

2019 CQWW WPX RTTY Contest

Line Scores

Number groups after call letters denote following: Band (A = all), Final Score, Number of QSOs, and Prefixes. An asterisk (*) before a call indicates low power. Certificate winners are listed in bold-face. Late logs are listed in *italics*. (Note that country names and groupings reflect the DXCC list at the time of the contest.)

SINGLE OPERATOR NORTH AMERICA United States-District 1				District 2				District 3				District 4				District 7			
WK1Q	A	4,091,472	1562																
			(OP:K1MK @K1TTT)																
AK1W	*	2,650,428	1374																
WV1K	*	2,646,340	1359																
			(OP:N1IXF)																
K1SM	*	692,265	695																
WX1S	*	423,258	392																
N1MD	*	380,640	507																
NC1CC	*	376,030	578																
AA1O	*	328,950	393																
W1SS	*	306,660	493																
KR1CW	*	257,754	406																
			(OP:W1CTN)																
W1TO	*	242,292	340																
WK1J	*	195,808	339																
N6EE	*	193,050	249																
W2DAN	*	190,292	423																
W1SJ	*	183,920	381																
NV1Q	*	149,730	322																
W1HBR	*	131,202	308																
WA2HIP	*	76,752	231																
NG1I	*	58,875	209																
K1RO	*	51,054	197																
WB1AEL	*	40,341	142																
K3IU	*	31,240	126																
KV1J	14	22,374	172																
*W1ARY	A	415,896	565																
*KB1LR	*	238,854	394																
*KA1C	*	232,440	422																
*NN1D	*	200,859	356																
*W1DYJ	*	161,408	299																
*N1API	*	118,784	232																
*NA1S	*	92,565	209																
*KG1V	*	83,398	216																
*AE1T	*	41,890	153																
*AB1ZO	*	40,710	166																
*AA1SU	*	39,055	154																
*KC1SA	*	36,153	175																
*W1MJ	*	25,245	135																
*WA1N	*	3,520	50																
*K1LHO	*	3,071	47																
*W1ZFG	*	1,296	28																
*K1ECU	*	825	16																
*KJ1J	*	336	14																
*AB1J	14	45,675	180																
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*N1API	*</																		

*VE3CV	*	319,280	404	260		
*VE3LWV	*	233,590	365	235		
*VE3BR	*	147,420	267	162		
*VA3MJR	*	114,570	242	134		
*VE3XNS	*	88,064	213	128		
*VA3WB	*	87,265	215	155		
*VE3SST	*	73,250	202	125		
*VE3FQ	*	71,375	184	125		
*VA3IK	*	63,602	169	118		
*VE3XAT	*	18,960	85	79		
*VE3FZ	*	18,352	93	62		
*VE3SCN	*	10,304	66	56		
*VA3JHQ	*	10,192	74	56		
*VE3FHW	*	4,672	35	32		
*VA3FN	*	1,620	23	20		
*VE3EJ	*	1,380	25	23		
*VE3TM	14	166,852	303	236		
*VE3CWU	*	4,515	51	43		
		District 5				
VE5MX	A	4,748,328	2246	684		
		District 6				
VE6BBP	A	822,120	876	340		
*VA6RCN	A	43,610	158	98		
		District 7				
VA7ST	A	852,192	922	352		
VA7FC	*	429,216	601	272		
VE7IO	*	328,647	498	253		
VA7RN	*	107,172	310	156		
VE7SZ	*	102,672	237	144		
VE7BC	*	18,544	96	76		
VA7KO	*	11,008	68	64		
VE7CC	3.5	305,592	356	214		
*VE7KAJ	A	79,560	243	156		
*VA7MAY	*	45,202	139	97		
		(OP:VA7MM)				
*VE7JMN	*	6,916	61	52		
*VE7BGP	*	4,180	45	44		
		District 8				
VYØERC	A	233,766	348	222		
		(OP:VE1RUS)				
		Costa Rica				
*TI2OY	A	616,050	652	333		
		Cuba				
*CØ6RD	A	865,908	735	359		
*CØ2RQ	*	387,972	394	234		
*CM7OK	*	139,920	214	165		
*CØ2OY	*	125,400	225	165		
*CØ2ER	*	13,216	64	59		
*CØ8BYT	*	2,220	40	37		
*CØ2AJ	14	63,492	203	148		
*CMØNMN	7	135,150	198	159		
		Dominican Republic				
HI8PJP	A	48,972	187	132		
		Grenada				
*J35X	7	421,400	388	245		
		Guadeloupe				
TØ7D	A	413,896	377	266		
		Guatemala				
TG9IN	A	123,349	289	173		
TG9AXF	*	121,635	233	153		
*TG9ANF	A	1,114,232	989	404		
*TG9ADQ	*	159,774	342	186		
		Mexico				
XE1HG	A	500,992	630	304		
XE1EE	14	56,565	206	135		
*XE2FGC	A	241,173	418	211		
*XE2B	*	104,310	242	183		
*XE2YWB	*	98,420	222	148		
*XE2AD	*	73,980	195	135		
*XE2AU	*	48,640	161	128		
*XE1CT	*	46,434	159	109		
*XE1CQ	*	42,210	168	105		
*XE1USG	*	29,216	109	83		
*XE2OK	7	175,440	253	170		
		Puerto Rico				
KP4/K6DTT	A	1,320,042	715	453		
		(OP:K6DTT)				
*KP4JFR	14	11,222	69	62		
*KP3LH	7	369,846	370	243		
		(OP:KP3LR)				
*WP4WW	*	31,600	89	79		
		(OP:KP4JRS)				
		St. Kitts & Nevis				
*V4/W3UL	A	209,145	344	219		
		(OP:W3UL)				
		AFRICA				
		Canary Islands				
EA8DED	A	24,396	91	76		
		(OP:ØH2BP)				
ED8W	14	2,158,180	1202	610		
		(OP:EA8DO)				
*EF8Ø	A	962,340	640	373		
		(OP:DJ1ØJ)				
*EA8PT	*	917,228	650	403		
*EA8AQV	*	170,405	235	173		
*EA8BGO	14	56,573	154	139		
		Ghana				
*9G2HO	14	21,420	91	84		
		(OP:9G5SA)				
		Madeira Islands				
*CT3FW	14	57,288	148	132		
		Morocco				
*5C5W	14	1,573,769	985	541		
		(OP:CN8KD)				
		South Africa				
*ZS6C	A	3	1	1		
		ASIA				
		Asiatic Russia - District 9				
RK9AX	A	1,986,127	975	473		
UC8U	*	876,534	720	417		
RA9AEA	*	716,472	537	321		
RO9A	*	644,385	529	357		
RA9SN	*	187,008	281	192		
RM9I	*	107,164	176	146		
R9CD	14	65,250	161	145		
RT8Ø	*	40,356	132	114		
RK9AY	7	330,052	281	218		
UA9TO	*	2,596	22	22		
*RT9S	A	3,490,368	1386	588		
*RA9AU	*	1,949,360	1070	472		
*RZ9AD	*	1,029,802	685	367		
*R9AAL	*	132,114	223	194		
*RL9I	*	101,260	198	166		
*RK9UE	*	57,984	165	128		
*RK9DO	*	45,500	122	100		
*RZ9UO	*	22,274	99	86		
*UB8QAR	*	1,975	25	25		
*R9SN	14	5Ø8,724	53Ø	356		
*UF8T	*	83,916	191	162		
*RA9AFZ	*	43,440	128	120		
*R8LO	*	12,512	70	68		
*RA9UEP	*	987	21	21		
*RA9MLR	*	363	11	11		
*RC9W	7	3,510	29	27		
		District Ø				
UAØOK	A	240,Ø96	373	246		
RUØLL	*	182,451	349	183		
UAØZK	*	90,576	251	136		
RAØQD	*	62,976	180	128		
RDØA	14	576,459	6Ø1	379		
UCØA	*	388,364	470	316		
UAØSR	*	289,130	404	290		
RMØW	*	132,912	257	208		
RYØA	*	76,500	194	153		
RAØAM	*	23,040	98	90		
RAØFF	7	123,540	191	142		
UAØAGI	3.5	90,972	134	126		
*RWØSR	A	222,410	331	230		
*RØUT	*	114,896	255	167		
*RØCD	*	54,778	211	122		
*UAØZEØ	*	37,044	160	84		
*UAØZC	*	29,853	119	93		
*RØAS	*	12,240	65	60		
*UIØA	*	11,704	63	56		
*RØCK	*	4,847	55	37		
*RØCW	14	74,646	249	143		
*RØØC	*	35,956	175	101		
*RWØAJ	*	15,554	82	77		
*RØSBZ	*	7,980	62	57		
*RAØACM	3.5	12,150	49	45		
*RAØWHE	*	132	6	6		
		Asiatic Turkey				
TA3LK	7	12,936	52	49		
TA4CS	*	3,456	27	24		
*TA7I	A	1,255,680	688	384		
*TA7ØYG	*	826,848	537	319		
*TA4RC	*	65,817	121	103		
*TA4SØ	*	1,908	18	18		
*TA7AL	21	774	19	18		
*TA4PR	14	28,060	1Ø5	92		
*TA7AMF	*	91	7	7		
		China				
BØ3CB	A	227,934	367	2Ø1		
BA7ØT	*	13,420	1Ø7	61		
BG5IFW	14	12,6ØØ	9Ø	66		
BG1DX	7	18,96Ø	72	6Ø		
*BA1PK	A	127,71Ø	256	165		
*BD7ØXR	*	125,664	281	154		
*BØGKWC	*	41,Ø19	152	113		
*BA5AB	*	8,733	48	41		
*BA3MM	14	91,936	238	169		
*BD5BPA	*	19,929	13Ø	73		
*BD4UJ	*	16,685	111	71		
*BØØNNG	7	3,4128	9Ø	79		
*BH4ØUF	*	2,75Ø	32	25		
*BH4WPN	*	2Ø4	6	6		
*BØ6SNJ	*	156	6	6		
		Cyprus				
*H2X	14	427,35Ø	457	33Ø		
		(OP:5B4XLX)				
		India				
VU2DED	A	199,31Ø	276	19Ø		
VU2ZMK	*	95,172	199	154		
VU2IBI	*	35,696	114	97		
*ØT8S	A	48,99Ø	137	115		
		(OP:VU2AE)				
*VU2EEI	*	4,256	36	32		
*VU2DCC	*	225	9	9		
*VU2YQ	14	7,473	54	53		
		Israel				
*4Z5MY	14	264	11	11		
		Japan-District 1				
JF1ØPL	A	976,332	748	413		
JM1XCW	*	724,724	622	364		
JN1THL	*	480,81Ø	511	282		
JA1AVØ	*	323,323	423	247		
JF1LMB	*	219,5Ø4	311	2Ø4		
JH1RFM	*	213,525	3Ø5	195		
JR1EMØ	*	148,789	257	191		
7L4IØU	*	123,5Ø8	244	154		
JA1ØØW	*	116,16Ø	222	165		
JH1ØAI	*	1Ø1,76Ø	2Ø7	159		
JH1CTV	*	94,952	2Ø8	143		
JA15JV	*	92,25Ø	184	15Ø		
JJ1NYH	*	88,992	168	142		
J11TSH	*	15,946	84	67		
JA1WSK	*	14,688	69	54		
JR1BAS	*	13,475	65	55		
JS1NDM	*	5,832	38	36		
JH1XUM	14	81,Ø12	19Ø	157		
7K4VPV	*	67,792	176	152		
JK1LUY	*	6,48Ø	51	48		
JH1BIU	*	555	15	15		
JØ1LFX	7	43,648	111	88		
JA1PIG	*	2,684	22	22		
*JH8KYU/1	A	859,875	672	375		
*7N2UØC	*	33Ø,336	452	248		
*JM1MTE	*	3Ø3,178	382	241		
*JA1IZ	*	1ØØ,566	2Ø9	151		
*JØ1RRK	*	84,96Ø	191	144		
*JF1WNT	*	63,Ø41	168	121		
*JA1SCE	*	61,755	179	115		
*JA1DDZ	*	45,9ØØ	127	1Ø2		
*JH1KYA	*	42,642	124	1Ø3		
*JA1AZR	*	42,Ø85	147	95		
*JA1PCM	*	38,33Ø	128	11Ø		
*J11AVY	*	36,32Ø	1ØØ	8Ø		
*JA1IE	*	33,215	12Ø	91		
*JA1HFY	*	31,3Ø4	14Ø	91		
*JA1XS	*	29,16Ø	111	9Ø		
*JØ1CIV	*	27,666	1Ø2	87		
*7K1III	*	25,425	1Ø9	75		
*7K1PYG	*	24,846	1Ø5	82		
*JA3GZE						

