

Number groups after call letters denote following: Band (A = all), Final Score, Number of QSOs, Zones, and Countries. An asterisk (\*) before a call indicates low power. An A after the band indicates an Assisted category. Certificate winners are listed in bold. Late logs are listed in italics. (All country terminology reflects the DXCC list at the time of the contest.)

## 2022 CQWW DX CW RESULTS

### SINGLE OPERATOR NORTH AMERICA

United States  
District 1

<b>W1KM</b>		<b>A</b>	<b>7,998,008</b>	<b>4489</b>	<b>128</b>	<b>456</b>
N1UR			5,697,900	356	126	459
K1DG			5,620,932	3368	131	448
KQZM			3,946,824	2864	118	374
W1W6F			3,850,100	321	48	142
W1JQ			2,482,500	1809	114	386
K1RU			2,115,195	2178	81	264
NB1N			1,581,910	1421	87	307
K1RM			1,190,350	1184	84	266
N2ZA			684,817	699	91	270
W1AT			331,149	458	73	200
N1NM			169,100	321	48	142
W1OHM			47,616	152	38	90
W1/S			23,956	96	35	71
W1/PY1MX			14,841	94	37	60
W8HMK			4,256	56	21	35
AE1D			576	12	6	10
<b>K1IB</b>		<b>28</b>	<b>4,114</b>	<b>47</b>	<b>13</b>	<b>21</b>
<b>W3AKD</b>		<b>14</b>	<b>8,925</b>	<b>95</b>	<b>13</b>	<b>38</b>
<b>W1HI</b>		<b>3.5</b>	<b>85,257</b>	<b>242</b>	<b>17</b>	<b>68</b>
<b>K1ZM</b>		<b>1.8</b>	<b>48,807</b>	<b>222</b>	<b>21</b>	<b>66</b>
W1HIS			3,552	38	10	27
W1ABXY			2,430	51	10	20
<b>*K1XB</b>		<b>A</b>	<b>2,820,103</b>	<b>2164</b>	<b>101</b>	<b>350</b>
K1YUW			2,140,261	1650	108	359
N1DC			1,063,474	1009	88	291
*K1HT			835,704	765	116	303
K1YV			758,002	683	99	307
N1CGP			481,770	565	77	241
K1IU			235,563	365	56	177
*W1EDX			116,028	275	57	141
*K1E1			85,058	213	30	112
*W1ZU			69,600	185	39	111
*W1MJ			62,729	160	44	105
*W1SP			62,357	186	65	91
*W1V1V			51,322	188	33	101
K1IAV			39,270	142	31	71
*W1AL1D			37,050	113	52	98
*K1IDB			22,448	120	28	64
*K1ARR			7,176	64	28	41
*A1J1DM			6,579	48	17	34
*W1CE0			6,350	265	16	40
*K1BFGC			5,580	62	24	38
N1AM			4,935	40	19	28
*W1K1			3,496	55	29	48
*K1B1CT			1,204	17	12	16
*W1YGT			0	26	8	15
<b>*AB1J</b>		<b>28</b>	<b>61,290</b>	<b>244</b>	<b>20</b>	<b>70</b>
*W1TO			3,658	41	24	41
*W1/V			1,764	19	7	19
*W5OV		<b>21</b>	<b>450</b>	<b>12</b>	<b>3</b>	<b>10</b>
*AA1ZX		<b>14</b>	<b>510</b>	<b>10</b>	<b>7</b>	<b>10</b>
*K1GAU		<b>7</b>	<b>48</b>	<b>16</b>	<b>5</b>	<b>7</b>

