

# 2011 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), and band.

## W/VE

### Single Operator

#### United States

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#### Connecticut

N1TM	456,036	634	244	A
W1WQG	3,024	37	28	A
W1JQ	1,264,509	1,298	327	B
W3SM	354,993	501	241	B
W0MU	300,573	370	273	B
W2JU	143,424	289	166	B
K1DUQ	95,472	236	136	B
K1MVM	4,488	44	34	B
W1WEF	1,082,484	1,558	234	C
K1RM	1,023,360	1,322	260	C
KQ2M	725,448	1,359	181	C
W1EQ	638,544	852	251	C
K1BV	501,600	880	190	C
K1ZE	387,702	545	238	C
W1HBR	294,909	501	197	C
K1SEZ	58,710	209	95	C
W1TR	40,296	154	92	C
W3EP	14,994	100	51	10
W1HQ (W5MPC, op)	22,176	132	56	15
W1VT	21,840	131	56	20
W1NK	41,820	208	68	40

#### Eastern Massachusetts

N1DC	622,050	763	275	B
AJ1E	354,468	565	218	B
NB1N	347,952	670	176	B
W1VIV	344,850	630	190	B
K1HT	171,843	344	167	B
NA1R	137,124	297	156	B
N1NN	104,796	250	142	B
WA1AR	84,711	192	151	B
NC1C	81,780	248	116	B
W1MJ	71,595	215	111	B
AA1O	25,974	112	78	B
NM1J	15,219	92	57	B
AB1HL	5,016	46	38	B
K1LZ (NU5Y, op)	3,480,864	2,886	404	C
W1MK	1,427,184	1,842	264	C
K1KP	811,188	1,066	259	C
W1HIS	772,605	891	291	C
N3ER	532,836	731	246	C
W1FM	303,057	460	223	C
W1AAX	73,932	250	101	C
WA1ESO	30,504	131	82	C
K1MC	2,142	34	21	10
W1FQ	50,400	236	75	40

#### Maine

KQ1P	21,939	104	71	A
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K8PO	4,334,904	3,429	427	C
K1WHS	14,994	111	49	10
N1VVV	624	16	13	10
AC1O	8,976	88	34	40
KX1E	429	13	11	40
W8QZA	34,572	174	67	80

#### New Hampshire

K8CN	430,047	678	213	A
AA1CA	328,536	480	234	A
W1FMR	18,414	100	66	A
KA1API	436,521	645	227	B
KB1T	418,134	624	227	B
W1UR (N1AA, op)	236,430	430	185	B
NJ1H	143,664	332	146	B
W1PID	63,855	224	99	B
KB1THU	45,120	164	94	B
W1END	18,054	102	59	B
AC1J	1,848	28	22	B
KE1CY	867	17	17	B
AA1SB	816	17	16	B
K0DQ	5,723,388	4,306	447	C
K1RX	4,133,085	3,442	407	C
K1FWE	2,483,856	2,220	376	C
KN1H	7,440	66	40	15
KG1V	47,580	245	65	20
K1TR	22,950	172	45	40

#### Rhode Island

K1VSJ	879,138	1,020	289	B
W1AH	357,738	557	218	B
N2ULF	1,122	22	17	B
W1XX	355,872	683	176	C
KI1G	582,426	1,713	114	40

#### Vermont

N1UR	3,469,734	2,984	391	B
K1IB	607,776	994	208	B
W1ECH	37,350	154	83	B
K1LI	1,645,185	1,655	335	C
K0IP	155,946	344	158	C
KB1ODO	106,488	262	136	C
WA1ZAM	768	16	16	15

#### Western Massachusetts

N1PGA	84,672	291	98	B
K5MA	55,968	176	106	B
W1MJB	14,640	80	61	B
K5ZD (KM3T, op)	4,509,240	3,573	424	C
K6ND (N8BO, op)	261,318	903	97	80

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#### Eastern New York

NQ2W	58,410	179	110	A
K2UF	619,305	790	265	B
WA2JQK	392,466	466	298	B
K2CYE	278,499	486	193	B

WA2MCR	261,792	412	216	B
WY1H	31,365	124	85	B
AA2YK	9,300	64	50	B
W2XL	1,978,482	1,951	341	C
N2JJ	495,000	629	264	C
K2XF	262,788	366	244	C
W2GDJ	164,715	399	139	C
KC2TVJ	147	7	7	C
W2EG	264,195	931	95	40
K2XA	256,347	945	91	80

### New York City-Long Island

N2GA	774,504	1,059	248	B
N2RI	170,982	342	177	B
WB2ATZ	169,803	337	171	B
K2TV	63,732	199	113	B
WA2VZQ	28,560	140	68	B
N2MUN	13,104	84	52	B
K2IZ	8,850	60	50	B
AE2CS	18,144	98	63	C
WB2AMU	6,090	70	29	B 10
WO2N	4,536	55	28	10
W3EH	429	13	11	10
KD2HE	33,948	169	69	15
KR2AA	181,917	701	87	20
N2GC	22,134	121	62	160

### Northern New Jersey

K2JT	175,896	349	168	A
W2JEK	27,390	110	83	A
KU2M	1,409,967	1,536	309	B
W2CVW	279,279	429	217	B
N2ED	86,583	231	133	B
KD2MX	73,152	194	127	B
KR2D	363	11	11	B
N2LT	3,748,077	3,162	397	C
AE2JL	86,520	206	140	C
KC2KZJ	1,725	25	23	C
W2AW	326,016	1,136	96	20
WR2G	97,608	403	83	20
KX2S	70,917	314	77	20
W2AAB	68,400	302	76	20

### Northern New York

W3TUA	19,320	118	56	A
N2JNZ	17,940	119	52	40

### Southern New Jersey

K2RET	197,106	361	182	B
K2XE	134,397	337	137	B
W2ARP	5,400	46	40	B
W2MF	44,472	224	68	160

### Western New York

AI2T	41,538	161	86	A
WA2YSJ	345,216	496	232	B
N3LZG	83,025	229	123	B
W2TF	31,302	115	94	B
KA2FHN	7,452	55	46	B
K2NV	2,107,008	1,837	384	C
K2FU	638,550	778	275	C
KW2J	531,441	729	243	C
W2BC (W2RU, op)	315,264	824	128	C
W2FUI	78,318	229	114	C
K2CF	28,458	157	62	C
KB2KOL	3,360	35	32	C
KA2LIM	1,740	29	20	10
N2MF	333,072	1,048	108	15

NA2X	11,172	76	49	15
WS9M	54,000	244	75	20
W2VO	17,304	106	56	160

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#### Delaware

AE3J	29,028	121	82	A
N8NA	73,776	212	116	B
WA2VQV	62,916	214	98	B
NY3C	12,672	91	48	B
WA3V	3,264	36	32	B
KE3CR (@ K3CR)	960	20	16	B
AA1K	3,971,670	3,274	410	C
AI3G	5,610	56	34	40

#### Eastern Pennsylvania

K3PH	838,368	986	284	A
K3NK	1,314,864	1,199	368	B
WI2E	402,054	600	226	B
KN3A	395,481	554	241	B
N2US	270,456	482	191	B
K3WGR	252,540	367	230	B
KB3CTX	234,630	398	198	B
NY3B	218,313	398	191	B
WA3YUR	167,076	369	153	B
K3QF	159,192	271	198	B
N3AS	76,890	243	110	B
K3MRG	59,514	187	109	B
KD3HN	45,780	141	109	B
KT3A	22,365	107	71	B
N3ZP	20,700	100	69	B
WR3H	15,912	105	52	B
AB3AP	13,965	100	49	B
N3JNX	4,410	42	35	B
N3KR	2,625	36	25	B
W3BGN	3,062,304	2,628	392	C
WB3FIZ	728,406	738	329	C
N3QO	724,302	802	306	C
N3INJ	614,076	725	292	C
K3GMT	334,650	581	194	C
AA3K	195,288	324	206	C
W3FVT	122,310	287	151	C
N3ST	114,660	260	147	C
N3NZ	77,604	225	116	C
WE3E	17,388	145	42	C
W3TS	12,000	81	50	C
NW3H	969	19	17	C
K3ISH	882	21	14	15
K3SWZ	86,190	341	85	20
N3RW	10,506	105	34	40
W8IJ	12	2	2	40

#### Maryland-DC

N8HM	3,162	34	31	A
W3EF	2,470,752	2,263	368	B
K3AU (K2YWE, op)	1,246,761	1,318	317	B
K3AJ	471,240	702	231	B
K8GU	386,640	540	240	B
WA1LWS	380,964	603	212	B
N3QE	373,869	559	227	B
WB8YYY	311,175	480	225	B
KE3VV	146,205	287	171	B
K3NCO	113,400	285	135	B
KD3FG	28,560	122	80	B
W3DF	16,632	84	66	B
KB8NUF	768	16	16	B

K3ZO	3,418,800	2,825	407	C
N1WR	2,092,788	1,917	366	C
NN3W (@ N3HBX)				
	1,896,630	1,938	331	C
K3TC	1,299,456	1,161	376	C
W3IUU	818,772	970	284	C
W3DAD	148,257	329	153	C
NN3RP	92,736	235	138	C
W2GG	35,904	138	88	C
K1EFI	77,274	318	81	20
WB8BPU	33,768	170	67	40
N3UM	19,740	144	47	80
K3TM	19,470	113	59	80

#### Western Pennsylvania

K3WWP	51,051	143	119	A
AA3EE	9,516	63	52	A
K3GW	502,656	708	238	B
KB3LIX	412,452	609	228	B
ND3R	265,320	441	201	B
NA3F	139,938	284	166	B
AA3GM	133,281	255	177	B
WA3EQJ	24,948	113	77	B
N2EM	19,500	102	65	B
K3CR (LZ4AX, op)				
	5,713,920	3,992	480	C
K3RWN	2,925	39	25	40

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#### Alabama

WB5NMZ	20,520	95	76	A
WA8HSB	9,900	61	55	A
N4JF	438,684	574	263	B
W4RYW	353,970	517	230	B
N4UC	275,808	451	208	B
WB4KDI	228,060	364	210	B
W4NBS	139,080	308	152	B
KS4L	135,369	270	169	B
NV4B	131,970	267	166	B
KM4JA	84,870	233	123	B
K4AGT	67,332	187	124	B
W4TKI	55,440	166	120	B
K8AJX	45,687	158	97	B
KJ4FDV	10,890	67	55	B
K4AB	1,573,650	1,367	390	C
N4NO	1,349,712	1,241	364	C
K4HAL	220,608	388	192	C
KG4CUY	111,342	246	154	C
K4WI	22,152	144	52	10
K4NVJ	17,808	113	53	15
WA1FCN	158,760	611	90	40
NA4W (K4WI, op)				
	10,944	77	48	160

#### Georgia

AE4O	246,636	409	204	B
WB4SQ	234,567	417	201	B
ND1Y	203,490	360	190	B
WI4R	44,847	152	99	B
WA4SQM	39,060	143	93	B
W4LDA	13,629	78	59	B
AI4UN	3,510	40	30	B
AA4CF	975,744	929	352	C
WB4MAK	375,084	431	302	C
K4KR	5,904	48	41	C
N4PN	327,000	1,009	109	15
K4PI	57,498	261	74	160

#### Kentucky

KE4KY	375,564	527	238	B
KJ4AOM	113,400	274	140	B
K4SPO	47,736	157	104	B
KI4WCQ	1,584	24	22	B
N4QS	845,871	950	299	C
N4KZ	160,857	299	183	C
K4AVX	51,744	177	98	C

#### North Carolina

N4HAY	58,206	182	109	A
AA2MX	6,669	57	39	A
WX4RM	1,863	27	23	A
N4YDU	1,218,402	1,256	327	B
N4CW	931,392	1,014	308	B
N4HA	383,229	560	231	B
W4MPS	267,330	476	190	B
W4NZC	169,260	317	182	B
AI4GR	138,075	265	175	B
N4HXI	90,480	212	145	B
N4TL	77,568	205	128	B
K4HC	69,615	196	119	B
W4KAZ	54,180	220	86	B
KZ2I	39,204	136	99	B
K4NC	35,814	128	94	B
W6DVS	29,400	107	98	B
KJ4WD	14,112	90	56	B
WA4GQG	12,036	68	59	B
K5EK	1,795,218	1,403	433	C
W3GQ	1,492,344	1,272	392	C
WX4G	865,050	804	365	C
K4DJ	769,041	944	273	C
N4AA	573,648	706	272	C
K4YR	480,702	731	226	C
N1LN	470,820	599	266	C
K4TP	67,056	176	127	C
K4SKB	33,345	124	95	C
K4FX	19,500	104	65	C
N4OI	11,088	80	48	C
N4GU	7,437	72	37	C
NK3U	22,272	129	58	20
KK9A	30,174	216	47	40
WØUCE	141,960	529	91	80
W4ZV	81,450	364	75	160

#### Northern Florida

AC2N	240	10	8	A
W4AA	952,902	964	334	B
NS1L	169,194	359	163	B
N4WO	134,505	311	147	B
W4PC	95,520	201	160	B
W8NNX	42,330	174	83	B
KN4Y	40,500	150	90	B
W4EBA	38,808	147	88	B
AB4G	17,160	92	65	B
KQ4Y	13,140	76	60	B
N4UU	1,094,109	1,520	251	C
WA2VYA	339,012	516	219	C
K5AUP	250,584	433	197	C
NE8J	203,196	435	164	C
KI2G	136,746	427	107	C
K3TW/4	78,012	395	66	40
KE1F	69,360	297	80	40
K9OM	222,411	858	89	80
K2EK	152,457	576	89	80
WJ9B	32,178	182	62	160
KK4SI	10,863	74	51	160

**South Carolina**

K4CNW	209,241	351	201	A
KS4YX	141,816	314	152	B
KN4QD	16,896	89	64	B
K4YYL	411,558	584	239	C
KØCOP/4	128,772	297	147	C
K4HR	79,500	212	125	C

**Southern Florida**

NT4TS	66,177	184	129	A
W4ZGR	9,360	66	48	A
W2TX	817,320	984	278	B
N4PSE	442,800	612	246	B
WB2REM	113,730	229	170	B
N4LF	72,216	210	118	B
K4PBY	7,614	55	47	B
W4SO	1,019,664	1,195	292	C
K4MF	900,552	958	314	C
A14WW	141,696	330	144	C
NJ2F	97,161	237	139	C
KW4G	18,915	98	65	C
KK9O	12,474	77	54	C
K4ADR	7,128	54	44	C
KN4JN	1,863	28	23	10
K1FIR	16,065	105	51	B 15
AF4RK	26,550	152	59	20

**Tennessee**

W9WI	563,604	705	268	A
KS4X	110,079	246	151	A
NU4B	66,300	170	130	A
N2WN	1,237,650	1,122	370	B
NA4K	1,098,342	1,143	322	B
N4ARO	130,500	254	174	B
NA4C	78,948	210	129	B
W4NI	78,300	226	116	B
AD4CJ	46,866	157	107	B
WF7T	35,640	138	88	B
K14EZC	32,640	129	85	B
AA3VA	31,050	115	90	B
AA4DD	26,775	106	85	B
W4BK	22,230	95	78	B
W4BCU	7,869	62	43	B
KA4OTB	5,472	49	38	B
W4OGG	4,440	40	37	B
KU4B	1,716	26	22	B
K4RO	2,514,600	2,217	381	C
K1GU	1,138,212	1,177	324	C
NB4M	518,568	725	248	C
K4AMC	417,216	661	212	C
N4AAI	241,080	398	205	C
K4CX	186,150	365	170	C
KØEJ	170,538	669	86	C
W2OO	140,934	292	166	C
N4IR	134,994	301	151	C
K3JWI	114,453	262	157	C
WD8RYC	38,985	116	113	C
K4DZR	16,587	97	57	C
AB4GG	2,484	36	23	C
N4ZZ	199,626	684	98	15
AD4EB	244,776	873	94	20
NE4L	1,050	26	14	40
K9IL	28,542	146	67	80
K4EJQ	10,350	69	50	160

**Virginia**

K4ORD	176,958	340	174	A
WK4W	57,792	179	112	A

K9GY	147	7	7	A
W4YE	749,070	865	290	B
N3TG	140,448	314	152	B
WØQQG	115,542	271	147	B
K4FTO	107,406	248	153	B
K4FJW	106,908	246	151	B
K7CS	105,501	264	139	B
NU4I	105,501	256	139	B
K4UK	105,327	252	141	B
A14SV	90,024	251	124	B
W4GDG	89,700	242	130	B
K4OSO	87,000	238	125	B
WBØPOH	69,600	200	116	B
K6ETM/4	48,900	163	100	B
K13O	45,210	139	110	B
AA4KD	39,861	136	103	B
WB3ERA	28,560	112	85	B
W4ZPR	21,384	108	66	B
K1KAV	10,608	68	52	B
KC4ZA	1,725	25	23	B
WA4EUL	1,311	23	19	B
KØZR	1,043,298	1,189	298	C
N4RA	706,293	713	333	C
WA4JUK	477,495	672	243	C
NC4S	450,063	641	237	C
KR4V	276,942	463	202	C
W4ZYT	122,031	286	149	C
N4PD	107,019	256	141	C
N4MM	91,134	249	122	C
N3UA	86,565	200	145	C
K4FJ	228,600	769	100	15
N3JT	27,690	144	65	15
AB4SF	17,985	111	55	15
N2AA	496,080	1,575	106	20
WA2ASQ/4	13,356	89	53	20
N4UA	322,335	1,137	95	40
K4WY	50,055	240	71	40
N3BM	9,702	80	42	40
KZ1A	16,968	106	56	80

**West Central Florida**

W4IHI	5,922	50	42	A
N9CM	783,225	889	295	B
W1CCE	374,670	547	230	B
N4IG	57,915	199	99	B
N4AO (WC4E, op)				
	24,600	102	82	B
K2EUH	960	20	16	B
K1TO	1,796,691	2,016	299	C
WK2G	1,006,500	1,355	250	C
K4LQ	590,724	746	269	C
KE4YH	35,640	121	99	C
WB4TDH	178,560	622	96	15
W2TA	75,852	298	86	40
N3GD	63,063	277	77	40
WØPV	66,759	289	77	80

**5****Arkansas**

W5JAY	10,200	68	50	A
WA5SOG	140,070	292	161	B
K5ACO	34,935	140	85	B
KD5J	6,912	75	32	B
K5NTT	506,730	639	266	C
WD5R (N5ECT, op)				
	5,280	56	32	C
W5KI	1,800	30	20	10

W5ZN	221,970	764	98	80	N5AW	1,996,620	1,565	428	B
<b>Louisiana</b>					AC5K	464,400	602	258	B
K5KLA	954,750	957	335	B	K5LJ	258,825	432	203	B
AD5VC	48,285	155	111	B	N5KWN	190,026	399	162	B
W8RSI	22,557	106	73	B	W5GAI	188,700	348	185	B
W5PQ	12,720	81	53	B	NK5G	88,011	235	127	B
W5WZ	1,725	25	23	B	W5APS	62,790	188	115	B
N5VU	187,968	355	178	C	W5FIT	56,277	170	111	B
<b>Mississippi</b>					W3DQN/5	48,783	162	101	B
W5UE	570,360	783	245	B	K5GQ	30,012	131	82	B
WS1L	175,392	415	144	B	WX5I	28,476	117	84	B
NI5F	175,152	329	178	B	W5JBO	7,998	64	43	B
W5THT	49,920	160	104	C	WA5AU	468	13	12	B
W5NA	65,232	306	72	20	KD5MMM	330	11	10	B
N5PU	10,560	83	44	40	AB5EB	442,056	668	226	C
<b>New Mexico</b>					KZ5J	417,972	577	244	C
K5OI	25,620	131	70	A	AE5X	394,389	555	243	C
N5RKD	265,392	468	194	B	K5WAF	359,910	396	310	C
NF5Y	138,003	301	157	B	AD5A	201,468	418	163	C
W5TTE	9,450	77	42	B	N5TM	117,810	269	154	C
AC5BX	2,475	34	25	B	K5JX	107,730	282	133	C
W5CO	2,208	32	23	B	W5PF	28,413	124	77	C
K7IA	424,830	610	238	C	K5FP	112,203	412	91	15
N5UL	253,995	418	205	C	KØGEO	12,240	86	48	15
K5TA	172,260	331	174	C	W5EB	1,080	20	18	20
KD5JAA	136,752	308	148	C	K5ZE	7,749	66	41	40
WØZW	2,070	30	23	C	<b>West Texas</b>				
N5IA	167,010	591	95	40	WA5VSK	21,978	99	74	B
W6PU	81,345	319	85	C 40	N5SM	1,260	21	20	B
<b>North Texas</b>					WZ5H	798	19	14	B
K5ND	75,648	199	128	A	N5RZ	277,770	477	197	C
WA5RML	17,160	91	65	A	N5DO	6,732	68	33	10
WØUO	1,724,580	1,486	390	B	NZ5M	1,740	29	20	B 15
W5RYA	503,880	694	247	B	K5TDA	85,008	326	88	40
NN5T	428,505	591	245	B	N5LUL	108	6	6	40
WA8ZBT	206,658	389	178	B	<b>6</b>				
AD5MN	112,566	261	146	B	<b>East Bay</b>				
W5GWH	82,764	212	132	B	KW6G	92,241	277	111	B
AE5P	55,728	175	108	B	NR6O (K7GK, op @ N6RO)				
N5UD/M	44,712	162	92	B		1,909,941	1,878	341	C
N5UI	27,405	105	87	B	WB3JGP/6	4,557	51	31	C
K5QR	24,408	114	72	B	WV6E	26,460	126	70	40
K7RB	16,284	94	59	B	<b>Los Angeles</b>				
K5DW	9,558	60	54	B	N6RV	679,098	896	259	B
K5SS	3,024	36	28	B	W6LAX	83,781	269	107	B
K5MBA	48	4	4	B	KN6Y	51,975	167	105	B
K5BG	1,016,334	1,064	319	C	AI6Z	50,508	186	92	B
N5PO	881,730	975	303	C	N6OU	23,607	131	61	B
K5LC	72,960	261	95	C	K6TV	14,820	101	52	B
AA5TB	663	17	13	40	NC6Q	3,780	44	30	B
K5RX	39,528	188	72	160	WO6M	291,336	500	199	C
<b>Oklahoma</b>					N6AA	234,630	399	198	C
AA5CK	28,884	123	83	A	WA6URY	216,531	510	147	C
N5XE	103,680	257	135	B	NF6R	122,181	297	139	C
W5GFI	24,354	123	66	B	N6IC	79,950	209	130	C
N5DY	92,682	272	114	C	W6OES	19,875	136	53	C
KK5JY	27,675	125	75	C	N6TCZ	495	15	11	C
K5QEA	62,370	272	77	15	<b>Orange</b>				
N4IJ	154,440	524	99	20	KØNW	128,226	314	142	B
N5KMZ	11,562	82	47	20	K6CU	92,862	236	134	B
<b>South Texas</b>					N6CHU	51,042	192	94	B
KIØG	102,240	247	142	A	N6CMF	39,480	141	94	B
WF5W	36,900	153	82	A	N6MI	22,506	121	62	B
					NN6CH	19,116	108	59	B

