269	C
N1IMW	38,514	164	98	B	K2XF	374,532	543	236	C
W1XV	23,010	118	65	B	WB2SIH	219,351	398	187	C
K1PDY	663	19	17	B	N2QZ	57,195	159	123	C
K1RX	4,984,317	4,474	377	C	WX2N	39,600	200	66	B 20
WC1M	4,413,225	4,108	361	C	W2EG	284,850	1,065	90	40
N1IX	1,781,619	1,990	301	C	WC2L	3,198	42	26	40
K1BD	158,928	312	176	C	K2XA	216,909	944	77	80
					K2YR	13,770	91	51	160

Rhode Island

K1VSJ	1,068,390	1,333	270	B
W1WBB	397,416	575	232	B
WA1ESO	26,460	133	70	B
W1XX	792,576	1,031	258	C
W1YRC	18,525	96	65	C
N1NK	145,464	553	88	15
K1NEF	39,060	211	62	40

Vermont

W1ZK	271,920	524	176	A
N1UR	3,015,015	2,872	355	B
W1ECH	296,244	482	211	B
KB1NHV	5,292	51	42	B
K1LI	1,816,185	1,775	343	C
K1LPS	83,250	233	125	C
KB1ODO	67,266	206	111	C

Western Massachusetts

K5ZD	4,586,838	3,972	386	C
K1PTF	61,938	192	111	C
N1AW	18	3	3	40

New York City-Long Island

KD2MU	7,776	67	54	A
NN2W (NY6DX, op)				
	875,160	978	312	B
N2GA	527,400	892	200	B
K2IY	257,388	497	178	B
W2HLI	253,800	450	188	B
WB2TPS	217,704	378	193	B
WB2ATZ	196,350	393	170	B
N2RI	186,912	366	177	B
N3SY	56,817	187	107	B
K2IZ	30,876	134	83	B
K2PAL	22,365	109	71	B
K2TV	16,512	89	64	B
N2GC	269,025	425	211	C
KD2RD	223,236	475	159	C
WB2AMU	2,160	40	18	B 10
WO2N	1,980	44	15	10
K2MFY	114,387	424	91	15
KR2AA	259,524	979	89	20
WB2ART	37,170	213	59	20
KC2SGS	27,018	166	57	20

2**Eastern New York**

NQ2W	20,502	103	67	A
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W3EH 1,740 29 20 40

Northern New Jersey

K2DM 828,240 1,021 272 A
 K2JT 71,232 212 112 A
 W2JEK 22,644 105 74 A
 W2CVW 301,587 481 209 B
 K2DBK 161,550 368 150 B
 K2ZC 158,235 393 137 B
 KD2MX 104,904 249 141 B
 N2LK 98,241 243 143 B
 W2LHL 89,655 218 139 B
 AE2JL 83,250 222 125 B
 KR2D 56,112 169 112 B
 WA2EQF 21,210 107 70 B
 KX2S 20,706 127 58 B
 WA2CLP 8,235 63 45 B
 WA2VYA 822,000 1,000 274 C
 W2VE3IFS 361,350 765 165 C
 N2CG 33,147 129 87 C
 W2UDT 624 20 13 C
 W2AW 260,304 991 88 20
 WR2G 121,506 540 77 20
 W2AAB 25,056 144 58 A 20
 N7UN 2,997 42 27 40
 KU2M 185,592 849 74 80

Northern New York

N2JNZ 36,660 194 65 40

Southern New Jersey

K1TN 582,120 776 252 B
 K2SQS 378,231 606 217 B
 N2NF 275,406 474 197 B
 KC2TA 267,360 564 160 B
 N2MM 3,804,330 3,063 422 C
 N1RK 817,320 986 278 C
 K3EL 783,972 1,047 252 C
 NQ3N 315,240 580 185 C
 K2SZ 3,234 54 22 10
 W2MF 103,086 509 69 80

Western New York

AI2T 45,924 172 89 A
 WA2YSJ 315,234 498 211 B
 W2TZ 244,224 518 159 B
 AA2NA 114,000 305 125 B
 WW2P 101,394 264 129 B
 N2CK 93,744 257 124 B
 K2DAR 90,480 242 130 B
 W2CCC (K2CS, op)
 79,200 200 132 B
 K2RNY 25,650 118 75 B
 KV2X 14,136 86 62 B
 W2BC (W2RU, op)
 3,586,086 3,355 358 C
 K2NV 2,442,528 2,329 352 C
 AI2N 1,053,810 1,315 270 C
 KW2J 632,352 941 224 C
 WA2ETU 162,996 289 188 C
 WB2WPM 91,569 241 131 C
 W2FUI 89,244 268 111 C
 WE2Y 67,860 198 116 C
 W2RR (WA2AOG, op)
 5,625 75 25 C 10
 WD8CQB 25,155 147 65 15
 N2MF 251,241 1,036 83 80
 WA2AOG 30,276 174 58 C 80
 W2VO 10,350 76 46 160

3

Delaware

AE3J 2,976 33 31 A
 N8NA 667,485 821 273 B
 WA2VQV 74,970 247 102 B
 AA1K 4,332,672 3,807 384 C
 AI3G 1,914 31 22 40

Eastern Pennsylvania

K3PH 681,000 912 250 A
 W3JBS 3,915 47 29 A
 WI2E 753,732 1,013 252 B
 K3SWZ 501,504 656 256 B
 N2US 254,007 515 167 B

WF3M	203,832	458	149	B	W6AAN	34,320	132	88	B
NY3B	188,190	393	170	B	W3SFG	11,424	73	56	B
KN3A	95,202	265	123	B	K3KU	5,184	54	32	B
N3NZ	82,716	248	113	B	AK3E	2,511	33	27	B
N3KR	62,040	236	88	B	K3ZO	3,761,586	3,420	369	C
AB3AP	50,760	192	90	B	N1WR	1,516,890	1,724	295	C
K3MRG	42,588	164	91	B	N3UM	1,204,416	1,486	272	C
KB3CTX	23,976	112	72	B	K3TC	1,006,080	1,063	320	C
N3QO	14,400	100	50	B	W3IUU	385,392	597	217	C
N3JNX	9,108	66	46	B	W3UL	344,064	520	224	C
W3RT	7,614	59	47	B	K3TM	319,716	505	214	C
W3LD	1,584	28	22	B	NN3RP	123,624	322	136	C
K3IOK (N9GG, op)					K1EFI	26,871	169	53	20
	48	4	4	B	N3RR	440,283	1,528	97	40
K3OO	3,856,044	3,363	383	C					
K3NK	1,224,912	1,221	338	C					
KB3P	228,603	441	181	C					
WB3FIZ	223,392	408	208	C					
WE3E	207,621	401	177	C					
K4JLD	193,200	354	200	C					
W3FVT	140,940	348	145	C					
W3SQ	94,500	272	125	C					
N3INJ	44,250	137	118	C					
K3TUF	768	16	16	C					
K3WGR	330	17	10	10					
W2TN	23,058	136	61	15					
K3ISH	22,848	138	56	15					
W3CEI	10,764	78	46	B 15					
W8IJ	27	3	3	40					

Western Pennsylvania

WW3S	1,230,390	1,404	294	B
KB3LIX	382,410	615	210	B
ND3R	104,676	248	143	B
NA3F	97,284	244	134	B
W3OD	24,309	114	73	B
WA3EQJ	13,272	81	56	B
K3CR (LZ4AX, op)				
	5,514,120	4,362	424	C
WO3Z	92,400	402	77	40
AD8J	78,993	396	67	40
KM3J	7,215	66	37	80
W3GH	24,795	145	57	160

4**Maryland-DC**

K3TW	176,472	346	171	A
W3EF	2,136,897	2,242	321	B
WA1LWS	372,096	610	204	B
W3DQN	300,228	516	197	B
WB8YYY	241,614	446	186	B
N3QE	224,814	427	178	B
K3LU	223,398	401	189	B
K3GHH	152,922	338	154	B
W3DF	76,014	252	103	B
N3YZ	37,248	128	97	B

Alabama

K4NO	888,030	1,047	286	B
KS4L	194,667	352	187	B
K4SKY	81,984	252	112	B
WA4WLI	45,864	161	98	B
W4ENN	39,468	146	92	B
W4TKI	27,027	120	77	B
K4AGT	26,448	118	76	B
N4UC	17,160	93	65	B
KD4N	15,189	86	61	B
ND4Q	10,530	77	54	B
K4AB	1,247,616	1,394	304	C
NE4M	195,615	406	161	C

K4HAL	156,312	342	156	C
N4BCB	133,866	339	134	C
KG4CUY	86,022	249	118	C
W4RYW	53,568	194	93	C
K4WI	9,486	104	31	10
K4CWW	3,960	61	22	10
W6SAI (K4CWW, op)				
	46,410	227	70	15
K4NVJ	23,718	137	59	15
WA1FCN	114,945	497	79	20
W4RJ	49,980	238	70	C 20
W4UAL (W4ECI, op)				
	15,180	122	44	20
NA4W (K4WI, op)				
	4,455	45	33	160

Georgia

K0NWT	1,716	28	26	A
KJ4HYG	1,122	23	17	A
NM2L	256,080	445	194	B
AE4O	220,860	420	180	B
N5VI	97,875	233	145	B
K4OD	92,868	264	142	B
W4LDA	38,808	152	88	B
KE4RQ	20,655	100	85	B
AI4UN	168	8	8	B
K4SSU (NA4BW, op)				
	1,400,376	1,623	296	C
N4PN	430,986	1,327	109	15
WA2ASQ/4 (WA2ASQ/4, op)				
	31,374	170	63	20
W8JI (VE7ZO, op)				
	804,996	2,291	118	40
N4FD	40,755	215	65	40
K4PI	56,160	292	65	160

Kentucky

NA4D	92,967	248	133	A
K4IE	372,504	681	187	B
W8KHP	171,870	344	170	B
KE4KY	73,932	246	101	B
W4UDX	23,937	103	79	B

KJ4AOM	22,644	121	74	B
K4SPO	14,694	82	62	B
AI4LV	5,355	52	35	B
W5MX	1,246,752	1,411	296	C
N4KZ	111,540	265	143	C
K4FT	67,614	192	118	C
AJ4A	44,220	163	110	C
AG4CZ	7,254	65	39	15
KC4WQ	1,701	29	21	160

North Carolina

KG4JGQ	53,856	209	88	A
N4YDU	1,820,169	1,870	331	B
W4KAZ	267,786	543	171	B
N4GU	96,258	271	122	B
W4TMO	79,722	269	103	B
AJ4CU	40,299	136	101	B
K4UWH	34,506	147	81	B
N4YZ	32,640	134	85	B
KJ4WD	4,704	51	32	B
WX4RM	4,104	41	38	B
N4CW	2,375,724	2,534	314	C
K4YR	416,520	727	195	C
N1LN	394,689	1,216	109	C
WJ2D	296,361	457	221	C
K4FX	127,818	269	162	C
N3CZ	95,700	277	116	C
K4TP	83,025	226	135	C
K8YC	75,933	179	143	C
AE4EC	31,842	139	87	C
KY4P	24,921	119	71	C
WA4GQG	6,930	56	42	15
NK3U	113,724	470	81	20
W4AAA (KK9A, op)				
	35,568	210	57	20
K4KAY	12	2	2	20
KZ2I	3,564	45	27	40
W0UCE	134,754	616	74	80
W4ZV	74,028	399	62	160

Northern Florida

W5JBV	181,350	403	150	A
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AC2N	3,600	41	30	A	AI4WW	110,565	322	117	C
K9IA	123,975	325	145	B	KK9O	18,432	99	64	C
N4WO	77,490	215	123	B	W4SVO	252,288	899	96	15
N4EK	64,890	209	105	B	K4PBY	13,959	100	47	15
KN4Y	59,364	205	102	B	AF4RK	21,756	155	49	20
NN4DF	49,950	156	111	B	W6BSY	31,941	180	63	40
WJ9B	1,970,892	2,106	316	C					
N6AR	728,385	1,001	245	C					
N4KW	292,608	529	192	C					
N4LZ	177,210	359	165	C					
NE8J	99,246	289	119	C					
K2EK	275,094	993	93	15					
W1MO	63,516	271	79	15					
K9OM	275,652	1,009	93	40					
W4VQ	33,600	180	64	40					
W3TMZ	3,000	40	25	40					
K9FY	35,739	216	57	160					
KK4SI	6,000	56	40	160					

South Carolina

K4CNW	70,173	209	113	A
K4LY	706,482	904	267	B
KN4QD	153,996	313	164	B
KB4ZMR	27,798	127	82	B
W7DO	880,650	970	309	C
W4JKC	103,458	407	86	40
KM4D	26,775	188	51	80

Southern Florida

NT4TS	73,200	233	122	A
W1IS	15,510	94	55	A
W4ZGR	2,772	37	28	A
N4PSE	236,592	429	186	B
N4LF	118,428	286	139	B
W4DAS	108,288	259	141	B
WB2REM	85,536	207	144	B
K4LRP	80,811	221	123	B
N4BG	75,087	247	103	B
KC4ABC	27,120	115	80	B
K1FIR	21,186	107	66	B
K4MF	685,812	856	268	C
N8PR	172,854	300	194	C

Tennessee

W9WI	551,736	783	237	A
NU4B	115,182	247	158	A
KW4JS	15,120	88	72	A
N4VSD	624	18	16	A
NA4K	1,094,820	1,290	284	B
N2WN	460,257	711	217	B
N4ARO	264,177	452	197	B
W6UB	179,424	368	168	B
W4NI	90,207	272	117	B
N5WR	83,160	231	120	B
AA3VA	72,576	241	108	B
W4BK	49,572	162	102	B
KS4X	47,112	153	104	B
NT2F	43,512	154	98	B
W4HZD	40,128	185	88	B
KI4EZC	19,992	105	68	B
K4BP	897	24	13	B
AA4N	864	18	16	B
K1GU	1,917,816	1,952	328	C
AD4EB	620,100	985	212	C
K4AMC	368,244	779	159	C
NB4M	215,172	457	172	C
W4EEH	206,658	392	178	C
K3CQ	96,012	267	126	C
K3JWI	75,600	217	120	C
N4AAI	68,175	232	101	C
K4CX	63,603	198	111	C
N4IR	52,200	200	87	C
WD8RYC	40,299	135	101	C
WC2Z	33,264	128	88	C
W4NZ	307,125	1,129	91	15
K4EDI	2,664	37	24	15
K0EJ	69,810	368	65	80

WF7T 15,087 111 47 80

Virginia

K4ORD 174,168 359 164 A
 K4UK 162,396 358 156 A
 KI4FW 85,020 225 130 A
 W4YE 335,160 536 210 B
 WS9M/4 (WS9M/4, op)
 307,524 545 196 B
 N3TG 164,379 352 157 B
 W0QQG 149,301 341 159 B
 WB4ZPF 130,971 316 149 B
 N4CY 114,168 269 142 B
 K4OSO 97,890 260 130 B
 K4FTO 94,041 271 129 B
 NW4V 76,200 203 127 B
 K4HQK 75,900 222 115 B
 WU4G 63,270 194 111 B
 K3MZ 53,934 183 101 B
 WA4EUL 33,579 129 91 B
 K4FJW 27,018 132 79 B
 N2EX/4 25,842 118 73 B
 K8LF 25,620 126 70 B
 W4ZPR 12,798 79 54 B
 WK4W 11,448 98 72 B
 N4VA 9,639 63 51 B
 WG4M 9,522 70 46 B
 W4PJW 7,524 67 38 B
 K4CQW 5,412 66 41 B
 WB0POH 4,752 49 36 B
 K1KAV 3,150 35 30 B
 W4YL2QD (YL2QD, op)
 270 10 10 B
 AC8Y 1,336,392 1,632 276 C
 W3BP 1,237,056 1,526 272 C
 K7CS 584,676 911 218 C
 W4AU 435,810 737 199 C
 N4DJ (@N4DJ, op)
 199,656 364 188 C
 N4PD 126,999 312 137 C
 W7HJ 74,844 162 162 C

N3BM 70,551 203 117 C
 W4/AL7HW 23,310 115 70 C
 N3AO 1,560 26 20 C
 K4FJ 351,390 1,118 106 15
 K4WY 43,710 242 62 15
 N4MM 35,868 196 61 B 20
 KC4ZA 1,500 26 20 20
 N4UA 324,972 1,068 102 40
 KZ1A 31,050 152 69 40
 WO4S 2,100 35 20 B 40
 W4HJ 1,020 21 17 40
 W4PK 13,662 101 46 160

West Central Florida

N4ESS 17,856 98 62 A
 WD4AHZ 1,010,394 1,388 243 B
 N9CM 930,618 1,068 291 B
 WK2G 897,600 1,381 220 B
 N4IG 871,320 1,071 274 B
 W3TB 193,428 407 162 B
 N8JE 85,800 234 130 B
 W1CCE/4 69,252 206 116 B
 N4AO 29,520 121 82 B
 K2EUH 2,436 30 28 B
 K5RQ 957,456 1,479 218 C
 K4LQ 537,966 733 247 C
 W1YL/4 1,224 34 12 C
 N3LL 5,625 77 25 10
 N4TB 366,336 1,280 96 20

5

Arkansas

AD5YU 6,000 50 40 A
 WA5SOG 112,056 329 116 B
 W5RZ 73,260 222 111 B
 KD5J 21,450 110 65 B
 W5KI 466,473 685 229 C
 N7FF 328,251 548 203 C
 W5MK 2,304 49 16 10
 W5ZN 154,128 688 76 80

Louisiana

K5KLA 942,858 1,075 294 B

WB5TEQ	325,584	493	228	B	
N5CRO	3,312	46	24		20
W5HD	8,424	77	39		80

Mississippi

W5MPC	34,452	135	87	B	
N5PU	27,639	115	83	B	
N4OGW	428,064	736	196	C	
WM5DX	25,434	160	54		20

New Mexico

K5OI	26,640	135	74	A	
N5RKD	184,680	377	171	B	
W5YZ	160,821	331	167	B	
K5TA	107,457	302	119	B	
N5KEV	5,130	58	38	B	
N2IC	4,757,745	3,796	419	C	
K7IA	325,422	626	179	C	
N5UL	279,072	465	204	C	
KD5JAA	151,011	335	153	C	
W0ZW	13,275	75	59	C	
NV5M	48	4	4		15

North Texas

K5ND	30,444	120	86	A	
W0UO	1,352,520	1,460	312	B	
K5LH	335,808	543	212	B	
W5RYA	312,354	481	222	B	
WA8ZBT	74,580	225	113	B	
K5MR	3,170,646	3,021	353	C	
N5PO	972,810	1,214	270	C	
K5BG	291,897	574	171	C	
N5KD	190,896	394	164	C	
AB5C	67,800	216	113	C	
KF5EHV	3,978	43	34	C	
AD5MN	2,709	45	21		10
N5NK	10,332	85	42		15
WA5MUF	3,108	37	28	B	20
AA5TB	4,140	47	30		40
N5WY	2,475	37	25		40
AD5IW	1,914	43	22		40
K5RX	30,876	167	62		160

Oklahoma

AA5CK	30,186	136	78	A	
AA5JG	101,592	252	136	B	
N4JIK	85,284	234	138	B	
AE5MM	13,365	85	55	B	
AF5Q	720	26	20	B	
N5OHL	17,010	92	63	C	
N4IJ	151,050	540	95		20

South Texas

KI0G	71,874	213	121	A	
W5ESE	52,839	174	103	A	
WD5IYT	9,750	66	50	A	
WB5BKL	2,112	45	16	A	
N5AW	2,194,335	2,024	363	B	
AC5K	367,416	569	216	B	
KE3D	240,006	458	181	B	
W5EK	176,886	320	186	B	
K5LJ	174,798	355	166	B	
W5ZL	143,397	341	141	B	
AE5X	138,159	305	153	B	
NK5G	107,310	255	146	B	
N5KWN	93,372	256	124	B	
KE5LQ	92,202	245	127	B	
WA5ZKO	79,350	234	115	B	
WX5I	26,487	110	81	B	
N5KF	22,860	129	60	B	
W0UY/5	12,264	76	56	B	
W5QLF	3,906	50	31	B	
KD5MMM	2,436	36	29	B	
AA5VU	2,349	32	27	B	
K5WW	1,653	30	19	B	
WA5AU	1,188	23	18	B	
K5EWJ	451,704	648	236	C	
K5MV	439,476	711	212	C	
K5FP	128,484	522	83		15
N5DTT	1,224	25	17		15
K5ZE	32,550	183	62		40
K0GEO	15,264	106	48		40

West Texas

N5DO	422,451	649	219	A	
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W6GMT	7,080	65	40	A
WA5VSK	86,400	237	128	B
N5SM	-15	5	5	B
NZ5M	3,024	42	24	B 15

6**East Bay**

KW6G	104,103	269	129	B
K6VUG	7,920	73	44	B
N6AJR	1,680	40	14	B
NO6X	20,520	115	60	C
K6DAJ	19,998	108	66	C
W4UAT	85,956	399	76	20
AE6PP	79,755	417	65	20

Los Angeles

N6RV	563,730	844	230	B
W6JK	4,071	59	23	B
W6FA	2,904	44	22	B
N6AA	309,624	534	194	C
NF6R	82,917	254	111	C
W6OES	29,949	163	67	C
N6MI	19,488	122	56	C
N6TCZ	360	15	8	C
KM6Z	64,260	309	70	20