District 2  
(OP: N2)M

<b>N5DX</b>		<b>A</b>	<b>11,640,105</b>	<b>5871</b>	<b>154</b>	<b>547</b>
K2NV			3,065,198	2312	382	143
N2GC			2,405,720	1549	123	425
KR2AA			2,086,884	1724	102	350
W2XL			1,912,407	1714	95	304
KN2M			1,395,968	1137	109	339
W2OIB			686,585	695	98	291
WS9M			604,624	622	98	270
NS2N			378,508	536	73	203
WA2JQK			320,144	438	97	275
KE2SD			247,536	447	51	165
KN2FU			203,762	369	55	166
K2ZPM			176,262	251	54	132
W2KU			67,500	211	48	132
WA2BMH			57,670	145	47	99
K2UA			39,257	197	25	73
K2YV			49,442	151	34	74
N2AXX			24,687	88	47	70
W2CN			21,888	90	35	61
KD2UBH			7,107	53	27	42
KC2KZJ			5,500	51	12	32
<b>AH2O</b>		<b>28</b>	<b>39,600</b>	<b>160</b>	<b>19</b>	<b>71</b>
AF2F			36,210	150	19	66
<b>KU2M</b>		<b>21</b>	<b>659,360</b>	<b>1558</b>	<b>32</b>	<b>119</b>
<b>N2MF</b>		<b>14</b>	<b>930,560</b>	<b>2100</b>	<b>36</b>	<b>124</b>
<b>K2AF</b>		<b>7</b>	<b>5,967</b>	<b>76</b>	<b>11</b>	<b>28</b>
AA2DT			1,239	20	6	15
<b>WF2W</b>		<b>1.8</b>	<b>36,267</b>	<b>361</b>	<b>18</b>	<b>59</b>
<b>*K2ZR</b>		<b>A</b>	<b>521,236</b>	<b>643</b>	<b>80</b>	<b>231</b>
*KE2WY			488,053	607	74	249
*N2PI			381,960	417	75	235
*K2AIFR			281,952	404	73	194
*KD2ZEL			204,930	377	68	185
*W2BFUV			202,016	325	60	176
*K2TWI			194,469	326	55	158
*W2NVT			113,400	214	56	144
*AC2OZ			105,732	224	53	125
*AA2CW			82,688	272	44	108
*WAZVQF			63,222	190	27	96
*N2BZD			43,810	131	32	98
*K2MEN			34,656	130	34	80
*W2QL			27,800	116	28	72
*W2BEW			27,468	117	35	74
*W2CY			25,877	99	41	72
*W2NPT			18,758	87	28	55
*K2BGD			13,520	62	29	51
*K2MM			11,856	72	23	53
*A1ZU			8,715	107	23	60
*K2SCH			7,259	48	17	44
*K3WHH			4,307	50	20	39
*K2JF			4,160	44	17	35
*K2ZJ			3,360	35	19	29
*KD2RSI			2,800	25	15	24
*W2KWC			2,304	30	11	21
*K2IZ			1,891	26	9	22

*W2VAM			520	12	9	11
<b>*KD2P</b>		<b>28</b>	<b>29,308</b>	<b>157</b>	<b>17</b>	<b>51</b>
*K2CS			12,300	97	15	35
*W2YK			12,208	79	13	43
*W2LC			7,638	70	8	30
<b>*W2TZ</b>		<b>14</b>	<b>27,542</b>	<b>208</b>	<b>7</b>	<b>40</b>
*W3EH			2,160	30	11	19

District 3  
(OP: K2)W

<b>K3ZO</b>		<b>A</b>	<b>3,624,080</b>	<b>2520</b>	<b>124</b>	<b>385</b>
K3UL			2,277,254	1587	138	415
WG3J			2,127,125	1785	108	347
K3TC			1,363,332	1032	113	376
N3FCP			1,223,163	1015	99	338
W3KL			779,418	878	82	236
K3VA			358,092	516	61	191
*K3GK			214,092	384	61	139
NC3Y			179,157	344	49	134
WS3M			91,690	311	43	130
K2ACX			64,008	177	36	90
WA3GM			43,164	132	40	92
K3JL			31,978	108	34	84
N3WMC			19,215	90	36	69
*K3HW			13,984	68	28	63
K3DU			6	216	6	6
<b>K3GW</b>		<b>21</b>	<b>4,180</b>	<b>37</b>	<b>14</b>	<b>30</b>
<b>W03Z</b>		<b>7</b>	<b>51,709</b>	<b>214</b>	<b>24</b>	<b>65</b>
<b>W3BGN</b>		<b>3.5</b>	<b>126,400</b>	<b>548</b>	<b>20</b>	<b>84</b>
<b>*K3AU</b>		<b>A</b>	<b>1,325,796</b>	<b>1255</b>	<b>94</b>	<b>294</b>
*K3SWZ			710,190	690	101	289
*K3UW			443,703	322	46	137
*K3DU			326,400	426	90	210
*N2EY			218,496	410	42	150
*W3PNN			215,968	359	70	202
*KD9MS			191,586	352	59	163
*W3B2FUE			177,160	327	56	150
N3FR			147,960	268	69	147
*K4EN			128,000	248	91	139
*W3B3DP			53,730	156	31	99
*K3FK			53,400	183	31	89
*W3A3EQ			51,984	155	44	100
*W3AEDU			46,095	158	28	77
*AC3EK			35,532	132	35	91
*N3TB			25,511	100	32	65
*W3GK			22,680	81	46	74
*W3KJ			18,426	85	33	66
*W0BRYV			15,470	86	25	60
*W3B3GD			7,688	50	25	37
*N3JNX			7,482	82	22	36
*W3A3RS			4,576	55	22	30
<b>*WA1HER</b>		<b>28</b>	<b>8,281</b>	<b>73</b>	<b>13</b>	<b>36</b>
<b>*KE3ZT</b>		<b>21</b>	<b>21,648</b>	<b>118</b>	<b>15</b>	<b>51</b>
<b>*K1E1F</b>		<b>14</b>	<b>29,835</b>	<b>150</b>	<b>20</b>	<b>65</b>