*JA3RAZ	21	570	15	15	*DS5DNO	*	26,588	92	68	LZ4AE	21	1,488	26	24
*JF3PLF	7	32,706	106	79	*D90M	*	5,216	39	32	LZ6Y	14	1,326,378	989	582
*JA3HKR		768	12	12					(OP:HL3AMO)					(OP:L1ZKU)
*JF3BFS	3.5	12,960	86	60	*HL2ASZ	*	336	10	8	LZ2ZG	3.5	63,984	134	124
										*LZ2YQ	A	573,903	565	363
		District 4					Saudi Arabia			*LZ1QV	*	461,856	408	283
JH4UTP	A	1,749,384	1021	504	HZ1TT	7	842,340	487	303	*LZ2ZY	*	386,692	420	277
JN4MMO	*	1,744,642	952	529	*7Z1SJ	7	1,288,468	576	386	*LZ3LZ	*	58,870	168	145
JG4AKL	*	552,874	550	322						*LZ2JA	14	618,412	674	412
JR4CTF	*	98,648	248	152			Singapore			*LZ1NYK	7	396,228	343	267
J14WAO	*	38,500	128	100	*9V1XX	A	98,420	207	140	*LZ5XQ	3.5	845,880	568	371
JR4VEV	7	54,468	110	102			Taiwan					Crete		
*JE4MHL	A	10,452	59	52	BV1EK	A	281,034	438	234	SV9COL	14	62,310	194	155
*JA4ENY	*	6,888	62	42	*BU2EC	A	24,948	117	81			Croatia		
*JA4RWN	*	4,674	44	38	*BV3UF	*	17,821	107	71	9A4WY	14	46,287	150	111
*JA4RMX	14	7,850	58	50	*BU2BE	*	17,181	118	69	9A2NO	3.5	384,616	374	262
*JH4FUF	7	2,808	27	26	*BU2BO	14	12,736	94	64	*9A1CBM	A	380,430	380	270
*JM4WUZ	3.5	2,240	35	28			Thailand			*9A5HZ	*	78,804	165	132
		District 5			HS5NMF	A	291,695	473	227	*9A7KR	*	24,409	90	77
JH5MXB	A	227,908	354	227					(OP:HS5RAST)	*9A6KZH	14	92,752	225	176
JE5JHZ	7	624	12	12	E20WUE	*	45,486	143	114	*9A1FL	7	187,460	243	182
JN5NSR	3.5	1,008	22	18	HS6VW	*	7,332	63	52	*9A9TT	*	175,780	238	187
*JR5XPG	A	119,290	243	158	HS0ZED	14	272,688	399	276	*9A3CJW	*	63,232	155	128
*JH5HDA	*	18,837	76	63	E21YDP	7	405,040	318	244	*9A1AA	3.5	61,180	135	115
*JA5OXV	*	1,280	20	20	*HS5SRH	A	706,768	661	326			Czech Republic		
		District 6			*HS5ZLD	*	10,150	53	50	OL9A	A	7,501,256	2281	868
JA6BCV	A	30,086	109	98	*HS4UEL	*	9,512	78	58	OK1DBE	*	120,300	203	150
JA6BZI	*	2,852	31	31	*HS4HEX	*	8,100	46	36	OK2SG	*	102,336	176	156
*JA6GCE	A	890,967	738	399	*HS6MYW	*	3,534	36	31	OK1DOY	*	82,992	203	152
*JE6TUP	*	7,267	53	43	*HS7WUU	*	2,075	33	25	OK1C	*	42,745	116	103
*JH6WHN	21	8,700	73	58	*E21FYK	14	4,830	46	42	OK6GX	14	44,555	156	133
*JH6QIL	14	41,480	157	122			Vietnam			OK1MSP	7	434,520	357	284
		District 7			XV9ZT	A	44,626	193	106	OK2EQ	*	311,040	313	240
JA7IC	A	688,860	614	356			West Malaysia		(OP:SP2GCJ)	OL4C	3.5	2,907,656	1137	604
JA7ACM	*	577,257	520	317	9M2WAN	A	3,800	36	19	*OK1HEH	A	585,499	507	317
J07KMB	*	223,776	312	216	*9M2TDX	A	33,990	120	66	*OK5NW	*	509,392	462	316
J7GYP	*	107,010	200	145	*9M2MSL	*	4,192	34	32	*OK1PX	*	342,408	355	264
JA7LLL	14	113,876	224	196	*9M2MRS	14	95,654	241	169	*OL0C	*	327,152	348	254
JH7RTQ	*	75,300	198	150	*9W2SAF	7	144,354	188	147	*OK2HFC	*	193,256	274	203
JH7QXJ	*	5,546	48	47	*9M4DXX	3.5	2,000	20	20	*OK2BXW	*	132,834	204	169
JG7PSJ	7	156,880	185	148	*9M2ZAK	*	42	3	3	*OK2VIR	*	112,992	184	176
KJ7CJM	*	1,232	18	14			EUROPE		(OP:JE1SCJ)	*OK2TBC	*	108,576	214	174
*JA7MWC	A	51,584	152	104			Austria			*OK1XGB	*	77,924	184	154
*JA7ZP	*	37,240	129	98	OE5BGN	A	951,048	680	408	*OK1BJ	*	58,179	153	123
*JA7FDA	*	1,155	23	21	OE2LCM	*	610,644	500	337	*OK2BEN	*	57,200	143	104
*JA7HMZ	14	1,456	27	26	OE9GHW	*	303,450	339	255	*OK7KW	*	53,448	154	131
*JR7IWC	*	98	7	7	OE3DXA	*	98,271	216	183	*OK1SI	*	47,672	116	101
		District 8			*OE2E	A	1,605,285	945	495	*OK1SLA	*	38,496	110	96
JA8TR	A	275,157	374	237	*OE1CIW	*	200,644	280	206	*OK4RQ	*	36,860	113	97
JA8KSF	*	250,376	328	238	*OE6STD	*	175,028	252	188	*OL8M	*	25,344	95	88
JA8IDS	21	9,760	69	61	*OE1TKW	*	103,887	185	153	*OK7N	*	12,204	55	54
*JA8DNV	A	28,392	107	84	*OE2IGP	3.5	263,320	296	227	*OL7O	*	7,632	57	53
*JM8FEI	*	19,698	99	67			Balearic Islands			*OK1DRQ	*	3,210	31	30
*JA8CEA	*	4,800	40	40	EA6ZS	A	126,368	222	176	*OK1DRY	*	0	0	0
*JA8KGG	*	2,070	25	23	*EC6DX	*	104,248	211	166	*OK1TFH	14	44,892	158	129
*JK8PBO	14	51,604	154	133			Belarus			*OK6AB	*	2,697	31	31
*JA8UON	7	11,872	61	53	EV1R	A	2,498,903	1167	619	*OK1FIM	*	1,120	21	20
		District 9			EW8DX	*	1,404,222	874	454	*OK2RU	7	677,758	466	349
JA9CCG	A	33,936	127	101	EW8OM	*	511,784	489	296	*OK2UHP	*	160,512	221	176
JA9CWL	14	227,592	316	261	EU6AF	14	21,385	101	91	*OK1PMA	*	60,720	129	115
*JA9LX	A	51,528	154	113	EU4E	3.5	903,000	594	375	*OK2SWD	*	1,596	21	21
*JR9TUG	*	49,714	209	106	*EW4R	A	1,010,391	698	417	*OK4GP	3.5	728,460	504	355
*JH9CEN	*	19,944	87	72	*EU8A	*	749,414	593	367	*OK2HBR	*	484,942	426	289
*JA9EJG	*	12,921	73	59	*EW1NM	*	218,400	326	224	*OK2VW	*	348,634	358	253
		District 0			*EW7A	*	194,670	292	206			Denmark		
JH0ILL	A	113,774	209	163	*EW1P	*	34,823	114	97	OZ30EU	A	2,217,936	1058	574
JH0GHZ	*	47,380	118	103	*EW7BA	14	218,430	362	270	OZ0JD	*	1,889,146	1081	518
JH0MAY	*	29,532	102	92	*EU8F	7	159,456	229	176	OZ1LF	*	95,990	196	145
JA0GCY	14	68,609	175	157	*EW6DM	*	87,680	154	137	OUIE	*	60,770	148	118
*JR0DZH	A	24,124	102	74	*EU6AA	*	2,544	25	24	5P9X	14	250,738	390	283
*JR0BNF	*	21,459	103	69			Belgium			*OZ1DAE	A	641,358	546	321
*JA0BZY	*	18,144	66	63	OT2X	A	229,908	288	204	*OZ1A00	*	208,437	295	201
*JA0BJY	*	13,504	71	64	*ON5GQ	A	1,555,113	980	497	*OZ6AGX	*	127,908	225	171
*JR0GX A	*	6,760	49	40	*OQ40	*	710,520	591	382	*OZ1OX	*	80,730	180	135
*JH0EPI	14	140,239	252	209	*ON4AMP	*	179,139	264	211	*OU0POLIO	*	49,234	125	103
*JA0GCI	3.5	966	21	21	*ON2AD	*	62,238	144	123	*OZ4FF	*	48	4	4
		Kazakhstan			*ON5IA	*	44,550	123	110	*OZ4NE	7	143,936	216	173
UN8PC	A	117,780	200	151	*OP0J	*	26,160	101	80	*OZ1JVX	*	135,538	205	169
UN7JX	*	104,760	164	135	*ON4LY	*	9,344	70	64			England		
UN4Q	14	290	11	10 (OP:UN2G)	*ON6LR	*	3,910	34	34	G2F	A	5,453,461	1863	793
UN4PG	3.5	164,952	191	158	*OQ4B	14	191,439	331	239	M7T		2,485,311	1267	597
*UN6TA	A	394,305	423	291	*ON4CT	7	357,760	342	260	Gx4RFR	*	1,862,217	1077	501
*UN7ZAF	*	359,660	373	245	*ON6FC	*	111,000	194	148	G0HDV	*	386,100	419	270
*UN5GV	*	67,456	176	136	*OR2A	*	67,440	139	120	G1SCT	*	284,325	346	255
*UN6LN	14	548,595	535	365			Bosnia-Herzegovina		(OP:ON1DX)	G4LPD	*	123,695	215	173
*UN7LV	*	201,663	316	231	E7TT	7	620,816	461	322	M2G	*	117,018	265	198
*UN7PGA	*	68,912	177	146	*E78T	A	461,244	448	289			Denmark		
*UN7EG	*	45,486	136	126	*E73KM	*	218,348	297	221	G3PXT	*	108,696	218	168
		Lebanon			*E74EB	28	24	4	4	G0PHO	*	46,830	122	105
*OD5YA	7	633,920	411	280	*E74HJ	7	82,844	160	139	G3PHO	*	37,673	111	101
		Mongolia			*E77EA	3.5	724,880	533	340	M0OIO	*	30,798	109	87
*JT1YL	14	1,690	29	26	*E77D	*	70,750	151	125	G3WYW	*	30,294	109	99
*JT1DN	7	22,168	75	68			Bulgaria			G4RRM	*	10,920	69	65
		Republic of Korea			LZ5K	A	6,206,922	2032	822	G4CTY	*	7,084	47	44
HL5YI	A	46,400	121	100	LZ1QZ	*	195,104	292	208	M3I	14	24,411	109	103
HL2WA	*	12,688	62	61						M0UNI	7	287,364	290	231
HL4CEL	*	1,863	27	23						G4PIQ	*	209,280	242	192
*HL2ZED	A	137,229	327	149								(OP:G00RH)		
*HL2CFY	*	101,232	239	144										
*DS4GOR	*	44,826	116	93										
*HL4CCM	*	44,547	119	93										