Orange

NT6AA	263,130	504	179	B
N6MU	217,956	443	164	B
K6CU	88,206	248	122	B
NN6CH	22,200	117	74	B
W6ZL	18,522	99	63	B
WA6RUS	16,038	99	54	B
K6NR	428,688	690	208	C
WA6KHK	356,940	669	180	C
K6HRT	75,240	295	95	C
K6OGO	53,289	203	93	C
KB6A	40,482	175	78	C
K6LG	35,787	156	79	C
W6DCC	62,370	317	70	20
KQ6ES	27,318	164	58	40
W6BVB	0	4	4	40

Santa Barbara

WA6FGV	169,371	372	153	B
KA3DRR	6,831	69	33	B
W6TK	478,224	749	216	C
W6CWM	38,097	164	83	C
W7CB	28,044	132	76	C
W6OUL	15,990	91	65	C

Santa Clara Valley

K6GFJ	57,057	213	91	B
K6KQV	38,760	156	85	B
AC6YY	23,760	121	66	B
K6JF	21,594	118	61	B
W6OPO	16,530	102	58	B
AC6SL	14,382	100	51	B
K6RM	8,010	89	30	B
K6XX	2,011,212	1,955	347	C
K6XM	308,220	481	220	C
N6NF	83,448	248	114	C
AJ6V	24,300	154	54	C
KM6I	10,125	75	45	C
WD6DX	1,260	32	14	15
K6OY	25,632	181	48	80

San Diego

W6QU (W8QZA, op)	285,012	527	182	A
WA6L	4,356	45	33	A
WN6K	434,682	788	186	B
AA6EE	74,538	246	101	B
K6NA	92,055	362	85	C
N6MUF	396	23	6	20

San Francisco

W6JTI	422,379	664	213	A
AA6YX	189,081	458	141	B
N6YEU	111,510	318	118	B
W6IYS	100,926	281	126	B
WW6D	44,073	180	83	B
AE6ZF	27,000	155	60	B
K6CTA	115,710	300	133	C

San Joaquin Valley

K6MI	19,890	106	65	A
AF6EV	330,990	603	187	B
N3RC	47,430	184	93	B
K6CSL	33,654	153	79	B
K6GGO	22,356	114	69	B
K6MEE	19,176	126	68	B
W6UR	11,352	96	44	B
K6YK	245,895	491	169	C
W6SX	176,076	408	146	C
N6ZM	82,008	278	102	C
AK7G	33,408	199	58	20

Sacramento Valley

KQ6X	29,601	151	69	B
N6EF	27,510	140	70	B
K6UZH	5,355	56	35	B
N6RK	543,600	911	200	C
W7DR	495,729	741	223	C
K6LRN	485,709	725	229	C
W6RFF	229,923	438	177	C
K6DGW	99,186	281	122	C
W6SZN	780	27	10	10
K6TA	296,100	944	105	15
W6RKC	10,656	112	32	80

7**Arizona**

N7IR	461,025	688	225	A
W0RSP	10,086	85	41	A
N6HI	216	9	9	A
K7JE	306,138	536	197	B
K7ZD	274,890	544	170	B
NI5L	201,075	388	175	B
KE7YF	110,754	299	126	B
NR7Q	104,940	272	132	B
NN6T	58,860	187	109	B
N7WS	45,000	150	100	B
W9CF	35,607	146	83	B
W7GVE	26,607	181	49	B
K7KAR	24,309	112	73	B
W0YHE	19,809	105	71	B

KS5A	13,818	95	49	B
W4LSC	13,440	72	64	B
N7RK	5,994	57	37	B
N7RK/MOBILE (N7RK, op @				
	-486	3	3	B
KO7AA	2,222,283	2,495	301	C
K7HP	615,552	907	229	C
K8BN	491,715	673	245	C
W7YS	284,208	498	191	C
KE2VB	17,112	97	62	C
WW7M	4,524	52	29	C
WE7K	924	23	14	C
AB7E	119,280	572	71	15
W7RV	54,054	234	77	15
WA0QVC	1,932	28	23	15
K7MY	17,628	120	52	20
N6MA	33,048	216	51	40
N7MAL	26,622	154	58	40
WA7NWL	8,214	78	37	40
N6SS	71,478	364	66	80

Eastern Washington

W7GB	96,600	292	115	B
WA0WWW	58,464	209	96	B
K7EIQ	8,190	67	42	B
W6AEA	567,150	970	199	C
K7HC	330,471	549	219	C
WA7LT	291,078	648	157	C
W3AS	40,590	215	66	40
K7AWB	900	20	15	80

Idaho

W7QDM	285,648	551	176	B
N7ZN	108,324	357	102	B
K7ARJ	27,510	140	70	B
KA7T	70,980	346	70	20
N4CC	27,555	169	55	40

Montana

K7GO	57,810	213	94	A
KE7X	1,116,435	1,434	263	B
KE7NO	58,080	200	110	B

WU7R	1,380	24	23	B
W7KF	304,263	580	177	C
KS7T	218,316	456	161	C
KC7UP	58,176	199	101	C
K7ABV	98,775	444	75	15

Nevada

K7ACZ	245,856	429	197	B
K7XC	205,296	334	208	B
WE6EZ	43,758	195	78	B
W6NF	90	6	5	160

Oregon

W3CP	91,869	289	113	B
K7OVM	75,870	291	90	B
K6UM	49,932	221	76	B
W7ZI	48,138	142	113	B
WJ7R	35,754	207	59	B
KI7N	24,180	124	65	B
N7VS	20,664	129	56	B
W7VO	20,460	115	62	B
NG7A	15,552	94	64	B
W7GH	12,972	96	47	B
KE7AUB	4,956	59	28	B
W7SST	3,675	50	25	B
WA7SHP	936	27	13	B
K7GK	2,444,940	2,413	340	C
NC7M	734,802	1,205	206	C
W7AT (W7EW, op)	351,393	590	203	C
N6TW	253,968	495	176	C
KN7K	158,400	364	150	C
KD7MSC	117,096	333	119	C
KA7FEF	1,620	45	12	B 15
W7MTL (@W7MTL, op)	24,804	164	53	20
N6TR	24,336	156	52	160
W7VS	147	7	7	160

Utah

WF4U	188,958	414	154	A
KU7Z	213,852	522	142	B

AC7JW	133,920	323	144	B
W7GT	22,272	130	58	B
K7ULS	11,316	96	41	B
K7CU	6,138	62	33	B
KN7PF	5,772	62	37	B
WA7CC	4,704	51	32	B
WA7BME	2,394	40	21	B
N5LZ	1,116,180	1,450	260	C
WX7G	335,445	574	209	C
AD7KG	53,742	177	106	C
KF7P	9,768	79	44	C
N7VM	1,620	28	20	20
NS7K	2,100	37	20	80

Western Washington

K7HBN	136,611	353	129	A
AB7RW	117,348	317	127	B
W7QN	114,912	343	114	B
N7EIE	59,472	247	84	B
K1LKR	50,490	202	85	B
W7NUW	33,345	173	65	B
N7BT	26,670	129	70	B
K7HV	26,496	108	96	B
WA2OCG	13,200	100	44	B
K7RL	1,911,627	2,121	303	C
W7VJ	1,315,467	1,793	249	C
N7RO	440,040	797	190	C
W7LKG	105,435	358	99	C
N3QQ	91,176	273	116	C
KT7G	66,150	219	105	C
N7QS	51,660	217	82	C
W7VXS	50,925	191	97	C
N6KW	33,048	162	68	C
NG7Z	480	22	8	10
KX7L	3,564	66	18	15
WB7FJG	7,548	72	37	40
K7BX	4,536	58	28	40
K7WA	3,600	49	25	40

Wyoming

KO7X	540,081	728	249	C
K9DR	2,304	33	24	80

8

Michigan

KT8K	330,624	581	192	A
N8DE	580,854	756	262	B
K8MEG	403,596	679	202	B
K8GT	301,056	522	196	B
N8XI	229,620	452	172	B
W8SJ	161,322	329	167	B
WB8MIW	78,174	261	101	B
W8DW	25,620	137	70	B
K8GVK	21,708	111	67	B
NF8M	17,622	95	66	B
N8AE	7,260	58	44	B
N8NX	2,070	35	23	B
N8NOE	300	11	10	B
K8GL	3,093,717	2,660	389	C
NE8P	388,935	649	201	C
KB8NNU	293,595	545	185	C
W8XC	27,606	110	86	C
NA8M	26,775	123	75	C
K8ESQ	25,038	109	78	C
WA8OLD	14,652	80	66	C
K8IR	61,977	284	73	15
W8UD	47,124	244	66	20
K8LV	427,230	1,420	101	40
W8GXT	70,503	340	71	40
W8LJB	23,256	149	57	40
W8NDG	12,513	97	43	A 40
W8TWA	5,550	51	37	160

Ohio

K8ZT	328,527	525	211	A
WB8RTJ	226,512	438	176	A
WB8JUI	555,537	664	281	B
W8TM	451,503	668	227	B
N9AUG	421,920	596	240	B
W8GOC	255,834	471	183	B
K8LY	150,174	325	162	B
N8VV	132,804	361	124	B
AA8YN	103,350	272	130	B
WB8TSD	55,200	206	92	B
AF8C	48,150	163	107	B

N2OPW	47,250	128	125	B
W8DHG	47,190	149	110	B
NK8I	27,216	117	81	B
KN8DMK	25,752	120	74	B
N8GU	21,600	104	75	B
WA3PAK	20,988	110	66	B
WA8KSS	20,367	103	73	B
NT8W	17,136	107	56	B
WA8YVF	8,736	73	52	B
W8WTS	7,155	53	45	B
W8AJF	2,772	43	22	B
WB8JAY	1,914	30	22	B
N8AA	3,007,872	2,621	384	C
N8PW	1,052,424	1,274	282	C
NF8R	671,814	864	261	C
W8EDU (W8RZ, op)				
	630,432	1,066	199	C
K8MP	619,716	1,214	172	C
W7PP	524,025	698	255	C
WA8RCN	476,100	750	230	C
K8YM (ND8L, op)				
	324,342	494	222	C
N8BHL	293,304	494	202	C
KE8M	211,848	392	182	C
W8PN	174,084	365	163	C
W8HMK	172,674	372	159	C
K8FL	157,368	321	166	C
K8ALM	43,146	161	94	C
W8MET	2,175	30	25	C
K8AJS	269,895	955	95	15
N8HP	4,698	59	27	20
KC8UR	13,650	102	50	40
ND8DX	7,452	70	36	40
K1LT	52,224	273	64	160

West Virginia

N8II	432,216	705	207	A
WA8WV	190,512	405	162	A
K8JQ	448,371	653	231	B
AA8UL (WA8KAN, op)				
	128,169	313	141	C

K8OQL	17,934	123	49	80
K3JT	18,585	108	59	160

9**Illinois**

AI9K	54,579	165	113	A
K9QVB	1,278,720	1,448	296	B
N9CO	1,050,225	1,300	275	B
W9OA	905,682	1,136	271	B
K9UIY	444,168	607	248	B
K9JE	328,350	553	199	B
W9XA	244,449	506	173	B
KD9MS	230,958	429	182	B
K9GY	211,998	400	178	B
K9MY	190,098	393	177	B
K9KM	163,200	341	160	B
KB5OS	148,230	329	162	B
NJ9Z	142,200	312	158	B
W9VQ	131,850	293	150	B
N5IE	101,745	258	133	B
WA9AQN	98,172	308	108	B
WA9LEY	97,020	236	140	B
WQ9T	67,200	202	112	B
AB9OS	58,995	203	115	B
W9WE	57,267	198	101	B
N9LYE	53,946	164	111	B
K9WMS	40,656	160	88	B
WC9B	40,068	161	84	B
NV9X	39,198	149	94	B
W9SZ	35,721	147	81	B
WB8RFB	27,492	126	79	B
WB9CHY	17,577	100	63	B
WB9HFK	16,218	102	53	B
N9NA	11,352	91	44	B
N9BT	8,700	59	50	B
WB9MII	546	14	13	B
ND9E	2,011,716	1,800	378	C
N9AVY	329,664	558	202	C
K9UQN	312,900	601	175	C
W3HDH	251,415	460	185	C
KY9KYO	247,212	449	189	C
KG9N	233,442	600	131	C

N9EP	109,557	261	141	C
AI9T	36,288	147	84	C
W9PDS	17,892	93	71	C
WB9AYW	10,800	78	50	C
K9KMD	6,498	62	38	C
K2AAW	114,525	522	75	15
W9SE	105,576	430	83	15
K9WA	101,556	404	84	15
W9ILY	74,880	314	80	15
W9YYG	218,757	960	77	20
W9WJ	60,030	290	69	B 20
N3EU	30,561	172	61	20
AI9I	3	1	1	20
K9ZO	526,140	1,600	111	40
K9CJ	58,596	262	76	40
KA9O	21,717	130	57	40
KC9IL	2,304	33	24	40
AC9S	19,344	130	52	80
N9TF	4,836	52	31	80
WO9S	756	18	14	160

Indiana

W9IP	111,321	285	133	A
W9IUF	108	6	6	A
KJ9C	152,550	226	226	B
N9XO	139,320	263	180	B
AB9V	126,684	307	138	B
KU8T	69,156	210	113	B
K9EA	55,332	170	116	B
K9SSH	39,525	174	85	B
AJ9C	39,039	145	91	B
AB9HE	23,562	128	66	B
AA9WJ	21,714	98	77	B
W9RE	4,552,119	3,909	393	C
K2UR	620,940	795	262	C
N9WKW	375,978	570	223	C
K9LA	248,082	480	173	C
N9ZI	236,550	432	190	C
N9FC	226,953	461	167	C
K9OKK	99,120	242	140	C
WB9LTY	14,469	101	53	C

K9NW	389,052	1,290	101	15	K0EX	748,548	1,068	239	C
KE9I	257,484	1,001	86	15	K0ALT	255,486	549	158	C
N4TZ	425,505	1,508	95	40	W0ZA	170,640	484	120	C
N9LJX	9,198	78	42	40	NA0BR	56,727	199	99	C
KA9FQG	1,650	30	22	40	KM5TY	24,075	112	75	C
WD8DSB	420	14	10	160	N0AH	95,076	424	76	15
K9WJU (W9CG, op)					K0YQ	21,222	133	54	15
	3	1	1	160	NÃ~CKC	9,945	85	39	B 15
					NG0T	10,710	85	42	40

Wisconsin

N9CK	1,792,296	1,758	341	B
W9LHG	311,484	532	202	B
K0CD	264,810	468	194	B
NA9J	60,264	191	108	B
WR9Y	23,976	109	74	B
W9UX	18,333	97	63	B
K9MA	1,457,742	1,712	286	C
W9OP	976,248	1,101	298	C
KB9AMG	31,257	151	69	C
W9AKS	30,960	139	86	C
WE9R	20,286	100	69	C
W9XT	291,582	1,008	97	15
N9GBB	9,600	80	40	B 20
W9FFC	432	16	12	20
W9GXR	1,020	20	17	C 40
K9AY	120,510	525	78	80
K9GS	31,860	183	60	80
K9KU	21,870	137	54	80

0**Colorado**

N0KE	473,850	724	225	A
W0ETT	566,514	818	234	B
K10J	426,240	648	222	B
KC0V	343,944	569	204	B
WK0P	174,528	412	144	B
N0GOS	68,967	239	97	B
W0RO	47,196	188	92	B
W0RAA	38,700	154	86	B
AG0A	36,480	142	95	B
N0IBT	5,100	51	34	B
K6XT	1,207,560	1,408	290	C
K0FX	904,680	1,123	280	C

Iowa

K4EQ	4,158	43	33	A
KC0VKN	196,350	379	175	B
K0ACP	35,991	133	93	B
N0AV	922,401	1,149	269	C
KB0L	16,560	96	60	C
W0EWD	273,024	963	96	15
KU1CW	611,388	1,845	111	20
W0MRZ	3,600	49	30	20
K0IO	25,665	146	59	40
N9HDE	3,306	39	29	40
N0NI	120,984	571	71	80
K0CF	3,150	42	25	80
K0KT	17,136	103	56	160

Kansas

AB0S	156,738	354	151	B
K0HNC	98,250	263	131	B
NB0Z	71,613	220	109	B
AC0E	58,740	186	110	B
W0EB	52,671	183	97	B
WÃ~YRN	41,952	152	92	B
K0RH	2,970	37	30	B
K0VXU	410,400	621	228	C
W0BH	382,452	636	203	C
K0PY	135,792	381	123	C
N0XM	78,897	235	119	C
KK0HF	47,838	242	67	15
W7JI	17,343	126	47	20

Minnesota

N0UR	261,126	539	163	A
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ND0C	194,535	404	165	A
KE0G	39,852	171	81	A
NA0N	704,106	1,064	221	B
K0AD	384,192	671	192	B
N0BU	213,585	496	145	B
WG0M	128,016	261	168	B
N0UY	124,218	334	134	B
WB0KGN	105,717	275	131	B
W0RSB	82,956	225	124	B
N1WQ	61,632	193	107	B
W0ML	42,861	165	91	B
KNOV	37,260	136	92	B
AC0W	34,968	127	94	B
K0TK	30,876	136	83	B
N3*BM	9,933	77	43	B
K0KP	2,223	42	19	B
KC0RSX	969	20	17	B
NE0U	1,215,768	1,463	283	C
W0ZQ	383,877	583	221	C
K0JJR	180,048	347	176	C
W0HW	101,184	292	124	C
W0RX	78,861	273	97	C
K0CN	17,856	96	62	15
N0OK	4,350	59	25	15
WA0LJM	663	17	13	15
K0SR	114,381	541	71	80
K0PK	39,672	232	58	80
NN0Q	5,184	60	36	80
W0HT	7,998	65	43	160

Missouri

NV0U	13,629	78	59	A
NX0I	377,316	587	223	B
W0HBH	160,875	389	143	B
W0PC	97,200	249	135	B
W7THY	86,376	250	122	B
N0EVH	68,694	221	107	B
K2HT	58,032	174	124	B
N0KMA	42,336	151	96	B
WA0L	35,100	138	90	B
KC0STQ	28,644	131	77	B

KA0P	2,268	32	27	B
K0DEQ	1,164,267	1,405	279	C
W0TY	17,784	107	57	C
KG0KP	10,143	82	49	C
KF0IQ	5,883	53	37	15

North Dakota

KE0A	303,600	589	176	C
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Nebraska

WB0M	6,678	56	42	A
KT0K	901,299	1,177	257	B
K0SW	74,772	206	124	B
K0ITC	60,144	182	112	B
W0KT	36,708	138	92	B
WN0L	3,219	40	29	C

Canada**Alberta**

VE6BBP	462,024	749	207	C
VE6TL	434,880	765	192	C
VE6EPK	96,600	284	115	C
VE6WQ	602,604	1,785	114	20

British Columbia

VA7AD	2,574	44	22	A
VA7KO	261,948	545	166	B
VE7WEB	73,872	234	108	B
VE7BGP	14,820	110	52	B
VE7BC	11,856	107	38	B
VA7HZ	225	16	5	B
VA7ST	534,000	898	200	C
VE7JKZ	142,857	339	143	C
VA7DZ	78,795	297	103	C
VE7NI	20,769	163	43	20
VA7ALK	3,243	48	23	20
VA7MM	750	26	10	80

Maritime

VE1RGB	897,606	1,066	282	B
VE1RSM	251,856	486	176	B
VY2ZM	5,549,292	4,656	399	C
VY2TT	5,218,695	4,557	387	C
VA1MM	623,616	901	232	C

VE1ZJ	480,522	684	238	C
VE1GW	47,670	232	70	20
VE1DT	110,352	487	76	40

Manitoba

VE4YU	282,489	495	191	B
VE4EAR	655,875	798	275	C

Newfoundland/Labrador

VO1HP	1,794	26	23	C
VO1HE	12,513	100	43	15
VO1BQ	3,456	48	24	40

Northern Territories

VY1EI	129,042	416	107	C
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Ontario

VA3RKM	73,428	217	116	A
VX3CW	44,814	155	97	A
VE3MO	17,355	97	65	A
VE3GFN	15,549	74	73	A
VE3RTU	933,504	1,117	286	B
VE3JM	504,612	793	214	B
VE3HG	381,216	622	209	B
VE3TW	331,641	527	213	B
VE3FH	305,760	493	208	B
VA3ATT	253,692	497	174	B
VE3KAO	224,694	445	171	B
VA3EC	180,063	356	171	B
VE3OM	158,148	384	138	B
VE3OBU	150,240	315	160	B
VE3MIA	99,663	245	139	B
VE3FJ	78,324	245	107	B
VE3LR	41,895	155	95	B
VE3RCN	30,030	130	77	B
VA3RJ	21,942	108	69	B
VA3GUY	10,716	109	38	B
VA3FN	8,775	66	45	B
VX3AT (VE3AT, op)				
	4,398,198	3,639	406	C
VE3EJ	4,298,322	3,542	406	C
VE3TA	2,524,500	2,483	340	C
VE3OI	1,883,196	2,005	318	C