District 4  
(OP: N4)Y

<b>NR3X</b>		<b>A</b>	<b>5,681,676</b>	<b>3575</b>	<b>144</b>	<b>458</b>
N7TCW			5,192,950	3689	127	391
N4AF			3,195,840	2340	104	376
K4ZW			1,962,281	1617	103	318
K4PV			1,903,990	1811	103	315
N4CW			1,712,625	1596	82	293
K4OJL			6,104,925	345	106	303
W4CB			1,209,245	1173	89	276
K2PS			1,149,588	1051	97	299
WNTS			1,005,082	959	89	314
W4N2			833,185	837	100	255
N6NT			770,070	723	98	301
W4G4			738,364	610	87	263
N4WVW			647,130	671	80	238
N2FT			582,000	671	98	277
K4WV			562,922	696	71	227
N4CC			507,647	584	85	244
W4TMO			475,242	586	74	235
AC4G			452,295	498	100	245
W8FN			451,528	543	73	235
N4SAS			442,530	374	62	203
NSTOO			350,796	577	72	178
W3SA			269,016	394	71	193
N4EK			253,270	415	55	160
K4JZ			218,193	315	85	195
N2190			211,904	334	59	165
K2T4XN			176,616	365	53	145
N4GN			152,308	131	67	203
W4JF3			143,856	254	70	146
K4FOY			142,992	307	62	154
K7OM			141,316	276	66	140
N9CB			136,128	295	56	132
W4YZT			103,812	239	43	121
K4AR			52,535	148	43	90
K4AVX			51,208	174	49	99
W4JF5			49,359	154	47	94
N2UO			43,596	125	35	91
K4WCW			33,232	111	49	75
W4AEUL			25,066	120	26	57
N4WE			20,828	96	23	59
W4UT			15,247	71	31	48
AA2AZ			11,180	73	28	44





*JA1SKE	4,200	52	15	25	*J4WHS/4	177,576	380	68	128	J49LNZ	28	1,281	27	11	10	OESBKC	A	Austria	150	42	70	OK1XC	28	80,156	360	31	85
*J1ESPY	1.8	924	41	10	*J4MTR	170,560	328	72	133	J49NEN	7	5,986	64	17	24	OEBV	A	27,552	150	42	70	OK1FZM	28	7,350	55	20	29
District 2		2,183,103		2060	142	281	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	OK1DW	21	1,177	17	17	
JF2QNX	A	2,183,103	2060	142	281	*J4ALCI		30,281	120	43	64	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
J42AXM		718,984	846	117	230	*J4ADTC		29,648	118	50	59	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JR2PMT		545,566	708	94	199	*J4AFNC		17,172	92	32	49	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JE2BOM		284,580	426	88	167	*J4AVPS		12,159	91	30	37	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
J24VHO		222,500	498	64	114	*J4BQD		7,823	79	33	37	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JR2DLS		81,216	173	77	119	*J4CJHN		3,856	34	18		*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
J52MIR		187	48	80		*J4DAPH		1,650	25	4	18	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JF2FIU		45,195	90	52	63	*J4EJFH		1,525	23	10	15	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JF2GUV		30,591	119	40	63	*J4FUFN		230	9	5	5	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
J24DHF		28,496	124	40	64	*J4GARD		48	4	3	3	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
J42JWH		18,232	88	41	45	*J4HJUN		230	9	5	5	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JR2PAU		10,736	78	29	32	*J4IOPW		27,436	202	16	60	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JF2CTS		5,035	43	24	29	*J4JQJG		10,088	100	13	39	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
J42VZV		736	16	12	11	*J4K2EC		298,287	882	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JH2KKW	28	21,045	138	24	30	*J4K1HC		286,688	570	82	207	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JR2PZX		13,617	117	21	30	*J4K1HG		285,978	1055	49	182	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JR2IOB		21	232,024	883	32	72	*J4K1HE		277,535	827	51	184	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132
JE2PCY			70,818	348	25	62	*J4K1HU		243,270	691	58	197	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132
JR2SCJ	14	343,560	946	34	106	*J4K1HV		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JR2ZM		3	3	3		*J4K1HW		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
JE2OTY	3.5	4,700	61	15	32	*J4K1HX		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*7K1MAG2 A		327,294	526	89	172	*J4K1HY		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JA2VW		288,288	477	94	158	*J4K1HZ		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*J2RPFJ		235,872	413	75	149	*J4K1IA		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*J2GRHP		159,600	351	65	125	*J4K1IB		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JR2NHJ		116,928	250	64	110	*J4K1IC		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JA2KJW		109,592	101	27	47	*J4K1ID		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JR2RIH		86,240	208	57	103	*J4K1IE		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JM2LEI		83,898	206	56	102	*J4K1IF		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JF2SKV		83,752	252	62	90	*J4K1IG		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JP2XYT		69,641	197	54	79	*J4K1IH		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JA2QVP		54,280	172	47	71	*J4K1II		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JH2MYN		39,728	144	47	57	*J4K1IJ		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*J2BQJ		18,180	101	27	47	*J4K1IK		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JE2DD		7,155	65	19	26	*J4K1IL		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JS2AZO		5,880	60	21	28	*J4K1IM		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JA2IFW		4,700	40	21	26	*J4K1IN		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JS2ITI		3,182	32	16	27	*J4K1IO		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*J2IWIN		2,808	56	23	29	*J4K1IP		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*J2IXA		1,612	30	13	13	*J4K1IQ		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*J2JZJU		1,458	28	11	16	*J4K1IR		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*J2JCM		1,181	18	11	13	*J4K1IS		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JO2XYK		391	15	9	8	*J4K1IT		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JA2YBG		96	11	7	9	*J4K1IU		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JL2TAW			42	3	3	*J4K1IV		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*J2AKCA	28	22,382	146	26	36	*J4K1IW		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JE2HJC		19,516	114	24	44	*J4K1IX		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JA2KJW		10,124	204	23	33	*J4K1IY		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JR2TRC		1,624	36	14	15	*J4K1IZ		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JL2MWW		1,239	23	7	14	*J4K1JA		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JF2KWM	21	15,624	99	19	43	*J4K1JB		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JA2OZM		10,400	104	17	33	*J4K1JC		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JR2NTC		2,870	43	13	22	*J4K1JD		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*J2NLH		2,190	29	11	19	*J4K1JE		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JO2XYV		6	1	1	1	*J4K1JF		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJG		A	71,040	820	132	132	
*JF2KJW	7	2,475	31	16	1	*J4K1JG		235,964	627	64	189	*J4JLIT		70,699	287	56	37	10	14	OEJ							