MX0SNB	*	16,120	62			*UA3UBT	*	34,578	117	102	DH8WR	*	884,730	630	385			
					(OP:M0TAZ)	*RA3V	*	24,153	98	83	DL9GTB	*	864,612	590	438			
*G4NBS	A	568,575	492	315		*R3AIR	*	23,433	85	73	DL3DWB	*	734,400	544	408			
*G1P		389,776	425	272		*R3OR	*	19,844	99	82	DL9NCR	*	727,334	597	359			
					(OP:M0IEP)	*R3DCB	*	16,906	83	79	DL4CF	*	725,085	596	369			
*G4OZG	*	385,792	420	274		*R3PW	*	16,008	68	58	DL1NEO	*	715,806	492	399			
*G7WHI	*	381,762	403	254		*RK2M	*	13,832	70	56	DK9ETM	*	699,999	575	353			
*G4HBI	*	343,886	384	278		*RW3ADB	*	12,017	67	61	DK2LO	*	665,808	507	388			
*M0ORD	*	333,105	368	265		*RW3Z	*	8,232	50	49	DJ9KM	*	659,088	564	368			
*M0IHT	*	326,688	385	249		*RX3MM	*	6,966	49	43	DL4ME	*	657,030	573	330			
*M0TOR	*	239,547	342	231		*RA3THN	*	12	2	2	DL2SWW	*	618,345	560	315			
*G0HGH	*	234,048	310	212		*R5ACQ	14	276,318	438	301	DF6VQ	*	500,220	482	315			
*G4DDL	*	204,624	297	203		*RX3ASQ	*	240,992	410	272	DF1LON	*	439,485	394	353			
*G0CKP	*	196,730	260	191		*R3LC	*	36,176	140	119	DK6QC	*	431,750	430	314			
*M1SJE	*	142,680	240	174		*RA3LJ	*	20,646	105	93	DK1LRS	*	422,085	428	285			
*G4SGI	*	136,650	250	194		*RQ2Q	7	316,712	320	244	DL5ST	*	392,460	394	310			
*G4WGE	*	130,383	234	169		*UA3YCX	*	46,852	120	106	DF5BX	*	377,804	403	262			
*G3YCH	*	125,430	222	185		*UA5F	3.5	271,200	299	240	DL5YM	*	345,150	411	295			
*G3SNU	*	96,228	191	162		*RA3QH	*	23,100	80	75	DJ2YE	*	320,045	387	253			
*G0C	*	89,082	188	147							DF2LH	*	248,148	301	226			
					(OP:G0CER)						DJ8EW	*	246,240	295	240			
*2E0YAO	*	87,822	175	153		R4HC	A	2,335,632	1146	591	DK2AT	*	193,556	295	212			
*G8GHD	*	86,655	193	159		RA4HL	*	1,037,330	869	406	DL1DAW	*	153,126	242	181			
*G8NRY	*	83,049	190	141		RA4LW	*	156,146	264	202	DL1STG	*	151,508	249	196			
*G4NDM	*	77,629	191	149		UB4W	*	77,274	206	162	DJ2IA	*	148,200	244	200			
*G4IDF	*	71,280	147	132		*RW4S	A	1,056,555	859	443	DL9DAN	*	136,644	245	193			
*G0HEU	*	70,144	179	137							DG7JB	*	129,130	219	185			
*G4BWP	*	59,930	136	130		*UA4HJ	*	453,312	534	288	DG8KAD	*	125,044	212	172			
*G6EES	*	59,169	149	121		*RX4HD	*	273,600	376	240	DF2RG	*	118,851	207	173			
*G4ZVB	*	54,918	139	113		*RU4PH	*	265,370	361	238	DL5RMH	*	116,960	213	170			
*G4SJK	*	46,176	122	104		*RA4FUN	*	214,656	208	104	DL8RDL	*	112,832	176	164			
*G0OOD	*	41,856	129	109		*UC4I	*	140,010	251	195	DL6DJ	*	111,054	209	166			
*M0DPK	*	32,968	120	104		*UA4WJ	*	53,856	157	132	DL5ZK	*	109,032	201	154			
*G3VMY	*	28,365	109	93		*R4CI	*	40,643	129	97	DA0T	*	108,232	209	166			
*G4GMS	*	28,336	99	88		*R4WT	*	27,528	114	93	DF3VM	*	103,656	219	168			
*G8VPE	*	25,179	80	77		*RN4HAB	*	2,160	28	27	DL3XM	*	101,712	173	156			
*G3KNU	*	24,910	115	94		*RU4LM	14	102,588	225	206	DL5JAN	*	84,825	178	145			
*M0TKM	*	16,965	77	65		*UA4SJO	*	63,896	192	163	DJ5IWI	*	81,390	164	130			
*G3RTU	*	10,920	60	56		*UA4WGM	*	25,724	118	109	DL5QS	*	66,270	154	141			
*M6YTU	*	10,920	74	65		*RK4S	*	11,658	73	67	DL1LOD	*	55,814	143	118			
*G0WWD	*	10,266	65	59		*RA4L	*	8,645	67	65	DL4ABR	*	50,511	135	113			
*G3OMB	*	9,450	50	45		*RU4I	3.5	297,600	319	248	DK8ZZ	*	44,464	141	112			
*G0MTN	*	6,674	50	47							DJ2YA	*	39,270	107	102			
*M6RSB	*	4,320	38	36							DL5ASK	*	38,955	115	105			
*M0MPM	*	2,550	25	25		R7CD	A	2,257,232	1288	568	DK3AX	*	36,380	133	107			
*M7P	21	2,844	38	36		UA6CE	*	1,684,164	934	586	DL1DBR	*	25,315	97	83			
					(OP:G6NHU)	RA7M	*	147,169	242	187	DH6DAO	*	21,128	80	76			
*G8X	14	519,870	562	390		R7RIB	*	46,360	152	122	DF3IS	*	16,600	91	83			
					(OP:G4FJK)	RV6ASU	*	690	16	15	DL7CX	*	3,080	29	28			
*G3Y	*	25,544	113	103		RW6CR	*	4	1	1	DL3BQA	14	575,331	602	389			
					(OP:G3YBY)	UC6N	14	363,747	497	339	DL1DIT	*	286,431	400	307			
*G4NXG/M	*	5,220	46	45		RA6GW	*	280,088	428	314	DM6DX	7	2,298,772	942	551			
*M0DVB	*	1,200	25	24		*R7MM	A	1,599,520	990	520	DL9EAH	*	189,336	265	196			
*G2W	7	552,598	451	293		*UC6A	*	1,386,232	939	482	DJ5TT	*	43,884	112	106			
					(OP:G4DBW)	*RW7M	*	960,300	811	396	DL7LX	*	8,190	46	45			
*G4ZOB	*	295,868	314	229		*RT6DI	*	532,684	536	326	DM5JBN	*	5,712	34	34			
*2E0CVN	*	199,200	248	200		*RQ7R	*	464,970	506	330	DF8XC	3.5	1,342,692	777	453			
*2E0LXE	*	171,250	149	125		*R7BN	*	331,724	409	254	DP6A	*	182,508	238	201			
*G3L	*	43,200	117	96		*R7NZ	*	330,000	397	250							(OP:DL80H)	
					(OP:G3LHJ)	*R7KBV	*	209,880	304	220	DK7ZT	*	109,392	192	159			
*G6N	3.5	334,158	349	249		*R6LAG	*	169,761	291	213	DL9NDV	*	62,678	143	121			
					(OP:G0GDU)	*UD7G	*	120,032	216	176	*DL3SYA	A	1,365,210	882	462			
*M6BIR	*	147,060	225	171		*R7LY	*	100,646	210	158	*DL1FCU	*	676,985	575	355			
						*RX6ACJ	*	54,240	147	120	*DL1ZBO	*	553,419	525	309			
ES1BH	A	Estonia	146	119		*RJ7J	*	46,848	137	122	*DL4ZA	*	516,461	476	319			
*ES5RY	7	50,813	496	379		*RW6APC	*	43,670	131	110	*DL5ARM	*	509,020	490	310			
						*RT6DX	*	40,479	143	131	*DR7T	*	455,040	387	288			
						*R6KEE	*	38,280	138	120							(OP:DF1DN)	
						*RA6AAW	*	14,625	68	65	*DL6SFR	*	431,262	416	291			
											*DM2RM	*	426,288	423	321			
											*DL6NWA	*	403,480	424	308			
						*RA6LIS	14	115,200	284	200	*DL4PT	*	400,078	445	287			
						*R7MT	*	59,055	180	155	*DF3EH	*	364,958	415	313			
						*R7MU	*	3,827	45	43	*DL2RNF	*	350,244	418	282			
						*RA6C	7	518,562	440	297	*DF0SX	*	344,896	388	272			
																	(OP:DL1CW)	
						*UA9XL	A	208,260	351	260	*DL3DRN	*	331,002	385	259			
						*R8XF	14	174,947	337	251	*DJ2AX	*	315,018	372	258			
						*RA9XSL	*	774	20	18	*DL1EAL	*	284,260	345	244			
											*DH6HB	*	237,000	316	237			
											*DL2KWA	*	216,736	299	208			
						*TA1BX	14	12,118	97	83	*DM5WH	*	207,360	315	192			
											*DG2BWG	*	198,171	287	227			
											*DL1NHW	*	192,720	284	220			
						DR1D	A	Fed. Rep. of Germany	1493	669	*DR2BJT	*	187,800	280	200			
											(OP:DK4EE)		171,094	258	202			
						DP6M	*	3,206,245	1281	707	*DK2WU	*	160,816	255	184			
											(OP:DK9IP)		158,415	240	177			
						DM5TI	*	2,514,642	1211	626	*DK6IM	*	155,701	240	203			
						DK0EE	*	2,179,710	1110	598	*DB8AH	*	150,696	244	184			
											(OP:DL4MDO)		145,054	243	182			
						DL5JS	*	2,001,072	996	564	*DF7JC	*	142,870	244	182			
						DQ1P	*	1,908,007	976	563	*DM2025C	*					(OP:DG7EE)	
											(OP:DK1IP)							
						DR7B	*	1,657,370	989	494	*DF2WF	*	142,692	248	188			
											(OP:DL2JRM)		140,336	221	179			
						DK1FW	*	1,611,039	911	527	*DH1TST	*	119,852	217	166			
						DL0HMK	*	1,602,255	966	479	*DL1RTS	*	119,064	215	164			
											(OP:DF2HN)		103,520	208	160			
						DL5AXX	*	1,402,569	774	543	*DJ7UC	*	103,125	205	165			
						DK1KC	*	1,220,247	807	441	*DG5MLA	*	97,614	197	153			
						DH0GHU	*	1,162,544	703	452	*DK4IO	*	96,876	194	162			
						DF4XX	*	1,138,079	754	467	*DD5MA	*						