VE3XB	1,405,152	1,448	328	C
VE3CX	1,368,822	1,544	299	C
VE3KZ	120,330	384	105	C
VE3ZZ	86,112	215	138	C
VE3TAZ	15,150	105	50	C
VE3UZ	1,155	36	11	10
VA3WPV	576	17	12	10
VA3PL	139,689	573	83	15
VA3PEN	741	19	13	15
VE3RER	12,546	103	41	80
VE3GSI	5,487	59	31	80
VA3EF	6,084	56	39	160
VE3CUI	5,202	51	34	160
VE3FRX	2,835	35	27	160

Quebec

VA2SG	84,336	260	112	A
VX2AWR (VE2AWR, op)				
	418,275	723	195	B
VE2AXO	52,689	198	91	B
VE2EZD	30,414	138	74	B
VE2QV (VE2FFE, op)				
	5,880	49	40	B
VE2FK	329,220	595	186	C
VX2GLA (VE2GLA, op)				
	0	0	0	20

Saskatchewan

VE5ZX	608,805	842	249	B
VE5SF	366,408	738	168	B
VA5LF	3,726	46	27	15
VE5CPU	11,439	96	41	20

Single Operator Assisted**1**

K1AR	4,046,841	3,209	423
W3UA	3,567,348	2,993	402
K1KI (KM1P, op)			
	2,665,344	2,561	352
N9NC	2,424,384	1,962	414
K2TE	2,230,740	2,312	324
W1QK	1,983,960	2,021	330
WO1N	1,608,141	1,706	317

N4WW	1,513,824	1,226	416	KV1J	73,284	199	124
N8RA	1,286,505	1,275	339	N1QV	71,508	210	118
KB1W	1,282,572	1,581	276	KK1L	61,506	207	102
K1JB	1,261,575	1,345	315	W1NT	39,672	161	87
K3IU	1,202,166	1,426	282	WA1ZYX	34,200	150	76
AA1V	1,145,370	1,050	365	K1UO	12,834	93	46
K1TR	1,018,647	1,323	259	W1AN	10,494	67	53
W1TO	974,400	1,023	320				
W1LK	967,680	1,162	280	2			
K1FWE	866,604	1,139	257	W2RE	4,323,402	3,563	414
KT1B	841,851	1,068	267	K2R (K2NG, op)			
WB1DX	766,380	985	265		4,141,200	2,935	476
KE0UI	685,824	918	256	WW2DX	3,206,964	3,053	358
W1RM	685,314	888	259	N1EU	2,506,458	2,007	419
K1VV	633,327	784	271	W1GD	2,460,954	2,109	391
W1CSM	544,152	636	287	K2SG	2,367,234	2,292	347
K1LD	542,880	801	232	N2ZX	2,254,392	1,773	426
W1NG	537,612	636	284	W2LK	2,208,759	1,890	391
KI1G	533,820	1,157	155	W2YC	1,932,822	1,769	369
N1YX	461,664	679	229	KF2O	1,558,380	1,387	380
W1CU	448,569	596	253	K2ONP	1,556,748	1,574	332
N1IW	445,440	588	256	K2KQ	1,207,017	1,142	357
WE1H	439,587	610	243	W6XR	1,151,847	1,168	333
K1RV	375,291	483	259	N2UN	1,046,700	1,174	300
W1FA	351,216	547	216	W2IRT	986,088	919	362
W1ZS	292,425	562	175	KA2D	970,884	1,098	298
W3IZ	281,970	491	195	W2LE	851,994	996	286
NG1G	246,729	382	217	K2GN	734,160	823	304
W1RZF	230,598	579	138	K2MK	710,100	906	263
KK1W	223,398	387	197	K2CJ	683,100	1,112	207
W1JR	187,488	292	217	N2FF	523,776	715	248
KS1J	166,896	366	152	K2EP	520,608	640	272
K2RS	151,263	354	147	W2GDJ	500,682	641	262
AE1T	147,678	303	163	K2QPN	458,250	621	250
N1API	144,039	377	133	N2SQW	354,438	587	203
W1MAT	140,760	344	138	N2CQ	325,752	564	196
WA1AR	111,690	263	146	K2DSL	295,365	486	203
NE1B	109,620	256	145	NJ1F	287,712	450	216
W1ZZ	107,712	206	176	WT4Q	264,654	510	174
K1KU	93,294	232	142	K3ZV	255,009	512	167
WJ1B	81,795	209	133	K2BX	224,949	459	167

N1JP	215,343	351	213	N3MX	663,264	760	294
AB2DE	191,061	310	213	W3GK	607,548	802	257
N2WK	139,860	260	180	K3NM	576,306	648	303
N2OO	122,931	266	157	N3ZA	556,416	680	276
N2YBB	96,444	233	141	W3KL	528,516	840	212
AB2ZY	89,280	197	155	NE3H	465,786	707	229
KC2NB	80,028	252	114	K3PU	338,436	560	204
WA3RHW	75,141	227	121	K3PG	321,408	513	216
W2RZS (WB2NVR, op)				W3OU	287,280	468	210
	62,040	193	110	K3PP	279,300	351	266
N2WKS	60,750	167	125	W0BR	269,064	410	222
KS2G	49,590	149	114	K3VA	266,700	512	175
WF2B	47,424	161	104	WA3AAN	235,800	396	200
WB2OQQ	42,042	151	98	W3BW	225,720	348	220
N2SO	25,530	115	74	W4EE	184,245	363	173
N2LQ	19,584	103	64	KD3TB	182,700	368	174
N2CJ	12,078	67	61	N1SZ	171,666	308	187
WA3AFS	9,360	60	60	K3STX	135,792	278	164
W2DSX	6,519	55	41	KW3F	134,919	267	171
N2KA	6,048	51	42	NA3M	133,848	520	88
N2IW	5,670	48	42	KA3BMU	108,420	266	139
				W3WC	105,270	243	145
3				K3RMB	97,047	273	123
K3WW	6,100,644	4,537	452	K3ATO	96,558	275	121
NN3W	5,639,040	3,986	480	WC3O	90,624	254	128
AA3B	4,698,864	3,512	447	W3MF	70,140	170	140
N3AD	3,346,620	2,933	386	WR3L	55,776	227	83
KQ3F	2,683,926	2,506	358	K3VAT	53,475	162	115
K3MD	2,245,320	2,116	360	K1RY	45,087	141	113
K3IPK	2,177,058	2,162	338	N3NR	28,638	113	86
N3AM	2,175,264	2,007	364	N3KV	21,312	103	74
K2PLF	2,164,551	2,162	337				
K3WI	1,807,983	1,854	327	4			
K3ZZ (@ WA3EKL)				W4MYA	2,523,696	2,093	406
	1,746,708	1,811	326	K4TD	2,320,806	2,092	373
N6CY	1,220,931	1,401	293	WO4O	2,286,036	2,111	366
K3SV	1,114,920	1,150	326	K0LUZ	2,165,196	2,084	349
K3ND	1,086,168	1,097	334	N4ZC	1,974,465	1,529	435
W3KB	987,540	1,102	302	N4KG	1,803,879	1,517	399
W3CF	898,128	1,010	308	N2TU	1,679,535	1,502	377
W3EKT	747,936	869	294	W3GQ	1,668,225	1,482	377

K2SX	1,623,930	1,421	385	KC4HW	193,158	447	147
W3OA	1,126,476	1,136	332	AD4IE	184,140	382	165
K5EK	1,096,875	1,136	325	WA2MBP	177,600	402	148
NF4A	1,060,071	1,158	307	WD4LBR	170,316	347	166
KR4F	1,027,872	1,008	344	K5ZQ	160,440	288	191
K4PB	1,006,506	1,007	342	W0YR	158,112	374	144
N4VV	974,463	954	343	KE1F	133,164	280	162
K1PT	946,344	927	344	WD4OHD	118,818	295	138
N3MK	933,432	886	356	NN4K	103,194	240	147
W4CU	932,640	1,080	290	W3ZL	102,480	251	140
K3IE	899,412	976	311	WA3OFC	102,414	210	169
K3KO	878,313	821	361	KN4Q	99,060	256	130
K2LS	871,128	897	327	WK4Y	85,008	193	161
N4DW	744,168	811	307	AA4VV	81,432	351	78
K1KO	671,724	818	282	N3ND	80,256	210	128
K4FPF	670,170	894	251	K1MIJ	78,390	209	130
AG4W	608,124	768	271	K0COP/4	78,120	212	124
K4DJ	604,428	844	241	N3UA	76,734	206	126
N4RA	555,660	643	294	N4RJ	76,380	195	134
AA4CF	533,250	724	250	KD2JA	71,136	244	104
N4NW	527,052	540	334	KY4F	57,876	184	106
N4PQX	515,214	661	261	W4WNT	55,902	168	121
N4GG	467,775	688	231	W4VIC	55,272	191	98
W4BQF	440,046	851	174	N3KN	52,140	159	110
W2YE	434,973	545	269	AB4GG	48,060	182	89
K4MA	421,500	567	250	AA1AR	42,024	137	103
W4PM	403,233	524	257	WX4TM	38,808	148	88
N4EMG	373,257	633	201	W4ATL	37,392	165	76
K1HTV	372,465	470	267	AC6NN	35,814	130	94
WB4MAK	363,831	508	247	WA4PGM	32,625	125	87
KG4W	354,240	484	246	W4KPG	31,842	131	87
W2OO	348,090	575	205	N4DXI	31,284	134	79
ND4V	339,852	454	254	W4AEJ	31,164	108	98
KI4TZ	339,240	522	220	K2SD	29,190	147	70
W2WG	331,155	503	223	N4FY	27,156	154	62
N4RV	297,705	456	223	WD4HIM	25,179	110	77
W4ZW	284,427	439	221	W4EA	24,354	126	66
K8KI	261,129	470	193	NT4D	21,312	149	48
W4LT	225,792	464	168	WR4I	17,028	90	66
WT5L	215,586	414	174	W9OY	16,380	88	65
W4FDA	212,592	346	206	N4EEB	11,766	111	37

KS4S	9,900	69	50	K6MM	475,875	688	235
K4IDD	8,580	57	52	KF6A	456,084	624	246
AA4LR	6,930	67	35	N6KI	412,716	658	211
N4NM	3,375	46	25	K6III	368,253	599	207
N4QS	3,045	38	29	N5KO/6	321,984	521	208
K4XD	240	10	8	WE6Z	301,920	550	185
AI4VA	54	6	6	W6RK	269,574	502	179

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N5AA (K5NA, op)				N6HE	176,790	433	142
	1,420,701	1,075	443	K6GEP	169,440	354	160
W0VX	901,692	1,014	297	K9JM	142,560	290	165
K5UA	635,376	986	217	N6MW	126,324	245	174
W5UE	479,856	777	208	NC6RJ	124,839	294	143
K5GM	279,543	476	197	N6VH	123,063	324	127
K5UV	259,488	411	212	K6ANP	122,310	282	151
W5GN	241,740	483	170	NI6P (NI7T, op)			
N1CC	235,614	375	214		115,542	276	147
W8FN	155,241	368	141	NE6I	113,022	302	126
K5JX	142,992	344	144	KI6T	111,384	320	119
KE5K	133,419	312	143	WB6JJJ	109,368	253	147
N5ZK (W5ASP, op)				N6WK	100,440	219	155
	130,245	465	95	K6GT	100,284	251	137
K5HDU	112,608	281	136	K6LE	91,512	247	124
N7KA	83,376	207	144	WT6K	89,250	252	125
WG5J	70,551	205	117	N6ER	80,655	290	95
K5BZH	66,690	198	117	N6NC	68,478	237	101
N5ZC	6,327	59	37	W1RH	44,226	164	91
N5VR	3,441	50	37	K6ST	34,692	121	98
W4JHC	0	1	1	KD6WKY	27,888	122	83

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K9YC	900,789	1,069	283	N6WIN	27,306	121	82
KC6X	833,280	1,008	280	WY6DX	25,641	120	77
W6YI	773,736	870	313	NK6A	24,549	170	49
K6RIM	749,664	829	304	KJ6RA	19,809	95	71
N6QQ	664,284	811	281	W6FG	18,240	101	64
K6SRZ	619,173	785	267	W6SZG	14,283	71	69
N6JV	597,045	762	265	AI6Z	11,400	76	50
WA5VGI	539,760	880	208	K6OI	9,792	69	48
N6DQ	520,812	794	222	KI6QDH	7,533	93	31
N6ED	478,392	649	248	KZ2V	5,781	49	41
				N2NS	3,450	51	23

KE6QR	2,700	60	15	WX7P	10,374	102	38
N6PE	2,244	45	17	KE7XM	6,174	58	42
AD6WL	702	18	13	WA7QCC	4,959	59	29
				W7DRA	126	7	6

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AA7A	1,832,166	1,563	393
K4XU	1,565,886	1,642	322
K7UA	956,043	1,227	261
N7TT	841,068	1,178	244
K0TO	711,180	907	270
N7NM	690,525	1,036	225
K7ZA	667,500	903	250
N7FO (KN5H, op)			
	558,516	766	244
NQ7R	490,428	730	228
W7IJ	384,990	631	205
K2PO/7 (K2PO/7, op)			
	345,156	608	196
W7SW	341,088	613	187
W7UT	305,865	976	105
KR7RK	291,456	388	253
WS7L	261,846	374	234
NW7E	226,416	426	178
W2RD	208,353	354	199
K7OX	174,420	653	90
K7VIT	169,200	403	141
K7WP	168,768	593	96
W6XI	145,920	528	95
W7WHY	144,585	317	153
K7GS	140,940	297	162
AF7Z	139,128	357	136
N7BV	135,981	531	87
ND8N	135,219	335	137
K7EKM	134,466	316	146
N7ON	130,248	269	162
K7LV	124,389	287	153
WA7LNW	97,812	217	156
WA7YAZ	96,624	248	132
WA0KDS	88,944	231	136
K7UT	86,184	274	114
W6SA	18,306	115	54

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W8MJ	2,720,268	2,381	388
N8BJQ	2,264,283	1,994	381
N8TR	1,787,169	1,367	439
AA8LL	565,848	703	271
N8MZ	531,336	689	262
W3IQ	465,912	734	216
W8TE	425,340	567	255
W8OHT	371,964	575	223
WA3C/8	345,861	479	249
N8AGU	327,726	462	238
K8BL	288,855	396	245
N4TX	284,040	535	180
W8CZN	255,465	822	105
W8KEN	206,610	364	194
WD8S	82,344	405	73
W8EH	75,648	202	128
K8CX	48,384	227	72
K8LN	43,026	146	101
WQ8T	30,615	161	65
WB8K	24,327	156	53

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WE9V	2,488,860	2,105	396
K9IMM	1,463,688	1,418	348
K9NR	1,303,902	1,375	321
N2BJ	886,608	1,068	282
N9UA	746,334	925	271
NS9I	743,895	920	271
N9AU	485,979	741	221
K9OR	380,880	553	230
NF9V	279,675	572	165
K9IJ	279,336	462	206
K9OZ	216,450	397	185
K8LEE	204,795	356	205
N9DD	191,172	359	179
KB9S	165,888	291	192

AG3R	140,781	290	167	KB0R	68,418	212	126
KA9FOX	128,016	336	127	KI0F	66,300	175	130
N9MR	125,934	305	139	N0KQ	26,625	129	71
AA9RR	93,432	231	136	NS0M	24,708	144	58
K9DUR	47,121	141	113	W0RU	23,634	104	78
N9DT	30,960	125	86	W4RK	20,832	112	62
N7MB	27,552	122	82	K0PIR	13,395	97	47
N9LAH	24,000	104	80	K0FG	2,610	36	29
K0TQ	22,896	116	72				
K9AIH	13,806	79	59				
K9EN	9,576	80	42				
NG9R	7,350	52	49				
KM9M	5,985	58	35				
N9GUN	2,976	40	32				

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K0KX	2,009,250	1,794	375
N0AT	1,729,347	1,641	353
WA0MHJ	1,607,550	1,546	350
K0RC	1,247,106	1,296	322
AB0RX	767,556	837	309
N0KK	570,624	759	256
NC0O	509,544	687	252
K0RI	424,944	636	227
K0PC	328,176	640	172
W0BM	318,081	468	229
WB0N	309,345	511	205
N0BK	247,950	442	190
K0UK	243,516	464	182
K0ZX	241,560	504	165
KM0O	203,550	598	115
K0EU	198,747	437	153
NR0T	197,400	339	200
K0QB	192,465	348	195
AC0DS	192,384	353	192
K0BX	191,565	394	165
W0AD	167,310	437	130
N0KBD	161,814	309	181
K0MPH	155,649	316	169
AA0AW	118,950	308	130
KE0L	73,542	206	119

Canada

VA2WDQ	2,546,760	2,249	380
VE3MMQ	2,144,340	1,834	396
VE3RZ	1,747,650	1,533	382
VE3MM	1,534,650	1,617	325
VE3KF	1,233,024	1,260	338
VA3DX	1,104,204	1,122	334
VE9HF	963,378	1,085	299
VE2XAA	706,020	829	287
VE3NE	552,372	779	241
VE3EK	395,811	598	221
VE7KS	362,664	558	219
VE3XAT	286,440	441	220
VE7CV	253,287	486	177
VE7IO	193,515	517	133
VE5MX	131,970	417	106
VE2LX	109,254	316	131
VE1OP	105,120	221	160
VE1MC	95,499	395	81
VE7AX	61,380	231	93
VE3WDM	6,063	58	47

Multioperator Single Transmitter**1**

K1KP (+ K10A)	2,768,688	2,984	312
W1HIS (+ NF1R & W1LWH)	1,880,817	2,026	313
NN1AA (KE1J & K1IR, ops)	1,005,210	1,259	270
W1TM (+ AK1Q)	382,659	564	229
W1FM (+ N1SOH)	358,020	624	195

2

K2QMF (+ AA2DC & AA2FB)
4,351,590 3,455 426
K2AX (+ K3ZV & N3KR)
1,330,866 1,399 321

3

K9RS (+ N3DXX & W2ID)
6,283,332 4,290 492
W3BGN (+ K2TW &)
5,934,510 4,287 466
N3BNA (+ K3QF, KN3A., K3MRK)
2,189,499 1,837 403
W3DQ (+ W2CDO & K2PS)
1,759,755 1,783 335
W3LJ (+ W3IDT & K3NCO)
180,360 357 180
W3WN (+ K3AIR)
13,248 72 64

4

KT3Y (+ K3EST, N2AA, K4SO,)
6,006,282 4,550 446
W4HZ (+ W4PM, WA4PGM, KJ4IT)
809,172 1,114 247
N4AU (+ W4AUB)
360,360 585 210
KY5R (+)
337,512 623 196

5

W5RU (KN5O, K1DW, DL7FER, ops)
2,632,203 2,217 399
KZ5P (+ KZ5J)
459,648 748 224
W5PR (W5PR+PACKET, ops)
20,352 108 64

6

K6QLF (KG6HM & KC6ZZT, ops)
216 15 8

7

NK7U (+ W2VJN)
2,739,240 2,211 420
N7WA (+ N7ZG)
1,241,730 1,565 270
W7DG (K5ZM, K17Y, K7RF, ops)
590,589 947 211
N7DS (+ NE7D)
205,758 445 161

8

W8ZHO (N8PPQ & NA8M, ops)
137,808 327 144

9

K9SD (+ K19A, K0RAY, W0TT, N0BDS,
K0JPL, WB0SND, WA9GQT)
2,675,580 2,396 380
WN9O (+ W9IU)
2,225,664 2,063 368
K9LZJ (+ K9SG)
507,078 611 286

0

KD0S (+ WD0T)
62,586 178 122
NR0L (+ NU0J)
6,642 54 41

Canada

VE3UTT (+ VE3EY)
3,459,855 2,794 415
VE3FU (+ VO1AU)
3,032,778 2,301 443
VE3YAA (VE3DQ, VE3FJ, VE3MA, VA3DDX,
VE3KAO, VE3NFR, VE3SSR, ops)
2,900,448 2,639 373
VE3CR (+ VA3DF)
1,759,320 1,484 405
VE3SAO (VE3EFC, VE3KRD, VE3RRP,
VE3XT, ops)
5,535 56 41

Multioperator Two Transmitters

N3RS (+ N3RD, N2SR, W8FJ, NG7M,
W7CT)
9,911,574 6,232 534

K8AZ (+ K8BL, K8MR, K8NZ, KQ8M, ND8L, W8CAR, W8WTS, WT8C)	8,879,598	5,903	507
KB1H (+ AA1CE, K1EBY, KB1NRB, NB1U, W1UJ)	7,853,664	5,735	464
W4RM (+ W4NF, W7IY, K5VG, K4RG, N3AHA, ND3D)	7,206,510	5,165	470
K0TV (+)	5,614,767	4,244	447
W5WMU (+ N8OO & W5XZ)	5,217,084	3,843	463
N6RO (K6AW, N6BV, N6ML, N6WM, WA6O, ops @ N6RO)	5,080,389	3,957	433
W7RN (K5RC, K6KR, N6TV, K7MS, K6NV, ops)	4,632,576	3,771	416
N0IJ (+ N0IM, AF9T, AA0AW)	3,987,645	3,029	445
N7AT (K8IA, N7RQ, KC7V, NI7R, KS5A, ops)	3,422,934	2,906	397
W2CG (+ W2EN)	2,687,190	2,426	374
W6OAT (+ K6IDX, ND2T, K2RD)	2,658,768	2,315	386
KT0R (KE0L, N0HJZ, K0MPH, K0OB, N0KK, N0KBD, ops)	1,694,448	1,719	336
W8BI (KA8OQF, KB8OCP, KB8UEY, KC8OKW, KD8HSV, ops)	273,540	497	194
VX6AO (VE6TC, VE6KC, VE9XX, ops)	82,770	315	89
W1GLO (K1QF, NM1J, W1PLM, WZ1B, ops)	64,233	228	117