W6ZBA	17,472	104	56	B
KQ6Q	2,046	32	22	B
WA6KHK	531,405	730	245	C
W6TMD	430,755	627	235	C
K6HRT	97,920	291	120	C
K6OGO	32,634	152	74	C
AD6WL	3,240	45	24	10
KQ6ES	26,988	173	52	15
W6DCC	82,152	343	84	20
WA6NOL	12	2	2	80

#### Santa Barbara

WA6FGV	169,092	369	154	B
W6FG	17,748	102	58	B
W6UM	792,960	837	320	C
W6TK	695,256	992	236	C
W6OUL	24,111	146	57	20

#### Santa Clara Valley

K6XN	21,750	132	58	B
K6KQV	19,656	121	56	B
AC6SL	11,616	93	44	B
K6RM	2,970	33	30	B
K6XX	2,318,682	2,029	383	C
K6XM	335,325	435	263	C
K6RB	61,740	249	84	C
W6UFO	18,144	110	56	C
AJ6V	4,950	68	25	C
N6TV	331,038	1,046	106	20

#### San Diego

WN6K	455,124	799	194	B
AA6EE	135,675	335	135	B
K6VFF	33,615	144	83	B
KK6TV	8,280	69	40	B
AF6NI	8,103	73	37	B
W6YI (N6MJ, op)	3,378,954	2,685	422	C
K6NA	1,324,785	1,298	341	C
W6VNR	27,336	136	67	C

#### San Francisco

W6JTI	404,826	623	218	A
W6IYS	104,652	310	114	B
AE6ZF	13,959	103	47	B
AG6V	6,222	61	34	B
WW6D	6,930	79	30	C

#### San Joaquin Valley

K6MI	11,352	90	44	A
NU6N	58,206	222	89	B
NZ6Q	46,728	187	88	B
K6CSL	22,176	136	56	B
NA6G	13,260	87	52	B
AA6GZ	7,137	61	39	B
KI6NGN	5,712	56	34	B
KA6GDT	1,218	29	14	B
WC6H	168,576	447	128	C
K6YK	126,501	291	149	C
W6SX	113,184	293	131	C
W5DQ	27,639	111	83	C
K6EEP	9,024	67	47	C
NE6M	1,050	35	10	40

#### Sacramento Valley

N6RK	7,050	51	47	B
W6FA	284,289	496	193	C
W6RFF	249,600	537	160	C
N6DW	97,512	245	136	C

WB6JJJ	78,624	227	117	C
K6DGW	61,152	189	112	C
K6LRN	57,222	188	102	C
N6QZS	3,591	57	21	C
W6RKC	13,098	119	37	80

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#### Arizona

N7IR	468,996	647	242	A
KU7Y	10,209	84	41	A
N6HI	240	10	8	A
WU9B	491,556	610	274	B
K7JE	415,656	564	251	B
K6WSC	96,957	244	133	B
W6ZQ	25,047	122	69	B
K7MY	5,832	57	36	B
AD7JX	765	17	15	B
KO7AA	1,781,916	1,849	326	C
NQ7R	836,976	861	329	C
K7HP	403,920	568	240	C
K7JQ	344,655	559	207	C
W7YS	174,906	376	158	C
NI7R	151,200	336	150	C
KE2VB	141,804	310	156	C
K7KAR	29,400	100	100	C
W7UDG	9,882	64	54	C
W7ON	960	20	16	15
K7FA	99,360	368	92	20
K7ZD	270	10	9	20
WØPAN	36	4	3	20
N6MA	196,560	739	90	40

#### Eastern Washington

W7GB	238,632	488	163	A
K7GS	125,895	392	109	B
W7CCY	77,952	226	116	B
WAØWWW	54,990	237	78	B
K7EIQ	15,138	89	58	B
W6AEA	444,174	830	181	C
WA7LT	108,135	456	81	15
WA1PMA	540	15	12	15
W7OE	3,510	66	18	160

#### Idaho

K7ARJ	76,014	250	103	B
N7ZN	32,802	159	71	B
KK7X	18,975	122	55	B
K7JAN	5,487	59	31	B
N7GOA	5,247	55	33	B
N7VEA	864	19	16	B
KA7T	36,477	201	63	20

#### Montana

KE7X	838,350	1,232	230	B
KE7NO	90,000	243	125	B
KS7T	114,708	323	121	C
K7BG	10,032	89	38	C
K7ABV	48,600	227	72	20

#### Nevada

K7ACZ	73,224	219	113	B
K7XC	228,360	454	173	C

#### Oregon

WO7V	93,840	276	115	B
K7OVM	85,749	284	101	B
K6UM	76,962	257	101	B
W7YMS	39,216	157	86	B
N7VS	20,460	114	62	B

K17N	1,050	25	14	B
N6TW	244,035	501	165	C
KN7K	51,615	188	93	C
KD7MSC	33,654	161	71	C
WA7UR	450	15	10	C

**Utah**

WF4U	207,552	374	188	B
KU7Z	89,400	310	100	B
N7BAN	83,733	249	113	B
WA7LNU	67,860	202	116	B
W7GT	45,792	215	72	B
AC7JW	27,840	163	58	B
AK7O	16,587	99	57	B
AD7BN	16,380	84	65	B
K7ULS	9,918	90	38	B
WA7BME	3,813	42	31	B
K7RJ	144	8	6	B
N7VM	1,532,700	1,587	325	C
N5LZ	396,390	742	181	C
WX7G	153,768	360	149	C
NG7M	72,252	226	108	C
WR7Q	15,606	102	51	C
K6EIL	24,003	127	63	A 20

**Western Washington**

NN7SS (K6UFO, op)				
	188,940	484	134	A
N7ZG	893,628	1,250	241	B
W7IJ	520,380	892	196	B
N7LOX	119,475	305	135	B
W7QN	76,200	255	100	B
N7EIE	65,772	258	87	B
K7AMS	61,065	297	69	B
KB7N	51,507	182	97	B
N3QQ	49,896	194	88	B
W7PU (N7EPD, op)				
	39,123	189	69	B
WB7FJG	20,700	120	60	B
K7ZG	13,038	87	53	B
K7RL	2,070,405	2,100	331	C
K7AR	927,381	1,039	301	C
NG7Z	260,820	549	161	C
N7RO	240,057	538	153	C
W7VJ	239,760	681	120	C
N6KW	164,865	380	145	C
KD7H	102,141	295	117	C
WG7X	22,302	120	63	C
W7LKG	19,116	109	59	C
W7VXS	13,923	97	51	C
N7DOE	11,868	92	46	C
N7QS	6,615	66	35	C
K7WA	19,080	161	40	15
K7BX	12,600	105	40	40
W7DRA	456	20	8	160

**Wyoming**

K7KU (KØKR, op)				
	1,556,862	1,663	313	C
KO7X	419,328	547	256	C
NE9Z	35,328	130	92	C
K9DR	9,045	67	45	C
N7IX	35,838	192	66	20

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**Michigan**

KC8LTL	121,986	258	162	A
KT8K	104,394	276	127	A

K8GT	274,131	437	213	B
WA8REI	181,764	382	162	B
WB8MIW	167,832	334	168	B
W8DW	71,868	212	113	B
K8GVK	59,187	181	109	B
N8KV	51,810	160	110	B
KC8CAJ	8,352	59	48	B
NF8M	7,611	59	43	B
K8GL	2,615,718	2,015	434	C
WB8WKQ	67,158	188	123	C
K8MJZ	16,284	95	59	C
WA8OLD	6,864	52	44	C
K8IR	2,112	32	22	10
AB8DF	4,158	43	33	15
AI9I	192	8	8	15
NA8V	99,792	382	88	80
AC8CE	5,184	48	36	80
W8TOP	38,664	185	72	160

**Ohio**

K8ZT	271,998	443	207	A
N8AA	1,411,488	1,257	377	B
WB8JUI	865,368	811	357	B
KV8Q	815,670	869	318	B
W8TM	452,364	599	253	B
N8VV	431,631	598	241	B
N8IE	398,592	528	256	B
KE8M	261,288	456	191	B
W8IDM	227,682	419	182	B
K8AB	151,392	307	166	B
N8TD	115,038	259	154	B
W8DHG	77,562	195	139	B
KQ8RP	76,212	225	116	B
N8EW	61,425	175	117	B
AA8P	37,179	154	81	B
AF8C	17,199	93	63	B
K8VUS	16,560	84	69	B
WB8JAY	8,319	61	47	B
W8NNC	6,804	54	42	B
W8KNO	5,850	50	39	B
N8BJQ	2,060,400	1,727	400	C
K1LT	1,792,224	1,531	392	C
K8MP	1,255,680	1,333	320	C
N8PW	1,107,264	1,180	316	C
WA3C/8	963,870	900	361	C
NF8R	692,550	812	285	C
WA8RCN	613,800	823	264	C
W8HMK	48,720	150	112	C
W8PN	37,674	143	91	C
K8LO	27,405	105	87	C
W8MET	2,262	29	26	C
KG9Z	4,293	53	27	10
N8AGU	191,805	682	95	20
N9AUG	95,004	377	87	20
W8GOC	44,091	209	71	20
K8GD	22,833	133	59	20
K8BTU	22,401	136	57	20
K8WW	23,364	120	66	40
K8FL	17,169	99	59	160

**West Virginia**

KB3CXQ	1,725	26	23	B
W8OHT	312,696	553	202	C
AA8UL	134,130	274	170	C
K3XO	99,396	255	132	C
K8OWL	1,056	23	16	10
W8AKS	468	14	12	40

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**Illinois**

AA9KH	1,260	21	20	A
K9QVB	754,797	819	311	B
K9MMS	731,574	842	291	B
N9CO	633,447	830	261	B
K9UIY	415,794	539	262	B
N9DJ	275,406	468	197	B
K9JE	186,069	375	169	B
W9OA	183,222	525	117	B
A19K	132,651	294	153	B
N9NA	106,752	277	139	B
K9MY	98,490	261	134	B
W9SZ	95,076	228	139	B
WB9VGO	80,190	212	135	B
WB9AYW	72,828	216	119	B
WB9HFK	65,124	202	108	B
N9LYE	59,136	154	128	B
NJ9Z	55,104	166	112	B
WQ9T	54,384	176	103	B
WC9B	47,988	177	93	B
NV9X	46,659	152	103	B
KB9O	22,515	102	79	B
K9PMV	21,726	107	71	B
K9FO	21,000	102	70	B
KB5OS	19,110	92	70	B
K1GI	8,178	58	47	B
W9TTT	7,611	59	43	B
KC9IL	6,273	52	41	B
W9NXM	1,134	21	18	B
K9CT	2,502,027	2,211	381	C
K9BGL	446,424	717	209	C
K3WA	436,170	680	217	C
W9SE	392,616	538	246	C
KY9KYO	284,850	430	225	C
KG9N	238,107	579	139	C
WA9AQN	206,448	395	176	C
WX9U	181,737	381	159	C
K9CC	100,188	249	138	C
K9JU	79,236	221	124	C
NA9A	13,065	70	65	C
K9WA	58,905	255	77	15
KE9EX	1,449	23	21	15
W9ILY	73,872	307	81	20
W9WJ	35,811	173	69	B 20
KD9MS	6,240	52	40	20
K9PY	1,560	26	20	40

**Indiana**

N4TZ	2,032,344	1,758	388	B
N9XO	146,250	250	195	B
KU8T	134,514	328	141	B
K9IG	28,431	117	81	B
KB9YGD	23,850	111	75	B
W9EEU	768	16	16	B
W9RE	4,352,238	3,392	431	C
N9WKW	340,704	516	224	C
N9ZI	272,538	451	206	C
N9FC	235,410	420	190	C
K9LA	150,255	317	159	C
K9DUR	12,798	83	54	C
K2UR	95,697	345	93	15
W9NY	24,939	164	51	20
WD8DSB	2,856	35	28	160

**Wisconsin**

N9CK	1,385,280	1,251	370	B
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W9LHG	255,150	459	189	B
K1TN	244,218	407	202	B
W9AV	87,153	217	139	B
K0CD	61,944	183	116	B
WR9Y	46,800	158	100	B
K9AIH	39,897	144	93	B
K8ZZV	15,300	87	60	B
W9AKS	7,080	59	40	B
K9MA	1,256,742	1,381	306	C
WI9WI	233,445	399	197	C
KW9R	144,597	317	157	C
N9FJ (WI9WI, op)				
	507	13	13	C
N9GBB	5,772	52	37	B 20
W9OP	55,890	233	81	80
N9WI	7,371	63	39	80
K9AU	4,176	48	29	80

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**Colorado**

N0KE	355,746	565	211	A
NO2D	588	15	14	A
W0ETT	592,416	755	264	B
K10J	356,310	539	222	B
KC0V	329,820	485	230	B
K0LDS	74,778	207	121	B
N0TK	69,372	193	123	B
KR7C	52,128	182	96	B
N0GOS	43,296	166	88	B
W2UP	22,407	98	77	B
W0DN	8,556	63	46	B
N0IBT	2,016	28	24	B
W0RO	147	7	7	B
W0ZA	591,336	1,073	191	C
K6XT	542,160	729	251	C
K0ALT	250,101	542	157	C
W0KIT	70,059	195	121	C
K0XTR	12,690	90	47	C
N0OJ	2,916	36	27	C
N0KJI	2,376	37	22	C
N7DR	71,040	324	74	15
NK0E	1,071	21	17	20
KV0Q	41,040	193	72	160
N0RN	2,574	33	26	160

**Iowa**

KD0Q	256,239	409	213	B
KW0J	36,984	134	92	B
KV1E	127,008	300	144	C
AD0H	5,940	64	33	15
N9HDE	4,257	44	33	40
K0KT	58,515	238	83	80
W0NFL	1,512	25	21	160

**Kansas**

KD0R	21,513	106	71	A
K0BJ	476,556	608	263	B
AA0FO	216,450	396	185	B
W0EB	159,705	320	169	B
W0RT	106,386	243	149	B
AB0S	65,205	209	105	B
K0AP	239,706	415	193	C
W7JI	32,361	165	67	20

**Minnesota**

N0UR	304,425	495	205	A
ND0C	226,164	402	188	A
W6GMT	9,588	69	47	A



KNØV	177,192	324	184	B	VE7BGP	8,190	74	39	B
WØPI	129,978	265	166	B	VA7ZM	2,325	32	25	B
WBØSOK	56,628	162	121	B	VE7CC	2,128,113	2,037	351	C
WØRSB	51,792	166	104	B	VA7KO	388,287	674	197	C
KØCN	47,712	145	112	B	VE7JKZ	169,200	380	150	C
KØUU	15,990	87	65	B	VA7MM	420	20	7	10
AIØQ	12,096	74	56	B	VE7XF	60,858	323	63	15
NØOK	9,384	70	46	B	VE7NI	8,772	72	43	20
N9GC	7,320	62	40	B					
KØAD	3,870	44	30	B	<b>Maritime</b>				
WØRU	768	17	16	B	VE9QRP	22,869	106	77	A
KØSR	2,367,114	2,036	391	C	VE1RGB	898,695	957	315	B
NEØU	1,031,058	1,200	294	C	VE1RSM	408,258	623	222	B
K9DU	883,050	1,019	290	C	VE1ZA	197,790	357	190	B
NØBUI	316,575	532	201	C	VY2LI	6,678	53	42	B
KØJJR	166,950	322	175	C	VY2ZM (K1ZM, op)				
WØHW	161,616	381	148	C		5,942,349	4,123	483	C
WØZQ	84,600	237	120	C	VY2TT (K6LA, op)				
KEØL	24,057	100	81	C		4,152,006	3,383	414	C
AAØAW	17,340	90	68	C	VA1MM	722,016	889	276	C
KØTI	12,672	130	33	20	VE1MC	377,970	590	215	C
KØPK	23,490	138	58	80	VY2SS	301,806	638	162	C
NNØQ	1,740	29	20	80					
<b>Missouri</b>					<b>Manitoba</b>				
N8LA	6,486	47	46	A	VE4YU	92,160	241	128	B
NEØS	225,522	374	201	B	VE4SN	9,540	65	53	B
K2HT	106,020	230	155	B	VE4WSC	3,255	37	31	B
KBØVE	103,716	275	129	B	VE4DET	2,175	30	25	20
KSØM	81,180	210	132	B					
WØPC	31,872	134	83	B	<b>Newfoundland/Labrador</b>				
KCØSTQ	13,695	86	55	B	VO1BQ	1,566	30	18	40
WDØECO	4,080	40	34	B	VO1TA	1,152	24	16	40
KØDEQ	686,691	883	261	C					
KØOU	513,486	674	257	C	<b>Ontario</b>				
WØTY	79,488	215	128	C	VA3DF	662,904	843	264	A
KFØIQ	900	20	15	10	VE3GTC	159,318	326	167	A
WØHBH	65,040	281	80	15	VA3WR	42,471	147	99	A
NØTT	17,442	105	57	160	VA3RKM	37,386	135	93	A
<b>North Dakota</b>					VE3EK	686,841	814	283	B
N7IV	210,588	776	92	20	VE3FH	400,803	562	239	B
<b>Nebraska</b>					VE3GFN	321,057	523	207	B
WDØBGZ	17,856	93	64	A	VE3TW	288,144	468	207	B
WØKT	69,174	203	122	B	VE3TG	287,127	526	183	B
KØSW	86,724	219	132	C	VA3ATT	257,085	443	197	B
WNØL	8,892	78	39	15	VE3OM	216,117	408	177	B
<b>South Dakota</b>					VE3MGY	149,454	380	138	B
NØSXX	57,015	183	105	C	VE3FWA	54,810	175	105	B
<b>Canada</b>					VE3RCN	50,490	172	99	B
<b>Alberta</b>					VE3BVA	35,607	148	83	B
VA6AM	81,180	222	123	B	VE3KAO	26,442	113	78	B
VE6SQ	18,792	109	58	B	VE3HUR	432	12	12	B
VE6BBP	287,469	512	189	C	VC3E (VE3AT, op)				
VE6WQ	315,228	981	109	20		4,336,080	3,131	464	C
VE6EX	6,888	57	41	40	VE3JM	1,173,504	1,543	256	C
<b>British Columbia</b>					VE3NR	511,407	613	279	C
VA7DER (VE6BIR, op)					VE3XB	370,920	566	220	C
	31,284	132	79	A	VE3OI	143,220	314	154	C
VA7ST	403,650	654	207	B	VA3AR	42,336	150	98	C
VE7BZR	161,820	376	145	B	VE3EJ	20,952	98	72	C
VE7MID	82,800	308	92	B	VE3FU	20,703	105	67	C
VA7RN	66,930	234	97	B	VE3FDT	5,481	64	29	10
VE7AX	26,412	149	62	B	VA3WPV	810	20	15	10
VA7CPC	24,528	148	56	B	VA3PL	240	10	8	10
					VE3KZ	142,884	496	98	15
					VE3FJ	4,950	51	33	15
					VA3RJ	3,780	42	30	15
					VA3GUY	36,288	206	63	20
					VE3WDM	6,222	61	34	20
					VE3IGJ	1,296	24	18	20