*DJ9MH	*	66,960	157	135	*OG4M	*	26,481	107	97	*TF2MSN	*	9,633	63	57
*DK7TY	*	65,340	153	135	*OH8GET	*	16,048	75	68	*TF3AO	14	10,880	73	68
*DG3FAW	*	63,222	148	123	*OH6XY	*	576	13	12					
*DL7UGN	*	62,375	140	125	*OH2BEN	7	138,510	199	171					
*DB2KT	*	60,180	148	118	*OH1FFN	*	8,742	47	47					
*DJ1MM	*	60,112	146	136	*OH2ECG	*	4,224	33	33					
*DK3PM	*	60,060	141	140										
*DL9ZWG	*	60,016	150	121										
*DF4ZS	*	58,250	151	125										
*DL3FBB	*	56,088	150	123										
*DM5SB	*	54,992	137	112										
*DL4KW	*	53,340	136	127										
*DF5EM	*	45,360	129	105										
*DK1AUP	*	37,878	120	107										
*DL4HCF	*	37,835	134	115										
*DM3PKK	*	36,360	114	101										
*DO9ST	*	35,908	105	94										
*DL4MFM	*	34,592	111	94										
*DL6RBH	*	32,736	109	93										
*DL1JPF	*	31,960	107	94										
*DL9FB	*	31,929	103	87										
*DF1LX	*	30,728	101	92										
*DL1EHG	*	29,580	102	85										
*DL2GMK	*	26,631	111	99										
*DL5ALW	*	25,800	80	75										
*DO4WLL	*	25,200	89	80										
*DL3OH	*	24,518	91	82										
*DC2CB	*	23,660	100	91										
*DL5GAC	*	22,517	99	89										
*DL5JBW	*	22,436	94	79										
*DF2UA	*	22,240	90	80										
*DK9MH	*	22,000	95	88										
*DM6CS	*	21,680	89	80										
*DM2DLG	*	21,141	91	81										
*DL1DXF	*	19,390	80	70										
*DK8EY	*	18,954	93	78										
*DL8LDN	*	18,278	88	74										
*DL6FBK	*	15,246	71	66										
*DM5DX	*	14,465	64	55										
*DL1EJD	*	14,144	73	64										
*DL2ART	*	13,979	70	63										
*DL1DQJ	*	13,570	59	59										
*DL0LN	*	11,968	74	64										
					(OP:DC2CB)									
*DK5TX	*	11,872	60	53										
*DK4EF	*	8,360	51	44										
*DK9ZE	*	7,968	49	48										
*DL4APJ	*	7,546	55	49										
*DL1ONI	*	7,335	49	45										
*DL8ARJ	*	2,424	24	24										
*DJ6TB	*	1,656	24	23										
*DH2WQ	*	1,024	16	16										
*DO7ES	*	988	20	19										
*DL8ULF	*	901	18	17										
*DL3EBQ	*	517	11	11										
*DL1STV	*	108	6	6										
*DH7SA	14	208,475	335	269										
*DL3KVR	*	160,035	294	235										
*DF4WC	*	133,760	273	209										
*DL4FCH	*	113,629	247	199										
*DM7ØGER	*	33,858	125	114										
					(OP:DJØMY)									
*DL1AKL	*	26,300	123	100										
*DL2BQV	*	18,228	98	84										
*DL5AWI	*	16,590	84	70										
*DL1FMG	*	5,355	55	51										
*DL1THB	*	2,541	39	33										
*DG1HXJ	*	1,674	31	27										
*DF1AN	*	702	18	18										
*DG9AK	*	100	10	10										
*DL5KUD	7	296,000	302	250										
*DL2HYH	*	258,970	270	235										
*DL8ZU	*	223,992	277	204										
*DL1SO	*	50,328	124	108										
*DM7CW	*	33,852	99	91										
*DL2ZA	*	32,508	98	86										
*DL9NEJ	*	20,160	75	70										
*DL2LDE	*	10,028	48	46										
*DC6MT	*	24	3	3										
*DF1MM	3.5	901,600	613	400										
*DO1ISE	*	169,600	245	200										
*DO2XX	*	7,820	51	46										
Finland														
OH30J	A	1,988,466	1132	543										
OH1Z	*	1,459,758	942	446										
					(OP:OH1LEG)									
OH3FM	*	961,494	776	382										
OH8WR	*	798,112	668	392										
OH6K	*	675,591	599	371										
					(OP:OH6FSG)									
OH7KBF	*	410,656	483	313										
OG2P	*	263,208	299	264										
OH5EAB	*	166,752	269	193										
OH1TM	*	88,608	184	142										
OH2BBT	*	30,411	118	109										
OH6BA	*	28,712	104	97										
OH5UQ	7	207,672	249	204										
OG7A	3.5	842,496	548	384										
					(OP:OH6MW)									
OH8CW	*	119,316	187	163										
OG3P	A	923,292	660	412										
					(OP:OH3P)									
OG95AA	*	493,000	517	340										
					(OP:OH8KVY)									
OG8T	*	486,972	496	334										
					(OP:OH8TV)									
*OH1NOA	*	216,910	309	218										
*OH2LNH	*	125,560	241	172										
*OH8EJW	*	97,399	211	173										
*OH8KA	*	42,588	134	117										
*OH3GLY	*	35,900	124	100										
					France									
F5OAM	A	1,019,187	742	403										
F4FDR	*	817,235	630	365										
F6CBL	*	547,626	538	321										
F5OHM	*	353,700	363	262										
F6CXJ	*	320,124	352	259										
F6AUS	*	141,906	249	201										
F8CDM	*	116,336	210	176										
F4FEP	*	99,072	206	172										
F5JFU	*	85,008	159	138										
F4FET	*	12,980	68	59										
F5NBX	14	18,130	87	74										
F4HJO	7	1,358,940	751	435										
F4ESV	*	232,416	244	216										
F5SDD	*	79,864	148	134										
F4CWN	*	36,080	96	88										
TM3Z	A	4,807,728	1689	718										
					(OP:F4DSK)									
*F8BDQ	*	1,157,940	725	420										
*F1RCH	*	1,072,216	758	404										
*F6EQZ	*	935,750	669	394										
*F1IWH	*	615,664	516	322										
*F6GCI	*	432,696	446	298										
*F5OYC	*	292,094	361	242										
*F4HAB	*	217,119	283	211										
*F4GWY	*	204,609	318	241										
*F6BQG	*	189,900	283	211										
*F8FHI	*	170,500	263	220										
*F4VSQ	*	163,986	247	181										
					(OP:SQ6MS)									
*F5PVJ	*	163,620	244	180										
*F4DVX	*	109,319	202	161										
*F4IFO	*	71,651	175	137										
*F4DBD	*	47,190	145	121										
*F1TRE	*	34,216	107	91										
*F6IRA	*	30,856	97	76										
*F8CPA	*	28,036	102	86										
*F4BRZ	*	20,880	92	80										
*F4FHV	*	16,380	74	70										
*F1VEV	*	7,439	45	43										
*F4BKT	*	1,178	19	19										
*F4DZR	*	660	15	15										
F5KAQ	14	4,185	45	45										
					(OP:F5SAZ)									
*F1HMR	7	143,724	208	174										
*TM5CQ	*	18,904	75	68										
					(OP:F4FRG)									
Greece														
SV2ESW	A	713,472	691	384										
SV3EXU	*	523,556	523	326										
SV6JHA	*	188,580	259	210										
SV1QN	*	113,816	199	164										
J4ZP	21	476	15	14										
					(OP:SV2BXA)									
SX73SC	14	742,118	752	442										
					(OP:SV2BFN)									
SV1PMR	*	333,993	513	319										
SV1JG	*	241,500	410	276										
SV2BXA	3.5	788,900	561	350										
SV1BJW	A	629,805	612	347										
*SV2KF	*	381,888	453	288										
*SV8OVH	*	323,144	386	248										
*SV1DOO	*	321,216	377	239										
*SV1JFL	*	94,248	226	153										
*SV8PMM	*	69,000	141	125										
*SV2/SV7CUD	*	37,142	111	98										
					(OP:SV7CUD)									
*SV1MO	*	9,675	55	45										
*SV2HXV	14	155,610	315	234										
*SV4RNT	*	3,237	44	39										
Guernsey														
GUØSUP	A	686,810	517	397										
Hungary														
HAØHW	A	289,560	335	228										
HA8JV	*	70,564	142	118										
HA2VR	*	18,104	69	62										
HG8R	14	1,726,112	1059	646										
					(OP:HA8JV)									
HA8BQ	*	69,960	195	159										
HG5D	7	1,656,272	807	488										
					(OP:HA8QZ)									
HA1AD	*	112,308	182	147										
HA8BT	3.5	1,020,936	606	412										
*HG8C	A	1,218,944	799	428										
*HA7MB	*	389,550	409	294										
*HAØMS	*	350,523	387	261										
*HA6PJ	*	255,816	313	228										
*HA1TNX	*	217,800	283	220										
*HA1DD	*	168,675	264	195										
*HG3FMZ	*	36,456	98	93										
*HA3FMR	*	1,292	19	19										
*HAØLW	14	69,300	181	154										
*HAØBW	*	60,894	178	153										
*HA1LZ	*	3,654	45	42										
*HA8WY	3.5	592,116	465	318										
*HA1WD	*	109,440	188	152										
*HA8BE	*	11,544	55	52										
Iceland														
TF2CT	A	123,954	228	219										
TF3DC	A	11,352	69	66										
Ireland														
E17KD	14	206,092	348	268										
*E13CTB	A	127,737	237	171										
*E14GAB	*	40,082	120	98										
Italy														
IK2YCW	A	1,946,644	1016	518										
IØWBX	*	1,870,960	1025	514										
IC8SOS	*	1,823,178	1034	523										
I21AVA	*	1,543,204	959	503										
ISVJW	*	1,339,128	759	504										
I1JTO	*	1,147,860	773	420										
I2SVA	*	951,460	690	421										
I2SDX	*	585,980	495	353										
IK1BPL	*	536,406	492	338										
IW1PNJ	*	527,171	484	317										
IW3FVZ	*	411,220	394	290										
IN3EQD	*	381,598	398	281										
I23XEF	*	380,607	403	293										
IØ3WMS	*	349,536	361	264										
I2WIJ	*	285,525	316	243										
I24FUE	*	270,912	342	249										
IK2QIN	*	267,336	337	237										
I1NVU	*	218,440	282	215										
IK5FKF	*	214,720	300	244										
I23KUY	*	199,350	305	225										
I21PLH	*	187,425	256	225										
IK2RZP	*	160,200	240	178										
I24VSD	*	122,610	248	201										
I22ZQP	*	114,234	199	158										
I2ØGV	*	107,315	215	169										
IW1CHX	*	86,458	185	139										
IK5PWS	*	76,583	176	137										