Multioperator Unlimited Transmitters

K3LR (+ K3UA, N6AN, N2NC, N2NT, N3SD, N6MJ, KL9A, N0AX, W2RQ, N3GJ,)	15,769,038	8,770	601
W3LPL (+ K1DQV, K1HTV, NI1N, WX3B, N3KS, K3KU, N3OC, K3RA, K3RV, N3UA, WR3Z, KD4D, AC6WI)	14,920,698	8,372	598
KC1XX (K1DG, K1EA, K1GQ, KA1R, KM3T, N1KWF, W1FV, WA1Z, , ops)	14,775,654	8,412	589
W2FU (+ K2AXX, K2TJ, WB2ABD, K2DB, N2CU, K0SM, N2ZN, W2/E78WW, N2WK, N2PP, K5MA)	12,919,050	7,614	570
KM1W (K1EO, K1VR, K1XM, K3NA, KT1D, W1KM, W1UE, ops)	12,916,500	7,967	545

K1TTT (+ K1EP, K1MK, K1SFA, K2WR, N1AW, N1BAA, N1FJ, N2KW, NI1L, NT2X, NW2Q, W1TO, W2GB)	11,311,596	6,950	549
NR4M (+ K1SE, K4EC, K4EU, K4GM, K4GMH, K4IA, K4ZW, K7SV, KC4D, N2YO, N4FX, W4DR, W4PRO, WA4JUK, WA4PGM)	10,920,855	6,737	547
NY4A (AA4FU, K2AV, K4BAI, K4QPL, N4AF, ops)	10,495,185	6,841	515
K5GO (+ K0AP, K0NI, K0OU, K0RO, K0VBU, K5LG, K9BGL, KM5G, N5DX, N5RR)	9,901,605	6,406	521
WE3C (+ W3FV, NN3Q, K3TUF)	9,636,264	6,113	529
NR5M (N5NU, AD5Q, NM5M, K5GA, N1XS, 3V8SS, NX5M, KU5B, W0MM, W5OV, K5RT, K9CT, KG5U, ops)	9,512,955	5,950	537
K0RF (+ W0UA, W0ZP, W1XE, W2UP, K7NV,)	8,551,152	5,598	516
W0AIH (+ KB9OWD, K0TG, K0PC, K0TI, K9MU, K1KD, K0JGH, WW0J, W0RU, AC0W,)	6,082,776	4,248	486
NE3F (+ KS3F, K3ATO, WA3WLH, NG3J)	2,722,389	2,344	401

DX Single Operator

Africa

Tanzania

5H3EE (DL4SM, op)	1,054,668	1,992	179	C
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Maldives

8Q7IA (UX4UL, op)	27	3	3	20
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Morocco

5E50SA (CN8YR, op)	14,523	108	47	B
5C5W (CN8KD, op)	102,660	594	58	40

Canary Islands

EA8OM	510,504	965	178	B
EA8BQM	97,854	352	94	B
EF8T (EA8BEX, op)	36,864	196	64	B
EA8/DL6NDW (DL6NDW, op)	1,386	26	22	B
EA8CQW	17,544	142	43	15
EA8CMX (OH2BYS, op)				

315,237 1,790 59 20

EA8AVK 42,336 299 49 20
EA8NQ 24,231 198 41 20

Djibouti

J28AA 68,619 260 89 B

Namibia

V51YJ 208,848 459 152 B

South Africa

ZS2NF 101,043 316 109 B

ZS6BB 7,965 63 45 B

ZS1EL 539,460 1,011 180 C

Antarctica**Antarctica**

R1ANB 72,765 318 77 B

R1ANP (RW1AI, op)
2,079 33 21 C

Asia**Vietnam**

XV1X 210 11 7 C

Azerbaijan

4K9W 26,334 156 57 B

Israel

4Z5TK 31,098 151 71 B

4Z5QQ 2,280 40 20 15

Cyprus

H2E 188,232 517 124 B

West Malaysia

9M2ADX 420 15 10 C

Singapore

9V1YC 46,116 255 61 C

Qatar

A7/M0FGA 13,992 106 44 C

Taiwan

BV1EK 26,280 148 60 B

BX5AA 5,247 56 33 B

China

BD1TCC 14,274 127 39 B

BA1SN 6,030 68 30 B

BA7IO 4,941 64 27 B

BA4DL 32,046 221 49 C

B4TB (BA4TB, op)

18,864 134 48 C

BA4SD 105 8 5 20

Armenia

EK3SA 18,144 169 36 15

South Korea

HL3AMO 3,828 45 29 B

HL5YI 2,280 43 19 B

HL2/KF6RCP 1,458 29 18 B

DS5QLJ 510 19 10 B

DS5DNO 25,896 166 52 C

HL5UOG 22,176 132 56 C

HL2CFY 9,858 114 31 15

HL5JCB 264 11 8 40

Thailand

E20WXA (HS4DDQ, op)

459 17 9 B

HS0ZDY 20,352 139 53 C

HS0AC (HS0/OZ1HET, op)

10,200 91 40 C

HS0ZDR 414 24 6 15

HS0ZCW (K4VUD, op)

2,457 47 21 20

HS0ZEE 72 7 4 40

Saudi Arabia

HZ1PS 25,893 141 63 B

7Z1HL 11,094 86 43 B

Japan

JA6GCE 111,618 358 106 A

JR4DAH 108,576 351 104 A

JH1APZ 54,825 219 85 A

JR1NKN 23,004 145 54 A

JA1KEB 22,275 135 55 A

JA7GAX 4,416 47 32 A

JH4FUF 3,240 40 27 A

JM1KLO	2,340	39	20	A	JQ3UDL	25,842	148	59	B
7K1CPT	900	20	15	A	JE1RRK	24,522	139	61	B
JE1ILP	855	20	15	A	JE4MHL	24,192	128	63	B
JF4GWA	756	22	14	A	JF1KML	22,572	133	57	B
JH3DMQ	729	27	9	A	JA1EMQ	21,924	128	58	B
JK3AHS (@JK3AHS, op)					JN1KWR	21,840	132	56	B
	273	14	7	A	JA2QVP	21,696	118	64	B
J11RXQ	554,772	1,124	166	B	JA1ANF	20,532	121	58	B
JH1EAQ	511,335	1,042	165	B	JA2VZL	20,313	113	61	B
JM1UWB	508,515	1,032	167	B	JA1MZM	19,824	118	56	B
JA1XMS	306,900	691	150	B	JA7AEM	19,035	143	45	B
JH7CUO	292,824	667	147	B	JA1HG	17,496	111	54	B
JA2CUS	273,714	691	133	B	JE1NVD	17,202	122	47	B
JA2AXB	272,052	693	132	B	JE1REU	16,695	105	53	B
JL1ARF	247,968	669	126	B	JF3VAX	14,700	100	49	B
JA1BJI	229,944	539	143	B	JA3LZC	14,553	102	49	B
JA6WFM	197,508	609	109	B	JK1NSR	13,500	105	45	B
JH0NEC	143,640	461	105	B	JS3EOE	12,015	90	45	B
JF3NKA	123,300	413	100	B	JA1PJS	10,584	84	42	B
JA6DIJ	71,712	253	96	B	JA4BDY	10,578	85	43	B
JA1CP	67,284	254	89	B	JA9EJG	10,086	86	41	B
JA6FFK	64,500	252	86	B	JA3UWB	9,240	92	35	B
JA0BJY	63,495	251	85	B	JF7GDF	8,787	101	29	B
JA1FRQ	62,478	235	89	B	JE3UHV	8,100	77	36	B
JA2PFO	57,270	234	83	B	JA6FGC	7,650	76	34	B
JA8AJE	44,712	211	72	B	JJ1OFQ	7,104	69	37	B
JP1EWY	44,100	200	75	B	JA1IE	6,612	76	29	B
JR2AWS	43,659	189	77	B	JK1OXU	6,384	57	38	B
JA1CPZ	43,215	221	67	B	JJ4NZO/1	5,850	58	39	B
JL3MCM	42,975	193	75	B	JF1QQK	4,794	50	34	B
JA3JM	42,336	201	72	B	JJ1LRD	4,608	53	32	B
JA1AZR	42,000	182	80	B	JM1RQS	4,284	54	28	B
JF3IYW	39,597	199	67	B	JO3RCK	4,002	48	29	B
JA5UBW/3	39,006	197	66	B	JA7SSP	3,978	52	26	B
7K1MAG	37,575	168	75	B	JA9LX	3,645	45	27	B
JA1IZ	37,380	183	70	B	JR1ATA	3,567	41	29	B
JR1BAS	28,350	152	63	B	JE7HYK	3,075	44	25	B
JA1BNW	28,140	145	67	B	JA7ARW	3,036	46	23	B
J11HFJ	27,702	165	57	B	JA0IND/1	2,760	41	23	B
J11LAT	27,156	150	62	B	JE2HCJ	2,673	35	27	B
JP1PZE	26,715	138	65	B	JG2CNS	2,376	37	22	B

JA2KCY	2,376	36	24	B	JA6BWH	43,542	179	82	C
JH1HMC	2,340	40	20	B	JF9KVT	41,904	198	72	C
JF1TEU	2,331	38	21	B	JA3AVO	39,690	190	70	C
JF1PYJ	2,142	39	21	B	JA1SJV	37,488	143	88	C
JA1WQX	1,824	33	19	B	JA3DAY	32,256	169	64	C
JP1HUJ	1,584	33	16	B	JL3JTD	31,524	148	71	C
JI1BDQ	1,482	26	19	B	JH4RUF	26,040	140	62	C
JR2FJC	1,440	30	16	B	JA2IVK	23,976	154	54	C
JF1AZQ	1,050	32	14	B	JA7KY	21,156	86	82	C
JH3RVT	858	23	13	B	JL1LNC	19,170	144	45	C
JF3AYR	600	20	10	B	7L2OHM	18,126	115	53	C
JI3OGI	504	15	12	B	JR3UIC	17,985	114	55	C
JR9GMS	468	14	12	B	JM1XCW	17,523	104	59	C
JI5NWQ	462	14	11	B	JH8CXW	16,317	112	49	C
JA1UCC	462	17	11	B	7J1ABD	13,860	107	44	C
JL1NIE	330	12	10	B	JN1WFF	13,800	101	46	C
JG1ALA	168	10	8	B	JA1HMK	11,808	83	48	C
JL1CNY	135	9	5	B	JA4CZM	4,212	55	26	C
JF1NHD	1,097,280	1,928	192	C	JH2XTV	3,567	43	29	C
JA7DLE	849,186	1,502	191	C	JE7SOG	63	7	7	C
JE1CKA	673,623	1,235	183	C	JE2OTM	27	3	3	10
JR3NZC	620,370	1,153	183	C	JA1PS	12	2	2	B 10
JA2FJP	544,086	1,109	167	C	JA7OWD	3	1	1	10
JA7BME	320,112	693	156	C	JI7NUF	123,708	799	52	15
JA7ACM	309,540	776	134	C	JF1SQC	123,648	737	56	15
JA6LCJ	301,158	714	143	C	JH7XGN	118,965	725	55	15
JA7IC	276,978	702	134	C	7K4XNN	101,736	635	54	15
JR2ECF (JF1EQA, op)					JM1LRQ	92,016	571	54	15
	244,224	648	128	C	JA9CWJ	86,130	526	55	15
JE1LFX	225,180	699	108	C	JG7PSJ	83,793	534	53	15
JF1SEK	202,950	634	110	C	JP1QDH	61,500	416	50	15
JA2FSM	160,362	461	118	C	JA0UMV	44,697	322	47	15
JA7COI	157,509	474	111	C	JI1ALP	36,096	258	47	15
JL1SAM	137,592	447	104	C	JA2KVB	30,186	237	43	15
JM7OLW	65,250	294	75	C	JA1OHP	14,580	137	36	15
JG3LGD	61,560	216	95	C	JH7RTQ	14,319	130	37	15
JA6BZI	61,182	210	99	C	JJ1GQH	13,986	126	37	15
JA8DIV	54,060	213	85	C	JR1NHD	11,664	110	36	15
JR2PMT	53,268	198	92	C	JS1OYN	10,695	158	23	15
JA1HP	46,605	242	65	C	JA3PCQ	9,888	106	32	15
JA2VHO	44,238	207	73	C	JA2KKA	9,702	99	33	15

JP1IXV	9,555	95	35	15	JA6SHL	68,250	459	50	40
JK3GWT	8,019	104	27	15	JK1OPL	57,669	418	47	40
JA4DQX	7,650	90	30	15	JA8MXC	4,620	70	22	40
JM1KNI	7,470	83	30	15	JA3IKG	3,675	49	25	40
JA1CTZ	5,880	71	28	15	JJ1AVY	1,968	41	16	40
JA3YPL (JJ3TBB, op)					JR2ALA	1,584	34	16	40
	5,688	79	24	15	JA1ANG	693	22	11	40
JR8QFG	3,477	61	19	15	JF2OHQ	432	18	8	40
JJ1UDD	3,276	52	21	15	7N4CPT	252	12	7	40
JO1WIZ	2,583	42	21	15	JA4GNK	189	10	7	40
JF2FIU	2,418	62	13	15	JA1POS	108	6	6	40
JQ1AHZ/6	2,310	55	14	15	JN1BBO	75	5	5	40
JA3RAZ	1,620	39	15	15	JK1VOZ	48	4	4	40
JA1KPF	1,248	32	13	15	JG1GPY	36	4	3	40
JR2AAN/3	1,080	21	18	15	JH1AEP	28,854	238	42	80
JJ1LAI	960	20	16	B 15	JA2XYO	26,664	210	44	80
JA6PCH	798	19	14	B 15	JA1LZR	11,025	110	35	80
JK1TCV	780	26	10	15	JH3PRR	2,898	46	21	80
JH1OVY	585	16	13	15	JK1LUY	48	4	4	80
JJ3MCM	552	23	8	15	JE1SPY	720	20	12	160
JA0UPW	432	18	8	15	JM4WUZ	297	11	9	160
JE0AWL	384	17	8	15	JH1RNI	144	8	6	160
JQ2OUL	264	14	8	15					
JN1WXW	144	9	6	15	Turkey				
JR1FVW	45	5	3	15	TA1DX	18,669	134	49	B
JO1KVS	36	4	4	15	TA3AX	49,407	387	43	15
JA7FTR	183,048	1,066	58	20	TA2ZAF (OK1MU, op)				
JR8VSE	167,040	979	58	20		67,032	396	57	20
JH3AIU	150,480	888	57	20					
JH7XMO	147,030	867	58	20	Asiatic Russia				
JG2KKG	74,880	488	52	20	RA0LG	30,192	149	68	B
JH0EPI	37,440	260	48	20	RV9UP	12,555	96	45	B
JR4GPA	29,532	215	46	20	RW4AA/9	11,058	97	38	B
JA7LLL	6,120	74	30	20	UA0OD	10,692	81	44	B
JH8DBJ	6,090	75	29	20	RZ9HA	7,680	65	40	B
JE5JHZ	2,970	45	22	20	RA0AY	6,039	62	33	B
JA1BFN	2,178	36	22	20	UA0SBQ	3,999	45	31	B
JL7FBV/1	1,479	29	17	B 20	RA9MC	2,220	37	20	B
JR2TMB/1	1,035	23	15	20	RA0FU	703,674	1,434	166	C
JG5DHX	621	23	9	20	UA0ZAM	468,930	1,081	145	C
JG0AXT	72	6	4	20	UA0IDZ	436,356	1,060	138	C
					UA0FAI	398,202	1,008	133	C

UA0DC	381,381	897	143	C
UA9CLB	378,714	904	142	C
UA9TF	66,123	239	93	C
UA9AOL	38,025	201	65	C
UA0SDX	32,064	170	64	C
RV0CD	25,434	160	54	C
RG9A (UA9AM, op)				
	15,768	148	36	C
RK0AB	11,484	88	44	C
UA9CGL	9,360	81	40	C
RX9TL	5,040	56	30	C
RX9FW	3,828	47	29	C
RA9LY	507	15	13	C
RA0LL	7,134	83	29	15
RW0LQ	5,460	70	26	15
UA0ZS	70,785	431	55	20
RZ0SR	43,218	297	49	20
UA0SR	21,600	170	45	20
RV9LM	16,932	173	34	20
UA0SW	14,625	126	39	20
RA9XU	13,362	139	34	20
RW0AJ	13,110	118	38	20
RU9WZ	11,040	122	32	20
RA9AE	10,593	108	33	20
RW9QA	8,484	102	28	20
UA9AX	7,743	89	29	20
RA0QQ	7,221	85	29	20
RW9SZ	2,166	39	19	20
RV9AZ	1,785	35	17	20
UA9OQA	507	20	13	20
RV0AL	450	15	10	20
UA9UFL	126	8	6	20
UA9WOB	72	6	6	20
RZ0AF	36,015	246	49	40
RK9XA	4,032	49	28	40
RW0BG	3,198	42	26	40
RA9DR	84	7	4	40
UA9KAA	495	15	11	160
RW0LBM	168	14	4	160

Kazakhstan

UN7FW	8,190	80	35	B
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UN7TW	7,548	78	34	B
UN6GK	6,132	80	28	B
UN6P	87,906	332	91	C
UN7PL	59,823	297	69	C
UN7QF	10,944	102	38	C
UN7CN	5,460	72	26	20
UN5J	6,882	75	31	40
UN4PG	714	17	14	40

Hong Kong

VR2ZQZ	192	9	8	40
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India

VU2RMS	5,460	63	35	B
VU2UR	2,700	39	25	B
VU2JOS	810	18	15	C

Afghanistan

T6AF	12	5	4	B
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UK Sov. Base Areas on Cyprus

ZC4LI	82,362	520	53	15
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Europe**Croatia**

9A6Z	30,660	145	73	B
9A4WY	1,018,668	1,892	181	C
9A3ST	227,232	536	144	C
9A2JK	218,964	521	142	C
9A2EU	61,446	266	77	C
9A5X	187,797	1,066	59	15
9A5D (9A3ID, op)				
	117,612	739	54	15
9A3VM	107,082	670	54	15
9A5Y (9A3NM, op)				
	26,676	229	39	15
9A3TR	265,002	1,527	58	20
9A1AA	177,708	1,010	59	20
9A2KD	92,394	524	59	20
9A4KW	84,474	499	57	20
9A2OU	3,744	59	24	20
9A4BA	2,904	45	22	40
9A1CCY (9A3LG, op)				
	109,512	708	52	80

9A0AA (9A6M, op)
 108,576 705 52 80
 9A3B (9A2VR, op)
 48,204 415 39 80
 9A3IH 6,972 85 28 80

Portugal

CT7/LZ3ND 173,535 508 115 A
 CT1JLZ (OK1RF, op)
 3,625,671 4,234 287 C
 CR6K (CT1ILT, op)
 3,621,594 4,071 298 C
 CT1GFK 6,204 47 44 20
 CT1AOZ 5,544 67 28 40
 CT1ANO 4,650 62 25 40

Azores

CU8AS 4,248 65 24 80

Fed. Rep. of Germany

DK1YY 250,509 559 151 A
 DK1IZ 12,555 94 45 A
 DL3BVA 3,402 42 27 A
 DM1LM 84 7 4 A
 DK5CS 75 6 5 A
 DK5DQ 614,796 1,132 182 B
 DJ6OZ 309,771 698 149 B
 DL5XJ 275,220 666 139 B
 DK8NT 259,116 575 151 B
 DL7BY 241,110 575 141 B
 DL3KVR 234,675 534 149 B
 DL7UMK 208,488 483 146 B
 DL3VZL 200,214 484 147 B
 DL1DXA 190,128 475 136 B
 DJ8EW 189,930 495 130 B
 DL3ZAI 184,986 482 129 B
 DM2DXA 184,680 459 135 B
 DL1DUO 160,344 418 131 B
 DL5KUD 159,744 416 128 B
 DM3HZN 140,760 397 120 B
 DL5JS 132,354 393 114 B
 DM3PKK 129,108 373 116 B

DK3YD 128,520 342 126 B
 DK7GH 124,584 361 116 B
 DL9LM 116,493 383 103 B
 DL1DTL 111,672 401 94 B
 DL4JYT 108,540 342 108 B
 DL4YR 106,134 368 98 B
 DL1NKS 105,288 331 107 B
 DL1VJL 102,060 318 108 B
 DL3FF 100,806 323 106 B
 DL5YL 92,295 300 105 B
 DL8UKE 89,352 297 102 B
 DL1EAL 87,984 282 104 B
 DL3XM 86,400 288 100 B
 DL6DCD 83,790 297 95 B
 DJ8UL 82,812 279 103 B
 DK5DC 82,377 247 113 B
 DL8MBS 81,786 323 86 B
 DJ7IK 81,696 298 92 B
 DL7FCQ 81,270 307 90 B
 DL3ARK 69,840 241 97 B
 DK4WF 68,100 227 100 B
 DL5CD 65,952 236 96 B
 DL2LRT 62,667 215 99 B
 DL0NG (DK8NC, op)
 59,697 203 99 B
 DL2FCA 58,608 228 88 B
 DL9SUB 57,816 220 88 B
 DL2RUG 57,246 206 94 B
 DL8UNF 56,088 236 82 B
 DL3FBB 54,036 242 76 B
 DJ2YE 53,628 223 82 B
 DL1RTS 51,528 227 76 B
 DF4UM 51,408 207 84 B
 DL4ZA 50,358 220 77 B
 DL4AAE 48,708 199 82 B
 DL5ARM 43,680 185 80 B
 DF8UO 43,200 183 80 B
 DL1AMH 41,391 190 73 B
 DL3KWR 38,844 173 78 B
 DL4MAQ 35,574 154 77 B
 DL6ZBN 33,858 176 66 B