VA3FN	75	5	5	20	N1NK	116,280	408	95	B
N2WQ/VE3	252,000	808	105	40	W3IZ	109,350	273	135	C
VE3IAE	13,680	125	38	40	W1ZZ	102,600	229	150	B
VE3OSZ	47,250	229	70	80	W1MU	93,600	407	78	C
VE3RER	6,336	65	33	80	K1KU	90,396	196	162	B
VE3CUI	1,008	21	16	160	W1MAW	84,987	217	133	B

**Quebec**

VE2AWR	446,880	669	224	B
VE2AXO	94,518	277	118	B
VA2SG	53,010	195	93	B
VE2QV (VE2FFE, op)				
	25,200	121	70	B
VE2GLA	105	7	5	B
VE2EZD	257,715	420	207	C

**Saskatchewan**

VE5SF	185,136	416	152	B
VE5ZX	170,820	383	156	B

**Single Operator Assisted**

**United States**

**1**

N1IW	3,391,080	2,588	440	C
W3UA	2,779,110	2,222	423	C
W1CSM	2,616,768	1,959	448	C
K2TE	1,936,872	1,780	366	C
W1QK	1,856,928	1,698	368	C
AA1V	1,468,896	1,182	416	C
W1EBI	1,300,194	1,222	357	C
W1CTN	1,299,888	1,080	408	C
W1NT	1,261,440	1,181	360	B
K3IU	1,206,075	1,249	325	C
WO1N	1,160,628	1,160	337	B
N8RA	1,102,665	1,012	365	C
K1LD	927,693	896	351	B
N1YX	878,244	906	326	B
W1BYH	866,619	837	351	C
N1SNB	801,792	961	288	C
KA1IOR (N1TB, op)				
	770,868	813	322	C
W1FA	768,159	969	267	B
W1NG	761,439	713	359	C
W1QA	706,410	713	334	C
AE1T	703,890	871	270	C
KB1W	607,845	839	245	C
KT1B	599,082	641	313	C
W1RZF	550,926	776	241	C
K1RV	510,120	546	312	C
W1RM	500,940	507	330	C
NF1O	500,580	546	309	B
K1QX	439,803	542	273	C
W1MAT	365,760	510	240	C
K2RS	363,561	482	253	B
W1JR	312,756	393	268	C
K1NEF	239,805	369	219	C
NG1G	212,169	366	197	B
K1LOG	196,272	349	188	B
NJ1T	190,740	347	187	B
NI1L	188,670	331	190	C
W1UK	150,348	269	187	C
K1FFX	143,988	341	142	B
W1TO	140,973	347	137	C
KV1J	138,600	281	165	C
AD1L	137,484	269	171	C
AB1J	134,037	282	159	B
N1API	126,765	315	135	B

N1NK	116,280	408	95	B
W3IZ	109,350	273	135	C
W1ZZ	102,600	229	150	B
W1MU	93,600	407	78	C
K1KU	90,396	196	162	B
W1MAW	84,987	217	133	B
K1BG	53,799	229	79	B
KA1R	37,668	146	86	C
W1KQ	27,459	113	81	C
W1ZR	26,781	116	79	C
KØTV	26,352	123	72	C
K1TH	11,745	91	45	B
AD1DX	7,560	56	45	B
AA1QD	7,560	91	28	C

**2**

K2M (K2NG, op)				
	4,648,050	2,871	550	C
N2MM	2,958,927	2,299	437	C
N1EU	2,886,060	2,067	467	C
W1GD	2,738,736	2,011	456	C
KF2O	1,993,068	1,463	462	C
K2ONP	1,669,836	1,454	386	C
K2SG	1,418,550	1,369	350	C
N2RM	1,377,075	1,538	301	C
W2IRT	1,371,078	1,089	422	C
W2LE	1,338,090	1,226	365	C
AI2N	1,130,382	1,091	346	C
AB2E	1,054,092	945	377	C
K2KQ	1,038,429	941	371	C
KA2D	956,592	950	336	B
K2MK	927,180	1,023	303	C
AB3CX	915,306	1,150	266	C
N2FF	812,790	827	330	B
K2EP	795,591	814	327	C
N1RK	727,467	818	299	C
N1IBM	590,904	700	283	C
N2WKS	590,064	654	304	C
K2ZC	586,752	768	256	B
K3ZV	583,908	796	247	B
K2CJ	539,334	725	249	C
K2QPN	493,491	614	271	C
N2CQ	465,528	654	238	B
W2EN	406,119	587	233	C
AB2DE	403,956	468	294	C
K2DBK	374,514	521	241	B
WT4Q	372,222	561	226	C
WB2SIH	338,691	502	229	C
N2VW	283,458	410	238	C
NA2M	281,520	411	230	B
W2/E78WW	274,134	867	107	C
W2RZS (WB2NVR, op)				
	269,325	482	189	C
N2JDQ	224,037	342	219	B
N2CG	219,018	355	211	C
N2KI	200,301	381	179	C
KI2P	190,278	345	186	C
NJ1F	182,532	291	212	C
N2UN	175,812	606	98	C
K2MFY	171,666	568	102	B
KC2NB	170,640	316	180	C
N2SQW	161,508	317	172	B
N2YBB	158,064	302	178	B
N2UM	139,872	261	188	B
K2GN	128,880	243	179	C
K2DSL	120,498	266	151	B
N1JP	120,294	248	163	C
W6XR	118,335	249	161	C

K2YR	113,787	269	141	C	W3SFG	28,203	120	79	B
WA3AFS	109,440	191	192	B	KD3RF	21,828	110	68	C
AB2ZY	107,640	236	156	C	AF3I	18,612	95	66	C
N2BC	89,082	203	147	C	W3LD	14,175	76	63	B
N2EIK	86,970	224	130	C	W6NRJ	8,910	56	54	C
NG2P	70,692	174	137	C	K3YG	7,488	52	48	C
K2PF	47,619	146	111	B					
K2EN	40,248	156	86	C	<b>4</b>				
KS2G	36,300	110	110	B	N4RV	2,060,640	1,444	480	C
WF2B	31,488	133	82	C	N4ZC	1,722,546	1,306	441	C
WB2TPS	26,700	101	89	B	K2SX	1,626,870	1,285	427	C
K2PAL	7,560	56	45	C	K3IE	1,594,593	1,241	429	C
NP3D	6,750	52	45	B	N4VV	1,573,218	1,240	426	C
N2RJ	1,863	27	23	B	N4DJ	1,524,900	1,307	391	C
N2AET	189	9	7	B	W4PM	1,492,050	1,233	406	C
<b>3</b>					KR4F	1,412,700	1,119	425	C
K3WW	6,540,558	4,392	502	C	N4KG	1,408,608	1,077	438	C
AA3B	6,244,308	4,206	497	C	W3OA	1,403,340	1,232	380	C
K3MD	2,362,500	1,908	420	C	K4PB	1,199,205	994	405	C
K3IPK	1,982,292	1,711	388	C	W4BQF	1,153,953	1,655	237	C
K2PLF	1,972,026	1,567	423	C	W7DO	1,095,930	998	369	C
K3PP	1,663,200	1,209	462	C	KU8E	1,045,125	938	375	B
K3ZZ (@ WA3EKL)					N2QT	1,043,040	851	410	C
	1,509,885	1,143	445	C	N3CZ	1,004,670	1,100	305	C
WW3S	1,508,637	1,316	383	B	N3MK	995,715	775	435	C
K4IKM	1,211,301	1,142	357	C	KY5R	963,000	764	428	C
W3KB	1,187,844	1,112	358	B	K4FPF	880,854	990	299	B
K3ND	1,156,644	1,075	361	C	KG4W	866,628	800	362	C
W3EKT	1,148,070	1,016	385	C	W4CU	827,805	869	319	C
N3NA	1,129,110	1,245	305	C	K3KO	824,325	729	379	C
N3ZA	1,103,652	944	396	C	KI4TZ	816,855	774	355	B
N3AM	989,991	956	347	C	W4QN	693,594	693	341	C
K3TN	927,360	927	336	C	N4PQX	621,378	667	311	C
W3KL	824,382	1,022	271	C	K1KO	608,310	768	270	C
W6AAN	817,020	770	356	B	W2YE	593,028	649	306	C
W3OU	646,680	695	317	C	W4JAM	549,606	664	278	C
W3EA	642,240	691	320	C	N6AR	505,575	531	321	C
WA3AAN	536,838	690	262	C	W4VIC	491,724	643	261	C
NA3M	518,610	595	293	C	K4MM	490,158	629	261	B
N3RJ	516,912	735	242	C	W1AJT	452,364	509	298	C
NK3Y	406,122	604	226	B	N3KN	452,115	595	255	C
W3FW	385,920	568	240	C	N4VA	442,890	570	259	B
N3XL	384,750	581	225	C	NS9I	418,803	550	259	B
NE3H	376,320	524	245	C	WT5L	348,867	533	219	B
W3UL	368,808	513	242	C	K4JRA	303,366	467	217	C
W0BR	325,632	428	256	C	W8AV	233,412	740	106	C
K3OO	310,968	621	168	C	NE4M	220,563	390	189	C
W3MF	290,520	365	269	C	W5JR	206,919	278	249	C
KA3BMU	233,058	359	217	B	N4LZ	205,254	362	189	C
W3SQ	217,128	443	166	C	WD4OHD	187,944	332	191	C
W3AG	205,632	361	192	B	N4CU	181,800	311	202	B
K3PG	199,824	366	184	C	W4LT	176,700	399	155	C
K3YDX	181,203	295	209	C	W4PG	173,250	333	175	C
KD3TB	163,680	323	176	B	AA4PP (W9KB, op)				
WR3L	155,964	320	164	B		171,414	338	178	B
K3TUF	116,202	216	181	C	N2TU	169,002	248	229	C
K3VA	99,696	250	134	C	N4DW	166,698	297	189	C
K3FH	78,324	214	122	B	K8KI	155,925	328	165	C
WD3K	76,635	195	131	B	KM4HI	139,500	332	150	C
K3SV	76,260	205	124	C	AD4IE	135,564	300	158	C
K3RMB	74,028	203	124	C	K8YC	129,888	249	176	C
W3WC	70,140	169	140	C	N4NM	127,512	260	168	C
WC3O	65,637	196	117	C	K3MZ	123,930	270	153	B
K3IT	50,172	229	74	B	W4WNT	123,039	229	189	B
NY3A	45,066	206	74	C	K1MIJ	104,193	233	153	C
W3OD	37,524	121	106	B	NF4A	102,531	242	143	C
N1SZ	34,560	120	96	B	W3ZL	96,180	234	140	B
					NN4X	78,540	226	119	C

W4JVN	78,204	198	133	C	N2NS	536,568	637	283	C
K2SD	74,880	208	120	C	K6RIM	528,318	604	294	C
AJ4CG	74,400	206	124	C	K6SRZ	482,886	587	278	C
N4DXI	71,874	203	121	C	K2RD	444,360	535	280	C
NW4V	67,860	174	130	B	KE1BYL	373,269	570	221	C
NY4I	61,701	157	131	C	W6KY	309,993	546	191	B
AA1AR	58,380	140	140	B	K6AAB	181,608	332	184	B
WO4O	56,238	206	91	B	K6IT	181,125	376	161	C
ND4V	51,156	149	116	C	N6NC	177,855	360	167	C
WA0USA	45,144	203	76	C	N6EE	169,635	263	215	B
W4DAS	36,855	135	91	B	K9JM	150,552	333	153	C
KD2JA	33,702	143	82	C	K6TA	146,640	382	130	C
W1MO	33,075	105	105	B	N6ND	145,800	492	100	C
KJ4EX	31,980	130	82	C	W4UAT	125,490	454	94	C
N4GI	31,428	110	97	C	W1RH	121,233	252	161	C
WA3OFC	29,997	104	99	C	N6DQ	120,096	290	139	C
AG4W	17,820	101	60	C	K6GEP	115,506	279	138	B
WU4B	15,096	74	68	B	N6NG	115,344	276	144	B
N4PB	12,045	73	55	C	K3FIV	106,893	326	111	B
W4KPG	11,628	76	51	B	N6AN	91,800	206	150	C
NR4C	10,140	69	52	B	ND6S	86,784	230	128	B
KS4S	7,128	55	44	B	KA6BIM	78,480	330	80	C
N4SR	6,240	53	40	B	N6WK	73,698	177	142	C
WF4W	5,439	49	37	C	N6VH	67,068	243	92	B
AJ4A	3,936	42	32	C	N6MW	64,740	166	130	C
N4FY	1,950	27	25	C	K6LE	58,710	212	95	B
AI4VA	1,794	26	23	B	KI6QDH	55,902	245	77	C
NB4F	1,650	25	22	B	NK6A	55,878	279	67	C
KO4OL	189	9	7	B	WB6L	54,612	250	74	C
<b>5</b>					K6JEB	52,416	184	96	C
K5NA	3,343,464	2,034	552	C	N6ML (@ K6LRG)	36,285	205	59	C
K5WA	2,852,436	1,887	509	C	N6AJR	30,240	148	70	C
K5UV	786,519	851	311	C	KF6A	23,166	201	39	C
AC4CA	761,244	878	292	C	W6SZG	12,780	73	60	C
K5UA	649,938	737	298	C	KE6QR	10,788	119	31	B
W0VX	631,512	717	294	B	KD6WKY	8,514	70	43	C
K5IID	533,673	597	301	B	KZ2V	4,752	49	33	B
K5MV	512,910	625	278	C	NI6T	1,653	29	19	C
WG5J	482,964	488	334	C	NU6T	12	2	2	C
K5GM	390,816	554	236	C	N5KO/6	12	2	2	B
K5XR	359,559	590	207	C	<b>7</b>				
N1CC	297,108	399	252	B	AA7A	2,195,694	1,673	438	C
AA5AU	198,024	299	223	C	K6LL	2,125,761	1,746	407	C
N5MT	196,725	310	215	B	N7XU	1,508,832	1,499	338	C
KE5LQ	156,645	299	177	B	K7UA	1,308,744	1,323	332	C
N7KA	149,961	267	193	C	N7TT	1,191,186	1,555	258	C
NM6E	114,240	225	170	C	KG7H	1,186,575	1,223	325	C
AA5JG	103,635	246	141	B	AB7R	1,069,224	1,210	298	C
AE5PW	101,370	218	155	B	K7WP	1,016,028	1,007	338	C
K5HDU	86,190	226	130	C	W9NGA	1,015,980	1,202	287	C
N5KAE	58,671	161	123	B	K7ZA	706,614	912	262	C
N5VI	53,928	173	107	C	K0TO	534,234	674	269	C
K5BZH	53,742	175	106	B	N3KCJ	509,778	680	254	C
W5IL	41,580	158	90	B	WS7L	409,407	572	239	C
N5JB	29,580	149	68	C	K2PO/7	398,790	643	210	B
K5RA	24,738	137	62	C	K7EG	374,613	654	193	C
WQ5C	12,600	79	56	B	K7ZS	343,557	651	177	C
W5MJ	5,832	55	36	B	W7SW	339,072	891	128	C
W4JHC	5,244	47	38	B	W7RN (K5RC, op)	280,575	442	215	C
W5OV	3,441	38	31	C	NX1P	267,300	501	180	C
W5PR	1,872	26	24	C	K7OX	255,696	774	112	C
<b>6</b>					KE7YF	252,945	389	219	C
N6JV	1,139,040	1,148	336	C	W7WW	244,338	393	211	C
N6WIN	1,031,295	993	349	C	NI5L	237,633	389	209	B
N6QQ	763,776	828	312	C	N3RC	214,452	454	161	C
W6OAT	662,460	728	305	C					

KE7DX	210,684	365	194	B	K9OR	295,728	408	244	B
KN5H	208,626	322	218	C	N9NS	191,520	337	190	C
W7RV	200,718	354	189	B	AJ9C	184,044	317	196	C
W6SA	198,690	376	179	C	K9OZ	181,632	352	176	C
W7ZR	174,528	582	101	C	KB9OWD	159,210	312	174	B
K7LV	171,855	348	171	C	W9LW	156,450	308	175	B
K7VIT	166,800	404	139	C	K9ZM	155,310	312	167	C
N7MAL	165,771	346	163	B	W9VQ	141,120	281	168	B
W2RD	163,878	293	191	B	KB9S	105,435	218	165	C
WX7P	156,009	392	133	C	N9AKR	98,865	199	169	C
NA2U	148,716	308	162	C	K9EN	97,137	252	129	C
W7PP	147,030	293	169	B	KØTQ	90,045	272	115	C
N6SS	129,168	470	92	C	NF9V	86,394	244	119	C
W6NF	108,420	281	130	B	NE9U	81,366	192	142	C
KY7M	65,208	247	88	C	WA9LEY	75,480	187	136	B
W7WHY	62,856	220	97	C	K9SG	65,631	173	131	C
K7OA	46,410	177	91	B	AI9T	53,856	139	132	C
K6KR	45,045	167	91	C	K9GS	45,738	201	77	B
ND8N	27,510	132	70	B	WB9YBI	39,780	134	102	B
KØMP	20,865	108	65	C	W9IIX	31,752	153	72	C
W7SO	15,390	138	38	B	N9GUN	16,590	81	70	B
WA7YAZ	10,152	74	47	B	WB8RFB	9,912	62	56	B
N7CW	9,300	101	31	C	KK9V	6,825	66	35	B
AD7KG	8,460	61	47	C	KA9FOX	6,750	50	45	C
KC7V	7,503	63	41	B	N9DT	6,360	54	40	B
K7RR	5,661	52	37	B	N9BT	6,063	47	43	B
W8OX	1,512	23	24	C	WO9S	2,340	31	26	C
K7AWB	912	19	16	B	NG9R	1,386	23	21	B
N7ZW	432	13	12	B	K9ZT	675	15	15	C
<b>8</b>					NØAT	1,230,978	1,121	371	C
N8TR	1,118,502	817	462	C	KØKX	1,216,224	1,239	328	B
N8MZ	769,872	752	344	C	WAØMHJ	1,010,685	931	365	C
AA8LL	753,246	757	333	C	KØRI	854,148	914	316	B
W8HC	737,289	755	329	C	WØRX	848,592	860	332	C
N8EA	491,571	583	283	B	WØBM	811,512	875	312	C
N9AG	489,684	559	292	B	NCØO	567,954	685	278	C
N4ZR	426,600	600	237	C	NØKK	533,655	612	295	C
K8MEG	343,719	547	211	C	AD1C	369,840	537	230	B
ND8L	297,660	416	242	C	AKØM	363,408	455	268	B
W8TE	292,986	408	246	C	KBØEO	338,364	480	241	C
N8HP	232,050	353	221	B	KØMPH	326,820	429	260	B
WD8S	205,128	424	168	B	NØSM	324,264	499	229	C
KG8CW	138,444	291	166	C	NXØI	323,232	491	224	B
WD8KNC	137,172	340	142	C	KØPC	228,537	379	201	C
W8AN	135,828	299	154	B	W4RK	225,231	394	193	C
N8OC	130,788	256	173	C	KØDG	210,066	327	223	C
WA3PAK	88,200	199	150	B	NØKQ	198,720	366	184	C
W8CZN	80,262	300	91	C	WBØN	191,835	321	203	C
K8ALM	72,237	209	121	C	KØBX	182,013	363	169	C
KØ8Z	38,709	190	69	C	NØHJZ	171,396	277	207	B
N8YO	32,712	117	94	B	NØBK	166,992	286	196	C
AD8W	32,370	134	83	C	KEØA	150,024	387	133	C
AA8IA	28,182	122	77	B	NØUY	138,054	270	173	B
K8ESQ	12,285	65	63	C	KØTG	123,225	265	155	C
KD8GOX	4,116	49	28	B	KØOB	118,737	240	167	C
<b>9</b>					KØPY	117,528	242	166	C
K9NW	3,299,049	2,186	507	C	NYØV	113,652	248	154	C
WE9V	2,092,479	1,520	461	C	KCØVKN	113,544	230	166	C
W9IU	1,856,547	1,589	399	C	WGØM	91,575	192	165	C
K9IMM	1,241,298	1,094	381	C	WØRAA	83,709	227	131	C
K9NR	1,240,470	1,086	385	C	W4ZW	68,139	209	113	C
WE9R	1,231,956	1,129	366	C	KSØT	50,874	140	122	B
N2BJ	887,805	925	327	C	KØMDS	44,616	149	104	B
K9QC	734,754	890	278	C	KØACP	32,994	144	78	B
N9XX	513,150	624	275	B	KØVG	32,574	129	89	C
W3HDH	445,230	587	255	C	KTØNY	26,790	95	94	B
					KØCA	12,675	65	65	C

AAØA	11,832	72	58	C
WØAD	11,700	77	52	C
KØXU	10,416	63	56	B
NRØT	4,788	42	38	C
WØIZL	912	19	16	C

### Canada

VE1OP	2,542,776	2,119	404	C
VA2WA (VA2WDQ, op)				
	2,288,439	1,951	393	C
VE3RTU	2,083,446	1,734	409	C
VE3MMQ	2,074,896	1,634	432	C
VE3CX	1,492,062	1,227	407	C
VE3RZ	1,280,664	1,096	392	C
VE2XAA	1,181,244	1,143	346	B
VA2AM	1,038,996	891	399	C
VE9MCC (VE9HF, op)				
	752,886	910	277	C
VE4EAR	557,136	642	292	C
VE7TG	446,082	610	247	C
VE6TL	290,184	454	214	C
VE7WEB	263,088	528	168	B
VE7CV	244,305	450	183	B
VA3DX	190,809	339	191	C
VE3HG	179,361	276	219	B
VE3XAT	161,568	306	176	B
VE9ML	152,190	277	190	B
VE2BWL	51,414	216	82	B
VE7IO	32,208	177	61	C
VE3CV	14,625	77	65	B
VE3IQ	10,656	79	48	C
VE7DXG	1,935	45	15	B