*Y09CWY	*	208,620	308	228
*Y02LXW	*	176,475	256	181
*Y07CVL	*	136,152	224	183
*Y04UQ	*	87,162	187	146
*Y06DBL	*	61,366	137	122
*Y04RST	*	55,626	147	127
*Y08AAZ	*	51,831	138	117
*Y04SI	*	47,936	137	107
*Y04DW	*	31,450	92	85
*Y02LEA	*	22,464	83	72
*Y09IOE	*	22,327	92	83
*Y02IS	14	149,408	294	232
*Y04BEW	7	127,820	189	166
*Y04CVV	*	85,936	160	131
*Y06FPW	3.5	107,388	179	157
*Y08DHA	*	49,820	127	106

*IS0CAK	A	<i>Sardinia</i> <i>29,744</i>	<i>99</i>	<i>88</i>
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GM2V	21	<i>Scotland</i> 8,784	66	61
*GM0OPS	A	<i>647,328</i>	<i>579</i>	<i>352</i>
*GM4KZ	*	109,280	206	160
*GM3A	14	95,046	230	186
			(OP:MM0JOM)	
*MM2T	*	65,286	190	162
*MM1PTT	7	108,936	177	153

YT0Z	21	<i>Serbia</i> 25,004	105	94
			(OP:YU1ZZ)	
YU1AU	7	2,204,488	1019	517
*YT1TX	A	603,372	507	308
*YU1KT	*	562,122	481	306
*YT3H	*	538,464	464	316
*YU7RIM	*	254,100	308	210
*YT8A	21	14,544	86	72
*YU5RY	14	157,373	297	241
*YU1NR	*	96,455	245	191
*YT2AAA	3.5	975,154	613	391
*YT2T	*	310,244	325	242
*YU8NU	*	294,056	318	236

IT9ESW	A	<i>Sicily</i> 702,630	689	370
IT9JQY	*	31,899	103	93
IT9ZMX	14	725,560	754	440
IT9RZU	7	839,160	514	378
*IT9VCE	A	1,426,620	987	465
*IT9CIL	*	118,370	239	190
*IT9ACJ	*	76,320	176	144
*IT9BLB	21	663	17	17
*IW9FDD	14	436,482	576	354
*IT9KXK	*	326,673	481	327
*IR9K	3.5	807,750	553	359
			(OP:IT9AHI)	

OM2VL	A	<i>Slovak Republic</i> 4,572,454	1656	733
OM7PY	14	32,890	134	115
OM2AGN	*	26,000	103	100
OM3CW	7	146,960	203	167
*OM7KW	A	1,481,610	922	435
*OM3R	*	905,625	658	375
			(OP:OM3CFR)	
*OM3IAG	*	674,560	514	340
*OM2DT	*	224,672	288	224
*OM2WX	*	119,000	201	175
*OM7AG	*	92,871	185	153
*OM3TLE	*	64,728	160	124
*OM8PG	*	27,258	92	77
*OM7YC	*	7,700	51	44
*OM8JP	14	69,120	194	160
*OM8HG	7	29,760	89	80
*OM3ZWA	3.5	915,356	611	377

S53X	A	<i>Slovenia</i> 4,809,946	1551	733
S57YK	*	248,272	344	263
S53R	*	140,080	210	170
S57DX	14	1,430,860	991	580
S53TM	*	353,772	476	317
S53M	7	4,239,172	1277	707
			(OP:S51FB)	
S51CK	*	2,027,880	914	516
S58Q	3.5	471,576	394	294
*S57U	A	1,671,047	1001	469
*S55BA	*	987,552	697	381
*S51I	*	527,386	489	334
*S56A	*	418,606	389	311
*S57SWR	*	372,000	390	248
*S57X	*	84,102	158	131
*S57KM	*	15,686	79	62
*S58L	14	9,198	67	63
*S50B	7	174,636	222	189
*S53NW	3.5	445,356	414	278
*S52WD	*	241,108	293	218
*S53BB	*	102,102	186	143

EA5FIV	A	<i>Spain</i> 547,475	531	359
EA2XR	*	526,285	526	335
EA1WX	*	405,920	411	295
EA5CR	*	371,348	416	254
EA7TG	*	331,702	408	266
EF5Y	*	215,460	290	210
			(OP:EA5FR)	
EA1WS	*	186,030	327	234
EA5GIE	*	33,561	121	99
EA3EZD	*	31,104	126	108
EB2RA	*	16,704	72	64

EA2OK	*	6,912	59	54
EA5FID	21	14,784	90	77
EA3OH	*	3,293	37	37
EF1Z	14	872,534	744	481
			(OP:EA1BD)	
EA2KU	*	168,240	353	240
EC1RS	*	98,623	248	193
EA1EPM	*	9,248	72	68
EB1DMQ	*	2,196	39	36
EA1XT	7	993,672	586	373
EA3AQ	*	89,440	156	130
EB1IC	*	54,000	117	108
EA1DA	*	44,650	120	95
*EA4BAS	A	800,793	665	399
*EA4GOY	*	769,776	604	348
*EB5CUZ	*	256,300	357	233
*EA1IYK	*	253,565	367	235
*EA5HYJ	*	222,640	331	230
*EA7GV	*	194,970	308	201
*EA5HRT	*	185,640	312	204
*EA3HKA	*	154,587	294	227
*EA4AAZ	*	142,128	240	189
*EB1EB	*	113,828	199	143
*EA3HWE	*	106,582	206	161
*EC7AT	*	63,992	194	152
*EB5CS	*	48,951	133	111
*EB3EKZ	*	46,979	136	109
*EA1EWY	*	25,284	107	86
*EA5ERA	*	12,903	81	69
*EB1BCG	*	12,154	66	59
*EA4CRP	*	4,403	40	37
*EA4FIT	*	540	12	12
*EF3C	14	91,509	213	177
			(OP:EA3CV)	
*EA5/OH2HOD	*	83,772	215	179
			(OP:OH2HOD)	
*EA1BDX	*	76,736	194	176
*EA7ZC	*	42,588	142	126
*EA7AH	*	19,936	98	89
*EA7IA	*	12,075	81	75
*EA2CCG	*	5,661	55	51
*ED4T	7	439,704	366	279
			(OP:EA4CWN)	
*EA2BNU	*	320,640	322	240
*EA3CI	*	145,280	209	160
*EB7KJ	*	64,350	141	117
*EA7JZZ	*	45,696	106	102
*ED3Y	3.5	285,348	301	237
			(OP:EA3EGB)	
*EA4DB	*	64,560	136	120

SM6UQL	A	<i>Sweden</i> 1,085,440	802	424
SM5ILE	*	1,061,764	780	409
SB7W	*	701,480	650	380
SM5EPO	*	265,853	339	233
SM6YEC	*	62,377	154	133
SM6MVE	*	61,776	163	132
SM6NET	*	61,090	167	149
SM7IUN	*	7,095	49	43
SM6VVT	14	111,321	253	189
SA6U	7	2,438	23	23
SM3LBP	*	1,512	18	18
*SE4E	A	1,131,936	807	416
			(OP:SM4DQE)	
*7S5S	*	500,511	502	319
			(OP:SM5CSS)	
*SM5S	*	468,958	465	287
			(OP:SM5SIC)	
*SM6I	*	246,330	329	238
			(OP:SA6CMO)	
*SM7BHM	*	246,196	342	244
*SM7CIL	*	151,430	238	190
*SM6FZO	*	146,400	259	183
*SM5EFX	*	97,812	196	156
*SF0Z	*	96,200	199	148
			(OP:SM0HEV)	
*SE6N	*	68,511	164	123
			(OP:SA6AXR)	
*SM6GBM	*	43,056	146	117
*SK6QA	*	42,420	122	101
			(OP:SM6PVU)	
*SF5M	*	34,216	113	104
			(OP:SM5SYO)	
*SM5DXR	*	30,527	115	89
*SM6GKT	*	30,081	125	111
*SK50HD	*	18,000	85	72
			(OP:SA6AQP)	
*SD6M	*	16,827	86	79
*SF0D	*	6,068	43	41
			(OP:SM0DSF)	
*SM5ACQ	*	5,043	44	41
*SM3VTP	*	864	18	18
*SM6IQD	3.5	2,024	23	23

HB9AVK	A	<i>Switzerland</i> 131,698	206	161
HB90OCR	*	121,109	219	163
			(OP:HB9OCR)	
HB9CAT	*	35,672	99	91
HB9DVZ	*	27,950	101	86
*HB9CNY	A	214,720	296	220
*HB90AWS	*	178,821	254	179
			(OP:HB9AWS)	
*HB9MXY	*	136,416	213	174
*HB9LF	*	89,435	203	155
			(OP:HB9CRV)	
*HB9TZU	*	23,310	85	74
*HB90TOC	*	17,262	72	63
			(OP:HB9TOC)	
*HB9HFM	*	11,571	63	57

*HB90GKM	*	270	10	10
			(OP:HB9GKM)	
UW1M	A	<i>Ukraine</i> 4,853,499	2006	723
			(OP:UR5MW)	
EM0I	*	4,314,363	1834	713
			(OP:UT2IZ)	
UZ1WW	*	2,260,995	1128	579
UV5U	*	2,033,120	1104	524
			(OP:UX1UA)	
UV7V	*	1,433,124	871	484
			(OP:UX1VT)	
UY5VA	*	1,329,999	918	451
UT3RS	*	1,311,380	926	476
UW0K	*	1,243,000	725	452
			(OP:US0KW)	
UZ0U	*	1,048,172	783	428
			(OP:UY5ZZ)	
UR5CN	*	901,407	742	377
UR5R	*	862,150	656	430
			(OP:UT0RM)	
UX5UO	*	605,917	589	367
UR4EI	*	485,268	495	318
UZ5ZU	*	453,568	481	304
UT2UB	*	285,250	376	250
UT5ECZ	*	189,711	281	197
UT3UV	*	47,092	151	122
US2YW	*	39,930	127	110
UR7R	*	3,225	45	43
UY5QZ	*	525	16	15
UT7E	*	120	8	8
			(OP:UV5EQZ)	

EM2G	14	1,774,326	1153	678
			(OP:UR7GO)	
US7IY	*	118,818	274	207
UR5FBM	*	36,720	130	120
UT4U	7	1,507,488	706	492
			(OP:UT5UJO)	
UY1HY	*	1,264,384	684	449
UT7FA	*	598,104	472	324
UT5LA	*	227,392	276	209
US1IV	*	103,008	172	148
UX2X	3.5	2,278,100	1002	550
			(OP:UT2XQ)	
UT2AU	*	419,440	395	28