DJ2YA	32,100	107	100	B	DL0MB (W1NN, op)				
DL1TS	31,950	144	75	B		1,774,104	2,575	232	C
DL5CL	30,825	144	75	B	DK3KD	1,485,942	2,241	227	C
DF1SZ	26,640	149	60	B	DL8QS	635,325	1,088	197	C
DF3OL	25,200	120	70	B	DL5AN	531,000	903	200	C
DK1FT	23,925	147	55	B	DK5JM	431,208	927	159	C
DL7UGO	22,743	146	57	B	DL1VDL	270,480	563	161	C
DL1ARJ	22,302	122	63	B	DL4WA	262,878	572	154	C
DL4VQ	21,960	130	60	B	DH8VV	245,508	508	164	C
DL1ARD	21,546	133	57	B	DL2DX	242,757	739	111	C
DM2LB	21,168	100	72	B	DJ8RS	230,850	523	150	C
DK8EY	20,592	132	52	B	DL3KUM	217,131	463	157	C
DH5MM	18,096	109	58	B	DL2MDU	153,846	411	126	C
DG7RO	16,482	88	67	B	DK7VW	149,076	406	123	C
DL1EKO	13,596	105	44	B	DL9ABM	140,481	388	121	C
DF8XC	12,177	102	41	B	DJ5IW	133,176	373	124	C
DC9MA	11,700	103	39	B	DK1AX	115,431	356	109	C
DL1DQW	11,466	79	49	B	DL6UNF	96,900	326	100	C
DL2MM	10,824	93	41	B	DL6EZ	91,791	333	93	C
DJ5QE	9,804	78	43	B	DF2QZ	77,988	271	97	C
DF1HF	8,241	69	41	B	DL5YM	75,600	305	84	C
DM3GH	7,140	74	34	B	DD2ML	64,206	249	87	C
DJ6UP	7,020	70	36	B	DJ1XT	54,675	228	81	C
DL4AC	6,960	59	40	B	DF6RI	47,742	225	73	C
DL5DRM	6,726	61	38	B	DL4ME	40,425	178	77	C
DL7VRG	6,720	59	40	B	DL3YA	28,908	153	66	C
DL1CJ	6,720	67	35	B	DC9ZP	24,570	136	63	C
DF3SS	6,633	68	33	B	DL2NBY	18,150	121	50	C
DJ8RX	5,940	61	33	B	DK3AX	15,651	113	47	C
DO2MS	5,661	56	37	B	DL5MEV	13,617	91	51	C
DJ3EF	5,208	56	31	B	DH1PAL	5,994	55	37	C
DG8VE	5,184	49	36	B	DJ6TK	5,940	61	33	C
DL7UXG	4,278	46	31	B	DL2DXA	4,416	64	23	C
DL3JRA	3,864	48	28	B	DM3F	4,410	47	35	C
DL3EBX	3,696	58	22	B	DF3TE	2,139	31	23	C
DL6ATI	3,456	42	32	B	DL7BA	2,112	32	22	C
DH8MS	2,646	42	21	B	DK7AN	37,365	236	53	15
DK0MN (DK3YD, op)					DM5TI	31,968	223	48	15
	1,920	32	20	B	DF7JC	12,423	101	41	15
DO6SR	84	7	7	B	DL2OM	12,093	143	29	15
DL1IAO	2,392,500	3,199	250	C	DK5IM	9,360	104	30	15

DH3RB	9,216	96	32	15	DM5JBN	486	19	9	40
DO1CTL	7,020	82	30	15	DM7C	12	2	2	40
DF3SM	6,336	66	32	A 15	DL6FBL	167,265	948	59	80
DL8ZAJ	5,829	68	29	15	DJ0MDR	113,568	743	52	80
DF4WC	2,310	36	22	15	DR4A (DK5PD, op)				
DL4VM	2,268	43	18	15		112,572	713	53	80
DJ6XB	1,104	23	16	15	DK2OY	72,615	520	47	80
DL2MIH	27	3	3	15	DL7CX	46,920	350	46	80
DP4K (DK3DM, op)					DL4SZB	6,132	75	28	80
	278,100	1,550	60	20	DL1ET	663	17	13	160
DL6FA	107,439	618	59	20					
DL3DTH	78,318	460	57	20	Bosnia-Herzegovina				
DL9ZP	61,464	395	52	20	E72U	33,696	156	72	B
DK3WW	43,836	283	52	20	E77R	6,834	68	34	B
DL6KO	36,456	256	49	20	E75MJ	6,039	66	33	B
DL0VV (DL5CC, op)					E74WN	9,135	107	29	C
	34,986	246	49	20	E77XZ (DK6XZ, op)				
DC8SG	30,870	215	49	20		184,788	1,049	59	15
DL1BA	27,324	203	46	20	E70R	61,692	394	53	15
DD5KG	24,702	183	46	20	E73W (E73O, op)				
DF0CG (DL6FBL, op)						258,774	1,479	59	20
	23,517	201	39	20	E74A	230,760	1,288	60	20
DH2URF	23,490	175	45	20	E70T	215,025	1,188	61	20
DL4XU	21,033	172	41	20	E73YL	28,080	236	40	40
DD1IM	17,901	156	39	20	E73PY	3,168	50	22	40
DK4WW	14,883	124	41	20	E71A	118,614	759	53	80
DF5BM	14,874	136	37	20	E74IW	113,679	763	51	80
DL5KUR	13,200	112	40	20					
DF1XC	12,078	122	33	B 20	Spain				
DL1YFF	1,575	25	21	20	AO7AAW (EA7AAW, op)				
DJ2QV	274,860	1,534	60	40		136,032	420	109	A
DL5AWI	185,673	1,059	59	40	EA3FHC	24,366	133	62	A
DL4CC	92,232	551	56	40	EA1GT	21,840	145	56	A
DJ9VA	82,458	514	54	40	EA1KC	9,240	88	35	A
DL1DQY	12,000	125	32	A 40	AN2A (EA2AYD, op)				
DJ4PI	10,605	102	35	40		1,433,649	2,082	233	B
DL7ET	9,483	111	29	40	EA7WA	331,674	749	149	B
DL3HWD	7,392	92	28	40	EA7NW	219,876	507	146	B
DL7YAD	5,103	65	27	40	EA5AWJ	190,704	467	137	B
DK1KC	2,268	42	18	40	EA3GP	112,548	334	113	B
DL2YED	1,215	28	15	40	EA1CBX	82,500	281	100	B
					EA5DCL	76,752	251	104	B

EA5CP	75,078	260	97	B			
EF3A	74,880	324	78	B			
EA2SS	67,032	270	84	B			
EA5FQ	41,778	220	66	B			
EA3GBA	38,010	195	70	B			
EA3ALV	35,550	165	75	B			
EA5BWR	34,254	178	66	B			
EA1AST	32,193	149	73	B			
EA3BOW	29,190	155	70	B			
EA1NE	28,140	137	70	B			
EA5FJD	26,316	135	68	B			
EA4OA	24,111	144	57	B			
EA2BD	20,592	138	52	B			
EA1AW	15,288	103	56	B			
EA3FF	11,421	83	47	B			
EA2BVV	11,205	91	45	B			
EA2SW	10,176	70	53	B			
EA7MT	8,844	70	44	B			
EA5ASM	8,073	70	39	B			
EB2RA	3,978	45	34	B			
EA3FHP	1,680	29	20	B			
EA4KG	756	18	14	B			
EA4KD	1,752,864	2,384	248	C			
EF1A (EA1XT, op)							
	1,539,516	2,419	214	C			
EA7TG	885,000	1,500	200	C			
EA3AR	448,896	1,346	112	C			
EA5YU	287,655	635	151	C			
EA4DRV	173,964	455	133	C			
EA2LU	73,632	475	52	15			
EA2BNU	40,185	290	47	15			
EA3NO	39,150	262	50	15			
EA4CWN	6,660	76	30	15			
AO5W (EA5DWS, op)							
	5,265	68	27	15			
EA2TO	2,700	46	20	15			
EA5ON	1,824	41	19	15			
EA5GVZ	9	3	3	15			
EF7R (EA7AJR, op)							
	156,420	886	60	20			
AM1G (EA1ND, op)							
	110,466	665	57	20			
ED5T (EA5GS, op)							
	62,805	397	53	20			
AO7T (EA7KJ, op)							
	41,472	292	48	20			
EA5FV	189,810	1,124	57	40			
EA1FD	46,200	376	44	40			
EA7GSU	39,150	290	45	C	80		
Balearic Islands							
EA6ZS	28,908	136	73	B			
EA6BF	7,455	72	35	C			
Ireland							
EI5DI	267,081	707	127	B			
EI4II	58,566	237	86	B			
EI7CC	48,645	235	69	B			
EI7JK	43,362	208	73	B			
EI4CF	244,992	1,423	58	20			
EI4HQ	12,276	126	33	40			
EI2CN	14,985	135	37	160			
Moldova							
ER3AU	32,850	222	50	B			
ER2RM	1,995	36	19	15			
ER5DX	8,988	109	28	40			
Estonia							
ES1WST	3,102	48	22	A			
ES5DB	50,778	220	78	B			
ES5RY	850,440	1,500	190	C			
ES5QX	45,864	295	52	C			
ES2JL	17,544	172	34	C	15		
ES2MA	8,262	82	34	15			
ES2MC	81,648	487	56	20			
ES4RD	27,354	198	47	20			
ES2EZ	8,280	93	30	40			
Belarus							
EU2MM	129,819	401	109	B			
EW1EA	79,764	289	92	B			
EU1DZ	34,506	163	71	B			
EV6Z	10,680	92	40	B			
EW2ES	5,550	55	37	B			

EW2EO	240	10	8	B	F5CT	2,511	32	27	B
EW5A (EW2AA, op)					F8FSK	1,056	23	16	B
	528,342	1,043	173	C	TM6X	2,442,177	3,128	261	C
EU1AZ	299,406	725	139	C	F6HKA	956,088	1,637	196	C
EW4AA	130,968	413	107	C	F8BBL	215,208	495	147	C
EW3LN	71,064	255	94	C	F8CRS	140,208	371	127	C
EW8OM	20,664	128	56	C	F5BBD	71,526	268	91	C
EV1P	14,550	106	50	C	F5YJ	64,842	220	101	C
EW8DX	79,542	500	54	20	F6CXJ	40,584	159	89	C
EW6AF	27,060	210	44	20	F6KNB (F6IRA, op)				
EU1CL	25,344	199	44	20		190,275	1,080	59	15
EU6AF	9,975	95	35	20	F6ARC	324,264	1,837	59	20
EW2EG	1,620	36	15	C 20	F9KP	27,720	220	42	B 20
EW6EW	27	3	3	20	F5OGL	265,323	1,535	59	40
EW7LO	55,977	404	47	40	F4FDA	23,046	168	46	40
EU6AA	324	18	9	40	F6FTB	4,602	60	26	40
EU1UN	43,440	366	40	80	F5UL	2,100	37	20	40
EW8DZ	9,306	94	33	B 80	F2DX	170,487	1,004	57	80
EU8RZ	5,400	73	25	80	F6EPO	3,102	67	22	80
EW6GF	2,208	46	16	80					
EW8DJ	720	25	10	80					
					England				
France					G0DCK	121,980	394	107	A
F5MUX	1,185,444	1,944	204	A	G4DBW	45,144	199	76	A
F5UKL	111,228	307	124	A	M0CEF	5,040	57	30	A
F5MPN	12,792	110	41	A	M0SFR	2,850	44	25	A
F5IQJ	3,726	48	27	A	G0WAT	48	4	4	A
F5IYJ	2,916	39	27	A	G0LZL	816,525	1,435	191	B
F5QF	281,808	622	152	B	G3KNU	181,173	468	131	B
F5VV	166,878	450	127	B	G3KKP	148,695	441	115	B
F5CBQ	118,374	368	109	B	G4MKR	122,094	331	126	B
F5POJ	86,790	270	110	B	G3RLE	97,440	281	116	B
F6FDR	78,210	249	110	B	G3ZGC	94,695	297	107	B
F5IAE	70,713	246	97	B	G3RSD	70,422	248	97	B
F5PAL	52,020	207	85	B	G3WRR	57,330	212	91	B
F5SGI	36,636	174	71	B	G3JJZ	45,936	177	87	B
F5KLE	21,771	126	59	B	G3LIK	39,120	168	80	B
F6EWX	15,675	98	55	B	M1SMH	36,423	173	71	B
F5RPB	13,662	99	46	B	M0YEC	34,200	194	60	B
F6CZV	6,138	65	33	B	G3KMQ	32,193	148	73	B
F8FQJ	3,780	46	28	B	G3VYI	27,090	134	70	B
					G3NKS	26,688	139	64	B

G3GLL	18,408	104	59	B
M0TJU	17,955	112	57	B
G3ZHE	11,907	89	49	B
G0RPM	11,172	78	49	B
M0CFW (JK3GAD, op)				
	10,962	89	42	B
G0TOC	9,990	91	37	B
G3VGR	9,108	71	44	B
G0WHO	7,344	70	36	B
G2HDR	7,128	68	36	B
G3ORY	926,208	1,623	192	C
G4BJM	317,031	742	143	C
G4BUE	233,208	506	158	C
G4KFT	135,720	395	116	C
G4HZV	117,975	328	121	C
G4SGI	95,472	306	104	C
G0HVQ	90,843	285	107	C
G4PIQ	82,419	338	83	C
G4BUO	82,113	272	101	C
G0ORH	100,968	616	56	15
G6MC (G4MEM, op)				
	74,745	463	55	15
G0MTN	48,786	349	47	15
G0HDB	22,446	175	43	15
G0VXE	14,136	125	38	15
G3RAU	193,836	1,117	58	20
G4ERW	28,566	209	46	20
G3YBY	18,774	152	42	20
M4T (G0VQR, op)				
	7,056	84	28	20
M0NDZ	48	5	4	20
G3LHJ	7,176	96	26	40
G6CSY	3,036	46	22	40
G3SJX	20,640	163	43	80

Isle of Man

MD0CCE 1,009,632 1,629 208 C

Northern Ireland

GI0RQK	537,435	1,361	135	B
GI0KOW	171,171	1,016	57	80
GI4VIV	6,006	82	26	80

Scotland

GM4KGK	133,722	402	114	B
GM3NHQ	93,120	335	97	B
MM0RKT	23,490	137	58	B
GM4CXM	10,878	75	49	B
GM4UYZ	1,134	23	18	B
GM7R (GM0NAI, op)				
	2,615,220	3,347	261	C
GM3JKS	209,820	544	130	C
GM4SID	37,914	178	71	C
GM3POI	330,600	1,903	58	20
GM0WED	47,382	302	53	20
MM0BQI	12,852	128	34	40

Guernsey

MU0FAL 155,511 471 111 B

Wales

GW3NJW	19,440	136	48	C
GW3YDX	165,660	1,020	55	15
GW6W (GW0ETF, op)				
	138,852	800	58	20
MW0CWJ (MM0CWJ, op)				
	6,480	73	30	20

Hungary

HA8BE	213,426	506	142	A
HA5BA	33,015	159	71	A
HA5OB	3,384	47	24	A
HA0GK (HA0GK-VIKY, op)				
	3,096	43	24	A
HA6NL	139,587	402	119	B
HA3MU	138,168	412	114	B
HA1BC (DL1MAJ, op)				
	79,818	252	106	B
HA2MN	61,920	258	80	B
HA0ML	61,710	248	85	B
HA8WZ	56,502	219	86	B
HA8CQ	54,612	227	82	B
HA7JQK	4,785	56	29	B
HA8KVK (HA8VK, op)				
	408,360	847	166	C

HA7LW	194,166	494	134	C	I2WIJ	294,216	601	164	B
HA3OU	158,004	403	133	C	IZ3DBA	154,224	443	119	B
HA7VK	29,580	171	58	C	IT9RZU	130,944	356	124	B
HG10P (HA3MY, op)					I0ZUT	111,384	363	104	B
	165,648	966	58	15	IN3FHE	105,258	333	106	B
HA0NAR	103,656	633	56	15	IK0TWN	54,378	162	114	B
HA8TP	56,940	371	52	15	IZ1GIP	47,925	228	71	B
HA8JV	222,660	1,240	60	20	IK5PVX	41,118	178	77	B
HG4I	147,030	855	58	20	IK8YJQ	40,608	188	72	B
HA7GN	143,370	816	59	20	IK2NUX	36,540	174	70	B
HA1YI	111,864	642	59	20	IK4RQE	36,000	151	80	B
HG5A (HA8LLK, op)					IK1WEG	29,181	147	71	B
	240,120	1,353	60	40	IK1CCS	28,500	128	76	B
HG7T	213,672	1,236	58	40	IW5EIJ	25,350	133	65	B
HA5W (HA5BWW, op)					IT9LKX	24,576	129	64	B
	16,872	151	38	40	IK5ZUB	24,003	130	63	B
HA8A (HA8DZ, op)					IZ5HQB	22,425	119	65	B
	108,888	705	52	80	IZ0FZM	21,942	113	69	B
HG8R	96,543	638	51	80	IK1DPA	18,648	117	56	B
HA8IB	81,216	590	47	80	IK2AIT	17,808	112	56	B
HA6OL	33,588	320	36	80	IZ1DXS	16,356	97	58	B
HA0BY	4,032	61	24	80	IZ8GBT	15,390	98	54	B
					IZ0EHL	14,742	96	54	B
					I4AUM	13,833	98	53	B
Switzerland					IV3KSE	10,824	89	41	B
HB9BMY	289,800	649	150	A	I6FDJ	9,675	79	43	B
HB9ARF	285,633	642	149	B	IK5FKF	8,964	85	36	B
HB9BGF	18,792	123	54	B	IZ7EUB	8,307	77	39	B
HB9SVT	5,445	56	33	B	IK8MYM	7,548	70	37	B
HB9WDY	3,528	47	28	B	IZ1BZV	5,346	60	33	B
HB9LCW	1,046,424	1,487	236	C	IK2SVF	4,374	54	27	B
HB9DHG	391,230	974	138	C	IK2IKW	3,096	44	24	B
HB9AZZ	216,228	491	148	C	IK2WYI	2,898	43	23	B
HB9AUS	201,390	492	137	C	IZ3KMY	2,277	33	23	B
HB9CPS	42,897	183	79	C	IZ0GXM	1,311	23	19	B
HB9FBM	17,556	154	38	20	IZ8JAI	918	18	17	B
HB9FAP	295,362	1,632	61	40	IW0GYC	756	18	14	B
					IU1A (IK1SPR, op)				
						1,257,201	2,261	187	C
Italy					IK5AFJ	142,740	380	130	C
IV3AOL	68,115	241	95	A	IZ3ETU	113,850	348	110	C
IK3TZB	12,144	89	46	A					
IZ3NVR	7,884	75	36	A					
I2AZ	6,156	58	36	A					

IK0FUX	107,640	301	120	C
I3FDZ	66,360	290	79	C
IK2SAU	48,357	206	81	C
IK2WXV	34,650	158	75	C
I2SVA	15,876	151	36	C
IN3YKS	12,099	117	37	C
IV3DYS	10,074	77	46	C
IR1R (IK1HJS, op)				
	185,142	1,051	59	15
IK0EIE	27,450	183	50	15
IZ2FLX	9,984	106	32	15
IV3GOW	3,330	44	30	15
IO3P (IV3ZXQ, op)				
	235,338	1,292	61	20
IO3N (IV3RLB, op)				
	230,277	1,310	59	20
IR1G (IK1QBT, op)				
	221,427	1,255	59	20
IK0YUT	195,585	1,117	59	20
IZ5BRW	43,212	287	52	20
IZ2DII	22,560	161	47	20
IV3JCC	4,680	52	30	20
IK5OJB	1,512	32	18	20
IQ5MS (IZ5NFD, op)				
	792	23	12	20
IZ8EFD	684	22	12	20
IR1Y (IK1YDB, op)				
	300,900	1,705	59	40
IZ8GCB	75,750	511	50	40
IZ2EWR	70,128	494	48	40
IK4AUY	62,883	421	51	40
IV3WJP	18,240	163	38	40
I3BBK	16,644	150	38	40
I3MLU	10,464	111	32	40
IV3AZV	7,830	95	29	40
IK2DED	46,656	328	48	80
IK2SND	30,771	272	39	80
IK0XBX	22,089	201	37	80
IT9ESW	6,390	71	30	80
IK0HBN	16,848	156	36	160