### Multioperator Single Transmitter

#### United States

<b>1</b>				
N1FD (WB1ADR & K1HI, ops @ WB1ADR)				
	3,149,784	2,356	451	C
KX9X (+ NN1N)				
	2,595,096	2,211	399	C
W1DX (W1AN, WE1H, W1WBB, K1DM, ops)				
	2,318,103	1,873	417	C
WB1Z (KK1W, N1FJ, W1MSW, ops)				
	1,259,094	1,235	346	C
W1TM (+ AK1Q)				
	831,735	915	305	B
<b>2</b>				
K2QMF	4,964,190	3,411	490	C
W2RE (+ WW2DX & AB3CX)				
	1,625,193	1,526	359	C
N2CK	73,710	194	130	C
<b>3</b>				
K9RS (+ W2ID, W2GD, N3DXX)				
	6,572,328	4,012	551	C
W3DQ (+ W2CDO & KE3X)				
	1,608,183	1,393	391	C
N3MX (+ K3YD)				
	818,400	807	341	C
W3CF (+ NN3C)				
	772,260	864	305	B
W3WN (+ W3LE, JESSIE,)				
	39,627	122	111	B

<b>4</b>				
N4WW (+ WF3C)				
	2,892,780	1,969	495	C
W5MX (+ K4FT)				
	1,335,636	1,365	332	C
AD4ES (+ K9ES)				
	465,849	589	271	C
W4AUB (+ N4AU)				
	386,781	576	229	B
K4FT (+ W5MX, K4OH, AJ4A)				
	193,230	345	190	B

<b>5</b>				
K5TR (+ K5OT & K5PI)				
	4,362,876	2,828	522	C

<b>6</b>				
K9YC (+ N6GQ)				
	1,829,124	1,648	372	C
W7DR (+ K6XV)				
	1,717,824	1,575	368	C
NX6T (N6KI, WQ6X, K4RB, WB6NBU, ops)				
	1,117,734	1,224	311	C

<b>7</b>				
NK7U (NIK7U & W2VJN, ops)				
	2,562,390	2,032	426	C
W7DG (KI7Y & K7RF, ops)				
	893,787	1,306	229	C
N7DS (+ NE7D)				
	248,385	578	145	B
W7IWW (+ K7TQM, N7VR, KE7PDK, WN7Y)				
	100,344	301	113	C

<b>8</b>				
K8AZ (+ K8MR, ND8L, W8CAR, W8WTS, WT8C)				
	5,573,880	3,595	520	C
W8LJB (+ K8VT)				
	208,620	386	183	C

<b>9</b>				
K9SD (+ KØJPL, WØTT, KØRAY, WBØSND, NVØR)				
	2,262,627	1,806	423	C
N9FN (+ N9LJX)				
	99,603	222	153	B
NØNI (+ KU1CW, NØAC, NØXR, KØKD, WØFLS)				
	4,871,556	3,170	516	C
WØDLE (+ WBØGAZ)				
	1,656,681	1,413	397	C
KØUK	341,220	535	220	B
KØJE (+ KØJA)				
	177,600	312	200	B
KDØS (+ WDØT)				
	46,782	141	113	C

### Canada

VA7DZ (+ VE7GTU)				
	312,759	603	177	B

### Multioperator Two Transmitters

#### United States

<b>1</b>				
KC1XX (+ DL1MGB, K1TR, N9NC, W1FV, WA1Z)				
	12,145,458	6,662	611	

KB1H (+ K1EBY, K1GX, N1WK, N4XR, NB1U, NR1X, W1UJ)

7,746,690 5,026 518

**2**

W2YC (AA2WN;W2YC, ops)

2,714,916 1,961 466

K2AX (K2AX-N3KR-W2RDS-N3RG-WA2C, ops)

2,449,872 1,955 428

NN2W (AA2MF & NY6DX, ops)

849,720 992 292

**3**

N3RS (+ N2SR, NA3D, N3RD, W7CT, W8FJ)

10,529,847 5,972 591

**4**

W4RM (+ K5VG, ND3D, N3AHA, K4RG, W4NF, W7IY)

7,584,546 4,893 523

WW4LL (+ K1ZZI, K4BAI, N4LR, W9SN, WA2MBP)

6,667,830 4,206 533

K5KG (+ WD4AHZ, N4GI, N4TB, K8DSS)

4,996,986 3,376 499

**5**

K5GO (+ K0NI, K5LG, K5XK, KM5G, N5DX, N5RR)

8,098,926 4,942 554

W5RU (KN5O, K1DW, W5RY, W5XU, ops)

3,322,782 2,309 486

N8OO (+ W5WMU)

1,151,208 1,467 271

**7**

N7AT (K8IA, KC7V, KS5A, K1YR, ops)

4,152,912 2,893 482

**9**

N0IJ (+ N0IM, AF9T, AA0AW)

3,437,964 2,392 486

**Canada**

VE3YAA (VA3DDX, VE3DQ, VE3FJ, VE3KAO, VE3MA, VE3NFR, VE3SSR, ops)

3,815,532 2,950 441

**W/VE Multioperator Unlimited**

K3LR (+ W2RQ, K3UA, N2NC, N9RV, N3SD, N2NT, KL9A, K1DG, N0AX, N3GJ, )

14,298,120 7,396 648

W3LPL (+ K1DQV, W2GG, NY3A, K3KU, K3MM, N3OC, K3RA, K3RV, W3UR, WR3Z, KD4D, K4ZA, AC6WI)

14,042,880 7,368 640

WE3C (+ W3FV, NN3Q, KQ3F, K3CT, KF3B, K3TEJ)

12,295,554 6,720 613

NR4M (+ K1SE, K2WK, KE3X, K4EC, K4GMH, K4OAK, K4ZW, K7SV, KC4D, N2YO, N3UA, WK3W)

11,672,115 6,597 595

KM1W (K1VR, K1XM, K3NA, KT1D, W1FJ, W1KM, W1UE, ops)

11,520,930 6,551 590

NQ4I (+ W4SVO, N4RJ, AA4LR, VE7ZO, K1XX, W4IX, W7FB, W8ZF, W1MD, WA1S, N4FD, W4DD, KF4GT, KB4KBS)

11,330,142 6,219 614

W2FU (+ K2AXX, K2TJ, K0SM, N2CU, K2DB, WB2ABD, N2ZN, K8FC, N2PP, NM2O, WA2TMC)

11,263,596 6,324 599

K1AR (+ K1EA, K1GQ, K5ZD)

10,931,706 6,310 582

K1TTT (K1EP, K1MK, K2WR, KG2A, N2KW, NT2X, NW2Q, W1TO, W1VE, W2GB, ops)

10,065,240 5,815 584

NY4A (AA4FU, K2AV, K4QPL, N4AF, ops)

9,094,554 5,742 534

NR5M (+ NM5M, K5GA, N1XS, NX5M, KG5U, KU5B, K5RT, W0MM, W5ZL, AD5Q)

8,974,056 5,133 587

K0RF (+ K7NV, K0AV, W1XE, W2CO, W2UP, W0UA, W0ZP)

7,003,017 4,192 567

W0AIH (+ AC0W, K0PC, K0AD, KS0T, W0UC, NA0N, NE9U, K0TI, )

3,505,200 2,337 508

NE3F (+ WA3WLH & NG3J)

1,732,212 1,537 387

**DX**

**Single Operator**

**Africa**

**Tunisia**

3V8SS (KF5EYY, op)

105,600 408 88 B

**Tanzania**

5H3/K2GZU

16,218 104 53 B

5H3EE

40,446 325 42 10

**Kenya**

5Z4EE

62,115 207 101 B

**Senegal**

6W/WJ2O

2,368,560 2,878 278 B

**Morocco**

5C5W (CN8KD, op)

642,537 1,462 147 B

CN8YR

70,587 259 93 B

CN2PV

28,044 236 41 40

**Cape Verde**

D4C (YL2KL, op)

439,137 2,486 59 15

D44AC (YL2GM, op)

418,959 2,374 59 20

D44CA (YL2GM, op)

86,112 559 52 80

D44TD

76,950 460 57 160

**Canary Islands**

EA8OM

655,419 1,114 197 B

EC8AFM

45,153 179 87 B

EF8R (EA8CAC, op)

3,840,144 4,297 308 C

ED8A (EA8AY, op)

2,704,656 3,409 268 C

EA8DA

6,396 82 26 10

EA8NC

160,911 959 57 15

EA8/DL3KVR

63,954 420 51 15

EA8NQ

504 14 12 15

EF8S

407,100 2,306 59 20

EA8CNB	1,782	35	18	20	<b>Thailand</b>				
EF8N	292,758	1,658	59	40	E21EIC	4,125	55	25	20
<b>Guinea-Bissau</b>					E21YDP	1,947	60	11	40
J5NAR (HAØNAR, op)					<b>Saudi Arabia</b>				
	112,896	790	48	10	7Z1HL	2,880	43	24	B
<b>Namibia</b>					HZ1HN	1,368	25	19	B
V51YJ	744,000	1,247	200	B	HZ1DG	390	13	10	20
<b>South Africa</b>					<b>Japan</b>				
ZS2NF	50,478	180	94	B	JR4DAH	83,661	354	79	A
ZS1JY	29,925	133	75	B	JH1APZ	46,716	237	68	A
ZS6A	11,400	82	50	B	JA1KEB	35,136	193	61	A
ZS6C	7,011	57	41	B	JK1TCV	29,370	179	55	A
ZS6RJ	43,800	372	40	10	JH1XUZ	26,988	174	52	A
ZS1EL	53,820	349	52	15	JR1NKN	14,520	121	40	A
<b>Asia</b>					JAØVTK	12,423	104	41	A
<b>Azerbaijan</b>					JG1UKW	9,090	102	30	A
4K6FO	5,952	64	31	B	7K1CPT	8,100	102	27	A
4K9W	2,352	51	16	B	JH8DBI	6,438	74	29	A
<b>Israel</b>					JJ5HUD	4,950	67	25	A
4Z5TK	60,960	260	80	B	JM1KLO	1,632	34	16	A
4XØA (4X1VF, op)					JE1ILP	1,596	28	19	A
	3,534	63	19	15	JH3DMQ	1,584	50	11	A
<b>Cyprus</b>					JA4GNK	1,092	26	14	A
H2E	45,198	195	81	B	JG1BGT	9	3	1	A
<b>Kuwait</b>					JH4UYB	726,300	1,354	180	B
9K2HN	3,120	55	20	C	J11RXQ	484,272	1,068	152	B
<b>West Malaysia</b>					JA1BJI	334,851	808	139	B
9M2ADX	9,150	126	25	B	JA2AXB	240,786	645	126	B
9M2MT	7,440	125	20	C	JH7CUO	208,380	608	115	B
<b>United Arab Emirates</b>					JA2CUS	193,911	594	109	B
A65BD	1,596	29	19	C	JHØNEC	190,143	584	111	B
A61BK	231	11	7	C	JS1OYN	128,331	445	97	B
A65CA	378	14	9	40	JF3NKA	108,108	471	78	B
<b>Taiwan</b>					J11ALP	105,198	401	89	B
BV4VQ	252	15	6	B	JA1BNW	96,903	341	97	B
BV1EK	44,943	212	71	C	JF1KWG	60,420	269	76	B
<b>China</b>					JE4MHL	48,180	220	73	B
BA4WI	2,160	46	16	A	JA3UWB	43,362	222	66	B
BA1AI	32,472	250	44	B	JG3CQJ	42,768	226	66	B
BA4SD	2,574	40	22	B	JA1SKE	42,750	199	75	B
BA1KW	4,356	133	11	15	JA3IKG	42,240	223	64	B
BD6JX	2,010	69	10	15	JP1SRG	41,040	182	76	B
BD1RCR	240	10	8	20	JE1RRK	38,979	218	61	B
BD4QA	75	5	5	20	J12MWH	38,016	201	64	B
BG2AUE	7,152	151	16	40	JA3JM	32,835	200	55	B
BY3CQ	759	23	11	40	JA1IZ	30,096	155	66	B
BH1ERB	336	14	8	40	JA7VEI	29,070	171	57	B
BD4WM	315	15	7	40	JAØBJY	28,260	158	60	B
<b>Kyrgyzstan</b>					JE7HYK	27,540	173	54	B
EX8AB	63	7	3	C	JA1AZR	26,847	160	57	B
<b>South Korea</b>					7N2TCF	25,122	160	53	B
HL2CFY	28,545	184	55	B	JA1KEV	24,645	155	53	B
HL5YI	10,800	100	36	B	JH7IXX	24,480	162	51	B
HL5UOG	14,148	131	36	C	JA1CPZ	24,327	164	51	B
HL5JCB	4,071	61	23	C	JA2PFO	23,760	179	45	B
DS5QLJ	1,326	35	13	C	JA2HNP	23,472	163	48	B
DS2XUM	702	26	9	C	JE1LDU	22,608	160	48	B
HL1/WX8C	288	12	8	20	J11HFJ	20,592	158	44	B
					JA9LX	19,890	130	51	B
					JA7AEM	19,080	159	40	B
					JK1OXU	19,080	106	60	B
					JA6FFK	18,972	127	51	B
					JA2QVP	17,202	123	47	B
					JA1OHP	16,896	129	44	B
					J11LAT	16,524	109	51	B
					JG1FKT	16,416	154	36	B



JE3UHV	16,254	129	42	B	JA7BME	533,460	1,052	170	C
JO3JYE	15,318	141	37	B	JA7IC	462,384	1,012	156	C
JA1HG	15,228	111	47	B	JA7COI	401,760	867	155	C
JE8KKX	14,880	124	40	B	JA2XYO	362,235	788	155	C
JA1EMQ	14,706	117	43	B	JH0INP	290,034	749	131	C
JA3AVO	14,688	102	48	B	JA1KVT	195,657	545	121	C
JF7GDF	14,145	119	41	B	JM7OLW	74,898	346	73	C
JR2PAU	13,332	105	44	B	JF2BDK	69,030	357	65	C
JA2KPW	13,320	113	40	B	JA1AYO	56,160	241	80	C
JK1NSR	11,424	120	32	B	JA1OVD	53,628	218	82	C
JS3EOE	11,211	101	37	B	JA6BWH	50,850	228	75	C
JL1JJD	11,172	100	38	B	JL3JTD	49,761	171	97	C
JA1IE	11,136	120	32	B	JA1WWO	41,202	226	63	C
JN3DSH	11,100	100	37	B	JA1HP	41,064	234	59	C
JA8AJE	11,016	110	34	B	JA2VHO	35,145	219	55	C
JR3XEX	10,800	100	36	B	JP1EWY	33,264	177	63	C
JA2KKA	8,667	107	27	B	JA1SJV	32,412	151	73	C
JK1SDQ	8,568	86	34	B	JL1LNC	27,081	179	51	C
JR4PDP	8,091	94	29	B	JA1QOW	27,060	164	55	C
JG3BXS	7,956	78	34	B	JR9GMS	26,970	156	58	C
JJ1LRD	7,812	87	31	B	JH0OXS	26,838	145	63	C
JM1KNI	7,740	86	30	B	JA3DAY	24,480	160	51	C
JA7SSP	7,104	74	32	B	JR2PMT	22,506	125	62	C
JA3VUI	6,954	61	38	B	JH4RUF	21,450	131	55	C
J11AVY	6,912	72	32	B	JA1XS	20,748	133	52	C
JF2OHQ	6,882	74	31	B	JA1HMK	19,890	130	51	C
J11UDD	6,699	77	29	B	JN1WFF	15,930	119	45	C
JR1ATA	6,480	72	30	B	JO4CFV	14,229	97	51	C
JP1HUJ	6,480	72	30	B	JE1REU	10,578	88	41	C
JA4BDY	6,417	71	31	B	JH1NXU	8,316	77	36	C
JE1NVD/7	6,300	72	30	B	JG3LGD	6,696	62	36	C
JA1DCL	5,616	52	36	B	JF1QQK	3,816	55	24	C
JH1DYV	5,226	68	26	B	JE7SOG	1,701	27	21	C
JA3GW	4,836	62	26	B	JA9BGL	936	24	13	C
7K4VPV	4,602	59	26	B	JR3UIC	408	17	8	C
JP2MRD	4,368	56	26	B	JA7OWD	612	34	6	10
JL1NIE	4,356	68	22	B	JH6WHN	108	18	2	10
J11SAI	4,347	65	23	B	JH5GHM/1	96	16	2	10
JG1WNO	4,230	48	30	B	J17NUF	6	2	1	10
J13BFC	3,600	52	24	B	JA7NVF	87,216	643	46	15
JQ2OUL	3,375	46	25	B	7K4XNN	81,540	610	45	15
JA0IND/1	3,300	50	22	B	JM1LRQ	60,720	465	44	15
JA1IWP	3,075	41	25	B	JS1IFK	52,644	433	41	15
JR0EQQ	3,000	50	20	B	JA9CWJ	47,730	373	43	15
JL8MBF	2,850	52	19	B	JA1BPA	43,731	341	43	15
JR4VEV	2,829	42	23	B	JP1QDH	34,542	304	38	15
JG1WKM	2,064	45	16	B	7L4MDM	19,065	206	31	15
JN7KRH	2,040	43	17	B	JP1IXV	9,408	114	28	15
JO3PSJ	1,989	39	17	B	JF3VAX	6,300	86	25	15
JN1IZK	1,935	43	15	B	JJ1GQH	4,599	74	21	15
JR2AAN/2	1,755	41	15	B	JA1CTZ	3,132	59	18	15
JG1KZL	1,584	33	16	B	JO1WIZ	1,890	45	14	15
JA1ANF	1,539	27	19	B	JA3RAZ	1,386	33	14	15
JE1JAC	1,512	28	18	B	JA1KPF	1,044	29	12	15
JF1AZQ	1,440	31	16	B	JN1BBO	360	12	10	15
JR4PMX/1	1,425	25	19	B	J11LAI	273	13	7	B 15
7N4QCQ	1,080	24	15	B	JL7FBV/1	108	6	6	B 15
JA1FRQ	864	18	16	B	JG5DHX	90	15	2	15
7N4CPT	510	17	10	B	JR8VSE	132,012	804	57	20
J13OGI	312	13	8	B	JG7PSJ	70,356	461	52	20
7M2GCW	294	14	7	B	7K4QOK	28,602	228	42	20
JR1AIB (JE1CKA, op)					JH0EPI	18,900	183	35	20
	986,040	1,673	198	C	JA2MOG	11,118	109	34	20
JF1SQC	881,280	1,549	192	C	JA4DQX	3,843	64	21	20
JA7DLE	770,388	1,513	172	C	JA1BFN	3,366	53	22	20
JA2FJP	571,428	1,241	156	C	JR2TMB/1	3,024	50	21	20
JA6LCJ	555,390	1,138	165	C	JK1LUY	2,520	40	21	20