*US5AT	*	101,595	242	195	*YC2YEN	*	738	20	18	CE3DNP	*	36,166	125	107
*UT5PQ	*	52,780	159	145	*YC2CAB	*	731	17	17	XQ1KZ	7	1,161,352	567	358
*UX4AA	*	35,588	139	124	*YB9CS	*	399	20	19	*CE1LTL	A	111,303	247	149
*UR3AC	*	34,920	132	120	*YD1WCK	*	374	13	11	*CE2MT	*	8,232	52	49
*UR5ZEP	*	27,560	126	106	*YD9KXX	*	120	8	6	*XQ3UP	21	20,303	93	79
*US7KC	7	784,728	586	346	*YD1OCG	*	16	4	4					(OP:XQ7UP)
*UR5WQC	*	743,208	500	358	*YF5YUD	21	7,592	56	52	*CE7VPQ	14	26,460	106	90
*US6CQ	*	595,326	465	317	*YB9QP	*	7,590	74	55	*CE7KF	*	1	1	1
*UR4MVK	*	305,000	316	250	*Y2UFA	*	2,871	33	33					
*U24U	*	212,576	250	208	*YB1UUN	*	1,296	25	24			Curacao		
*UT3QD	*	98,208	171	144	*YD1LQJ	*	104	9	8	PJ2T	A	4,382,626	1715	626
*E03Q	*	35,948	104	86	*YB1AR	14	239,955	339	255					(OP:W9WI)
				(OP:UR3QCW)	*YB2MM	*	160,792	283	202					
*UR8EQ	*	18,354	71	69	*YB1HDR	*	9,222	62	58			Equador		
*U22HZ	3.5	880,896	598	384	*YB1ELP	*	3,264	35	34	*HC1JQ	14	156,822	302	177
*UT5PY	*	613,760	504	320	*YE4IJ	*	1,452	24	22			Suriname		
*UR5FQB	*	192,608	251	208	*YF7SPN	7	167,184	236	162	<i>PZ5RA</i>	<i>A</i>	<i>258,570</i>	<i>301</i>	<i>221</i>
*UY8IF	*	90,804	177	141	*YC0RI	*	129,630	203	149			Uruguay		
					*YD2YSW	*	56,964	139	101	CV7S	21	805,560	715	392
*4U1A	A	Vienna Intl Ctr	746	398	*YB2WA	*	47,840	142	92			Venezuela		
		1,104,450		(OP:H89RB)	*YD7YGR	*	41,452	106	86			60	5	5
					*YD2YDX	*	25,944	106	69	*YV6CQ	A	166,080	214	173
GW5NF	A	Wales	755	405	*YD9DE	*	11,424	66	48	*YV1SW	21	18,174	85	78
GW0A	*	342,713	407	283	*YD1NXX	*	10,080	71	48					(OP:YV6BXN)
*M9W9	A	689,409	606	353	*YB1APR	*	7,216	61	41					
				(OP:GW0KRL)	*YD8MJJ	*	6,080	52	40					
*MW6M	*	334,552	435	284	*YD1IDC	*	6,006	66	39					
				(OP:GW4BVJ)	*YC1JQC	*	5,530	55	35					
*GW4JBQ	*	43,120	125	110	*YC0RLX	*	5,112	53	36					
*GW4TSG	*	11,596	60	52	*YC1BON	*	4,032	56	32					
					*YD0SCZ	*	2,916	41	27					
					*YD9DRB	*	1,764	36	21			QRP		
					*YC0OSX	*	1,672	27	22	F5BEG	A	1,263,072	778	446
					*YD0EGA	*	1,640	25	20	DK7HA	"	1,181,768	749	449
					*YG5YZW	*	2	1	1	OK2FD	"	1,017,144	651	408
					*YC2VOC	3.5	1,520	27	20	IK2XDE	"	919,224	681	408
VK4QH	A	200,736	285	164	*YC9CT	*	340	15	10	MM3AWD	"	774,060	640	380
VK7BO	*	32,508	101	84	*YG3EOY	*	60	6	5	YU1ANO	"	493,800	460	300
VK4BRT	*	16,530	70	57	*YG3EOQ	*	50	5	5					(OP:YU1LM)
VK4SN	14	144,308	302	172	*YG3FKD	*	18	3	3	DD2ML	"	429,852	389	339
*VK3TNL	A	5,355	39	35	*YG3FZT	*	2	1	1	K2YG	"	325,125	498	289
										EW8G	"	203,889	294	219
										WE4M	"	171,589	400	209
														(OP:N2QT)
*9W6EZ	A	East Malaysia	1,701	23						LZ3RR	"	146,496	247	192
		1,701								W6QU	"	130,529	330	203
														(OP:W8QZA)
KH6ZM	A	2,357,355	1410	429						SN2WOSP	"	117,624	206	156
KH6TU	*	1,799,680	1205	380										(OP:SP2UUU)
				(OP:AD6E)	DU1IVT	A	126,720	257	160	OH2LZI	"	113,696	237	176
*KH6CJJ	A	581,166	646	249	DU1R	7	86,328	148	109	DL8TG	"	106,880	211	167
*KH6GMP	14	34,365	134	87					(OP:DU1UGZ)	IK1XPX	"	100,951	195	157
					*DU1JM	A	409,734	463	221	EA1GT	"	98,580	197	159
					*DU1/P65V	14	846	19	18	PE2K	"	90,882	211	162
					*DV1YZD	"	220	10	10	CM3EFM	"	84,058	181	122
										DO4NT	"	70,216	149	131
										DF5RF	"	67,584	151	132
										Z3SZ	"	63,630	149	126
										A96A	"	60,393	138	123
														(OP:A9ZAA)
YB0NDT	A	822,624	743	352						RA3DJA	"	60,288	161	128
YF9CDL	*	203,263	365	181	LU5VV	A	170,805	297	193	K2YGM	"	60,248	177	136
YC6RMT	*	190,302	383	161	LU1BJW	"	149,100	280	175	G4FPA	"	57,462	148	122
YB2IQ	*	75,480	184	136	LU6VEK	"	127,072	244	176	RU6YJ	"	55,896	174	137
YB0COU	*	22,360	112	65	LU8DZJ	"	680	17	17	RV3DBK	"	48,906	149	114
YC2HML	*	7,656	83	44	*L07E	A	30,597	116	93	KI9S	"	45,408	214	129
YB8AK	*	4,389	49	33	*LU5DF	"	24,101	102	77	VE6EX	"	38,862	155	102
YE3WIL	*	4,026	48	33	*LU4HK	*	8,466	58	51	W3IQ	"	37,642	193	118
YB2BBZ	*	2,912	36	28	*L77D	21	45,235	148	109	OP4A	"	32,400	99	89
YC3BLJ	21	5,412	50	41					(OP:LU6DC)	JK1TCV	"	29,766	107	82
YC9SBP	14	4,070	49	37	*LU3MAM	*	44,944	148	106	DJ3GE	"	29,281	99	89
YC2EEE	7	16,704	89	58	*L07H	14	90,147	207	151	DD0VS	"	26,240	91	80
YC3VRY	*	2,756	31	26						CO2XK	"	24,601	93	73
YC0NGA	*	1,978	29	23						DH5MM	"	23,384	85	74
YB4IR	3.5	3,808	30	28						RT4W	"	22,776	97	78
YF3CYT	*	120	10	6						DL2DWP	"	20,910	96	85
YF3CV	*	84	7	6						Z3SM	"	18,288	76	72
YF3DFB	*	40	5	4						KC9NBV	"	15,808	107	76
*YF0TUR	A	250,640	379	208						DU1AVC	"	14,168	76	56
*YC4HO	*	239,590	338	190						YB2TS	"	11,908	79	52
*YC2YIZ	*	229,596	337	212						SP3IOE	"	11,236	56	53
*YB8RW	*	132,486	310	142						YB0ANN	"	10,608	80	51
*YD9ATS	*	112,320	252	130						N6MA	"	10,360	98	70
*YB700	*	110,040	198	131						W1IG	"	10,200	72	60
*YB1BML	*	83,959	188	113						K1SX	"	10,146	58	57
*YB1BML	*	83,080	203	134						W6GMT	"	9,261	77	63
*YC2CAA	*	74,624	200	128						OK1FWG	"	8,325	49	45
*YB7SKM	*	69,660	196	108						Y04AAC	"	8,322	59	57
*YB1AD	*	62,116	150	106						HK3W	"	8,016	49	48
*YC0BAS	*	53,560	178	103						N8URE	"	7,722	91	66
*YB2BNN	*	52,640	182	112						N6HI	"	6,608	74	56
*YB2GV	*	45,200	137	100						AI9K	"	6,264	67	54
*YB8UM	*	31,160	113	82						RA0AY	"	5,661	45	37
*YB7WR	*	26,726	110	83						YC1HBP	"	5,255	57	35
*YD2CPQ	*	22,839	102	69						W4ZGR	"	5,280	49	44
*YB1BJV	*	19,695	78	65						JA1GZK	"	4,500	45	36
*YC1KK	*	18,096	102	78						K8ZT</				

JH3DMQ	28	21	3	3
C06EC	"	2	2	2
JR1NKN	21	840	21	21
HG3C	"	799	18	17
IZ3NVR	"	242	11	11
DL2TM	"	12	3	3
YC3RJL	"	8	2	2
IZ7FLP	14	629,880	651	435
A71AE	"	349,279	433	287
HG3IPA	"	124,020	263	212
			(OP:HA3JB)	
UX8ZA	"	40,040	151	130
WE6EZ	"	37,960	183	146
JH1APZ	"	30,906	121	102
NP4AW	"	10,899	74	63
RA3XEV	"	5,150	52	50
YC8AO	"	1,512	31	27
IU2IGX	"	1,350	28	25
RW3AI	"	1,250	25	25
N1VVV	"	1,178	31	31
EA3FHP	"	1,173	25	23
UA0SBQ/QR	"	1,155	21	21
N9EP	"	120	12	12
Y0BSMV	"	84	6	6
XE1TRY	"	28	4	4
DL5RK	7	538,986	447	313
LZ2TU	"	195,456	257	192
EE3X	"	185,220	234	189
			(OP:EA3KX)	
YT5DEY	"	171,720	236	180
R9FBT	"	150,144	218	184
OK1NG	"	127,280	203	172
KH6KG/W5	"	107,146	235	169
			(OP:KH6KG/W5)	
C08RCP	"	89,244	160	134
R7RAG	"	72,898	148	127
Y0GGSB	"	68,696	142	124
YU1ZMT	"	63,984	139	124
WD9FTZ	"	60,836	177	134
ON3DI	"	50,096	109	101
S56ZVD	"	43,890	118	105
UT4UEI	"	20,880	77	72
KP2DX	"	15,812	68	59
			(OP:KP2BH)	
TB7BIY	"	14,308	51	49
DL3ZID	"	11,130	58	53
OL120AB	"	10,608	52	51
			(OP:OK4RM)	
M2M	"	8,624	48	44
			(OP:G0WAT)	
JF1RYU	"	7,052	45	41
YL3FW	"	6,806	43	41
JH7BMF	"	4,440	30	30
Z32ID	"	4,422	33	33
W4ER	"	4,070	39	37
YB6DE	"	2,784	27	24
S57LR	"	2,700	27	27
JE1CAC	"	2,352	21	21
DU9CA	"	696	13	12
DF7DR	"	552	12	12
N4RLJ	"	308	11	11
YD0RXA	"	176	8	8
JR0BUL	"	6	1	1
Y09BCM	3.5	282,978	305	237
Y08WW	"	96,570	167	145
YT5YTT	"	67,704	142	124
SQ2NNN	"	65,268	143	126
US3IW	"	57,348	132	118
N9SE	"	37,800	160	105
JM1NKT	"	5,796	64	42
JG1LFR	"	5,494	59	41
PA0AWH	"	3,080	28	28
KB2HSH	"	2,280	34	30
SP9RQH	"	1,748	23	23
KK7A	"	1,242	26	23
ES3VI	"	756	14	14
YG3FZR	"	24	4	3
YD3UX	"	4	2	2

MULTI-OPERATOR SINGLE TRANSMITTER HIGH POWER NORTH AMERICA

	United States		
W4MLB	1,261,379	1219	491
WV4P	1,159,368	1066	469
KM4OQQ	589,157	596	353
AA4YL	132,273	269	213
K5RZA	532,860	746	321
WU6TT	143,374	380	209
KZ7X	3,347,888	2242	664
NV9L	5,172,516	2320	828
NX0I	1,053,308	1317	428
AK9D	557,648	916	364
	Belize		
V31YN	1,028,970	946	370
	Canada		
VA3MLM	611,694	610	306
VE7KW	1,156,858	1104	397
	ASIA		
	Japan		
JA1ZGO	396,200	448	283
JH0MUC/Ø	76,310	195	130