Sardinia

IS0RDY	17,100	152	38	40
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Norway

LA8AW	128,760	374	116	B
LA2O	111,807	412	101	B
LA1YE	87,885	317	93	B
LA6DW	67,392	292	78	B
LA2HFA	59,049	246	81	B
LA3ZA	50,676	206	82	B
LA7TO	33,456	173	68	B
LA0FA	30,396	151	68	B
LA3RK	5,472	66	32	B
LA7CL	1,512	31	18	B
LA5HE	270,270	551	165	C
LA8PDA	171,342	513	114	C
LA8XM	59,892	217	92	C
LA2OKA	1,260	30	15	C
LA9TJA	42,048	303	48	15
LN9Z (LB1G, op)				
	237,180	1,355	59	20
LA1QDA	22,386	183	41	20
LA9DK	6,630	86	26	20
LA7RRA	4,284	55	28	20
LA4EJ	6,438	75	29	40
LA7GIA	240	10	8	40

Lithuania

LY2T	147,465	439	113	A
LY5G	5,247	54	33	A
LY2TS	105,930	340	107	B
LY10ANT	32,868	168	66	B
LY4K	14,112	98	49	B
LY2BNL	528	17	11	B
LY8O	1,355,460	2,229	205	C
LY9Y	1,339,800	2,041	220	C
LY2VA	62,517	232	91	C
LY4CW	46,350	209	75	C
LY2DZ	28,917	155	63	C
LY1XA (LY2KA, op)				
	8,208	72	38	C

LY2MM	13,125	125	35	15	LZ1PM	4,350	50	29	20
LY4L	136,416	790	58	20	LZ1AQ	2,829	43	23	20
LY2RJ	19,800	171	40	20	LZ1EP	1,674	31	18	B 20
LY2DV	9,207	108	31	20	LZ1GL	107,484	708	52	40
LY2SS	819	22	13	20	LZ4TX	94,227	648	49	40
LY1CT	2,754	52	18	40	LZ2PS	19,722	173	38	40
LY2J	41,760	359	40	80	LZ1QV	12,987	118	37	40
LY9A	3,276	52	21	80	LZ170HD (LZ4RV, op)				
LY3ID	825	25	11	80		10,710	106	35	40
LY1BX	210	10	7	80	LZ2PEP	10,692	99	36	40
LY2IJ	48,048	288	56	160	LZ1DCD	9,114	100	31	40
LY7A (LY1FK, op)									
	1,200	28	16	160					
LY2OU	675	18	15	160					

Bulgaria

LZ2RS	162,495	474	115	A
LZ5XQ	145,824	401	124	B
LZ4UU	137,013	426	109	B
LZ1ONK	97,335	318	103	B
LZ2FM	53,124	236	76	B
LZ7H	41,172	189	73	B
LZ1DQ	33,984	183	64	B
LZ1IQ	22,302	138	59	B
LZ3PZ	2,340	37	26	B
LZ3TL	1,566	32	18	B
LZ1HW	1,296	25	18	B
LZ4RR	459,333	983	161	C
LZ2JR	211,752	525	136	C
LZ3FN	78,660	291	92	C
LZ2A (LZ2DB, op)				
	68,820	316	74	C
LZ8E (LZ2BE, op)				
	49,053	198	83	C
LZ1BJ	35,712	249	48	C
LZ2NG	26,520	157	65	C
LZ1MC	17,850	171	35	15
LZ9X (LZ1RB, op)				
	105,678	627	57	20
LZ1MS	104,922	614	58	20
LZ1DNY	12,285	106	39	20

Austria

OE6MDF	98,208	351	96	B
OE8Q (OE8SKQ, op)				
	2,206,638	3,013	249	C
OE2BZL	343,635	745	155	C
OE3GCU	241,500	579	140	C

Finland

OH8DR	33,264	179	63	B
OH2LP	13,524	99	46	B
OH3HS	4,200	51	28	B
OH6K (OH6VM, op)				
	196,236	481	138	C
OH2BCK	159,804	398	138	C
OH6RE	146,202	413	118	C
OH1RX	59,085	199	101	C
OH2VZ	58,344	225	88	C
OH2BBT	50,676	206	82	C
OH2BAH	37,908	166	78	C
OH2BR	7,680	64	40	C
OH6KZP	58,656	416	47	15
OH8A (OH8WW, op)				
	39,564	321	42	15
OH2XF	11,100	105	37	15
OH3MF	4,554	46	33	B 15
OH8L (OH8LQ, op)				
	276,120	1,545	60	20
OH1KIO	7,968	85	32	20
OH2LNH	5,655	70	29	20
OH6M (OH6LBW, op)				
	69,156	460	51	40

OH6TN	2,520	42	21	40	OK1FPS	191,700	1,069	60	15
OH6LI	58,872	448	44	80	OL8M	144,963	825	59	15
OH8LQ	5,772	75	26	80	OK2QX	25,476	196	44	15
OH8CW	1,575	36	15	80	OK2PCL	23,220	178	45	15
OH4A (OH6KZP, op)					OK1XC	10,878	102	37	15
	36,888	233	53	160	OK1DRX	8,448	89	32	15
					OK5SA	8,190	79	35	15
					OK1ARO	5,475	75	25	15
					OK2ABU	5,100	69	25	15
Czech Republic					OK8YD (DL1YD, op)				
OK2BYW	360,639	707	171	A		211,515	1,199	59	20
OK1WF	74,529	280	91	A	OL9Z (OK2PVF, op)				
OK1FKD	42,423	183	79	A		192,096	1,126	58	20
OK1FAO	8,208	73	38	A	OK2ZI	62,073	363	57	20
OK1DMP	192	8	8	A	OK2BME	15,768	163	36	20
OK6Y (OK2PTZ, op)					OK2PBG	12,285	117	35	B 20
	400,575	766	175	B	OK1JVT	9,024	101	32	20
OK1HX	361,089	761	159	B	OK6AY	7,200	75	32	20
OK2BUT	304,407	689	149	B	OK2BNF	5,175	78	23	20
OK2YT	267,360	557	160	B	OK1Z	249,747	1,420	59	40
OK1GS	224,388	554	138	B	OK2BRS	24,687	221	39	40
OK1DKR	192,237	463	139	B	OK1AY	23,436	186	42	40
OK2CQR	168,480	421	135	B	OK8DD	22,200	187	40	40
OK2SGW	123,165	362	115	B	OK2SG	19,656	169	39	40
OK7MT	120,060	349	115	B	OK2HZ	14,949	153	33	40
OK2EC	113,904	346	112	B	OK2WO	13,932	134	36	40
OK1SI	112,530	345	110	B	OK2BTT	4,500	61	25	40
OK1BA	55,842	234	82	B	OK1UG	4,290	65	22	40
OK2AJ	55,029	221	83	B	OK7GU	2,166	38	19	40
OK1FCA	52,896	233	76	B	OK3R (OK1DVM, op)				
OK2EA	45,288	207	74	B		82,062	586	47	80
OK1FHI	44,034	181	82	B	OK1VD	38,052	312	42	80
OK1HEH	41,238	182	79	B	OK1FC	25,056	239	36	80
OK2BIU	37,620	172	76	B	OL7M (OK1DF, op)				
OK1ABF	29,607	140	71	B		62,496	375	56	160
OK1KZ	29,106	148	66	B	OL0A (OK1CZ, op)				
OK1BLU	26,019	153	59	B		31,650	214	50	160
OK2VX	18,315	112	55	B	OK2SAR	702	18	13	160
OK1MZO	13,392	94	48	B	OK2BWM	216	11	8	160
OK2BNC	9,717	79	41	B	OK1MCW	75	6	5	160
OK1TD	116,964	366	108	C					
OK1TFH	90,270	300	102	C					
OK1AYY	71,526	263	91	C					

Slovakia

OM8DD	196,560	475	140	B
OM7RC	131,100	380	115	B
OM7RU	130,854	392	113	B
OM3R (OM3CFR, op)				
	114,075	327	117	B
OM7AG	63,546	240	89	B
OM3BA	15,696	110	48	B
OM1II	13,932	87	54	B
OM7PY	50,544	219	78	C
OM5CM	152,019	891	57	15
OM3AG	68,244	489	47	15
OM3TB	16,872	155	37	20
OM1VA	14,742	128	39	20
OM2AW	3,657	55	23	20
OM2VL	275,412	1,563	59	40
OM5ZW	249,660	1,392	60	40
OM0WR	89,517	567	53	40
OM5NA	10,509	114	31	40
OM6AL	4,968	74	23	40
OM3RM	119,886	762	53	80
OM3CDN	1,170	30	15	80
OM3BH	67,872	405	56	160
OM3ZWA	0	0	0	160

Belgium

ON7CC	13,500	106	45	A
OT7X	163,125	443	125	B
ON3ND	107,217	369	99	B
ON6FC	70,866	263	93	B
ON5WL	46,431	203	77	B
ON6MG	26,880	132	70	B
OP4K (ON4JZ, op)				
	1,825,416	2,865	216	C
ON4ON	349,698	717	167	C
OP1A	55,722	262	74	C
ON7IDX	31,620	172	62	C
OQ5A	39,555	299	45	15
ON4ALY	12,996	116	38	15
OR2A (ON7YX, op)				
	103,008	595	58	20

OS0S	75,525	494	53	20
OR6C	29,547	201	49	20
OP4A	29,223	192	51	20
ON4AXU	14,586	145	34	80
ON4UN	79,530	489	55	160

Faroe Islands

OY4M	4,725	45	35	B
OY3AA (OZ1AA, op)				
	1,097,736	1,736	212	C

Denmark

OZ8A	2,208	33	23	A
OV3X (OZ8AE, op)				
	185,565	449	139	B
OZ5UR	22,644	111	68	B
OZ1AAR	18,600	105	62	B
OZ5RM	11,745	89	45	B
OZ1DGQ	7,029	72	33	B
OZ7TTT	3,108	37	28	B
OZ8SW	250,047	578	147	C
OZ7EA	131,196	378	116	C
OZ2TF	25,092	129	68	C
OZ7YL	21,195	159	45	20
OZ1JFK	6,264	72	29	20
OZ7AEI	192	8	8	40

Netherlands

PA1B	20,562	152	46	A
PD5CW	19,140	150	44	A
PA0RBO	14,469	94	53	A
PE2KP (PE2KP@PE2KP.NL, op)				
	11,844	97	42	A
PG7V	251,160	601	140	B
PA3ARM	221,502	556	134	B
PA0GRU	75,951	267	97	B
PA2PCH	70,176	273	86	B
PA3DBS	66,123	286	79	B
PA3HGF	58,566	228	86	B
PA3EVY	51,903	242	73	B
PD7BZ	39,618	220	62	B
PA5GU	35,154	189	63	B

PB7XYL	31,086	163	66	B
PA2CHM	28,296	142	72	B
PE2JMR	28,224	150	64	B
PA0QRB	26,235	162	55	B
PA2W	19,470	110	59	B
PA3CLQ	15,756	108	52	B
PA3AQL	15,606	102	51	B
PA0RBA	13,671	98	49	B
PA0B	13,110	98	46	B
PA3ANN	12,987	121	39	B
PA9HR	12,960	92	48	B
PA3EBP	11,970	98	42	B
PA7PYR	7,752	72	38	B
PD5LO	5,724	57	36	B
PA0WYS	4,374	56	27	B
PA3EEG	3,306	40	29	B
PA3GEO	2,925	39	25	B
PA5PR	2,625	36	25	B
PA5P	1,800	30	20	B
PA1BBO	420	16	10	B
PA9CW	3	1	1	B
PA5WT	363,528	900	136	C
PA0LOU	358,872	795	152	C
PA3AAV	309,744	721	144	C
PA0JNH	199,809	449	149	C
PA5TT	103,020	345	101	C
PA0CYW	41,790	201	70	C
PA2ALF	18,954	119	54	C
PA1TX	12,600	100	42	C
PA3EZC	2,886	37	26	C
PA0MIR	25,521	181	47	15
PA3BWD	1,566	29	18	15
PA7F	158,400	882	60	20
PI4WLD (PA0MIR, op)				
	10,098	101	34	20
PA0BWL	35,547	295	41	40
PA5A	9,702	98	33	80
PA3EMN	4,941	61	27	80
PA2REH	4,500	65	25	80
PA3FQA	49,131	317	53	160

Slovenia

S59N	424,008	932	156	B
S51MF	75,141	259	99	B
S53AU	64,419	197	109	B
S57WJ	39,744	185	72	B
S57S	26,550	150	59	B
S51NM	15,222	119	43	B
S58Q	286,014	666	146	C
S56A	282,744	621	153	C
S52AW	108,735	681	55	C
S52OP	143,547	822	59	15
S50K	273,528	1,588	58	20
S58J	195,750	1,131	58	20
S50R	146,202	840	59	20
S53MM	135,546	788	58	20
S57U	61,152	394	52	20
S59ZZ	216	9	9	20
S56X	235,410	1,354	59	40
S57Q	212,106	1,243	58	40
S53F	207,756	1,210	58	40
S54O	153,642	892	58	40
S59T	312	13	8	40
S59EIJ	270	10	9	40
S56DX	270	10	10	40
S53DIJ	240	10	8	40
S57C	324	12	9	160

Sweden

SM5DXT	25,212	198	44	A
SM7DBN	20,502	137	51	A
SE6C (SM6CDN, op)				
	5,952	63	32	A
SM5D (SM5DJZ, op)				
	168,021	443	127	B
SE6Y (SM6DED, op)				
	155,136	409	128	B
SM5CSS	106,602	331	109	B
SM3EAE	89,670	314	98	B
SF3A (SM3CER, op)				
	73,437	273	91	B
SM3RL	66,960	252	90	B

SM6BSK	63,840	225	95	B
SM7CQY	55,188	259	73	B
SM7EH	38,640	186	70	B
SM6C (SM6CTQ, op)				
	29,601	145	69	B
SM5DQE	21,204	130	57	B
SJ7M	17,649	113	53	B
SE6W (SM6XKB, op)				
	16,677	114	51	B
SM0A (SM0AIG, op)				
	13,800	108	46	B
SM0BSB	12,282	92	46	B
SM6AHU	11,664	90	48	B
SM7ATL	10,998	80	47	B
SM0BDS	10,578	83	43	B
SM5ACQ	3,450	47	25	B
SM6WZH	1,725	27	23	B
SF5X (SM5EFX, op)				
	990	23	15	B
SM5CEU	650,844	1,080	202	C
SL0W (SM0AJU, op)				
	416,835	893	157	C
SM5CIL (SM7CIL, op)				
	306,306	717	143	C
SM3PZG	208,854	569	123	C
SA4A (SM4PBT, op)				
	195,408	716	92	C
SM6VVT	127,008	385	112	C
SM5AOG	124,584	359	116	C
SM6BGG	121,125	337	125	C
SM0GYX	70,131	259	97	C
SM3CCM	23,328	110	72	C
SM5C	16,182	96	58	C
SM4TU	1,848	29	22	C
SA1A (SM1TDE, op)				
	9,207	99	31	15
SI0M (SM0MXO, op)				
	42,723	307	47	20
SM2CVH	15,120	130	40	20
SM6V (SM6VAO, op)				
	1,710	34	19	20

SM5J (SM5PHU, op)				
	4,347	63	23	40
SM7TZK	510	18	10	40
SM7SJR	507	16	13	40
SM6IQD	1,887	38	17	80
SM6CPY	8,448	89	32	160

Poland

SQ3WW	2,664	38	24	A
SP6BXM	408	17	8	A
SP8NR	332,010	716	155	B
SP1AEN	224,406	551	137	B
SN5J (SP5JXK, op)				
	168,144	459	124	B
SP5CNA	167,433	475	119	B
SP6IHE	84,564	267	108	B
SP3DIK	80,262	275	98	B
SP6BEN	67,077	257	87	B
SP1RKR	62,001	251	83	B
SN5Q (SQ5RDX, op)				
	53,352	236	78	B
SQ3RX	49,842	220	78	B
SP3HC	47,952	220	74	B
SP9DUX	47,040	198	80	B
SQ9DXN	46,812	190	83	B
SN9N (SQ9ZM, op)				
	45,045	200	77	B
SP9IHP	40,896	194	71	B
SP9MZH	34,020	164	70	B
SQ8LSC	33,525	170	75	B
SP9KRT (SP9ADU, op)				
	30,015	159	69	B
SP3CGK	27,633	151	61	B
SO9G (SP9DTE, op)				
	27,456	155	64	B
SP3JIA	24,156	185	44	B
SP2DNI	19,293	112	59	B
SP3DOF	18,762	108	59	B
SP6LV	17,976	116	56	B
SN3B (SQ3JPV, op)				
	15,912	105	51	B

SP2MHC	13,803	110	43	B	SP8GQU	5,022	64	27	15
SP9BGS	12,690	94	47	B	SN7Q	262,314	1,494	59	20
SO2D	10,824	86	44	B	SO4M (SP4DEU, op)				
SP5AZN	7,344	75	36	B		215,280	1,204	60	20
SP5BMU	5,487	62	31	B	SN3C (SP3ASN, op)				
SP2FOV	5,220	59	30	B		117,705	675	59	20
SP4DNX	5,208	58	31	B	SP3FYX	72,600	449	55	20
SP7FBQ	5,049	51	33	B	SP8BAB	17,388	139	42	20
SQ6LJV	3,600	48	25	B	SP2AVE	10,710	103	35	20
SP7CCB	2,457	39	21	B	SN3X (SP3SLA, op)				
SP5CQI	1,860	35	20	B		214,920	1,229	60	40
SP9TTT	1,071	22	17	B	SP4Z	192,546	1,129	57	40
SN51FBQ	1,008	23	16	B	SP5WA	88,140	579	52	40
SQ3AUA	297	12	9	B	SP3BHG	23,562	193	42	40
SO8A (SP8BRQ, op)					SP5AUY	21,240	179	40	40
	2,149,650	2,834	255	C	SQ7FPD	7,254	94	26	40
SN3R (SP3LPG, op)					SO8T (SP8TJU, op)				
	1,779,750	2,439	250	C		4,224	68	22	40
SO6I (SP6JIU, op)					SP9FWQ	324	12	9	40
	500,760	875	195	C	SN3A (UU4JMG, op)				
SP2LNW	457,524	858	179	C		142,680	824	58	80
SP6NIC	293,664	650	152	C	SO8R (SQ8JLA, op)				
SP4BEU	205,998	499	139	C		82,620	544	51	80
SP3VT	152,604	482	108	C	SQ1DWR	23,088	210	37	80
SP1NY	136,080	364	126	C	SP3GTS	8,112	107	26	80
SP2GWH	129,954	364	121	C	SP5GDY	5,400	79	24	80
SP6BAA	56,871	224	89	C	SP9JZT	5,208	66	28	80
SP2FAP	23,184	141	56	C	SN9I (SP9EMI, op)				
SP9FOW	6,426	68	34	C		627	20	11	80
SP1KCJ (SP1MVV, op)					SQ9E	378	14	9	80
	2,100	39	25	C	SP5CJY	1,056	22	16	160
SQ5M	54,831	378	49	15	SP2EWQ	390	14	10	160
SQ6MS	50,796	334	51	15	SP5GH	360	12	10	C 160
SN7C (SP7CHS, op)									
	44,928	295	52	15	Greece				
SP2QG	31,602	231	46	15	SV1JG	147,660	440	115	B
SP1RKT	28,623	219	47	15	SV2HWR	7,437	71	37	B
SO9D (SP9DLY, op)					SV1JGX	119,970	492	86	C
	24,684	190	44	15	SV1BJW	78,456	471	56	20
SP2HPD	20,124	172	39	15	SV1JFT	3,762	57	22	40
SQ9BDN	17,958	147	41	15	SV3RF	1,980	33	20	160

Dodecanese					RA4ACX	24,960	128	65	B
SV5DKL	6,972	84	28	15	UA6YH	24,111	141	57	B
					RX4AW	21,771	127	59	B
Crete					RU4SO	21,450	130	65	B
SV9COL	198,414	463	146	C	RA6LOO	21,312	113	64	B
					RV3ZN	20,874	145	49	B
Iceland					UA3DCW	18,864	134	48	B
TF8GX	71,604	471	52	15	RU3SE	18,819	127	51	B
TF3CW	306,210	1,739	59	20	UA3RN	17,250	119	50	B
TF3G	6,660	80	30	20	UA6ARR	15,984	114	48	B
TF3Y	94,248	567	56	40	RA3OW	13,932	115	43	B
TF4M	59,730	369	55	160	UA6LPY	11,907	83	49	B
					RX6HT	11,466	84	49	B
Kaliningrad					UA3DUJ	11,466	99	39	B
RA2FAC	39,600	169	80	B	RK6AQM	11,454	85	46	B
RN2FQ	20,898	132	54	B	RK3TD	11,454	83	46	B
UA2CZ	97,308	313	106	C	RA3IS	10,437	75	49	B
RV2FZ	6,726	61	38	C	RW3ZA	9,555	71	49	B
RA2FX	7,470	86	30	20	RK3AQW	8,532	82	36	B
RW2F (UA2FB, op)					UA3SAQ	8,322	73	38	B
	232,755	1,325	59	40	RN4HAB	7,668	78	36	B
UA2FL	27,864	265	36	80	RV6LCI	7,560	75	36	B
					RN4SM	7,380	65	41	B
European Russia					UA4SN	6,840	57	40	B
UA1AFT	86,541	318	91	A	UA1OEX	6,384	56	38	B
UA3TW	27,531	163	57	A	UA4UBW	6,240	66	32	B
UA6LCJ	18,864	131	48	A	RV3QO	6,231	70	31	B
RA3EG	243,000	600	135	B	R3/SM6LRR (SM6LRR, op)				
RK3IM	195,636	489	137	B		5,568	60	32	B
RW1CX	108,702	370	99	B	RA6FUZ	5,088	54	32	B
UA4ALI	89,568	322	96	B	RX3MX	4,692	51	34	B
RN1NW	87,009	300	97	B	RN3AAB	4,590	55	30	B
UA3EAA	86,856	311	94	B	RU3LA	3,645	48	27	B
RV3LO	81,627	304	91	B	UA4CNJ	3,627	41	31	B
RD1AW	64,524	287	76	B	UA3DW	3,588	46	26	B
UA3QG	56,475	253	75	B	RZ3AUL	2,304	32	24	B
RA3BQ	51,120	244	71	B	UA4AMM	2,304	34	24	B
RK1AO	48,000	200	80	B	RV6AAA	2,142	38	21	B
UA6HFI	45,771	210	73	B	UA4ANZ	2,142	37	21	B
RL3FO	42,000	175	80	B	RU3ZV	1,932	30	23	B
RA4WC	39,096	186	72	B	UA3DSS	1,701	28	21	B
UA3QAM	25,020	140	60	B					