JA6PCH	1,071	21	17	C	20	RK0AB	594	23	9	20
JA1FWY	810	28	10		20	UA0SR	495	15	11	20
JA1PTJ	540	15	12		20	RA0UF	360	12	10	20
7J1AAI (W1NN, op @ JH1GTV)						RW9QA	351	14	9	20
	116,865	807	49		40	R8MC	18,204	151	41	40
JA2IVK	92,871	623	51		40	RU0FM	4,464	98	16	160
JA6SHL	89,232	577	52		40	<b>Kazakhstan</b>				
JA1XMS	71,064	510	47		40	UP2L	47,925	227	71	C
JH6QFJ	22,866	207	37		40	UN6P	17,172	111	54	C
JA2GTW	6,984	99	24		40	UP5P (UN7PL, op)				
JH1FNU	5,451	80	23		40		17,136	120	48	C
JS1NDM	3,969	65	21		40	UP1G	9,462	84	38	C
JR7RZK	2,544	53	16	B	40	UN7ZZ	18	3	2	15
JA3NOJ	2,448	52	16		40	UN9GD	16,731	143	39	20
JA8MXC	2,301	59	13		40	UN5C	720	20	12	20
JO3RCK	2,196	61	12		40	<b>Hong Kong</b>				
JH8FAJ/1	1,512	36	14	A	40	VR2PX	12,558	163	26	40
JJ3MCM	675	25	9		40	<b>India</b>				
JJ7JIH	540	20	9		40	VU2PTT	10,764	92	39	C
JE1NQH	432	18	8		40	<b>UK Sov. Base Areas on Cyprus</b>				
JG1GPY	234	13	6		40	ZC4LI	140,337	509	93	C
JS1BKN	189	9	7		40	<b>Europe</b>				
JA1POS	180	10	6		40	<b>Croatia</b>				
JL2OGZ	120	8	5		40	9A2OU (9A20U, op)				
JA3QOS	72	6	4		40		7,752	76	34	B
JQ1OCR	45	5	3		40	9A3XV	5,376	64	28	B
JE8KGH/7	30	5	2		40	9A7A (9A5X, op)				
JR7HOD/3	3	1	1		40		2,283,810	2,864	269	C
JH1AEP	45,816	345	46		80	9A5Y (9A3NM, op)				
JF3BFS	9,792	139	24		80		117,480	714	55	15
JH1GNU	990	31	11		80	9A4WY	168,258	969	58	20
JH2FXK	8,586	106	27		160	9A5MT	159,384	928	58	20
JA8NFV	3,360	80	14	C	160	9A2MF	5,040	60	28	20
JA1LZR	1,581	32	17		160	9A2L (9A2VJ, op)				
JE1SPY	1,530	36	15		160		158,517	939	57	40
JH7IMX	180	10	6		160	9A6AR	9,570	111	29	40
<b>Turkey</b>						9A2GA	273	14	7	40
TA2ZAF (OK1MU, op)						<b>Portugal</b>				
	39,060	219	60		C	CS5NRA (CT1CZT, op)				
<b>Asiatic Russia</b>							277,965	650	145	B
UA0ZS	19,980	148	45		A	CT1DJE	73,416	273	92	B
RU9WZ	4,350	51	29		B	CS2C (OK1RF, op)				
RA0LL	3,996	74	18		B		4,092,795	4,355	315	C
UA0CMG	1,560	40	13		B	CT2IRY	5,106	47	37	15
UA0OD	1,428	28	17		B	CR6K (CT1CJJ, op)				
UA8WAA	168	8	7		B		222,198	1,328	58	40
RA0FU	853,392	1,569	184		C	CT1ANO	7,476	89	28	40
UA0IDZ	287,760	880	110		C	CT1IUA	26,760	230	40	80
UA0ZAM	151,200	529	96		C	CT1AOZ	9,393	104	31	80
R9DX	121,980	440	95		C	<b>Azores</b>				
RC9O	92,631	411	77		C	CR2A (OH2MM, op)				
RU0LL	67,320	344	66		C		350,991	1,989	59	15
RA0FF	33,540	220	52		C	CR2W	8,649	95	31	80
R0/KE5JA	31,959	208	53		C	CR2X (OH2BH, op)				
UA9TF	5,880	58	35		C		140,892	798	59	160
UA0AGI	5,856	63	32		C	<b>Fed. Rep. of Germany</b>				
RL9I	2,376	33	24		C	DL8LR	16,464	103	56	A
RT9A	2,040	35	20		C	DK1IZ	13,068	99	44	A
RT0Q	4,095	91	15		15	DJ3GE	9,804	76	43	A
RZ0SR	26,334	210	42		20	DJ6FO	9,324	77	42	A
UA0CNX	20,976	193	38		20	DL2MRE	5,472	57	32	A
RA0QQ	5,670	72	27		20					
RA9AE	3,465	55	21		20					
RW0AJ	1,470	35	14		20					
UA0SW	1,365	36	13		20					
UA0SDX	999	37	9		20					

DL3BVA	1,122	22	17	A	DL4MHA	3,264	36	32	B
DK5DQ	526,698	1,014	174	B	DL8UVG	2,709	45	21	B
DL7BY	250,995	586	145	B	DL2AJB	2,646	43	21	B
DK8NT	139,380	406	115	B	DL1AWM	2,376	36	22	B
DL5JS	138,195	417	111	B	DL2DRM	1,767	31	19	B
DF4PD	127,224	343	124	B	DL7VRG	1,728	33	18	B
DF5BM	127,092	358	119	B	DM1LM	1,425	27	19	B
DJ8EW	120,009	371	109	B	DA3T	1,377	27	17	B
DM3HZN	115,920	346	112	B	DL4DQA	1,296	27	16	B
DJ6OZ	113,565	339	113	B	DF5RF	1,014	26	13	B
DL5KUD	98,496	306	108	B	DL4EAX	648	18	12	B
DL2RUG	93,240	298	105	B	DK4US	630	15	14	B
DL3ZAI	84,600	284	100	B	DL2MJ	546	15	13	B
DL5YL	64,944	248	88	B	DL6FBL	3,052,602	3,479	294	C
DD5M (DJØZY, op)					DL2DX	447,564	1,006	151	C
	62,568	241	88	B	DL5KUT	208,104	599	116	C
DL1EAL	57,753	207	93	B	DK2CF	192,240	450	144	C
DJ8UL	54,936	221	84	B	DL4WA	180,600	432	140	C
DL2HBX	50,778	217	78	B	DK5JM	180,576	541	114	C
DL1VJL	48,174	221	74	B	DJ8RS	166,656	453	124	C
DF7JC	48,132	196	84	B	DL1DUO	141,105	413	115	C
DL5CD	42,402	195	74	B	DJ1XT	102,279	332	103	C
DL6OZ	39,312	171	78	B	DD8JJ	96,600	283	115	C
DL5ARM	37,518	174	74	B	DJ5IW	84,600	284	100	C
DL1AMH	37,011	170	73	B	DL6UNF	77,550	277	94	C
DL4VQ	36,849	179	71	B	DL3KUM	74,160	244	103	C
DL8UKE	34,020	143	81	B	DL9ABM	68,904	264	87	C
DH2URF	31,434	172	62	B	DKØSU (DF7SA, op)				
DJ9MH	28,980	141	69	B		63,720	245	90	C
DK9HE	27,144	161	58	B	DL3XM	61,857	237	87	C
DL1RTS	25,992	157	57	B	DK2AT	58,203	226	87	C
DK2DQ	25,296	128	68	B	DL6RAI	53,325	228	79	C
DK3YD	24,765	128	65	B	DL4ME	52,377	225	79	C
DL3KWR	23,790	134	61	B	DL6UHA	50,625	227	75	C
DL3HWM	22,737	144	53	B	DL2IAN	50,244	216	79	C
DL4JYT	21,888	130	57	B	DL1TPY	47,760	203	80	C
DK1FT	21,216	138	52	B	DL2MDU	38,592	204	64	C
DL2AWA	19,344	124	52	B	DL6DCD	27,714	150	62	C
DL7LPH	19,152	114	56	B	DL2VK	23,688	172	47	C
DL5ANS	18,285	116	53	B	DC9ZP	21,402	124	58	C
DJ3XD	18,150	110	55	B	DK3UA	18,792	118	54	C
DL3ARM	16,536	108	52	B	DF6RI	16,764	132	44	C
DL8ZAJ	15,900	100	53	B	DK3AX	16,695	106	53	C
DL2FCA	15,900	109	50	B	DL5DBH	13,818	97	49	C
DK8NI	15,015	91	55	B	DL6DVU	12,915	105	41	C
DL7UXG	13,248	93	48	B	DL2MDZ	12,078	122	33	C
DH8MS	12,696	92	46	B	DJ6TK	3,816	54	24	C
DL5DRM	12,672	89	48	B	DF8AA	1,584	33	16	C
DF1HF	10,836	84	43	B	DL2RTL	300	11	10	C
DL8MAS	10,710	85	42	B	DJ4MZ	20,424	185	37	15
DK1KC	9,717	79	41	B	DL2SWN	13,020	124	35	15
DL3DRN	9,717	79	41	B	DK7GH	10,137	111	31	15
DL1ARD	9,600	80	40	B	DL5RMH	9,792	102	32	15
DM3RB	9,450	75	45	B	DL4AAE	5,304	68	26	15
DM3F (DH5FS, op)					DF3SM	2,565	45	19	15
	9,213	83	37	B	DO6SR	351	14	9	15
DL2SWW	9,009	77	39	B	DK9TN	215,760	1,254	58	20
DF4ZL	8,400	81	35	B	DJ9DZ	103,785	638	55	20
DL1THB	8,295	82	35	B	DKØMM (DJ7IK, op)				
DL2NBY	8,208	76	36	B		101,145	622	55	20
DL2ASB	7,749	65	41	B	DH7KU	100,035	587	57	20
DF9GH	6,831	70	33	B	DL5YM	72,663	473	53	20
DF8XC	6,048	58	36	B	DL3DTH	65,670	402	55	20
DL7UGO	6,018	62	34	B	DL9ZP	47,700	320	50	20
DK4VY	5,610	57	34	B	DJØIF	44,982	297	51	20
DL4SUN	5,040	56	30	B	DL1DXA	21,150	150	47	20
DJ2FR	4,968	70	24	B	DD5KG	20,856	159	44	20

DL9LM	18,582	164	38	20	EA7RM	132,924	841	53	40
DC8SG	10,815	103	35	20	EA5KY	113,700	766	50	40
DL7VMM	6,231	67	31	20	EA2IF	59,796	457	44	40
DF3EH	5,508	70	27	20	EA1FD	10,791	118	33	40
DD1IM	3,150	50	21	20	EC1KR	540	18	10	40
DL5WS	1,632	34	16	20	<b>Balearic Islands</b>				
DK5IM	1,050	25	14	20	EA6ZS	6,264	58	36	B
DL7YEC	312	13	8	20	EA6SX	2,125,032	2,598	278	C
DL2SAX	134,946	840	54	40	EA6UP	27,888	169	56	C
DJ2YE	5,760	80	24	40	<b>Ireland</b>				
DL2ANM	2,520	42	20	40	EI/W5GN	771,210	1,366	190	B
DJ0MDR	94,668	656	49	80	EI4II	138,690	414	115	B
DL6UAA	12,555	138	31	80	EI7CC	60,372	234	86	B
<b>Bosnia-Herzegovina</b>					EI4DW	9,384	70	46	C
E74A	50,895	200	87	A	EI4CF	9,021	99	31	15
E75MC	28,272	154	62	B	EI6KC	8,514	90	33	20
E77R	24,603	142	59	B	EI7KD	41,175	318	45	40
E74WN	24,426	119	69	B	<b>Moldova</b>				
E73PY	19,875	130	53	B	ER3ZZ	390	13	10	B
E73ECJ (E73ZR, op)	6,372	60	36	B	<b>Estonia</b>				
E73MJ	105	7	5	B	ES1WST	3,234	49	22	A
E73W	232,047	1,324	59	20	ES5RR	1,290,495	1,918	227	C
E79D	91,647	618	51	40	ES2BH	24,750	155	55	C
E78CB	9,306	97	33	40	ES2DJ	11,322	76	51	C
E75MJ	3,000	51	20	40	ES2JL	10,920	92	40	C
<b>Spain</b>					ES2MC	69,006	436	53	20
EA7AAW	119,460	363	110	A	ES5DB	1,665	38	15	80
EA1GT	11,070	90	45	A	<b>Belarus</b>				
EA1AER	1,242	23	18	A	EU1DZ	3,432	44	26	A
EA1ND	194,094	538	123	B	EU2MM	73,308	299	82	B
EA1CBX	184,275	458	135	B	EW6CU	54,780	228	83	B
EA4GB	127,464	455	94	B	EW8OW	15,867	127	43	B
EA5DD	95,658	298	107	B	EV6M	240	10	8	B
EA7NW	95,565	281	115	B	EW4AA	318,024	640	168	C
EA5CP	90,846	297	103	B	EW8DX	122,094	404	102	C
EA1AUS	64,746	201	109	B	EU5T (EW2A, op)	121,275	388	105	C
EA4FL	58,548	246	82	B	EU5M	79,242	283	94	C
EA7TL	55,476	201	92	B	EW3LN	55,647	233	81	C
EF5M (EA5FQ, op)	45,084	231	68	B	EW1EA	21,708	135	54	C
EF5R	38,304	171	76	B	EW8DD	8,550	76	38	C
EA4OA	28,416	149	64	B	EW6AF	3,540	59	20	15
EA4KG	22,692	123	62	B	EW8EW	3,498	53	22	15
EA2BD	19,665	119	57	B	EU1DX	45,570	311	49	20
EA1JO	18,480	112	55	B	EW6GF	7,254	93	26	20
EA3GBA	16,854	110	53	B	EU6AF	5,040	71	24	20
EA2SW	16,416	102	57	B	EU1AZ	5,550	74	25	40
EA4DB	2,736	49	19	B	EU3AA	1,425	26	19	40
EA4IE	1,296	25	18	B	EU1A	32,130	265	42	80
EA3FHP	75	5	5	B	EU3AR	8,004	94	29	160
EA7TG	841,716	1,380	206	C	EW8DZ	126	7	6	C 160
EF1A (EA1XT, op)	468,234	904	174	C	<b>France</b>				
EA5YU	228,216	516	148	C	F5UKL	54,720	195	96	A
EA5DFV	118,950	335	122	C	F5ADH	4,089	49	29	A
EA1CS	74,970	248	102	C	F6FDR	110,448	316	118	B
EA7CIX	18,228	125	49	C	F5JU	85,800	277	104	B
EA7GV	11,811	129	31	10	F5OWL	29,700	150	66	B
EA4KD	138,012	876	53	15	F5IAE	28,956	128	76	B
EA2LU	114,348	737	52	15	F8NUH	24,192	149	56	B
EA1JK	1,200	25	16	15	F5AKL	3,600	40	30	B
EA7GYS	117,306	704	57	20	F3WT	675	16	15	B
ED4T (EA4CWN, op)	26,190	197	45	20	TM6X	2,337,426	2,867	273	C
EA7KW	223,839	1,319	57	40	F8CMF	1,927,470	2,759	235	C

F5CQ	446,775	853	175	C	G1N	13,500	127	36	40
F5VV	122,484	351	118	C	G6MC (G3WW, op)				
F/G4BJM	122,148	383	108	C		91,341	599	51	80
F5BBD	75,087	245	103	C	G4A (G4TSH, op)				
F6DDR	59,388	203	98	C		68,544	483	48	80
F5YJ	42,081	170	83	C	G3RLE	1,998	37	18	80
F5IQJ	3,312	49	23	C	M5O (G3LET, op)				
F4FDA	48	4	4	C		52,560	378	48	160
F5OZF	1,428	35	14	10	<b>Isle of Man</b>				
F8AKC	81	9	3	10	GD4IHC	4,200	110	14	B
F8KHF (F8CIL, op)					<b>Northern Ireland</b>				
	101,133	677	51	15	MI0SAI	76,356	256	101	B
F8DYD	231	11	7	15	<b>Scotland</b>				
F9KP	37,596	241	52	20	GM3ZRT	30,744	171	61	B
F5RQQ	4,104	60	24	20	GM3YEH	9,450	91	35	B
F6FTB	2,214	43	18	40	GM3WUX	268,884	692	132	C
F5UL	1,350	30	15	40	MM3N (GM4SID, op)				
F2DX	163,476	970	57	80		108,000	378	96	C
<b>England</b>					GM3NHQ	14,406	102	49	C
G3R (G0DCK, op)					<b>Guernsey</b>				
	64,680	255	88	A	2U0ARE	5,130	57	30	B
G4DBW	39,039	172	77	A	MU0FAL	27,060	206	44	20
G3LHJ	27,072	196	47	A	<b>Wales</b>				
M0SFR	4,050	53	27	A	GW3JXN	124,509	355	121	C
M0CEF	1,782	27	22	A	GW4BLE	231	11	7	10
G6CSY	960	20	16	A	GW3YDX	139,602	890	53	15
G3LIK	135,228	383	118	B	GW6W (GW0ETF, op)				
G3KNU	112,992	356	107	B		172,434	994	58	20
G4WGE	58,473	222	89	B	<b>Hungary</b>				
G3WRR	51,543	208	83	B	HA5BSW	158,469	537	101	B
G4DDX	45,225	204	75	B	HA3MU	104,208	338	104	B
G3GLL	43,032	168	88	B	HA8AR	84,903	315	91	B
G3RSD	39,150	177	75	B	HA8WZ	53,667	201	89	B
G4RHR	33,966	158	74	B	HA1TV	49,140	201	84	B
G4DBX	31,524	145	74	B	HA5UA	28,944	136	72	B
G3UFO	16,317	111	49	B	HA2MN	19,278	129	51	B
G0RRM	14,445	107	45	B	HA4YF	13,230	91	49	B
G3JJZ	10,260	76	45	B	HA3OV	1,620,012	2,135	254	C
M6ZSE	7,770	72	37	B	HA3NU	523,719	1,084	163	C
G2HDR	3,168	47	24	B	HA3OD	87,984	282	104	C
G0MRH	2,829	43	23	B	HA7SBQ	9,360	80	40	C
G6PZ (G10RTN, op)					HG6N (HA6ND, op)				
	2,846,811	3,399	281	C		106,500	713	50	15
G5W (M0DXR, op)					HA8VK	29,760	255	40	15
	2,590,218	3,212	271	C	HG0A (HA5JI, op)				
G0LZL	831,444	1,448	193	C		193,836	1,128	58	20
G4BUE	691,713	1,257	187	C	HG4F	63,648	425	52	20
G4MKP	511,983	1,063	163	C	HA8TP	36,720	258	48	20
G4BUO	225,216	548	138	C	HA7MB	29,808	209	48	20
G3LUW	87,768	286	106	C	HA6P (HA6PX, op)				
G4KFT	82,908	294	94	C		238,392	1,429	56	40
G4HZV	82,056	263	104	C	HG3A (HA3MQ, op)				
G4SGI	67,830	240	95	C		178,584	1,081	56	40
G0MTN	23,712	157	52	C	HG1G	93,978	686	46	40
G0OTT	20,574	127	54	C	HA8IB	66,240	484	46	80
G5E	98,739	628	53	15	HA8WY	4,608	64	24	80
G3UJE	78,768	551	48	15	<b>Switzerland</b>				
M3I (G0ORH, op)					HB9BMY	181,959	471	131	A
	61,488	431	48	15	HB9ARF	181,503	470	129	B
G3XTT	26,280	220	40	15	HB9BGF	16,128	113	48	B
G4MEM	10,500	100	35	15	HB9EHJ	240,240	627	130	C
G3AB	211,356	1,239	57	20	HB9APJ	34,125	176	65	C
G3Y (G3YBY, op)					HB9SVT	7,920	92	30	20
	19,278	155	42	20					
G0VQR	1,734	34	17	20					
G8N (G4CZB, op)									
	18,093	166	37	40					

HB9FAP	243,000	1,359	60	40	IR3WFF	168	8	7	20
HB9CPS	9,720	111	30	40	IK7JWY	161,616	1,042	52	40
<b>Liechtenstein</b>					IR2R (IZ2EWR, op)				
HB0/HB9LCW	43,200	306	48	20		147,420	923	54	40
<b>Italy</b>					IZ3ALF	115,500	708	55	40
IV3AOL	55,890	230	81	A	IZ1MKB	20,760	180	40	40
IK3TZB	21,222	133	54	A	IZ5NFD	10,488	93	38	40
I/W9CF	1,482	26	19	A	IK4JQQ	1,092	28	13	40
IW3ILM	672	17	14	A	IT9SFT	714	18	14	40
I5YKQ	27	3	3	A	IZ4AKO	126	7	6	40
IR1Y	1,770,273	2,495	239	B	IK0FUX	3,675	49	25	80
IZ1GLX	177,243	460	131	B	IK4AUY	390	14	10	80
IK4WMB	120,375	321	125	B	I2WIJ	24,252	189	43	160
IZ3DBA	109,386	362	103	B	I8SAT	12,321	111	37	C 160
IK1JJM	98,649	347	97	B	IK3ORD	2,520	42	21	160
IK0LNN	73,902	228	109	B	<b>Sardinia</b>				
I0ZUT	67,260	237	95	B	IS0HQJ	187,272	602	108	C
IZ2OBS	50,547	209	83	B	IS0XDA	8,640	96	30	20
I2AZ	49,551	200	83	B	<b>Norway</b>				
IK5PVX	49,392	199	84	B	LA1XFA	25,080	158	55	B
IK4RQE	44,055	166	89	B	LA2HFA	23,595	145	55	B
IN3FHE	35,700	170	70	B	LA9DK	11,439	95	41	B
I1ABT	31,950	159	71	B	LA7TO	11,094	92	43	B
IZ0EHL	31,692	144	76	B	LA7SI	4,212	54	26	B
IK1DPA	17,784	106	57	B	LA6DW	3,726	55	23	B
IZ3EOU	17,112	96	62	B	LA8OM	94,464	496	64	C
IZ3KMY	16,800	100	56	B	LA2O	26,208	156	56	C
IK7RVY	14,229	93	51	B	LN9Z (LB1G, op)				
IK2NUX	11,844	85	47	B		150,696	915	56	20
IK1WEG/8	11,466	93	42	B	LA1QDA	12,852	130	34	20
I6FDJ	5,952	64	32	B	LA6VM	45,954	336	46	40
IZ1BZV	5,250	50	35	B	LA3RK	9	3	1	80
IW5EIJ	4,320	50	30	B	<b>Luxembourg</b>				
IZ5ILV	3,744	51	26	B	LX1NO	41,778	211	66	C
I11TO (IZ1DXS, op)					LX7I (HB9CVQ, op)				
	3,567	42	29	B		262,914	1,522	58	40
I0KHP	1,680	28	20	B	<b>Lithuania</b>				
IZ8GBT	1,197	21	19	B	LY3G	5,130	58	30	A
IK2IKW	612	17	12	B	LY2TS	58,320	248	81	B
IZ1MHY	462	14	11	B	LY2N	11,703	83	47	B
IZ0FVD	192	8	8	B	LY2BNL	2,340	39	20	B
I19T (LY4U, op)					LY4T	1,710	31	19	B
	2,485,548	2,958	282	C	LY8O	875,784	1,626	182	C
IZ5EKV	231,537	700	113	C	LY9Y	841,536	1,483	192	C
IZ3GNG	94,050	277	114	C	LY9A	729,594	1,388	177	C
IO1T	55,728	266	72	C	LY1XA	3,933	58	23	15
IT9ESW	48,000	207	80	C	LY2MM	3,762	57	22	15
IR7A (I7ALE, op)					LY5R	143,469	860	57	20
	14,406	98	49	C	LY4G	30,816	217	48	20
IK8YJQ	4,464	49	31	C	LY4BF	3,969	64	21	20
IZ0GXM	4,371	47	31	C	LY5W	129,438	810	54	40
IV3DYS	3,807	49	27	C	LY1G	49,278	396	43	80
IK2AHB	48,840	373	44	15	LY2SA	8,010	89	30	80
IK0EIE	34,560	263	45	15	LY2IJ	17,442	172	34	160
IK2AIT	9,114	101	31	15	LY2OU	858	23	13	160
IZ3NVR	240	10	8	15	<b>Bulgaria</b>				
IZ2CSX	126	7	6	15	LZ2RS	92,400	310	100	A
IZ2FLX	32,928	229	49	20	LZ5XQ	131,625	377	117	B
IK5AFJ	22,500	153	50	20	LZ2FQ	39,312	188	72	B
IT9ORA	9,135	88	35	20	LZ2FM	36,096	190	64	B
IZ8EFD	6,960	82	29	20	LZ1IKY	27,903	140	71	B
IR2ITA (IN3OWY, op)					LZ1DNY	22,140	126	60	B
	5,538	72	26	20	LZ1IQ	15,741	103	53	B
IK5YJK	1,200	25	16	20	LZ1ONK	15,660	122	45	B
IT9IMJ	1,050	26	14	20					
IK2REA	576	16	12	20					