9M2TO	West Malaysia	218,688	295	201
	EUROPE			
	Croatia	7,577,856	2408	897
9A5D	Czech Republic	4,607,442	1772	717
OK7O		4,071,375	1647	693
OK1KSL	European Russia	1,470,269	1100	503
RK3DXW	Fed. Rep. of Germany	6,936,615	2110	855
DR5N		1,856,634	1073	507
DP6K		1,704,528	1002	534
DF5MA		791,879	641	373
DM3X	Finland	3,677,955	1507	683
OH2HAN		1,895,398	1146	521
OH2KW		375,552	406	288
OH5Z	Greece	4,825,316	1909	734
SZ1A	Hungary	8,441,062	2467	938
HG1S		6,878,075	2128	895
HG7T	Italy	1,327,293	835	451
IQ2CU		119,880	239	185
IQ3PN	Poland	1,076,306	772	406
SP2KPD	Romania	156,416	253	188
Y03GNF	Serbia	98,826	239	181
YT6T	Slovak Republic	1,186,844	789	428
OM4Q	Slovenia	9,838,584	2659	972
S52X		59,623	122	109
S59T	Sweden	2,621,808	1306	578
SK7K		720,918	578	363
SJ3A	Switzerland	3,674,240	1546	640
HB90TTK	Ukraine	6,701,338	2409	826
UZ2I		358,449	415	273
UV7U		39,140	117	103
UZ4E	OCEANIA			
	Australia	569,772	498	306
VK5GR	Indonesia	309,760	453	256
YE1C	Philippines	6,201	46	39
DX9EVM	SOUTH AMERICA			
	Bonaire	8,016,843	2416	823
PJ4Z	Uruguay	1,345,352	896	424
CX5A				

	United States			
*NG1R	842,160	781	440	
*KN4DUA	93,694	263	158	
*KD6TR	115,291	365	223	
*AD0LI	115,206	350	211	
	Mexico			
*XE2N	16,660	129	98	
	AFRICA			
	Canary Islands	7,818,720	2304	840
*EB8AH	Cueta & Melilla	5,274,636	1828	667
*ED9E	ASIA			
	Asiatic Turkey	2,103,582	1013	447
*TC7G				

*BH2RO	China	131,716	305	149
	Japan	3,680	48	40
*8N1UEC		49,005	147	121
*JK2VOC	EUROPE			
	Belgium	3,566,196	1401	657
*OT6M	Croatia	3,851,712	1340	743
*9A7T		141,939	235	189
*9A7B	Czech Republic	388,188	414	263
*OK1RPL		3,432	37	33
*OK1OFM	Estonia	218,763	310	223
*ES5YG	European Russia	1,937,920	1156	512
		1,758,834	1210	517
*RA3Y		240,030	397	270
*RK3PWR	Fed. Republic of German	2,242,800	1129	560
*UA6KAC		452,960	458	304
		219,008	318	236
*DQ4W		183,872	280	208
*DG7RO		78,546	181	159
*DQ4X		14,823	66	61
*DJ1XT	Lithuania	2,150,448	1051	568
*DL70BRD	Macedonia	277,610	339	230
*DL19RIC	Netherlands	2,089,790	1126	530
		811,966	606	362
*LY5W	Poland	735,128	611	344
		148,185	247	185
*Z33A		8,448	52	48
*PI4CG	Serbia	38,318	132	119
*PI4VAD	Slovak Republic	61,347	169	143
*SP9ZHP	Slovenia	314,430	355	235
*SN9A	Spain	1,469,093	956	479
*SN0UNESCO		767,618	563	422
*YU7KMN	Ukraine	170,016	245	184
*OM3KSI	OCEANIA			
	Indonesia	28,282	129	79
*S51DX	Philippines	840,408	763	291
*S51DX	SOUTH AMERICA			
	Brazil	361,760	481	272
*ED3D	Chile	124,148	265	164
*EA4URE				
*UR4RWW	MULTI-OPERATOR			
	TWO TRANSMITTER			
	NORTH AMERICA			
	United States			
KE1S	2,823,680	1415	640	
KB3VQC	2,291,460	1496	633	
W4CDA	15,045	100	85	
K5MXG	332,766	587	278	
NX6T	1,101,672	1352	429	
KT7E	2,464,020	2008	585	
KB8O	2,786,488	1825	632	
K9CT	8,789,400	3430	950	
NC0DX	4,603,284	2581	756	
W7II	1,376,845	1188	509	
	Cuba	299,820	427	228
T43MY	AFRICA			
	Madeira Islands	24,254,241	5003	1111
CR3DX	ASIA			
	Hong Kong	711,624	760	298
VR2CC				

*W9AKS	"	61,372	200	134	VU2IBI	"	35,696	114	97	*DL6NWA	"	403,480	424	308	
*NE9M	"	31,350	155	95	JA9CCG	"	33,936	127	101	*G1P	"	389,776	425	272	
				(OP:KE0L)	IT9JQV	"	31,899	103	93					(OP:M0IEP)	
*K08V	"	5,292	44	42	JA6BCV	"	30,086	109	98	*HA7MB	"	389,550	409	294	
*W3FA	"	2,288	28	26	JF2FIU	"	29,316	117	84	*CO2RQ	"	387,972	394	234	
*K09YL	"	50	5	5	VE2SCA	"	27,846	99	91	*S57SWR	"	372,000	390	248	
*AB9YC	3.5	55,620	174	135	PA5WT	"	21,728	102	97	*DF3EH	"	364,958	415	313	
*W9RF	"	26,040	115	84	VE7BC	"	18,544	96	76	*SP6MLX	"	341,922	346	294	
					EB2RA	"	16,704	72	64	*MW6M	"	334,552	435	284	
					YC2HML	"	7,656	83	44					(OP:GW4BVJ)	
					UR7R	"	3,225	45	43	*M00RD	"	333,105	368	265	
DK7HA	A	1,181,768	749	449	IK2IKW	"	1,496	23	22	*7N2UQC	"	330,336	452	248	
IK2XDE	"	919,224	681	408	EAF5ID	21	14,784	90	77	*RU5X	"	323,563	386	257	
SN2WOSP	"	117,624	206	156	EA30H	"	3,293	37	37	*PA3DBS	"	304,678	377	242	
				(OP:SP2UUU)	V37DX	14	2,396,328	1497	696	*JM1MTE	"	303,178	382	241	
									(OP:DH8BQA)	*DL1EAL	"	284,260	345	244	
										*IW4EJK	"	275,776	330	248	
										(OP:EA1BD)	*RU4PH	"	265,370	361	238
RA3DJJA	"	60,288	161	128							*IZ3XNJ	"	246,225	319	245
OP4A	"	32,040	99	89							*OH1NOA	"	216,910	309	218
DH5MM	"	23,384	85	74	EF1Z	"	872,534	744	481	*OZ1A00	"	208,437	295	201	
Z35M	"	18,288	76	72						(OP:SV2BFN)	*IK3YBX	"	205,091	295	241
DU1AVC	"	14,168	76	56	SX73SC	"	742,118	752	442		*EW7A	"	194,670	292	206
YC1HBP	"	5,425	57	35							*IV3BCA	"	180,675	258	225
JA1GZK	"	4,500	45	36	IU4CHE	"	713,904	679	417		*DJ6OZ	"	160,816	255	184
YB2NDX/1	"	2,700	40	27	RU5TT	"	495,720	578	405		*CS25FOQ	"	154,585	272	215
GW1YQM	"	2,673	33	33	UC6N	"	363,747	497	339					(OP:CT1FOQ)	
YB2VMC	"	1,239	29	21	DL1DTL	"	286,431	400	307						
DQ5M	"	50	5	5	JA9CWL	"	227,592	316	261						
				(OP:DK6SP)	JJ3BFC	"	114,190	230	190						
IZ3NVR	21	242	11	11	EC1RS	"	98,623	248	193	*9H1CG	"	152,536	250	184	
YC3RJL	"	8	2	2	7K4VPV	"	67,792	176	152	*DG9BEO	"	150,696	244	184	
EE3X	7	185,220	234	189	SV9COL	"	62,310	194	155	*SM6FZO	"	146,400	259	183	
				(OP:EA3KX)	LX1HD	"	42,656	149	124	*DF7JC	"	145,054	243	182	
R9FBT	"	150,144	218	184	OM2AGN	"	26,000	103	100	*UT4UQ	"	144,786	246	177	
C08RCP	"	89,244	160	134	M3I	"	24,411	109	103	*UC4I	"	140,010	251	195	
R7RAG	"	72,898	148	127	RA0AM	"	23,040	98	90	*JH3WKE	"	136,752	254	168	
JF1RYU	"	7,052	45	41	YC9BP	"	4,070	49	37	*IK8IOO	"	130,468	248	193	
JM1NKT	3.5	5,796	64	42	JK3NSD	"	420	12	12	*E13CTB	"	127,737	237	171	
JG1LFR	"	5,494	59	41	IT9RZU	7	839,160	514	378	*IK5OPZ	"	122,998	213	178	
YG3FZR	"	24	4	3	M0UNI	"	287,364	290	231	*IT9CIL	"	118,370	239	190	
YD3UX	"	4	2	2	IZ5EME	"	284,896	272	232	*R0UT	"	114,896	255	167	
DP6M	A	3,206,245	1281	707	LC2C	"	284,088	317	228	*YCFIK	"	112,320	252	130	
				(OP:DK9IP)	UT5LA	"	227,392	276	209	*Z3ZU	"	108,188	186	148	
DM5TI	"	2,514,642	1211	626	G4PIQ	"	209,280	242	192	*EC6DX	"	104,248	211	166	
M7T	"	2,485,311	1267	597	VE3GL	"	184,072	257	173	*DK7TM	"	103,520	208	160	
				(OP:G3YYD)	IZ4DZD	"	109,744	183	152	*D7JUC	"	103,125	205	165	
UZ1WW	"	2,260,995	1128	579	LN5O	"	44,160	118	96	*IW0GYC	"	99,200	198	155	
YL1S	"	2,243,822	1138	581						*PD8DX	"	97,340	183	155	
				(OP:YL1ZF)	F4CWN	"	36,080	96	88	*SF0Z	"	96,200	199	148	
OZ0JD	"	1,889,146	1081	518	YC2EEE	"	16,704	89	58	*DD5MA	"	93,060	161	141	
DR7B	"	1,657,370	989	494	DL7LX	"	8,190	46	45	*IK2OVT	"	80,352	172	144	
				(OP:DL2JRM)	SM3LBP	"	1,512	18	18	*VE7KAJ	"	79,560	243	156	
DK1FW	"	1,611,039	911	527	IZ3SQW	3.5	1,471,808	791	464	*IT9ACJ	"	76,320	176	144	
DL0HMK	"	1,602,255	966	479	EU4E	"	903,000	584	375	*VE3SST	"	73,250	202	125	
				(OP:DF2HN)	SV2BXA	"	788,900	561	350	*PG1R	"	72,618	172	147	
UV7V	"	1,433,124	871	484	IK3ORD	"	767,382	541	363	*DL4NER	"	71,103	155	137	
				(OP:UX1VT)	SP5DL	"	696,672	495	354	*SV8PMM	"	69,000	141	125	
UT3RS	"	1,311,380	926	476	S5Q	"	471,576	394	294	*DL8ZAJ	"	68,961	157	127	
VE2FXL	"	1,288,686	883	427	UT3N	"	212,716	289	214	*UY5QQ	"	65,100	150	150	
Y03RU	"	1,243,778	846	461	UN4PG	"	164,952	191	158	*EC7AT	"	63,992	194	152	
DH0GHU	"	1,162,544	703	452	YF3CYT	"	120	10	6	*JF1WNT	"	63,041	168	121	
VA1XH	"	1,138,440	744	424	YF3CYS	"	84	7	6	*IZ5FSA	"	59,605	148	131	
DF8QB	"	1,080,660	765	434	YF3DFB	"	40	5	4	*OK1BJ	"	58,179	153	123	
F5OAM	"	1,019,187	742	403	*ZZ2T	A	2,290,635	1219	545	*Y04RST	"	55,626	147	127	
GW5NF	"	1,004,805	755	405	*IK3TPP	"	1,962,378	988	583	*JE2BOM	"	52,530	142	103	
YQ6A	"	983,970	706	435	*CT7AJL	"	1,877,580	1107	513	*JA7MWC	"	51,584	152	104	
				(OP:Y06BHN)	*S57U	"	1,671,407	1001	469	*JA9LX	"	51,528	154	113	
LC1C	"	954,890	720	410	*OE2E	"	1,605,285	945	495	*JR9TUG	"	49,714	209	106	
DP9M	"	952,204	641	418						*8T8S	"	48,990	137	115	
				(OP:DL6NDW)	*R7MM	"	1,599,520	990	520					(OP:VU2AE)	
OE5BGN	"	951,048	680	408	*UT5EPP	"	1,576,988	1074	476	*OK1SI	"	47,672	116	101	
UR5CN	"	901,407	742	377	*ON5GQ	"	1,555,113	980	497	*PD0WR	"	43,505	126	113	
LX2LX	"	798,553	620	379	*LX5IGRY	"	1,512,480	875	460	*GW4JBQ	"	43,120	125	110	
				(OP:LX1NO)	*IT9VCE	"	1,426,620	987	465	*BH6KWC	"	41,019	152	113	
DL1NEO	"	715,806	492	399	*DL3SVA	"	1,365,210	882	462	*R6KEE	"	38,280	138	120	
LY400	"	681,291	538	351	*VE3DZ	"	1,343,160	894	455	*SV2/SV7CUD	"	37,142	111	98	
RO9A	"	644,385	529	357	*F8BDQ	"	1,157,940	725	420					(OP:SV7CUD)	
OE2LCM	"	610,644	500	337	*SE4E	"	1,131,936	807	416	*DM3PKK	"	36,360	114	101	
IZDJX	"	585,980	495	353						*EW1P	"	34,823	114	97	
IK1BPL	"	536,406	492	338	*4U1A	"	1,104,450	746	398	*SF5M	"	34,216	113	104	
XE1HG	"	500,992	630	304										(OP:SMS5YO)	
UR4EI	"	485,268	495	318	*ER1PB	"	1,093,036	796	379	*IK8ARF	"	33,708	113	106	
UZ5ZU	"	453,568	481	304	*EF8O	"	962,340	640	373	*JA1IE	"	33,215	120	91	
DF1LON	"	439,485	394	353						*YL2IP	"	32,334	112	102	
WA7FC	"	429,216	601	272	*RW7M	"	960,300	811	396	*DF1LX	"	30,728	101	92	
IW3FVZ	"	411,220	394	290	*UX7QV	"	940,752	806	376	*SP9HZW	"	26,487	93	81	
HA0HW	"	289,560	335	228	*OG3P	"	923,292	660	412	*OG4M	"	26,481	107	97	
IZ4FUE	"	270,912	342	249						*OP0J	"	26,160	101	80	
IK2QIN	"	267,336	337	237										(OP:ON5GF)	
DF2LH	"	248,148	301	226	*EA8PT	"	917,228	650	403	*LA8OKA	"	24,928	96	82	
DJ8EW	"	246,240	295	240	*VE2BVV	"	791,056	646	392	*ZL3VZ	"	24,414	88	78	
J07KMB	"	223,776	312	216	*MW9W	"	689,409	606	353	*UR5XMM	"	23,004	91	81	
VU2DED	"	199,310	276	190						*DL5GAC	"	22,517	99	89	
JN3SAC	"	195,083	282	203	*G00SUP	"	686,810	517	397	*JM8FEI	"	19,698	99	67	
JA3HBF	"	189,420	300	205	*TI2OY	"	616,050	652	333	*UT5UHX	"	18,942	89	82	
IZ1PLH	"	187,425	256	225	*UR7CB	"	606,210	571	334	*JJ1KZZ	"	17,810	70	65	
R3YC	"	167,056	301	197	*YT1TX	"	603,372	507	308	*PH4E	"	17,043	77	69	
V31FO	"	159,954	218	159	*KH6CJG	"	581,166	446	249	*SD6M	"	16,827	86	79	
				(OP:DH8BQA)	*IU8DKJ	"	540,834	655	326	*JG3SVP	"	16,776	91	72	
DL1DAW	"	153,126	242	181	*OG95AA	"	493,000	517	340	*OH8GET	"	16,048	75	68	
LU1BJW	"	149,100	280	175										(OP:SV7CUD)	
7L4IQU	"	123,508	244	154	*OG8T	"	486,972	496	334	*SP5BUJ	"	1			