RV6ALI	1,305	29	15	B	UA3ICK	17,442	117	51	C
RW6CW	1,056	22	16	B	RA3ANI	15,300	104	51	C
RK1AR	792	23	12	B	RV3YR	14,490	109	46	C
RV4LC	48	4	4	B	RN1ON	12,558	91	46	C
UA3AGW	432,459	853	171	C	UA3AQB	12,420	91	46	C
RV2FW/1	280,350	542	175	C	RZ6AK	11,760	99	40	C
RA3UT	195,822	515	129	C	RA3NC	9,900	77	44	C
UA3KA	175,500	508	117	C	RN3REY	1,425	26	19	C
RU3UR	168,576	444	128	C	UA3LID	1,050	25	14	C
RK3DH	163,488	426	131	C	RV3FU	108	6	6	C
RK3ZZ	127,890	409	105	C	RK6CM	14,355	145	33	15
RA1QD	124,236	360	116	C	UA1ANA	12,060	135	30	15
RD3DT	120,663	338	123	C	RN3LA	8,484	102	28	15
RN6FA	83,628	318	92	C	RX1CQ	6,192	87	24	15
UA4HEJ	82,056	265	104	C	RW3TA	5,313	79	23	15
RW4FE	74,670	266	95	C	RA1TV	4,002	59	23	15
RM3F (UA3DPX, op)					UA3AKI	3,111	62	17	15
	72,192	257	94	C	UA4LS	3,060	60	17	15
RA6MQ	67,962	248	94	C	RN3TT	2,808	52	18	15
UA4PN	64,578	241	94	C	UA6AK	510	20	10	15
RZ6AW	61,776	247	88	C	RN3DKE	168	9	7	15
RA3YC	58,566	236	86	C	RX6AM	85,008	509	56	20
UA3TCJ	52,074	265	66	C	RZ6HF	54,378	347	53	20
RX3DBH	51,912	218	84	C	RW1AM	42,000	282	50	20
RK6HG	50,820	247	70	C	RW3XM	39,102	272	49	20
RJ3AA	50,640	212	80	C	RV3FI	20,790	156	45	20
UA3QFU	42,120	186	78	C	UA3VVB	18,774	152	42	20
RA3DNC	31,785	172	65	C	RD3PO	17,589	144	41	20
UA6GF	30,003	139	73	C	RW6AH	16,218	164	34	20
RA3TT	29,205	177	55	C	RK4YJ	11,466	102	39	20
UA6GR	27,972	151	63	C	RA3BT	6,510	70	31	20
RX3MM	25,482	139	62	C	RA6MS	6,237	77	27	20
RG6G (RW6HX, op)					RW6BN	2,952	43	24	20
	24,393	177	47	C	RW3AI	2,940	50	20	20
RK1NA	23,424	123	64	C	UA3DCE	2,916	40	27	20
RW4NN	22,770	145	55	C	RN4HA	1,800	30	20	20
UA6JCC	21,168	133	56	C	UA3QLQ	300	12	10	20
RW4PY	19,404	132	49	C	UA4WAG	243	9	9	20
RA6EE	19,092	177	37	C	RK4PB	12	2	2	20
UA4PAQ	17,985	111	55	C	RX4HZ	177,132	1,030	58	40
RU4CO	17,901	120	51	C	RL4R	75,504	493	52	40

RW6AN	37,224	266	47	40	UR8QR	19,116	119	54	B
RW6CF	35,055	285	41	40	UR3IDD	18,408	119	52	B
UA4LY	25,080	218	40	40	UT0L	18,225	141	45	B
UA4WI	16,650	156	37	40	UT7MR	14,841	99	51	B
RW6MBC	14,148	134	36	40	UW1WU	14,700	101	49	B
RX3ZX	13,050	150	29	40	UT7HM	12,789	93	49	B
RN6BM	5,250	73	25	40	US5LAE	9,555	95	35	B
RA3DH	1,914	31	22	40	UR0EG	8,316	83	36	B
RA4UAT	588	15	14	40	UR5TGK	7,776	73	36	B
RV3IC	540	18	12	40	UT7QB	7,344	72	34	B
UA6LCN	48,117	384	43	80	UX7FC	6,570	75	30	B
UA3MIF	32,526	282	39	80	UR5KED	6,039	62	33	B
UA3AB	12,177	124	33	80	UT4NY	5,220	59	30	B
RA3AV	4,692	70	23	80	US7IAU	4,428	51	36	B
RU3PU	1,470	37	14	80	UU7JD	3,612	43	28	B
RA6GW	1,170	31	13	80	US1IV	3,444	42	28	B
RA3ZC	0	1	1	160	UT4UB	2,325	34	25	B

Ukraine

UX8ZA	23,760	137	60	A	UV5U (UX1UA, op)	521,676	1,019	172	C
US5VX	20,511	130	53	A	UY0ZG	435,105	885	165	C
UT5UUUV	9,102	76	41	A	UR7QC	177,480	503	120	C
UR5FCM	240	10	8	A	UY1HY	138,432	414	112	C
US5XD	243,648	569	144	B	UU2CW	119,547	366	111	C
US7IVW	141,240	443	107	B	UR7EQ	106,029	359	99	C
UT4UO	114,162	378	106	B	UR7VA	93,390	287	110	C
UY1U (UT5UN, op)	100,425	329	103	B	UW7CN	65,790	261	85	C
UT3UZ	91,200	305	100	B	UT5EO	47,520	206	80	C
UT5UIA	84,672	297	96	B	UT0NT	35,964	172	74	C
UX1UX	84,360	308	95	B	UY7QN	28,251	137	73	C
UU5JZ (K6WG, op)	67,032	230	98	B	UR4IOR	20,178	122	57	C
UT2UU	53,766	215	87	B	UT3N (UT3NK, op)	13,992	95	53	C
UT2IO	49,203	214	77	B	UR5EPG	11,739	91	43	C
UW2Q (UR6QS, op)	48,804	198	83	B	US4IXT (US0ITU, op)	5,796	73	28	C
UX2KA	26,928	139	66	B	UR3QM	2,916	37	27	C
US2IW	26,112	137	64	B	UY2RZ	2,592	38	24	C
UR5XMM	21,000	128	56	B	UR3QCW	2,178	33	22	C
UR5EFL	19,656	129	52	B	UT1AB	1,620	27	20	C

USÄ~QG	1,296	24	18	C	UT8QQ	4,824	71	24	40
US0ITU	54	6	3	C	UU7JR	1,536	35	16	40
UW5W	50,478	367	47	15	UX2X (UT2XQ, op)				
UX0UW	19,494	174	38	15		91,500	612	50	80
UU4JC	13,464	138	33	15	UT2II	58,590	447	45	80
UT7QF	9,999	102	33	15	UZ7U	33,600	286	40	80
UW4SU	9,600	101	32	15	US0ZZ	17,430	167	35	80
UT2IV	9,570	115	29	15	UW8SM	16,512	180	32	80
UU1JE	4,284	69	21	15	UT7LA	3,990	70	19	C 80
UT1XX	3,843	66	21	15	UT2UB	3,300	56	20	80
UT3EK	2,280	42	20	15	UR5UBR	1,080	33	12	80
US0ZK	1,428	36	14	15	UX5NQ	0	1	1	160
UW0K (US0KW, op)									
	160,893	915	59	20	Latvia				
UZ0U (UY5ZZ, op)					YL2CV	180,213	475	127	B
	144,837	856	57	20	YL2TB	78,030	307	85	B
UU7J (UU1AZ, op)					YL2HK	18,522	105	63	B
	136,290	779	59	20	YL3FT	1,139,595	1,882	205	C
UT2IY	133,551	789	57	20	YL7X (YL2LY, op)				
UY4WWA (UR5WMM, op)						708,084	1,174	204	C
	111,534	644	58	20	YL9T (YL2TW, op)				
UT7DK	82,170	500	55	20		218,178	531	138	C
UR5VR	35,673	261	47	20	YL2TD	32,085	159	69	C
US1PM	22,575	176	43	20	YL5T	19,404	133	49	C
UT3RN	16,080	138	40	20	YL2PP	17,640	99	60	C
UT5UGR	15,129	123	41	20	YL2SM	115,284	746	52	15
US0HZ	3,078	54	19	20	YL5M (YL2UZ, op)				
UT7CL	1,710	30	19	20		47,892	309	52	20
UR6AJ	1,566	30	18	20	YL2PJ	18,696	152	41	20
US3QW	1,071	22	17	20	YL2II	11,232	107	36	20
UY5YA	663	23	13	20	YL3DX	10,752	115	32	20
UU0JM	229,392	1,329	59	40	YL2IP	8,277	89	31	20
UR5IFB	153,048	928	56	40	YL2BJ	21,645	190	39	40
UX4U	116,154	728	54	40	YL7A	17,850	173	35	40
UY7C	40,377	316	43	40	YL3FX	66,654	486	46	80
UR2VA	23,688	190	42	40					
UT5SA	13,056	142	32	40	Romania				
UR0IQ	11,988	112	36	40	YO8WW	151,404	414	124	A
UX7U	9,450	105	30	40	YO4AAC	20,748	134	52	A
UT2VU	8,370	97	31	40	YO2IS	141,276	394	122	B
UR7MZ	6,318	83	26	40	YO2GL	112,671	364	107	B
					YO9AGI	93,555	311	105	B

YO2KDT (YO2MAX, op)					YT2AAA	59,598	260	77	B
	69,687	266	89	B	YU1CC	57,918	204	98	B
YO8BPK	43,788	181	82	B	YU1PJ	55,458	237	79	B
YO9CB	41,961	198	71	B	YU1AAV (YT1CC, op)				
YO2LAN	29,748	156	74	B		45,264	193	82	B
YO8RAA	24,750	128	66	B	YT3H	8,856	73	41	B
YO5QBP	16,848	111	52	B	YT7DQ	396	12	11	C
YO6HSU	13,524	93	49	B	YU5A	158,592	903	59	15
YO7AHR	13,248	100	48	B	YT2B	105,840	640	56	15
YO9BPX	4,116	49	28	B	YU40MM (YU1MM, op)				
YO9HG	2,046	35	22	B		10,500	102	35	15
YO7LCB	377,676	817	156	C	YT0A (YU1XX, op)				
YO5PBG	270,246	629	146	C		217,533	1,241	59	20
YO5OEF	115,692	318	124	C	YU2A	187,620	1,068	59	20
YO7ARY	28,908	135	73	C	YT4W (YU1DW, op)				
YO7BGA	18,252	121	52	C		166,140	933	60	20
YO7DAA	14,796	146	36	C	YT1T	111,534	662	58	20
YQ5Q (YO5OHO, op)					YU1UN	69,300	423	55	20
	32,844	245	46	15	YU7KM	48,438	311	54	20
YO2RR	20,826	178	39	15	YT1Q	28,566	213	46	20
YO8DDP	17,082	153	39	15	YU7FN	10,815	104	35	20
YO5NY	2,484	50	18	15	YT3R (YU1SB, op)				
YR5T (YO5CBX, op)						5,250	52	35	20
	84,000	503	56	20	YU8NU	3,000	52	20	20
YO8DOH	63,759	403	53	20	YU1LA	271,080	1,515	60	40
YO4ATW	28,623	204	47	20	YU/NF5A (YT2T-NF5A, op)				
YO3ZA	27,738	208	46	20		159,384	931	58	40
YO4DW	25,080	201	44	20	YT5C (YU7WW, op)				
YO4MM	9,801	99	33	B 20		125,712	779	54	40
YO9CWY	2,760	48	20	20	YT1VP	72,030	495	49	40
YO5AJR	27,060	225	41	40	YU5T (YU1JU, op)				
YO5OHO	16,524	155	36	40		17,340	171	34	40
YO5BXI	5,994	83	27	40	YU7D	8,280	93	30	40
YO2CJX	1,782	34	18	40	YT1ZA	69,231	522	47	80
YO3FVR	1,554	40	14	40	YT4A	4,899	71	23	80
YP2W	108	8	6	40					

Serbia

YT2RX	354,294	743	162	B
YU1ED	116,739	361	109	B
YU1FG	115,830	333	117	B

Macedonia

Z35F	124,848	420	102	B
Z35G	123,774	436	98	B
Z35X	113,274	437	87	B
Z33A	11,520	100	40	C

Z31MM 16,029 141 39 20
 Z35T 234,171 1,332 59 40

North America

Barbados

8P3A (VE3DZ, op)
 4,601,490 4,725 326 C

Bahamas

C6ASB (AK0M, op)
 8,883 70 47 A

C6APG (K4PG, op)
 317,361 1,816 59 40

C6AKQ (N4BP, op)
 254,880 1,447 59 80

C6AUM 123,291 736 57 160

Cuba

CO2WF 1,191,096 1,896 213 B
 T48K (CO8ZZ, op)

1,670,880 2,381 236 C

CO2JD 152,424 893 58 40

Guadeloupe

TO4D (F6AUS, op)
 696,420 1,107 212 B

Dominican Republic

HI3K 41,313 306 47 40

Panama

HP3TA 21,825 106 75 B
 HP3FTD 18,786 101 62 B

Honduras

K7TR/HR8 (K7TR, op)
 30,369 195 53 B

HQ9R (WQ7R, op)
 300,420 1,687 60 40

Grenada

J37T (VE3EBN, op)
 209,385 515 141 C

J39BS 84,036 596 47 10

St. Vincent

J88DR (G3TBK, op)
 2,599,842 3,380 259 B

Alaska

KL2R (N1TX, op)
 759,024 1,512 168 B
 AL1G 508,806 1,235 138 C
 AL7L 34,563 285 41 15
 KL8DX 137,982 795 58 20

Virgin Islands

KP2B (WP3A, op)
 161,505 579 97 B
 KP2DX 28,728 131 76 B
 KV4FZ 113,100 655 58 160

Puerto Rico

NP4BM 15,300 85 60 B
 NP3SI 18 3 2 10

Belize

V31RI (DL6RAI, op)
 230,631 1,319 59 20
 V31YN (DJ4KW, op)
 112,347 663 57 160

St. Kitts & Nevis

V48M (W2OX, op)
 2,572,596 2,933 299 C

Bermuda

VP9/W6PH 3,090,924 3,743 276 B
 VP9HW 12,012 93 52 B

Mexico

XE1GXG 720 18 16 A
 XE2S 1,469,952 1,928 256 B
 XE1MM 486,720 1,047 156 B
 XE2AI 27,120 136 80 B
 XE1GRR 18,018 99 66 B
 XE1CT 45,570 316 49 15
 XE3N 16,074 148 38 15
 XE2WWW 58,035 370 53 160

El Salvador

YS1/W3MKT 12,012 77 52 B

Cayman Islands

ZF2AM 5,932,161 5,856 339 C

Oceania**Philippines**

N7ET/DU7 55,332 212 87 B
 DV1/JO7KMB 12,840 114 40 B
 DV1JM 2,052 37 19 B
 DV1UBY 975 26 13 B

Guam

KG6DX 182,004 526 116 C

Hawaii

KH7B 4,827,501 4,945 327 C

KH6J (KH6ND, op)

4,437,180 4,584 324 C

AH7C 166,500 449 125 C

KH6ZM 72,432 512 48 10

KH6MB 266,040 1,487 60 15

KH6CW (K7GQ, op)

110,040 661 56 15

Australia

VK2AYD 140,790 365 130 B

VK4TT 58,308 229 86 B

VK3IO 56,544 255 76 B

VK2DAG 11,826 87 54 B

VK3VT 10,578 83 43 B

VK2IM 350,280 983 120 C

VK7GN 166,380 475 118 C

VK4BUI 27,432 128 72 C

VK2GR 25,185 118 73 C

VK4TJF 9,396 109 29 15

VK3TDX 42,312 331 43 20

VK3TZ 5,952 66 31 40

Indonesia

YC3TKH 2,553 37 23 B

YB4IR 39,273 254 53 C

YB3BOA 11,385 116 33 15

YD1BJX 8,400 141 20 15

YB3XM 7,938 101 27 15

YB3TD 1,440 32 15 40

YC2LEV 726 23 11 40

YD1FRC 144 8 6 40

New Zealand

ZL3IO 9,657 92 37 B

ZL3GA 5,184 51 36 B

ZL3AB 4,644 46 36 B

ZL4CR 720 16 15 B

ZL1ALZ 561,225 1,091 175 C

ZM4G (ZL2IFB, op)

519,582 984 178 C

ZL3TE (W3SE, op)

11,130 111 35 20

ZM2B (ZL2BR, op)

144,246 838 58 40

ZL1AZE 6,399 82 27 80

South America**Trinidad & Tobago**

9Y4/DF8AN (DF8AN, op)

116,298 437 91 B

Chile

XQ4CW 3,816 53 24 B

CE1/K7CA 411,120 2,286 60 15

CE3DNP 127,176 776 56 20

Uruguay

CW5W (CX6VM, op)

385,215 2,118 61 15

CX9AU 113,634 647 59 15

Ecuador

HC2A 34,638 263 46 10

HC2SL 172,608 1,015 58 15

Colombia

HK3Q 263,112 593 152 C

HK1X 154,062 972 54 10

HK1KYR 396,180 2,213 60 15

Argentina

LU5FF 1,407,663 2,081 229 B

LU1EWL 240,576 716 112 B

LW3DG 229,680 587 132 B

L33M (LU3MAM, op)					PY2SEX	108,414	638	57	10
	169,809	549	107	B	PY1ZV	41,760	309	48	10
LW1EUD	16,758	106	57	B	PY2XC	24,975	185	45	10
LU4VEW	300	61	2	B	PY2EYE	14,112	114	42	10
LU7YS	454,644	1,049	146	C	PY3YD	7,392	77	32	10
LU5OM	226,188	628	122	C	PY2IQ	7,227	76	33	10
LU1HF	261,606	1,495	59	10	PY3VK	309,420	1,750	60	15
LW8DQ	120,213	708	57	10	PY2ZXU	298,980	1,672	60	15
LW7DX	84,456	562	51	10	PY3KN	130,131	781	57	15
L73D (LW6DW, op)					PY2TIM	29,694	211	49	15
	74,889	479	53	10	PY4XX	16,359	139	41	15
LU8ADX	69,000	462	50	10	PY2YU	12,978	103	42	15
LU6DO	30,384	212	48	10	PS7DX	6,936	75	34	15
LW5HBR	26,055	199	45	10	PU8TEP	714	17	14	15
LW5EE	111,492	658	57	15	PU4GGS	60	5	5	15
LU3FID	70,056	421	56	15	PU4HUD	0	0	0	15
L25X (LU3XQ, op)					PY2LSM	174,876	1,012	59	20
	86,973	566	53	20	PY2KJ	40,434	297	46	20
LU1ICX	1,980	35	22	40	PY3AU	25,413	198	43	20
Aruba					PY8MGB	6,132	78	28	20
P43JB	781,488	1,322	201	C	PY1NB	205,320	1,188	58	40
					PY2NDX	192,033	1,135	57	40
					PU9OSB	8,352	89	32	40

Netherlands Antilles

PJ4LS 962,352 1,325 246 B

Brazil

PU5ATX 3,813 43 31 A
 PY4ZO 36 4 3 A
 PS2T (PY2NY, op)
 2,073,150 2,735 255 B
 PP5BZ 51,012 222 78 B
 PY7ZY 46,431 233 67 B
 PY5MJ 24,759 138 63 B
 PU5AAD 4,830 50 35 B
 PR7AF 147 7 7 B
 PP1CZ 598,950 1,241 165 C
 PY5AKW 134,397 424 109 C
 PP5JY 58,566 238 86 C
 PY2WAS 25,608 199 44 C
 PY2BK 166,911 963 59 10
 PU2MTS 125,832 757 56 10

Venezuela

YW2LV (YV5YMA, op)
 116,532 414 117 A
 YV6BXN 92,208 290 113 A
 YV5BM 4,599 79 21 10
 YW7A 672 20 14 20
 YV5JBI 10,752 116 32 40