LZ7H	6,624	70	32	B	OK2BNC	3,600	50	24	B
LZ1RN	2,415	35	23	B	OK1ABF	3,519	51	23	B
LZ1DO	1,296	27	16	B	OK2PBF	2,520	40	21	B
LZ9W (LZ2BE, op)	2,417,496	3,106	263	C	OK2SG	143,028	351	137	C
LZ2JR	56,274	229	83	C	OK8DD	127,872	387	111	C
LZ1BJ	43,215	216	67	C	OL4M	98,427	308	109	C
LZ1ZJ	7,236	68	36	C	OK1WF	86,688	351	84	C
LZ1IA	2,451	45	19	15	OK2QA	52,668	228	77	C
LZ1HDA	135	9	5	15	OK2KFK (OK2ABU, op)	44,556	196	79	C
LZ2HR	33,258	245	46	20	OK1AOU	31,968	156	72	C
LZ1GL	35,640	278	44	40	OK1TFH	30,552	156	67	C
LZ1DCD	9,696	101	32	40	OK1FRO	168	8	7	C
<b>Austria</b>					OK2BUT	22,422	203	37	15
OE1H	432	16	9	B	OL8M	19,740	189	35	15
OE2BZL	661,920	1,138	197	C	OK1MBZ	15,429	146	37	15
OE3GCU	168,831	513	111	C	OK1MMN	11,997	129	31	15
OE1BKA	1,350	30	15	B 15	OK2QX	11,832	118	34	15
OE5HIL	2,880	42	24	20	OK2PCL	9,672	104	31	15
<b>Aland Islands</b>					OK2ABU	4,899	71	23	15
OH0X (OH2TA, op)	103,488	637	56	40	OK5AD	3,654	59	21	15
<b>Finland</b>					OL9Z (OK2PVF, op)	190,704	1,112	58	20
OH2BBT	8,925	86	35	A	OK1XC	75,492	481	54	20
OH1B (OH1BOI, op)	36,936	171	72	B	OK2BXE	25,098	181	47	20
OH3HS	3,096	44	24	B	OK2BEW	12,705	124	35	20
OH8X (OH7EA, op)	874,164	1,523	194	C	OK2KOJ (OK2OP, op)	10,212	93	37	20
OH1RX	143,640	373	133	C	OK2BME	8,742	94	31	20
OH2VZ	13,158	102	43	C	OK1JOC	6,132	73	28	20
OH5DA	8,385	66	43	C	OK1JVT	5,460	71	26	20
OH8L (OH8LQ, op)	201,492	1,183	58	20	OK3MO	702	19	13	20
OH5TS	5,310	61	30	20	OK1Z	207,081	1,220	57	40
OH6TN	1,080	25	15	20	OK2BRS	13,056	139	32	40
OH2BO	4,554	67	23	160	OK1UG	8,262	102	27	40
OH3WD	75	5	5	160	OK1MZB	6,480	80	27	40
<b>Czech Republic</b>					OL0W	83,937	573	49	80
OK1FKD	23,580	134	60	A	OL0A (OK1CZ, op)	41,667	328	43	80
OK1DXE	12,672	91	48	A	OK1HGM	31,464	280	38	80
OK1FAO	1,080	24	15	A	OK1VD	24,120	211	40	80
OK1DKR	139,065	365	127	B	OK5XX	4,425	63	25	80
OK1GS	117,810	375	105	B	OK1MCW	612	18	12	160
OK6Y (OK2PTZ, op)	116,085	356	109	B	<b>Slovakia</b>				
OK1BA	108,192	374	98	B	OM3GI	242,352	538	153	B
OK2EA	94,128	299	106	B	OM1II	103,635	331	105	B
OK2SAR	74,385	266	95	B	OM4J (OM4JD, op)	86,700	296	100	B
OK1DKO	72,000	253	96	B	OM7AG	80,556	275	98	B
OK4RQ	71,424	249	96	B	OM7RC	32,913	161	69	B
OK2CLW	68,094	238	97	B	OM7RU	16,920	121	47	B
OK2SGW	66,528	258	88	B	OM8MM	16,356	118	47	B
OK1MKU	59,994	207	99	B	OM2IV	13,365	103	45	B
OK1SI	58,017	236	83	B	OM3BH	2,236,095	2,940	255	C
OK1IBP	50,235	199	85	B	OM7CW	1,634,904	2,361	232	C
OK1AXB	49,980	199	85	B	OM5NL	38,955	267	49	20
OK1HEH	48,822	209	79	B	OM3DX	21,240	180	40	20
OK5SA	42,504	185	77	B	OM3TB	10,368	108	32	20
OK1KZ	36,135	167	73	B	OM5NA	6,975	93	25	40
OK1FCA	24,486	156	53	B	OM0TT	11,328	118	32	B 80
OK2EC	20,010	117	58	B	OM3CDN	3,339	55	21	80
OK2IU	17,985	115	55	B	<b>Belgium</b>				
OK1ZE	17,808	110	56	B	OR2F (ON8LDS, op)	8,742	97	31	A
OK1DUB	8,160	69	40	B	ON7CC	3,600	50	24	A
					ON3ND	60,516	248	82	B

ON5WL	56,682	201	94	B	PA3AAV	54,900	301	61	C
ON8VM	10,296	79	44	B	PA1NL	41,610	195	73	C
ON5JD	9,522	72	46	B	PA3EZC	24,138	152	54	C
ON4VMA	8,214	75	37	B	PAØCYW	13,365	100	45	C
ON4UN	1,306,365	1,882	235	C	PA1XA	9,372	74	44	C
OP1A	129,675	485	91	C	PI4DX (PD1DX, op)				
ON1CB	69,465	429	55	20		3,300	50	22	10
ON4AXU	17,898	161	38	40	PAØMIR	9,999	102	33	15
ON4ALY	7,917	93	29	40	PAØJED	6,720	80	28	15
ON6LY	5,460	65	28	40	PA3S	63,336	423	52	20
<b>Denmark</b>					PA5PR	1,488	31	16	40
OZ8A	1,539	27	19	A	PA1HR	5,328	76	24	160
OZ4FF	37,230	174	73	B	<b>Slovenia</b>				
OZ1JFK	6,090	59	35	B	S5ØA	1,498,068	2,152	234	B
OZ1DGQ	5,742	60	33	B	S59AA	201,402	510	134	B
OU3A (OZ5UR, op)					S57NAW	37,248	197	64	B
	4,698	54	29	B	S51ZJ	19,875	127	53	B
OZ7RQ	172,980	469	124	C	S53MM	1,945,680	2,709	242	C
OZ8SW	117,564	396	101	C	S56A	259,200	602	144	C
OV3X (OZ8AE, op)					S51FB	257,760	726	120	C
	113,982	315	121	C	S5ØBCC (S54O, op)				
OZ7EA	59,148	212	93	C		12,000	100	40	C
5Q2T	12,012	96	44	C	S5ØW (S52OP, op)				
OZ5RM	780	21	13	C		100,800	675	50	15
OZ7AEI	240	11	8	20	S58J	71,280	498	48	15
OZ1NF	792	22	12	80	S52AW	216,108	1,265	58	20
<b>Netherlands</b>					S57U	17,082	146	39	20
PC2F	15,087	109	47	A	S51F	209,670	1,213	58	40
PE2K	13,248	99	48	A	S53F	194,427	1,147	57	40
PA3CWN	12,408	88	47	A	S57Q	189,138	1,118	58	40
PAØRBO	6,771	63	37	A	S51MF	9,984	105	32	80
PA1B	1,440	31	16	A	S51V	61,548	450	46	160
PA2REH	83,628	281	101	B	<b>Sweden</b>				
PAØMBD	76,713	288	91	B	SM7DBN	9,588	96	34	A
PA2W	71,280	265	90	B	SM6Z (SM6BZE, op)				
PG2AA	58,905	259	77	B		72,072	275	88	B
PA3ARM	51,342	200	86	B	SE6Y (SM6DED, op)				
PA2PCH	36,708	165	76	B		46,368	184	84	B
PA3DBS	31,671	210	51	B	SM5CSS	45,084	224	68	B
PAØCMU	27,081	190	51	B	SM6BSK	43,254	179	81	B
PE2JMR	26,325	139	65	B	SM3X (SM3CVM, op)				
PA2CHM	25,893	141	63	B		39,402	202	66	B
PA3CVI	24,255	149	55	B	SK6HD (SM6FKF, op)				
PAØALW	23,616	126	64	B		27,000	152	60	B
PA3GDD	22,743	139	57	B	SM5IMO	21,114	139	51	B
PA3ANN	17,100	118	50	B	8S5A (SM5NAS, op)				
PA5VK (PA5VK, op)						18,966	112	58	B
	13,680	95	48	B	SM7BHM	17,967	115	53	B
PDØHF	13,230	99	45	B	SM7EH	15,300	105	50	B
PC7T	13,095	100	45	B	SF3A (SM3CER, op)				
PD7BZ	12,720	108	40	B		13,200	100	44	B
PA5GU	12,600	100	42	B	SI5Y (SM5BKK, op)				
PA3AQL	10,032	76	44	B		10,434	97	37	B
PAØSKP	8,811	91	33	B	SM3EAE	9,828	91	36	B
PD5LO	8,748	82	36	B	SM5ACQ	9,462	83	38	B
PAØRBA	6,510	74	31	B	SFØD (SMØDSF, op)				
PAØQRB	6,231	68	31	B		6,633	68	33	B
PAØWKI	3,600	50	25	B	SM5DXR	1,512	38	14	B
PAØWYS	2,208	32	23	B	SM7ATL	576	17	12	B
PE3HG	1,674	31	18	B	SM5EPO	319,050	717	150	C
PA1KW	1,296	26	18	B	SM6BGG	218,502	613	122	C
PA1BBO	864	19	16	B	SM5CIL (SM7CIL, op)				
PA5WT	250,920	690	123	C		207,888	570	122	C
PA5TT	150,288	501	101	C	SMØDZB	129,168	620	72	C
PA3GVI	112,161	345	109	C	SM5CCE	91,155	297	103	C
PAØJNH	96,945	284	115	C	SA6G	85,065	270	107	C



SM0BYD	79,083	307	87	C	SP6BAA	20,625	134	55	C
SM5CEU	75,480	300	85	C	SP1MVW	7,584	79	32	C
SM0BSO	68,607	300	77	C	SP2EFU	3	1	1	C
SM5AOG	49,086	204	81	C	SP9H	22,230	191	39	15
SM5D (SM5DJZ, op)					SP4PBI (SP4Z, op)				
	42,849	209	69	C		13,566	134	34	15
SM5DQE	26,622	155	58	C	SN9U (SP9UMJ, op)				
SA1A (SM1TDE, op)						8,787	101	29	15
	22,578	146	53	C	SP9W	7,140	88	28	15
SM6MCW	14,964	87	58	C	SQ9BDN	3,528	57	21	15
SM5COP	13,536	99	47	C	SP5BMU	126	7	6	15
SM5ENX	12,087	80	51	C	SO4M (SP4DEU, op)				
SM6AHU	7,920	71	40	C		104,490	648	54	20
SM3Q	4,611	53	29	C	SP8NR	85,635	522	55	20
SE0X (SM0MDG, op)					SP4BEU	35,568	249	48	20
	6,162	81	26	15	SP3FYX	17,670	161	38	20
SL0W (SM0AJU, op)					SP2FAP	8,424	79	36	20
	64,713	413	53	20	SP9RI	5,913	73	27	20
SM6V	53,091	353	51	20	SQ9JKS	5,310	61	30	20
7S7V	8,370	90	31	20	SP9MZH	1,620	30	18	20
SM0A (SM0AIG, op)					SP4AVG	1,014	26	13	20
	3,276	52	21	20	SP6OJE	45,126	328	46	40
SM2CVH	3,276	43	26	20	SP5ELA	36,894	287	43	40
SM0BDS	1,785	35	17	20	SP5AUY	20,172	164	41	40
SM3AGO	1,512	30	18	20	SP3VT	12,420	143	30	40
SM6LPF	3,312	46	24	40	SP6FJ	5,292	64	28	40
SM6NJK	1,632	33	17	80	SP9JZT	4,560	81	19	40
SK3W (SG3P, op)					SP5LS	528	16	11	40
	420	14	10	80	SN3A (SP3HLM, op)				
						155,439	917	57	80
<b>Poland</b>					SN7Q	137,940	844	55	80
SP6LV	13,083	94	49	A	SN2M (SP2XF, op)				
SP8LXE	1,980	33	20	A		85,305	610	47	80
SP6BXM	324	12	9	A	SP5GH	8,730	98	30	80
SP5DDJ	36	4	3	A	SN9I (SP9EMI, op)				
SP1AEN	121,770	371	110	B		2,898	47	21	80
SO9G (SP9DTE, op)					SP5GDY	2,295	46	17	80
	80,487	278	99	B	SP4GL	627	20	11	80
SP3DOF	69,750	250	93	B	SP5CJY	1,170	26	15	160
SP5CNA	66,306	259	86	B	<b>Greece</b>				
SN5J (SP5JXK, op)					SV2AEL	819	21	13	15
	55,842	230	82	B	SV2HWR	39,816	325	42	40
SQ8LSC	51,168	208	82	B	<b>Crete</b>				
SP9IHP	48,843	202	81	B	SV9/ON6WP	816	18	16	B
SP6IXU	42,600	201	71	B	SV9COL	73,623	264	97	C
SN3B (SQ3JPV, op)					<b>Iceland</b>				
	39,420	182	73	B	TF3CW	211,758	1,226	58	20
SQ6LJV	29,205	178	55	B	TF3SG	726	22	11	80
SP3HC	26,520	172	52	B	<b>Corsica</b>				
SP9GPW	13,608	111	42	B	TK5MH	137,904	888	52	15
SP7FBQ	6,426	66	34	B	<b>Kaliningrad</b>				
SP2DNI	6,237	63	33	B	RN2FQ	13,545	107	43	B
SP2AYC	5,376	57	32	B	UA2FL	20,790	201	35	80
SN6A (SP6CES, op)					RA2FA	63,357	438	49	160
	1,170	26	15	B	<b>European Russia</b>				
SQ5JUP	1,170	27	15	B	RU7A	7,770	70	37	A
SP7CCB	702	18	13	B	R3LA	46,563	194	83	B
SO2O (SQ2GXO, op)					UA3QAM	27,648	145	64	B
	1,769,025	2,586	229	C	RA4ACX	20,790	126	55	B
SO8A (SP8BRQ, op)					UA3DUJ	19,551	133	49	B
	1,675,128	2,390	236	C	UA7G	18,081	123	49	B
SP2LNW	431,892	842	172	C	RV3ZN	17,808	115	53	B
SO2S (SP2QG, op)					RW1CX	15,525	116	45	B
	215,007	485	149	C					
SN3C (SP3ASN, op)									
	129,600	452	96	C					
SP9LJD	65,853	278	81	C					
SP2FGO	47,736	206	78	C					

UA6HFI	15,300	101	51	B	RK6YY	79,560	540	51	20
RU3XY	12,726	101	42	B	RW4PL	34,272	226	51	20
RA6C	12,636	109	39	B	RV2FW/1	26,220	194	46	20
RO5O	11,934	103	39	B	RU5TT (UA3TW, op)				
RU4SO	11,739	91	43	B		20,640	163	43	20
UA3YFL	11,718	96	42	B	RV3F	20,460	159	44	20
UA3DQK	9,450	77	42	B	RM5D	17,388	141	42	20
RM5O	7,560	74	36	B	RA1OT	16,974	140	41	20
UA4AAC	6,912	72	32	B	RN3AC	16,188	144	38	20
R2SA	6,138	67	31	B	UA3VVB	13,392	124	36	20
UA1CUR	3,948	47	28	B	UA1T	11,220	110	34	20
RA6FUZ	3,864	48	28	B	RW1AM	11,211	102	37	20
R3QX	3,762	58	22	B	RT3D	9,408	99	32	20
RQ3M	3,744	50	26	B	RW6AH	8,874	104	29	20
RN4CA	3,696	56	22	B	RT3LA	8,649	95	31	20
RA1TV	3,675	50	25	B	RA6ARI	7,308	87	28	20
RA3XCZ	3,666	48	26	B	RK3LO	5,022	63	27	20
RV6AAA	3,024	42	24	B	RV3YR	4,800	64	25	20
RX6LOL	3,000	41	25	B	RW3XM	4,278	65	23	20
UA3RAX	2,970	48	22	B	RD3PX	3,780	61	21	20
RZ3GV	2,820	47	20	B	UA1ODM	3,672	51	24	20
RO1B	2,625	35	25	B	RM4R	3,036	46	22	20
RT1O/1	1,710	32	19	B	R7MC (UA6NZ, op)				
UA4CNJ	1,653	29	19	B		2,907	52	19	20
RM5Z	1,215	27	15	B	RK4S	2,772	44	21	20
RG5A	972	28	12	B	RW3VA	2,538	48	18	20
RK6AQM	912	20	16	B	RA6MS	1,710	38	15	20
RA3XGY	324	12	9	B	RW3AI	420	14	10	20
RL3F	312	13	8	B	RA3BQ	390	13	10	20
RV6LCI	126	7	6	B	RU4LM	390	13	10	20
RX3AGQ	60	5	4	B	RU3MS	12	2	2	20
R1AL	12	2	2	B	RT5Z (RA3CW, op)				
RG3K	504,474	1,040	166	C		150,696	913	56	40
RM2U (RU3UR, op)					R6MM	51,636	342	52	40
	247,983	640	131	C	RT3M	18,834	148	43	40
RK3ZZ	222,285	512	145	C	R1AZ	1,824	32	19	40
RX3DBH	126,999	418	103	C	RV6LX	1,680	36	16	40
RT3T	93,312	293	108	C	RX6MR	1,104	23	16	40
UA3AGW	89,388	385	78	C	RW4F	825	25	11	40
UA3TCJ	79,431	323	83	C	UA3QQ	726	22	11	40
RA7C	75,060	286	90	C	RD4AAA	315	15	7	40
RA1QD	46,104	228	68	C	UF5F	36	4	3	40
RK6HG	41,850	192	75	C	RA3SI	41,031	307	47	80
RK6CM	37,944	188	68	C	UA6LCN	36,654	304	41	80
RA6MQ	32,616	156	72	C	RF3C	14,688	155	32	80
R5DT	30,504	171	62	C	R3QF	4,026	61	22	80
RW6HJV/4 (RW6HJV/4, op)					RW3LL	756	21	12	80
	30,441	149	73	C	R4II	360	15	8	80
R1AC	23,925	146	55	C	UA4FEN	1,092	26	14	160
RV6YB	14,850	111	45	C	RU6L	966	23	14	160
RM5P	14,214	110	46	C					
UA1NFA	8,262	83	34	C	<b>Ukraine</b>				
UA4PN	8,103	78	37	C	UU2CW	102,690	332	105	A
RL3T	7,770	74	35	C	UT2IV	7,770	76	35	A
RA3NC	6,930	71	33	C	UT5UUV	6,720	66	35	A
R3CW	6,435	66	33	C	UU7JF	4,500	50	30	A
R3KM	6,318	83	26	C	UTØL	63,423	265	81	B
RV3IC	6,156	78	27	C	UT5UIA	53,874	221	82	B
RU4CO	4,620	56	28	C	UY5AA	51,792	213	83	B
UA4LS	3,042	40	26	C	UX7U (UX7UA, op)				
RA6AR	2,709	43	21	C		49,248	219	76	B
RW4NN	2,277	33	23	C	UT4XU	46,398	212	74	B
RA7A	1,479	30	17	C	US7IVW	40,128	210	64	B
RN1NW	810	18	15	C	UT2XQ	31,248	188	56	B
RN1N	60	5	4	C	US5E (UR7EQ, op)				
UA4PAQ	3	1	1	C		26,334	155	57	B
R3VA	1,056	22	16	15	UW2Q (UR6QS, op)				
						26,271	141	63	B