*JA8CEA	"	4,800	40	40
*JE2CPI	"	4,389	38	33
*VU2EEI	"	4,256	36	32
*VO2AC	"	2,604	32	28
*JA8KGG	"	2,070	25	23
*HDXD	"	1,880	20	20
*JA7FDA	"	1,155	23	21
*PY2XC	21	63,315	170	135
*L77D	"	45,235	148	109
(OP:LU6DC)				
*UR5QU	"	31,752	130	108
*YV1SW	"	18,174	85	78
*YT8A	"	14,544	86	72
*IK0PRP	"	13,794	80	66
*I3FGX	"	12,276	75	66
*IK2TDM	"	6,272	53	49
*M7P	"	2,844	38	36
(OP:G6NHU)				
*IW9FDD	14	436,482	576	354
*UR2Y	"	428,922	535	351
(OP:US0YW)				
*IZ8EFD	"	396,535	496	355
*IK4LZH	"	291,078	424	309
*R5ACQ	"	276,318	438	301
*EW7BA	"	218,430	362	270
*0Q4B	"	191,439	331	239
(OP:ON4BHQ)				
*VE3TM	"	166,852	303	236
*DL3KVR	"	160,035	294	235
*Y02IS	"	149,408	294	232
*DF4WC	"	133,760	273	209
*DL4FCH	"	113,629	247	199
*MM2T	"	65,286	190	162
*IK4DCX	"	62,424	173	153
*JK8PBO	"	51,604	154	133
*RA9AFZ	"	43,440	128	120
*R3LC	"	36,176	140	119
*UA4WGM	"	25,724	118	109
*9G2HO	"	21,420	91	84
(OP:9G5SA)				
*KP4JFR	"	11,222	69	62
*RA4L	"	8,645	67	65
*JA4RMX	"	7,850	58	50
*EA2CCG	"	5,661	55	51
*G4NXG/M	"	5,220	46	45
*DU1/P65V	"	846	19	18
*SP5XOV	"	510	15	15
*UR5WCQ	7	743,208	500	358
*OK2RU	"	677,758	466	349
*IW2MXY	"	563,550	436	325
*ED4T	"	439,704	366	279
(OP:EA4CWN)				

*KP3LH	"	369,846	370	243
*Z37DX	"	328,636	333	242
(OP:KP3LR)				
*EA2BNU	"	320,640	322	240
*DL5KUD	"	296,000	302	250
*2E0CVN	"	199,200	248	200
*Z39A	"	198,018	251	193
*CM8NMN	"	135,150	198	159
*VE1OP	"	112,420	171	146
*MM1PTT	"	108,936	177	153
*OK1PMA	"	60,720	129	115
*IV3IXN	"	58,032	117	117
*YB2WA	"	47,840	142	92
*JF3PLF	"	32,706	106	79
*WP4WW	"	31,600	89	79
(OP:KP4JRS)				
*PP7DX	"	28,826	77	71
*JH1APK	"	5,340	33	30
*JH4FUF	"	2,808	27	26
*EU6AA	"	2,544	25	24
*JA3HKR	"	768	12	12
*S04NR	3.5	1,036,112	654	406
*DF1MM	"	901,600	613	400
*U22HZ	"	880,896	598	384
*OK4GP	"	728,460	504	355
*E77EA	"	724,880	533	340
*UT5PY	"	613,760	504	320
*IX1GLD	"	455,182	414	287
*S53NW	"	445,356	414	278
*IZ3KKE	"	420,320	385	284
*RU4I	"	297,600	319	248
*UA5F	"	271,200	299	240
*S52WD	"	241,108	293	218

*IW2HUS	"	229,512	281	219
*SP5VIH	"	228,060	286	210
*M6BIR	"	147,060	225	171
(OP:Z33F)				
*LY2EW	"	136,224	211	172
*HA1WD	"	109,440	188	152
*S53BB	"	102,102	186	143
*EA4DB	"	64,560	136	120
*9A1AA	"	61,180	135	115
*SQ9PPT	"	45,136	119	104
*JF3BFS	"	12,960	86	60
*IZ500X	"	11,088	61	56
*IK2L0L	"	6,004	39	38
*Z33F	"	4,356	34	33
*9M4DXX	"	2,000	20	20
(OP:JE1SCJ)				
*YC2VOC	"	1,520	27	20
*JA0GCI	"	966	21	21
*YG3FZT	"	2	1	1

CHECK LOGS

406GAS, 9A6TT, CA5GRF, C06HZ, CX2AQ, D9K, DJ6YX, DL4ZBY, DL5FU, DL7AU, DM3BJ, DM4JK, D04TP, E71AP, EA1AY, EA4IE, EA5NB, F6GEU, GM4UQG, I0MOM, I2BRT, I4UUL, IK2MXM, IQ2CJ, IT9NLE, IV3HAX, JG2GSY, K1EJL, KB8ECG, KC1ERO, KC3FCB, KC8MUE, KE0TT, LA4NL, LZ1JZ, LZ1KDP, LZ1YF, N2LK, O55TKM, OE6FTE, OH3LQK, OK1FAK, OK2BHD, OK2BZ, OK2PAD, OK3PJ, OM5CD, OM5NA, OZ/E78KM, PA3I, PE1FJN, R2PA, RA3FD, RA4DB, RM4W, RN4CA, RV3LO, RW0A, RW3RN, RW4NN, RY6AAG, S5/E75IBH, SM5MX, SO3O, SP2MKT, SP4W, SP6CES, SP6CZ, SP6GCU, SV1PMQ, SV3QUP, UA3RAB, UA4NCI, UA6JQ, U10L, UN7LAN, UT7JX, UW5RG, UX2IN, UY5HF, UZ7HO, VE7LGP, WA2IVD, WA8CLT, W04O, XE1RF, YD3RJL, YL2VWV, Y02GMI, Y05PBF, YT9A, YU/E74DE, YU40IZ



LY9Y's antenna farm.



Andy, LY9Y, and son Andy, LY7Z, operate as LY9Y and take 6th place in Multi-Two.

Looking Ahead... Here are some of the articles we're working on for upcoming issues of **CQ**.

- * Results: 2019 CQ World Wide 160-Meter Contest
- * The Kits of Dayton
- * QRP: Powering Up With Lithium

Plus...

- * Rules, 2019 CQ World Wide DX Contest

Upcoming Special Issues

October: Emergency Communications

December: Technology

February: QRP

June: Take it to the Field

Do you have a hobby radio story to tell? Something for one of our specials? **CQ** now covers the entire radio hobby. See our writers' guidelines on the CQ website at <<http://bit.ly/2qBFOdU>>.