Paraguay

ZP9EH 69,531 307 77 B

Single Operator Assisted**Africa**

EA8/EA4SV 93,330 314 102

Antarctica

DP1POL (DL5XL, op)
 179,676 646 93

Asia

JS3CTQ 887,400 1,491 200

JF2QNM	726,180	1,346	182	RA0AM	441	23	7
JA1HGY	416,328	844	166	UA9MC	345	120	1
UP0L	336,756	870	133	JH6WHN	3	1	1
RC9O (UA9PC, op)							
	298,890	828	123	Europe			
JO1WKO	255,780	621	140	DF7ZS (DK8ZB, op)			
XU7ACY (NO2R, op)					2,216,781	2,890	259
	141,414	494	98	OT2A (ON6CC, op)			
JF9JTS	130,848	472	94		1,998,684	2,874	236
JA1XRH	60,990	214	95	S57DX	1,893,630	2,712	235
JA3PYC	58,140	209	95	IK0YVV	1,567,104	2,356	224
RX9AM	54,549	212	87	S53M (S53ZO, op)			
7Z1SJ	49,692	205	82		1,548,774	2,544	207
UA9SP	48,375	215	75	PA5KT	1,312,245	1,832	241
RM9RZ	41,256	199	72	YL2KO	1,270,152	1,827	236
JN3SAC	35,700	172	70	S59ABC (S51DS, op)			
RX9TX	34,884	172	68		1,207,440	1,881	215
JF2OZH	34,293	161	71	UA6LV	1,129,779	1,666	227
JG3FEA	30,996	165	63	LY6A	1,105,155	1,814	205
UP4L (UN7LZ, op)				YO9HP	1,057,833	1,748	203
	27,240	229	40	OM4EX	1,044,576	1,632	216
JH4UTP	19,182	140	46	EA1WX	1,021,248	1,742	197
JK2VOC	18,450	123	50	UW1M (UR5MW, op)			
JH0MHR	17,160	104	55		830,088	1,558	183
HS0ZDJ (W2YR, op)				OK1DG	813,072	1,331	208
	16,698	127	46	DL8SCG	804,168	1,256	216
RZ9CJ	13,254	98	47	HB9TSW	765,072	1,301	198
BD1BYV	8,550	97	30	DL4CF	621,894	1,147	182
UA9CDC	8,208	73	38	OK7Y (OK1FDY, op)			
UN2E	7,857	99	27		611,520	1,055	196
JH2FXK	7,482	86	29	DL7ON	609,807	1,097	187
RA0BA	6,750	78	30	DK4A (DL3BPC, op)			
JA7ZP	5,880	52	40		579,501	1,154	169
JO4CFV	4,884	47	37	DL6KVA	578,760	1,072	182
RO9O (RZ9OO, op)				YQ6A (YO6BHN, op)			
	2,640	40	22		553,284	991	188
RA9MX	2,193	43	17	HB9TMW	543,213	1,026	177
UA0LMO	2,028	52	13	SE5E (SM5AJV, op)			
RK0UT	1,566	29	18		474,768	949	168
UA9MA	756	18	14	DL5WW	447,744	853	176
JR0KVU/1	462	22	7	RZ3EM	427,671	786	183

LA3ANA	405,162	742	183	DJ1AA	188,292	443	142
DJ9MH	380,538	740	174	G3XSV	187,056	439	144
ON4CAS	378,675	831	153	DK0AE (DJ1AA, op)			
G3WW	368,631	1,002	123		187,044	440	143
RT3T (UA3TU, op)				DL4CW	186,183	457	137
	349,812	726	164	IZ5EKV	181,500	514	121
SM2M (SM2LIY, op)				LY3W	181,080	505	120
	340,158	623	182	OH6OS	180,750	487	125
SV1DPI	328,536	711	156	IZ0GYP	172,800	455	128
YO3APJ	325,164	698	158	TF3DC	170,520	409	140
UW5M (UT7MA, op)				HA8IH	170,346	983	58
	322,989	720	151	PF5X	167,076	449	126
EA3ATM	318,324	665	164	F8AOF	164,832	412	136
EV1R	316,470	695	154	F5JU	157,056	417	128
F5CQ	309,756	625	166	YO3FRI	153,990	443	118
OK1DO	309,573	658	159	UA6AA	145,656	411	119
LX1NO	285,660	696	138	DF2CH	141,750	389	126
IR4E	285,180	688	140	RA1AR	140,694	360	131
DL2OBO	281,736	608	156	RV1CC	135,036	344	132
DJ9AO	270,510	640	142	PA1T	130,854	392	113
LY2F	265,095	651	137	G4WGE	128,865	359	121
DH0DX (DF3KV, op @ DF3KV)				LZ2PL	125,580	461	92
	258,300	1,449	60	LY3M	121,320	683	60
DL5MX	254,490	504	170	UT8EU	120,120	372	110
DK9TN	242,136	1,387	59	PA3GVI	119,808	392	104
S58P	233,934	618	127	HA8FM	119,712	697	58
9A4D (9A7DX, op)				S57UN	114,639	729	53
	229,569	1,315	59	UX3IW	114,345	371	105
OH6MW	222,222	520	143	IK1SOW	113,400	306	126
SM7N (SM7NDX, op)				UU2JQ	112,908	389	97
	220,593	534	139	SM2EKA	108,480	323	113
9A3XV	220,011	1,253	59	DK3DUA	107,085	296	121
OK2ZC	211,140	521	138	F1JKJ	105,600	324	110
EA4/YO8DHC	206,112	627	113	IZ3DVU	105,294	325	109
LZ5K (LZ3ZZ, op)				DL1EJA	104,784	302	118
	194,598	1,158	57	SF7WT	104,160	312	112
RU3UN	193,992	485	137	DK3GI	103,362	326	107
HG8C (HA8EK, op)				DL7JOM	103,230	313	111
	192,240	541	120	EA1CS	102,078	320	107
SN2M (SP2XF, op)				DK4YJ	96,672	611	53
	190,422	437	149	PA1CC	96,096	582	56

I7CSB	94,794	267	122	EB5CNK	55,200	236	80
YT0Z	94,023	347	93	OK1DTC	55,173	348	53
SE2T	93,732	296	107	LY2KZ	54,858	225	82
ON7RU	92,400	572	55	DL5ZB	54,720	199	95
EA4XT	92,400	290	112	DH9SB	53,037	217	83
OK1KT	89,775	532	57	SM6FUD	52,224	261	68
PA7RA	84,423	265	107	F4DNW	51,264	359	48
OO9O (ON7SS, op)				YO9DL	50,232	196	91
	81,885	269	103	RN4AT	48,375	218	75
DK2ZO	81,408	215	128	E71DX	48,180	224	73
YQ9W (YO9WF, op)				EB1TR	46,650	316	50
	80,442	329	82	OM8LA	45,360	193	80
PA3FKN	79,032	297	89	OZ4O	45,312	238	64
UA1NFA	78,228	322	82	UA3PPP	44,916	200	76
IK3SCB	77,292	342	76	F5OWL	44,370	173	87
OE2M (OE2WPO, op)				DL8WX	43,983	181	81
	77,121	455	57	DJ8OG	42,984	199	72
EI8GHB	76,890	242	110	F5IN	42,189	289	49
HA6NN	73,692	289	89	YO9IF	41,109	207	71
PA4AO	72,459	250	97	HA5PT	39,984	198	68
DL4FN	70,896	424	56	DL5ASK	38,763	178	73
DL6QW	70,713	294	81	RN3AC	38,760	196	68
HG1A (HA1ZN, op)				OH8KVA	38,340	186	71
	70,125	434	55	IC8FBU	38,016	305	44
EW7BR	69,120	263	90	HB9BLQ	37,950	287	46
UT8IM	69,090	237	98	DL6JZ	36,792	170	73
G4IY	68,832	481	48	DL1DBR	35,112	154	77
RA2FN	67,500	251	90	DH6DAO	35,112	157	77
HA3LI	66,672	467	48	IK2ANI	35,040	147	80
ES2BH	64,395	286	81	EA3CEC	34,875	158	75
EA5KA	62,496	252	84	S51DX	32,964	166	67
UT8LO	62,238	254	82	S53O	31,995	242	45
UA4FCO	60,507	252	83	MM0GPZ	31,464	115	92
SJ2W (SM2WMV, op)				UX1UF	31,218	245	43
	60,435	255	79	DL1OLI	30,636	147	74
ES4RX	60,135	224	95	PB2JJ	30,264	197	52
SP6FX	58,395	236	85	IR1K (IZ1DNJ, op)			
DF2LH	58,308	227	86		29,550	206	50
LY2FN	57,603	221	91	YU0W	28,602	239	42
RX3AT	56,448	227	84	UR5QA	28,365	156	61
SP1MHZ	55,590	219	85	DM2RN	28,356	142	68

UT5EL	25,440	218	40	EU1DX	6,912	73	32
F8DFP	24,795	146	57	UA3KM	6,480	95	24
G4FAL	24,696	149	56	RX3DBG	6,120	68	30
UTORM	24,531	226	37	PA0WKI	5,766	63	31
DL9SEV	24,156	134	61	LY2SA	5,688	79	24
DJ5QV	23,688	146	56	LY7M	5,625	78	25
IK2GZU	23,430	115	71	DJ8ES	5,280	45	40
YO5CUQ	23,364	136	59	SP4GHL	5,040	57	30
OH8FKU	22,509	123	61	RU4LM (RRU4LM, op)			
RW4WZ	21,948	129	59		4,899	73	23
UT1IA	21,855	155	47	SQ1EUG	4,557	50	31
DL8CA	21,717	127	57	DL3G (DC3RJ, op)			
RD3BV	20,124	160	43		4,536	60	28
DJ1YFK	20,001	113	59	DL3DRN	4,224	47	32
G4RQI	18,480	177	35	DO9ST	4,116	57	28
EC4CBZ	18,444	108	58	LY2BOS	3,510	45	26
DF2TT	18,228	103	62	DO4DXA	3,450	48	25
DK2GZ	17,784	105	57	EI9ES	3,360	40	28
DK5TX	17,673	139	43	DM5DX	2,808	38	26
DJ7A	17,649	117	53	SM6TOL	2,580	43	20
EA2AZ	17,544	139	43	LZ2ZG	2,574	41	22
IK3DVY	16,560	116	48	RW3DOX	2,508	45	19
ES5TF	15,960	101	56	DL9NDV	1,920	32	20
OQ4B (ON4BHQ, op)				DK4US	1,500	25	20
	15,867	131	41	OH2BO	990	22	15
DK7ZH	15,147	100	51	RU4WD	864	24	12
EW8EW	14,904	139	36	EB3CML	798	20	14
DL7AT	14,544	104	48	EA2KY	702	22	13
UT5IZ	14,112	102	49	RA3FD	528	17	11
RU3UM	13,959	104	47	UU9CW	468	14	12
DB7MA	13,416	104	43	UT5ID	360	13	10
DL2SWN	13,275	75	59	ON9CC	147	9	7
RN3BO	12,543	114	37	RX3AEX	75	5	5
UA4AN	11,988	108	37	YO5ODU	60	5	5
OH5YU	11,466	78	49	RU4SU	0	0	0
RL3KO	11,466	100	39				
DK3UA	10,530	79	45				
EA4ZK	9,300	100	31	North America			
EA2DK	9,021	99	31	V31RR (AA4NC, op)			
IK2WPO	8,208	57	48		4,830,750	4,779	339
RW6AHO	7,548	76	34	AL9A	342,342	749	154
				XE1EE	-72	7	6

Oceania

ZL1BYZ	717,240	1,401	172
KH6/AA4V	595,665	1,097	183
ZM4M	95,931	326	99
DU1BP	9,462	174	19
YB1ALL	7,878	110	26
AH6NF	144	8	6

South America

P40LE (K2LE, op)			
	842,688	1,260	224
PT2ZHA	615,090	1,037	203
PY2HL	380,538	802	162
CW7T	306,162	706	146
PY2XB	274,995	887	105
PY2MR	266,700	669	140
LU7YZ	127,836	422	106
PY2EL	76,302	476	54
LU3JVO	46,305	318	49
PY4FQ	39,903	286	47
PY2AC	15,576	93	59
PY4OG	12,180	118	35
LW1DTZ	1,575	25	21
PY2VZ	672	18	16

Multioperator Single Transmitter**Asia**

RT0C (RW0CF, RW0CN, RW0CR, RZ0CQ, UA0CA, UA0CC, UA0CDX, UA0CO, ops)			
	1,400,256	2,138	221
JA8RWU (+ JE8CLT, JE8KKX, JH8PNE/1)			
	1,186,680	1,820	220
RK0LWW (RA0LSO, RW0MM, UA0LSK, ops)			
	180,540	537	118
UA9UZZ (RZ9UN & RK9UE, ops)			
	49,446	248	67
E21YDP (+ E21EIC)			
	39,537	197	69
6M0HZ (AH2Y & WX8C, ops)			
	19,296	134	48
JA1YAI	663	18	13

Europe

TM6M (F1AKK, F5TTU, F8DBF, ops)			
	4,256,118	4,863	293

IR4X (IK2JUB, IK2NCJ, IK2PFL, IK4DCT, I4VEQ, ops)			
	3,393,144	4,121	276
IR4M (I4EWH, I4IFL, IK2QEI, IK3QAR, IK4DCW, IK4HVR, IK4MGP, IK4UNH, IK4WMH, ops)			
	3,329,328	4,022	278
EE5E (EA5BY, EA5FID, EA5GTQ, EA5RS, ops)			
	3,230,028	3,857	282
G5W (G3BJ & 5B4WN, ops)			
	3,218,952	3,953	274
HG6N (HA1AG, HA3NU, HA3OV, HA6ND, HA6NQ, HA6NY, ops)			
	2,251,368	3,001	252
PI4TUE (ON9CC, PA5MW, PC5A, PE2HD, ops)			
	2,234,385	3,099	243
SO9Q (SP9H, SP9GFI, SP9XCN, ops)			
	2,160,576	2,919	248
LZ5R (LZ1YQ, LZ1JZ, LZ1UK, ops)			
	1,495,368	2,444	207
OL1C (OK1IPS, OK1FPQ, OK1AN, OK1DUG, OK1DOY, ops)			
	1,449,216	2,210	222
YT6T (YU7CM, YT3DX, YT7DQ, YT7BB, YT5Z, ops)			
	1,401,930	2,140	222
IK2A00 (+ IZ2GMT & IK2AHB)			
	1,088,982	1,815	202
SK3GM (SM3PHM & SM3VAC, ops)			
	1,088,256	1,684	218
OZ7A (OZ1ETA, OZ1IKY, OZ7AM, ops)			
	835,329	1,535	187
OM3RRC (OM4AA & OM4TQ, ops)			
	695,802	1,314	178
EM7L (UW7LL, UR8LA, UR4LRQ, UY5LW, UR5LO, ops)			
	578,850	1,150	170
DF5ZV (+ DK7FP & DK7ZT)			
	576,000	983	200
HA5KKC (HA5LV & HA5MA, ops)			
	488,748	977	169
SM3D (SM3RAB, & SM3WMU, ops)			
	327,150	738	150
YO5KDW (YO5ALI, YO5BRE, YO5OAG, YO5OED, ops)			
	235,122	554	149
LY2XW (+ LY2MV)			
	231,192	513	152
RM3Q (RL3KQ & UA3QPA, ops)			
	194,322	503	139

OL2A (OK2HBY & OK2PDK, ops)	177,786	592	102
SP1KRF (SP1IVL & SP3FLR, ops)	173,160	448	130
4U1ITU (F6IFY & SV3SJ, ops)	169,983	571	101
UW0L (UR5LJC, UX0LC, UR4LEZ, US-L-1019, ops)	159,258	435	127
RO3T (RA3TU, RA3TP, RA3TLA, ops)	144,078	421	118
G4C (G0DVJ, G0IBN, G4ZUL, ops)	82,626	314	94
RK3QS (+)	77,592	493	53
HA6KZS (HA6ZS, HA6WTM, HA6WWW, HA6IGM, ops)	60,945	254	85
UR3QXX (UR6QS & UT0QR, ops)	30,222	148	69
OM3KWZ (OM7AA & OM7LM, ops)	4,425	59	25

North America

V31TP (WC0W, K5PI, K5NZ, ops)	5,661,000	5,595	340
YN2WWW (AC8W, K8DD, KB8TXZ, N8LJ, ops)	5,427,540	5,293	345
C6AWL (RA3CO & RL3FT, ops)	3,866,010	4,177	310
KL7RA (+ AL7IF)	3,151,662	3,462	307
KL7WV (+ NL7Z)	1,587,069	2,122	253
J38A (K4LTA & NK4N, ops)	1,319,472	1,918	238
XE2AUD (+ XE2AU)	192,717	499	133

Oceania

TX4T (F6BEE, FO8RZ, VE2TZT, ops)	4,228,035	4,293	335
5W0OU (N7OU & W7YAQ, ops)	1,718,100	2,319	249

YE1ZAL (YB1ABY & YD1GI, ops)	12	2	2
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South America

P40L (W6LD & W0YK, ops)	6,395,118	6,195	346
P49V (+ K6RC)	5,438,826	5,350	342
LO2F (LU1AEE, LU1FAM, LU1FKR, LU5DX, LW4EU, LU7ACW, ops)	2,737,755	3,710	249

Multioperator Two Transmitters

Africa

EF8M (EA8CAC, RD3AF, K4ZA, RZ3AZ, EA8ZS, W2GD, ops)	6,860,133	6,929	333
CR3L (DJ6QT, DK7YY, DK9VZ, DL2OBF, DL5LYM, DL6WT, DL8WAA, ops)	5,816,448	6,377	306
EF8N (EA8CN, EA8AY, SM6CNN, ops)	3,106,944	3,998	261

Asia

JA0JHA (JA0QNJ, JH0KHR, JH0USD, ops)	2,379,723	3,359	239
7J1YAJ (JR1CBC, JA1TRC, JG1KYF, JH0MRP, ops)	1,579,410	2,553	210
JA1ZGP (7L4MDM, TAKAHASHI, KITTA, ADACHI, JG1JUX, ops)	517,032	1,026	172

Europe

CR2X (OH2BH, OH2MM, OH2PM, ops)	6,960,195	7,110	327
LX7I (HB9CVQ, DF3VM, DL7CS, LX2A, ops)	4,247,040	5,085	280
OM7M (OK2BFN, OM2IB, OM3PA, OM3PC, OM4AQW, OM5MF, OM5RM, OM5RW, ops)	4,074,000	4,893	280
YT3M (+ YU1YV & YU2FG)	2,874,327	3,690	263
OH8X (LB3HC, OH7EA, LA6FJA, LA8AJA, ops)	2,688,876	3,516	258
GM7V (GM3WOJ & GM4YXI, ops)	2,520,066	3,221	263
RL3A (RA9USU, RX3DCX, RV3BA, RU3RQ, UA3ASZ, ops)	2,105,250	2,847	250
RK4FWX (UA4FER & UA4FMV, ops)	954,108	1,575	204

RK3GYM (RA3GJ, RA3GN, RN3GA, RN3GM,
RV3GG, RW3GU, ops)
942,663 1,603 199

F6KCP (+ F5VHN)
26,901 191 49

North America

6Y1LZ (K1LZ, K3JO, NU5Y, N8BO,
K9MMS, K0DXC, ops)
9,295,686 8,797 354

J38XX (DL2JRM & DL5AXX, ops)
6,903,621 6,535 353

Oceania

ZM1A (ZL1AIH, ZL3CW, ZL1GO, ZL1BHQ,
ops)
2,732,307 3,506 263

South America

PJ4X (K1XX, K5KG, K1QX, W1MD, ops)
8,061,108 7,837 346

LU3DY (LU1DZ, LU3DAT, LU5FZ, LU6EF,
LU6UO, LW2DX, LU7DSU, ops)
933,504 1,688 187

Multioperator Unlimited Transmitters

Asia

JA3YBK (JG3KIV, JG3MRT, JG3WDN,
JH4NMT, JR4ISF, JF4FUF, JS1PWV, ops)
2,910,993 3,534 277

JA1YPA (JA1PEJ, JF6DEA, JI6BRB,
JG4KEZ, , ops)
1,460,625 2,408 205

Europe

9A1A (9A2DQ, 9A5W, 9A6A, 9A7R, 9A8W,
9A9A, ops)
4,867,023 5,625 293

HG1S (HA1TJ, HA1DAC, HA1DAI, HA1DAE,
ops)
3,535,560 4,359 276

LZ9W (LZ1ANA.LZ1FG.LZ1ZD.LZ2HM.LZ3FM
, ops)
2,948,166 3,871 258

RX3APM (+ RA4LW, RU4HP, UA4LU)
1,683,462 2,251 253

North America

KP2M (K3CT & K3TEJ, ops)
7,106,148 6,874 346

Oceania

KH6LC (+ AH6RE, K0AV, KH7Y, N6DA,
N6KB, NH6V, W6NV, W6SC)
6,682,245 6,675 335

South America

PJ2T (N0VD, N0YY, W0CG, N1ZZ, NP2L,
W8AV, W8TK, W9SN, WA9S, ops)
9,684,555 9,212 353

PY2TEL (PY2AXH, ops)
9,516 63 52