US2IW	25,020	139	60	B	UT0UM	4,158	67	21	40
UT3UZ	22,059	131	57	B	UW1WU	3,960	60	22	40
UX7FC	19,602	124	54	B	US1IV	3,666	48	26	40
UX7FD	19,278	125	54	B	UR3QNV	1,596	39	14	40
UR5KED	19,125	126	51	B	US6IPD	1,581	33	17	40
UY5TE	16,350	110	50	B	US0QG	1,035	23	15	B 40
UX0UW	14,616	116	42	B	UR4IOR	924	22	14	40
UT7QB	13,800	101	46	B	UT7MR	924	22	14	40
UT4ULJ	12,825	98	45	B	UU4JO	540	18	10	40
UU9JK	11,592	96	42	B	UT3EK	360	12	10	40
UT7I	11,088	91	42	B	UR5FCM	27	3	3	40
UT7HM	10,320	86	43	B	UR4IXM	3	1	1	40
UR5EFL	9,000	76	40	B	UT5IM	26,076	224	41	80
UR7ZO	8,160	69	40	B	UX7CQ	7,056	87	28	80
UR5TGK	6,633	67	33	B	UT5ECZ	7,047	88	27	80
UR3PGW	6,210	69	30	B	UX3UV	3,762	58	22	80
UU1JE	4,650	52	31	B	UT7LA	1,872	39	16	C 80
UR8IDX	3,306	38	29	B	US5ELM	150	10	5	80
UT5ULX	3,087	50	21	B	UR5AKU	1,581	33	17	160
US7WW	2,451	43	19	B					
UR5XMM	1,980	33	20	B	<b>Latvia</b>				
US3ITA	1,710	31	19	B	YL2HK	9,120	84	38	B
UR6AJ	990	22	15	B	YL2PN	2,520	40	21	B
UV5U (UX1UA, op)					YL2IP	2,400	42	20	B
	636,120	1,147	186	C	YL3FT	703,296	1,354	176	C
UY0ZG	362,880	765	160	C	YL2SM	508,200	988	175	C
UU5WW	174,924	458	129	C	YL7X (YL2LY, op)				
UZ0U	174,636	469	126	C		271,194	601	154	C
UR5EPG	141,480	395	120	C	YL5T	16,224	104	52	C
UR5AS	106,950	323	115	C	YL5M (YL2UZ, op)				
UX5UO	80,676	334	81	C		16,380	140	39	20
UR8RF	73,968	270	92	C	YL3DX	8,700	100	29	20
UW8SM	52,920	220	84	C	YL2PP	1,008	21	16	20
UT5R (UY2RA, op)					YL2GD	819	22	13	160
	36,354	176	73	C					
UT1AB	28,728	154	63	C	<b>Romania</b>				
UR7GO	25,308	150	57	C	YO4AAC	1,995	35	19	A
UT2UU	23,940	143	57	C	YO8WW	178,500	515	119	B
UR4EI	18,816	114	56	C	YO5OHY	175,278	453	131	B
US8IB	9,555	96	35	C	YO2IS	102,024	329	104	B
UT5EO	6,030	67	30	C	YO5BXI	38,391	198	67	B
UW0K (US0KW, op)					YO3ZA	37,296	174	74	B
	33,792	257	44	15	YO2ARV	32,856	150	74	B
UR2VA	5,544	66	28	15	YO8RAA	14,256	99	48	B
UT3RN	2,850	50	19	15	YO7AWZ	9,585	75	45	B
US8IM	1,944	36	18	15	YO7CVL	7,029	72	33	B
UT3QU	1,785	36	17	15	YO2MJZ	4,176	59	24	B
UT7E (UR5EFJ, op)					YO7ARZ	3,726	54	23	B
	51,255	343	51	20	YO9IGV	1,566	30	18	B
UT7NY	31,443	230	47	20	YP9W (YO9WF, op)				
US1PM	14,148	132	36	20		1,238,400	2,086	200	C
US5VX	10,176	107	32	20	YO3APJ	565,056	990	192	C
UX0HO	8,352	91	32	20	YO4AB	76,680	287	90	C
UR5VR	6,930	79	30	20	YO7DAA	64,032	234	92	C
UR5MM	6,240	67	32	20	YO7ARY	61,938	227	93	C
US7ISE	4,380	74	20	20	YO3FN	9,450	76	42	C
UT7MT	1,785	36	17	20	YO2DFA	6,612	60	38	C
UY5YA	660	20	11	20	YO4ATW	13,152	139	32	15
UW1M (UR5MW, op)					YO5ALI	8,265	97	29	15
	196,824	1,129	59	40	YO4MM	3,402	54	21	B 15
UW5Q (UR3QCW, op)					YO9AFT	444	76	2	15
	154,242	907	57	40	YP5A (YO5CBX, op)				
UX4U	152,874	917	57	40		83,793	532	53	20
UU0JM	151,164	918	57	40	YO8DOH	64,896	418	52	20
UR5IFB	73,776	470	53	40	YO9BPX	27,984	216	44	20
US5XD	20,535	187	37	40	YO2MIL	1,512	28	18	20
UR5WCQ	16,089	178	31	40	YO9BUQ	1,215	27	15	20
					YO7LCB	75,192	490	52	40

YO5AJR	26,568	222	41	40	CO2JD	175,104	1,045	57	40
YQ5Q (YO5PHU, op)					CO6CAC	84,726	552	54	40
	7,047	92	27	40	<b>Martinique</b>				
YP2W	1,920	32	20	40	FM5BH	4,794,984	5,113	316	C
YO4BEW	936	25	13	40	<b>Haiti</b>				
YO8RIJ	495	15	11	40	HH4/AF4Z	20,049	163	41	15
YO8DDP	252	12	7	80	<b>Honduras</b>				
<b>Serbia</b>					HQ5A	2,075,391	2,626	267	C
YU1LM	19,584	131	51	A	HQ9R	113,100	662	58	160
YU2DX	225,330	522	145	B	<b>Grenada</b>				
YU1FG	167,259	443	127	B	J38A (K4LTA, op)				
YT9M (YU1PJ, op)						1,900,464	2,369	274	B
	162,168	475	116	B	J37T (VE3EBN, op)				
YU7FN	14,400	100	48	B		49,608	215	78	C
YU2A	8,775	76	39	B	J39BS	146,574	960	51	10
YU3MMM	5,022	54	31	B	<b>St. Vincent</b>				
YU1AAV (YT1CC, op)					J88DR (G3TBK, op)				
	62,325	286	75	C		3,139,218	3,856	274	B
YU1CC	37,548	153	84	C	<b>Alaska</b>				
YT5N	1,938	34	19	C	KL7AC	80,901	304	89	B
YT7Z (YT7EI, op)					KL7NC	28,800	139	75	B
	32,508	255	43	15	KL7R	1,512	28	18	B
YT4W (YU1DW, op)					KL7AF (KH6SH, op)				
	167,910	982	58	20		2,109,030	2,917	242	C
YT1HA	130,680	795	55	20	AL1G	238,464	869	92	C
YT1A	96,525	603	55	20	KL8DX	195,576	1,125	58	20
YU7KM	24,360	209	40	20	<b>Virgin Islands</b>				
YU1ED	7,425	77	33	20	KP2CW (K6VVA, op)				
YU1M (YU1MM, op)						1,930,896	2,584	253	B
	756	18	14	20	KP2M (KT3Y, op)				
YU1LA	238,032	1,376	58	40		2,066,484	2,382	292	C
YT7A (YU5RA, op)					KV4FZ	117,450	684	58	160
	147,393	946	53	40	<b>Puerto Rico</b>				
YU9DX	126,882	809	53	40	WP3C	4,527,576	4,678	324	B
YT8A (YU1EA, op)					NP3CW	414,120	847	170	B
	33,000	250	44	40	<b>Guatemala</b>				
YU2FG	5,313	78	23	40	TG7/N6HD	1,465,026	1,848	271	B
YU1WS	77,184	549	48	80	<b>Costa Rica</b>				
YT4A	61,695	464	45	80	TI5KD (N2BA, op)				
YT4T	34,428	309	38	80		417,012	2,365	59	15
YU5T (YU1JU, op)					TI2CLX	2,112	33	22	40
	5,040	70	24	80	<b>Montserrat</b>				
YU7RL	2,880	49	20	80	VP2MMM (N3AD, op)				
<b>Macedonia</b>						4,625,370	4,660	333	C
Z35F	26,904	155	59	B	<b>Bermuda</b>				
Z35T	49,404	359	46	15	VP9/W6PH	3,284,715	3,832	287	B
Z36N	38,808	265	49	20	<b>Mexico</b>				
Z36W	184,140	1,125	55	40	XE2YWH	14,418	89	54	B
<b>North America</b>					XE2AC	12,792	82	52	B
<b>Barbados</b>					XE1GZU	5,292	50	36	B
8P3A (VE3DZ, op)					XE1MM	269,451	647	141	C
	5,715,183	5,672	337	C	XE2WWW	81,090	513	53	160
<b>Bahamas</b>					<b>Cayman Islands</b>				
W2VQ/C6A	316,008	697	152	B	ZF2AM (K6AM, op)				
C6ANM	3,480	41	29	B		6,591,912	6,331	349	C
C6APG (K4PG, op)									
	370,107	2,106	59	40					
C6AKQ (N4BP, op)									
	258,552	1,513	57	80					
<b>Cuba</b>									
CO8ZZ	2,378,040	2,998	266	C					
CO6LP	160,440	977	56	15					
CO8TW	70,278	446	53	20					

**Oceania****East Malaysia**

9M6YBG	69,378	381	62	C
9M6XRO	39,060	217	60	C

**Philippines**

N7ET/DU7	18,576	129	48	A
DU1XX	3,570	70	17	C

**Mariana Islands**

KH0/JM2RUV	262,089	592	153	B
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**Hawaii**

KH7X (KH6ND, op)	4,618,548	4,733	327	C
KH6RZ (KH7Y, op)	171,930	531	110	C
KH6CW (K7GQ, op)	127,995	809	53	15
AH7C	41,676	305	46	15
KH6MB	176,760	992	60	80
KH6/WB4JTT	14,040	120	40	80
KH6ZM	91,314	546	57	160

**Papua New Guinea**

P29CW (VK2GR, op)	95,550	357	91	B
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**Australia**

VK2IM	463,287	1,123	139	B
VK2BJ	53,088	226	79	B
VK2PN	16,371	110	51	B
VK4TT	13,524	98	46	B
VK7GN/3	4,950	55	30	B
VK4EMM	794,328	1,451	184	C
VK3TDX	87,204	339	86	C
VK6HG	9,879	91	37	40
VK8AV	4,032	56	24	40

**Indonesia**

YB3XM	40,257	216	63	B
YC3TKH	2,112	33	22	B
YB8EL	1,014	27	13	B
YC1BJX	60	10	2	10
YC2LEV	1,152	33	12	40
YB2EUZ	189	9	7	80

**New Zealand**

ZL3TE (W3SE, op)	36,036	277	44	15
ZL2AGY	84,975	523	55	40

**South America****Trinidad & Tobago**

9Y4/AK5Q	306	112	1	20
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**Chile**

CA3KHZ	78,189	396	67	B
CE3/VE7SV	286,032	1,626	59	10
CE1/K7CA	399,489	2,262	59	15
CE3DNP	152,250	883	58	20
CE3FZ	140,562	830	57	40

**Uruguay**

CX9AU	85,860	535	54	C
CX5BW	284,616	1,634	59	15

**Ecuador**

HC6EP	2,640	45	20	A
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**HD2B (HC2SL, op)**

106,362	631	57	10
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**Colombia**

HK3Q	249,606	583	147	C
HK1AA	139,776	904	52	10
HK1R	416,658	2,374	59	15
HK1N	357,717	2,061	59	20
HK1X	338,220	1,898	60	40
HK1MW	141,930	869	57	80

**Argentina**

AY9F	178,770	511	118	A
LW5EE	387,990	969	135	B
LW1E (LU1EWL, op)	257,022	786	109	B
LW3DG	165,648	478	119	B
LU4VEW	88,992	312	103	B
LW1EUD	36,960	161	80	B
LU1WI	31,752	153	72	B
AY5F	2,836,722	3,519	274	C
LP2F (LU5FF, op)	407,100	2,319	59	C

LU1HF	298,953	1,708	59	10
LU7HN	210,504	1,277	56	10
LW8DQ	114,240	686	56	10
LU7HZ	34,560	261	45	10
LU4ULT	408	18	8	10
LT5X (LU3XQ, op)	34,560	248	48	20

**Peru**

LU5OM	6,003	69	29	80
Peru				
OA4SS	2,209,800	2,920	254	C

**Aruba**

P43JB	155,520	976	54	10
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**Brazil**

PY5MJ	37,209	165	79	A
PY4ZO	9,030	70	43	A
PY2NY	1,271,940	1,995	215	B
PY2NA	448,995	825	185	B
PY1SL	359,073	846	143	B
PY3OZ	246,402	707	117	B
PS7DX	135,360	398	120	B
PY7ZY	45,372	201	76	B
PY1NX	37,620	224	57	B
PY2IU	21,060	122	60	B
PY2ASS (PY2AXH, op)	11,232	79	48	B

PU5AAD	960	21	16	B
PY3GAD	840	20	14	B
PU8TEP	429	13	11	B
PV8AAS	3	1	1	B
PY2NDX	3,837,936	4,340	296	C
PV8DX	2,545,452	3,133	273	C
PV8ADI	379,638	1,057	138	C
PP5JY	156,414	414	131	C
PY7GK	149,592	574	92	C
PP5BK	7,092	618	4	C
PY2MTS	129,924	804	54	10
PY2XB	100,536	572	59	10
PS2R (PY2TI, op)	10,914	107	34	10

PY2YU	275,412	1,562	59	15
PY1ZRT (IV3NVN, op)	213,498	1,234	58	15
PP1CZ	129,033	755	59	15

PP6DX	31,605	249	43	15	UN8GV	1,488	31	16	B
PP5KR	6,003	72	29	15	RW9C	1,395	32	15	B
PV8DR	702	18	13	15	UN4PG	1,302	31	14	C
PY2KJ	28,251	219	43	20	RN0SA	1,152	34	12	B
PY2PT	27,936	197	48	20	4X1WQ	480	17	10	B
PY3AU	22,632	169	46	20	RW0MM	351	13	9	C
PY4LH	17,160	148	40	20	RA9MX	288	12	8	B
PP5AX	11,232	110	36	20	XV1X	144	13	4	C
PY1NB	185,658	1,076	58	40	JA1QGT	126	15	3	C
PT7CG	21,930	172	43	40	UA0SE	96	8	4	C
PY6KY	3,519	51	23	40	RM9RZ	3	1	1	C
PR7AR	46,800	331	48	80					

### Suriname

PZ5P 5,255,892 5,314 332 C

### Venezuela

YV8AD 770,580 1,442 180 B  
YV5JBI 57,246 207 94 C

### Single Operator Assisted

#### Asia

JS3CTQ 1,095,480 1,793 204 C  
JE1LFX 686,103 1,242 187 C  
R0FA 582,582 1,368 143 C  
JF2QNM 522,900 1,181 150 C  
JH1EAQ 517,545 1,090 159 B  
JA2FSM 216,000 588 125 C  
JM1NKT 171,120 499 115 B  
JH4UTP 151,200 514 100 B  
JA6BZI 139,920 432 110 C  
JF2IWL 139,536 467 102 C  
UA0DC 127,380 774 55 C  
JH3AIU 114,912 681 57 C  
JH1DGQ 85,446 290 101 B  
JH7MEX 66,312 312 72 C  
JA6DIJ 65,919 303 73 B  
JA3PYC 35,532 190 63 B  
JE1SGH 34,176 179 64 B  
7L2OHM 30,798 178 58 C  
JN3SAC 27,540 154 60 C  
JA7ZP 23,595 126 65 C  
JA1XRH 22,509 123 61 B  
DS5DNO 21,285 168 43 C  
BD1BYV 20,064 177 38 C  
TA1DX 19,116 118 54 C  
JK2VOC 18,480 140 44 B  
XU7ACY 16,704 124 48 B  
JH3EQP 16,500 127 44 C  
RN9CM 14,766 108 46 C  
JJ4CDW 9,030 86 35 B  
UA9AGX 7,236 69 36 C  
JR2FJC 6,873 79 29 B  
A65BP 6,816 74 32 B  
UP7A (UN7AL, op) 6,750 90 25 C  
JA0NFP 6,390 71 30 B  
JH3GCN 4,830 72 23 C  
HL1VAU 4,422 67 22 B  
JA6SRB 3,672 70 18 C  
RA0AM 2,430 56 15 C  
UA0SAD 2,385 54 15 B  
JE2HXL 2,226 53 14 B  
R9DA 2,142 42 17 C  
RL9AA 1,890 37 18 B  
UA0QBR 1,800 31 20 B  
RM8W 1,710 38 15 C  
JF9JTS 1,704 71 8 C

#### Europe

OK7M (OK1DIG, op) 1,972,542 2,694 247 C  
DF9ZP (DK8ZB, op) 1,806,000 2,436 250 C  
S59ABC (S51DS, op) 1,779,330 2,602 229 C  
S57DX 1,645,665 2,260 245 C  
HG7T (HA7TM, op) 1,494,801 2,170 231 C  
MD2C (MD0CCE, op) 1,481,922 2,123 234 C  
UW2M (UR0MC, op) 1,396,980 2,004 234 C  
OQ5M (ON5ZO, op) 1,389,204 2,043 228 C  
OT2A (ON6CC, op) 1,388,544 2,085 226 C  
F5IN 1,265,544 1,687 252 C  
UU7J (UU4JMG, op) 1,212,372 1,726 238 C  
SN8R (SP8ONZ, op) 1,182,708 2,126 188 C  
PA5KT 1,062,432 1,642 217 C  
EA1WX 1,016,328 1,613 212 C  
G3ORY 998,595 1,715 195 C  
DK2OY 905,895 1,482 205 C  
EI2CN 887,670 1,424 210 C  
YO9HP 850,752 1,349 211 C  
OL60DG 839,280 1,362 208 C  
ON7RU 796,050 1,551 174 C  
HB9TSW 784,080 1,339 198 C  
YL2KO 775,170 1,334 198 C  
OK7Y (OK1FDY, op) 759,594 1,364 187 C  
DL8SCG 708,801 1,256 191 C  
EA5HT 699,936 1,287 184 C  
LY6A 689,508 1,298 179 C  
S52AU 658,179 1,300 171 C  
IK2HDF 634,266 1,015 211 B  
DL5AN 523,962 953 186 C  
F5NBX 498,123 982 171 C  
GI0RQK 496,800 1,160 144 B  
I3VJW 487,008 918 178 C  
EC4CBZ 473,760 967 168 B  
OK2PAY 460,209 862 179 B  
DL2AA 448,650 1,012 150 C  
DL1IAO 447,180 1,034 145 C  
HB9TMW 446,205 991 151 C  
YQ6A (YO6BHN, op) 399,123 739 183 C  
HB9DHG 387,774 1,019 129 C  
G0IVZ 376,884 728 174 C  
SM6CNN 324,324 698 156 C  
DF1LON 318,720 642 166 B  
OK1DCF 309,603 645 161 C

IR4E	279,576	706	132	B	OZ1ADL	87,750	246	125	C
HA5PT	263,736	597	148	C	UY7C	86,814	319	91	B
RN7F	258,867	603	147	C	DK5D (DK5DC, op)				
IC8TEM	253,500	677	130	C		86,736	285	104	B
UX3MZ	249,876	636	132	C	YT1T	86,295	539	55	C
ON4CAS	244,956	602	137	B	YU1AN	85,176	510	56	C
TMØR (F6IRA, op)					S57UN	84,528	592	48	C
	242,382	1,403	58	C	HA3LI	83,106	491	57	C
PG7V	236,919	524	151	B	YU1UN	80,454	512	53	C
IKØYVV	218,592	745	99	C	DJ9RR	75,810	269	95	C
DM2DXA	217,686	514	142	C	PB2JJ	75,225	300	85	B
OM4XA	215,280	525	138	C	RV1CC	73,128	278	88	C
RZ3EM	214,452	489	148	C	OP4A	72,105	442	55	C
DM3PKK	210,546	561	126	B	G4MKR	71,190	227	105	B
OK7K (OK1GK, op)					UX1AA	69,762	302	77	B
	208,278	1,209	58	C	UR5IFX	68,478	239	101	C
DJ6QT	202,725	427	159	C	UTØRM	68,040	255	90	C
SP1NY	202,356	513	132	C	I6FCR	67,962	493	47	C
DJ9AO	201,480	594	115	C	RX6DQ	65,736	270	83	C
EA5KV	184,230	540	115	C	LY2KZ	65,412	240	92	B
EI6IZ	181,545	458	133	C	IK2ANI	65,265	232	95	C
DK9VZ	178,695	1,053	57	C	OK7FL	63,585	480	45	C
PAØLOU	173,160	447	130	C	SF7WT (SM7WT, op @ SM7WT)				
EA5FID	171,990	496	117	C		63,360	241	88	C
EA5FV	170,925	1,091	53	C	UA3MIF	63,123	402	53	C
F5VJC	169,302	411	139	B	OE2M (OE2WPO, op)				
PA1T	168,000	592	100	C		63,030	389	55	C
DL1VDL	167,790	473	119	C	PE7T	62,886	224	94	B
DK7VW	163,875	439	125	C	R7GX	62,790	234	91	C
IKØYUT	155,730	902	58	C	OM8LA	62,640	248	87	B
DK3GI	154,800	405	129	C	EW8KY	62,250	255	83	C
HA6NL	151,890	417	122	B	SP1MHZ	62,211	237	89	B
DL9EO	147,750	397	125	C	EE3J (EA3JW, op)				
I8NHJ	144,708	392	124	B		62,208	445	48	C
PAØO	142,848	378	128	B	UU9CW	61,887	426	49	C
OH2XX	141,588	438	108	C	DJ3CQ	60,114	237	86	B
F6FNL	139,104	417	112	B	DK7ZH	58,794	242	82	B
EA5DKU	138,510	408	114	B	IZ3DVU	58,092	207	94	B
ER3DX	136,998	394	118	B	IK2WPO	57,810	207	94	B
OL5Y	135,582	388	118	C	DK3DUA	56,337	212	89	B
YL2BJ	134,328	782	58	C	S52W	54,327	200	91	B
PF5X	127,995	373	115	C	PA3HGF	54,180	213	86	B
DL1NKS	127,008	394	108	B	DL8UWE	53,922	220	86	B
YU1ZZ	126,021	356	119	B	I7CSB	53,163	184	99	B
SP4Z	124,488	751	56	C	SP6FXY	53,040	209	85	B
DM7C	123,927	413	101	C	IK8UND	52,593	375	47	C
SK2T (SM2LIY, op)					9A2U	51,534	425	42	C
	123,201	352	117	C	9A3TU	49,551	200	83	B
OM8DD	120,756	347	116	B	G3P	46,464	357	44	C
YO4DW	120,528	382	108	C	YP2U	45,990	213	73	B
S5ØR	118,560	766	52	C	HA4A (HA3UU, op)				
EF5Y (EA5GTQ, op)						45,708	301	52	C
	110,664	703	53	C	EA2AZ	45,675	203	75	C
DR4A (DK5PD, op)					UA3DA	44,775	203	75	B
	110,136	710	52	C	ED7D (EA7KJ, op)				
DL4HG	106,362	319	114	C		42,993	283	51	B
DF2LH	97,092	282	116	C	OH6OS	42,180	186	76	C
9A4M	96,768	294	112	C	IZ2DII	41,829	191	73	C
DL6KVA	94,584	567	56	C	IKØTUM	41,796	172	81	B
SM7N (SM7NDX, op)					HA5OO	40,725	182	75	B
	93,765	331	95	B	HA3UU	40,248	316	43	C
PA3EVY	91,350	295	105	C	SM6FUD	39,750	268	50	C
EW1IP	91,083	314	97	B	M7T (G3YYD, op)				
OK6DJ	89,964	309	98	C		39,576	195	68	C
PA4AO	89,700	300	100	B	OH6RE	39,420	181	73	C
EV1R	89,676	323	94	C	TF3DC	39,312	168	78	B
SQ9IDE	89,490	316	95	B	OK2YZ	39,156	258	52	C

HA3OU	39,114	160	82	B	SM2EKA	14,040	92	52	C
IK3SCB	39,006	201	66	C	SM7SJR	13,992	108	44	C
R7NA	37,422	161	81	B	EA2BVV	13,818	100	49	B
DL1DTL	36,567	246	51	B	DLØUM (DL7FER, op)				
SP3BJK	36,312	181	68	B		13,716	127	36	C
DL5ASK	36,225	179	69	C	EA2DK	13,332	104	44	B
RV6ALI	35,868	245	49	C	YO9AGI	13,248	100	46	B
IV3VSN	35,112	156	77	B	UT3UA	13,068	124	36	C
F4DNW	34,959	276	43	C	HA3DX (HA3UU, op)				
OO9O (ON7SS, op)						12,954	128	34	C
	34,932	169	71	B	SM6NOC	12,816	90	48	B
IC8FBU	33,948	247	46	C	SP6IHE	12,768	117	38	B
EA4XT	33,534	141	81	B	LZ3FN	12,408	89	47	C
E71DX	32,850	146	75	B	LY7M	11,340	90	42	C
SP1RKR	32,550	158	70	B	RW2L	10,890	110	33	C
PA4N	32,220	180	60	B	EA4DUT	10,710	111	34	B
UX4FC	31,866	233	47	B	DL8CA	10,692	99	36	C
OM6AL	31,311	156	71	B	DJ7AT	10,200	100	34	B
SK7OA (SM7LXV, op)					SM5T (SM5TSP, op)				
	31,086	163	66	C		9,975	97	35	C
DL1OLI	30,825	142	75	C	ES5TF	9,945	90	39	B
RA3M	29,988	211	49	C	RA3TT	9,792	102	32	C
F8DFP	29,502	151	66	C	DL1DWR	9,720	74	45	B
UA4ALI	28,884	171	58	B	LY2J	9,360	82	39	C
LA8XM	28,830	157	62	C	HA3MG	9,324	86	37	B
EB2RA	28,350	142	70	B	PA4PS	9,288	74	43	B
LY2FN	28,188	265	36	C	OP4B	9,000	76	40	C
DL7CX	27,477	215	43	C	MM3T (GMØELP, op)				
OK1AY	27,435	155	59	B		8,100	91	30	C
EA5EH	27,258	157	59	B	DL6NDW	7,920	80	33	B
IZ1GIP	26,724	132	68	B	RT4W	7,881	72	37	C
UW3U	26,562	234	38	C	F6DZD	7,770	72	37	B
PA2A	26,496	140	64	B	US6EX	7,644	99	26	C
PAØGRU	26,082	144	63	B	LY5D (LY3BY, op)				
SV3RF	25,536	230	38	C		6,399	79	27	B
R7HF	24,696	201	42	C	US3IZ	6,264	88	24	C
DL3TD	24,684	121	68	B	UT3N (UT3NK, op)				
LZ1MC	24,321	124	67	B		6,216	74	28	C
YO9IF	23,616	132	64	C	UA2FT	6,090	71	29	B
OK1DQT	23,484	212	38	C	OK1DX	6,003	69	29	C
HA2VR	23,424	128	61	B	UA3X	5,475	73	25	B
OK2PF	23,058	129	63	B	RU3VV	5,472	76	24	B
DJ3WE	22,860	127	60	C	DO4DXA	5,325	72	25	C
GI4DOH	22,326	124	61	B	SP2MKT	5,226	67	26	B
DL1DBR	22,302	120	63	B	OH2LNH	5,208	59	31	B
SV1DPI	21,960	126	60	C	SP3GTS	5,025	67	25	B
LY2RJ	21,744	152	48	B	UT1IA	5,022	62	27	B
OM5UM	21,717	128	57	B	SQ5M	4,968	73	23	B
DL4FN	21,360	178	40	B	DL9ECA	4,617	58	27	C
UA6G	21,312	151	48	C	ES2MA	4,536	56	27	B
RA3DNC	21,147	136	53	C	DLØMB	4,392	61	24	C
OK2BLD	20,007	118	57	B	EI9ES	4,284	51	28	B
ON7ON	19,665	117	57	C	HA8AAA	4,125	57	25	B
DF2AP	19,278	120	54	B	UX1IB	4,002	59	23	B
DL1YFF	19,152	115	56	C	DJ5QE	3,978	51	26	B
Z35G	18,612	143	44	C	UR3LPM	3,888	48	27	B
EA7MT	18,360	103	60	B	DJ5AN	3,528	51	24	C
SM6NET	18,315	116	55	B	DK4WF	3,510	40	30	B
DK4M (DJ4MZ, op)					UA4FCO	3,306	59	19	B
	17,688	136	44	C	EC3CCX	3,120	40	26	B
EA3NO	17,325	168	35	B	RV4CT	3,078	39	27	C
EA3CEC	17,040	143	40	C	YO9IIF	2,862	53	18	B
PA7RA	16,218	103	53	B	RX3F	2,700	45	20	C
RN3BO	15,972	123	44	C	SM2BJS	2,691	39	23	B
LZ3ZZ	15,390	99	54	B	ES4RX	2,640	44	20	C
DL7URH	14,580	135	36	B	OM8TA	2,451	43	19	C
YO7BGA	14,259	98	49	C	IK2AUK	2,448	34	24	B



UR5MBA	2,394	43	19	C
LZ2ZG	2,220	39	20	C
SM6WET	2,100	35	20	B
DJØTP	2,088	29	24	C
RV5K	1,998	37	18	C
DL1NEO	1,944	36	18	C
HB9DOI	1,938	41	17	B
DL7VAF	1,824	38	16	B
YO5BRZ	1,734	34	17	C
R6CW	1,428	28	17	B
URØIQ	1,395	31	15	C
RX3DBG	1,296	36	12	B
UA6XDX	1,050	25	14	C
R3XAA	975	26	13	B
UY5QZ	810	18	15	B
RA4LW	792	23	12	C
YR5N (YO5PBF, op)	741	20	13	C
S52WW	672	16	14	B
R4NW	621	23	9	C
RA4AI	510	17	10	B
IZØGYP	495	15	11	B
UR9QQ	405	15	9	B
SF5X (SM5EFX, op)	384	16	8	B
LZ1PJ	231	11	7	B
UU3JU	216	9	8	B
SP1MWK	192	8	8	C
OH8CW	168	8	7	C
RC4AC (RA4A-356, op)	147	7	7	B
OH3KAV	120	8	5	B
LZ11RF (LZ1YE, op)	60	5	4	C
DJ5QV	0	0	0	B

#### North America

V31RR (AA4NC, op)	5,286,978	5,179	342	B
KP2B (WP3A, op)	602,820	1,033	197	B
KP2DX (KP2BH, op)	384,615	716	185	B
NP4G	77,550	483	55	B
V31YN	74,094	469	53	C
YS1GR	31,212	153	68	B
KL1JP	13,365	102	45	B
V31TF	8,505	86	35	B
XE1EE	4,473	77	21	B

#### Oceania

NH2T (N2NL, op)	741,195	1,277	195	C
KH6/AA4V	414,180	793	177	C
FO8RZ	232,680	562	140	C
DU1/JJ5GMJ	24,897	196	43	B
ZL1AZE	15,762	148	37	C
ZL3GA	6,882	74	31	B
DV1/JO7KMB	2,544	53	16	B
VK3GK	2,178	36	22	B
VK6DXI	297	11	9	B

#### South America

PW7T (PY8AZT, op)	3,477,669	3,942	299	C
LU5FB (LU1AEE, op)	1,791,204	2,465	244	C
PY2SEX	1,751,640	2,685	220	B

PY4RGS	363,225	741	167	C
LU7YZ	176,490	544	111	B
PY2TIM	148,680	864	59	B
LU3JVO	76,284	496	52	B
CX5TR	73,440	293	85	B
PY2WB	70,620	438	55	B
PY2XC	34,776	258	46	B
PY4XX	33,396	257	46	B
PY2MTV	27,738	137	69	B

#### Multioperator Single Transmitter

##### Africa

CN3A (IK2QEI, IK1SPR, IK1QBT, IV3ZXQ, IV3JCC, IV3BAZ, CN8WW, CN8WK, ops)	4,481,118	4,881	309	C
EA8URL (EA8ZS, EA8AGF, EA8ABEX, EA8AVK, EA8BQM, ops)	2,349,315	3,123	255	C

##### Asia

RWØCWA (RWØCF, RWØCN, RWØCR, UAØCA, UAØCDX, UAØCO, ops)	1,304,100	2,096	210	C
RKØLWW (RAØLSO, RAØLHX, RWØMM, RUØLAX, UAØLFR, UAØLSK, ops)	112,101	487	79	C
RK9CYA (RK9CR & RA9CKQ, ops)	2,106	39	18	C
RZØSZZ (RUØSE & UAØSM, ops)	1,800	42	15	C

##### Europe

TM6M (F1AKK, F5TTU, F8DBF, ops)	4,032,480	4,352	310	C
IR4M (HB9CAT, I4EWH, I4FYF, I4IFL, IK3QAR, IK4DCW, IK4HVR, IK4MGP, IK4UNH, IK4WMH, IV3IYH, ops)	2,966,406	3,508	283	C
E7DX (E7ØT, E71A, E74IW, ops)	2,867,562	3,467	279	C
IR4X (IK2JUB, IK2NCJ, IK2PFL, I4VEQ, IK4DCT, IK4UPB, ops)	2,829,120	3,396	280	C
OE3K (OE1EMS, OE3KAB, OE5OHO, OE3DIA, ops)	2,637,525	3,233	275	C
4O3A (+ 4O4A, 9A3A, YU1YV)	2,444,274	3,097	266	C
OM7M (OK2BFN, OM3PA, OM3PC, OM5RM, OM5RW, OM5MF, OM5ZW, ops)	2,433,168	2,962	277	C
I4LEC (+ IK4NPD, IK4VET, IK4ZGO)	2,312,544	2,855	272	C
DL1A (DJØZY, DJ1YFK, DJ2QV, DJ6ZM, ops)	2,135,067	2,833	253	C
ED3A (EA3ATM, EA3DW, EA3GXJ, EA3NT., ops)	1,754,640	2,459	240	C
GM3W (GM3JKS & GM3SEK, ops)	1,533,249	2,486	207	C
PI4TUE (ON9CC, PA3FGA, PA3GFE, PC5A, PE2HD, ops)	1,464,540	2,240	220	C
OP4K (+ ON4FG & ON5UM)	1,322,880	2,121	212	C
4U1ITU (K1ZZ, PB2T, G3PSM, N4QX, JA1CJP, VA3SB, ops)	1,138,224	2,085	184	C

9A8M (9A3XU, 9A5ADT, 9A7DM, 9A8DX, ops)  
1,119,282 1,879 202 C  
OM3RRC (OM3BY, OM4AA, OM4TQ, OM4WY,  
OM6ARR, OM6MW, ops)  
841,698 1,428 198 C  
IZ2GMT (+ IK2A00)  
831,438 1,574 178 C  
DKØALC (DK7IT, DL1CW, DL8WEM, DO9MN,  
ops)  
719,853 1,403 173 C  
DD1A (DJØLX, HB9BJL, DK2GP, DL1II, ops)  
694,830 1,243 190 C  
OH4A (OH6KZP & OH6LI, ops)  
656,208 1,189 186 C  
SK3GM 629,850 1,112 190 C  
S5ØXX 559,674 1,057 177 B  
OG1M (GØCKV, JK3GAD, OH3WW, OH1VR,  
ops)  
513,315 1,059 165 C  
OH8A (OH8WW, OH8DR, OH8FKU, ops)  
494,088 1,236 136 C  
DK7FP (+ DK7ZT)  
488,061 899 183 C  
UT7L (UY5LW, UR8LA, UR7LY, UR4LTX,  
UR4LRG, UU5AW, UW7LL, ops)  
486,213 988 169 C  
OZ7A (OZ1ETA, OZ1FJB, OZ1IKY, OZ2BRN,  
OZ7AM, ops)  
446,832 883 174 C  
OL1C (OK1IEC, OK1FPQ, OK1JAX, ops)  
374,535 866 145 B  
YR1C (YO4NA, & YO4NF, ops)  
368,328 844 149 C  
DLØVV (DF3OL, DJ3AK, DK1WB, DK6AJ,  
DL9OE, ops)  
283,752 581 168 C  
G4C (GØIBN, G4ZUL, GØDVJ, G4FTP,  
MØZZO, ops)  
255,555 654 135 C  
SC3A (SM3WMU & SM3RAB, ops)  
196,044 537 124 C  
OL2A (OK2PDK & OK2HBY, ops)  
76,467 366 71 C  
HA6KZS (HA6IGM, HA6WT, HA6WW, HA6ZS,  
MEDVECZKI, SZILARD, ops)  
52,851 232 79 B  
UWØL (UR5LJC, UXØLC, UR4LEZ, ops)  
39,618 190 71 C  
DLØMI (DL7YAD & DG1YVL, ops)  
38,925 178 75 B  
SZ1A (SV1DPI, SV1DPJ, SV1ENG, SV1CQG,  
SW1HKZ, SW1KYX, ops)  
21,390 159 46 C  
YR2X (YO2LEA & YO2LGV, ops)  
17,688 140 44 C  
SP9KRT (SP9ADU, SP9UXL, SQ9MLC, ops)  
9,435 86 37 C  
YO6KNY (YO6ADW & YO6DBA, ops)  
7,812 67 42 B  
SN9K (SP9GZQ & SP9MDY, ops)  
5,100 69 25 B  
S59T 2,898 42 23 C  
SP8KEA (SP8LZC, ops)  
741 19 13 B

#### North America

TI5A (N3KS, CT1ILT, NI1N, WX3B, ops)  
6,759,600 6,596 344 C

PJ6A (K4UEE, VE7CT, W6IZT, ops)  
5,586,168 5,731 328 C  
C6AGU (AA7JV & HA7RY, ops)  
5,194,800 5,363 325 C  
XE7S (XE2/N7DD, XE2/W8TK, XE2URF,  
XE2RV, AND, XE2S, ops)  
5,167,248 5,225 332 C  
VQ5D (AC8W, KB8TXZ, N8LJ, ops)  
4,780,215 5,026 319 B  
HI3CC (+ JA6WFM, HI3FVA, HI3EPR)  
3,028,530 3,295 314 B  
KL7RA (+ AL7IF & N1TX)  
2,517,543 3,173 267 C  
NL7Z (+ W3YQ)  
1,204,524 1,777 228 C

#### Oceania

ZM1A (ZL1AIH, ZL1GO, ZL3CW, ZL1BHQ,  
ops)  
2,067,576 2,795 248 C  
T3ØYA (W7YAQ & N7OU, ops)  
1,909,230 2,785 230 B

#### South America

P4ØL (W6LD & WØYK, ops)  
6,669,000 6,534 342 C  
CW5W (LU1FAM, LW4EU, LU5DX, PY3VK,  
CX6VM, ops)  
4,329,369 4,909 297 C  
LS1D (LU3CT, LU8EOT, LW9EOC, ops)  
3,132,360 3,800 280 C  
LU1DZ (+ LU3DAT & LU8DQ)  
1,667,817 2,511 223 C  
PT2ZHA (+ PT2ZUY & PY3MM)  
1,438,770 2,053 241 C  
CE3G (CE3WDD, CE3WDH, ops)  
1,383,321 1,999 233 C  
LU5UBI (+ EA2SS, LU2UF, LU4ULT)  
265,716 680 132 B  
PR7AA (PR7AYE, PR7HR, PR7ZAJ, PR7AB,  
ops)  
150,177 456 113 C

#### Multioperator Two Transmitters

#### Africa

CR3L (DK7YY, DL5AXX, DL5LYM, DL7JV,  
DL8WAA, ops)  
6,540,891 6,626 331

#### Asia

7J1YAJ 1,275,552 2,108 206  
JA1YPA (JA1PEJ, JK2RCP, JG4KEZ, JI6BRB,  
ops)  
1,169,721 2,109 189  
JA1ZGP (JE1BJP, JG1JUX, JG1KHE,  
JG1NFC, JG1ONO, JKITTA, ops)  
720,606 1,478 166

#### Europe

OL4A (OK1FFU, OK1RI, OM5AW, ops)  
3,969,225 4,528 295  
RL3A (RA3ATX, RK3QS, RL3FT, RM5D,  
RV3BA, RV3MA, RU3RQ, UA4HTT, UA3ASZ,  
ops)  
1,442,808 2,102 232  
RT5G (R3GG, R3GM, R5GA, RO3G, RT3G,  
UG3G, ops)  
564,018 1,048 182

RK3XWO (RT5X & UA3XAO, ops)  
44,325 207 75

**North America**

V48M (W2OX, K8NZ, , ops)  
7,614,495 7,467 345

**Multioperator Unlimited**

**Asia**

JA3YBK (JS1PWV, JG3MRT, JH4NMT,  
JR4ISF, ops)  
2,152,434 3,056 239

**Europe**

9A1A (9A5W, 9A6A, 9A7R, 9A8W, 9A9A, ops)  
4,595,790 5,055 307

HG2Ø11N (HA1TJ, HA1DAC, HA1DAI,  
HA1DAE, ops)  
2,908,068 3,678 268

LZ5R (LZ1YQ, LZ1ND, LZ1UK, LZ1JZ, LZ4UU,  
ops)  
2,118,468 2,973 242

UU5A (UU2JQ, UU3JD, UU5DX, UU5JR,  
UUØJX, ops)  
2,304 32 24

OK1JOK 882 21 14

**Oceania**

KH6LC (+ AH6RE, KH6KM, KH7Y, N6DA,  
N6KB, NH6V, W6NV, W6SC)  
7,258,608 7,247 336

**South America**

PJ2T 10,633,140 10,259 348