KG3V	104,574	217	49	125	KMSG	1,977,448	1439	125	381	W6TMD	30,226	114	44	75	*K17VEM	28,213	197	43	46	W9DGI	16,610	70	46	64		
AC2AC	100,672	219	45	131	K5CS	1,412,073	1246	115	332	N6VOH	26,487	129	51	58	*N6AGJ	25,916	148	56	68	N7MB	9,452	53	26	42		
N6DW	96,408	179	71	135	W6TK	1,250,074	1183	104	302	K6MI	25,991	127	29	50	*K07LEE	23,766	189	47	55	K0PG	7,480	59	36	52		
K3ZGA	88,722	213	48	111	K5TU	1,221,204	1023	114	333	N6VH	25,740	107	42	48	*K17A	15,552	83	31	41	K9EL	3,036	24	23	23		
N4QI	77,810	184	44	111	N5EE	1,176,630	1013	117	334	K6XJ	22,556	92	41	50	*W2XJ	12,665	68	37	48	AG8S	59,202	227	33	76		
N4DE	74,920	191	48	111	N5ZL	1,142,842	991	124	342	AJ2TL	11,682	68	24	58	*K12E	11,682	68	24	58	W21A	57,704	227	33	76		
K4OV	74,298	151	55	128	K5KLA	1,038,510	765	115	380	W6EO	11,685	127	42	53	*K17G	10,877	58	31	42	N9CO	438,353	1036	31	120		
W4PF	74,261	174	47	110	K5UV	849,960	871	102	258	K6BCA	4,284	51	22	29	*K67HDX	8,385	48	25	40	K9LA	33,669	107	29	100		
N3PV	66,882	157	67	146	W0VX	746,102	703	103	286	WD6T	3,870	39	17	28	*W4IDJ	7,350	53	21	28	W9PA	340,650	811	34	116		
AE4ED	63,080	138	48	118	N5XZ	734,022	705	103	291	N6PM	1,540	21	13	15	*K5HDU	6,084	65	21	18	N9AU	149,467	430	32	105		
K4X4	59,532	135	48	116	N5KD	725,308	745	99	259	K6PO	18,364	142	17	30	*N7MT	5,977	51	19	24	W9RN	103,936	314	31	97		
N4U4	48,230	136	32	98	W9DCT	723,976	643	109	309	K6DB	19,360	268	28	77	*W7A7XY	5,635	48	24	25	N5RL	45,217	120	27	76		
W4BUB	43,065	143	50	85	K5CA	654,282	740	92	244	N6KA	53,406	228	28	58	*K7NXL	5,187	64	22	35	W6BU	1,664	24	10	16		
KE4ES	34,542	20	38	76	W5TM	632,502	554	129	330	N6RA	8,550	154	16	16	*W6TQMR	2,278	22	12	12	K9GS	3,54	225,375	670	28	97	
KT4O	34,138	118	28	73	K5TIA	446,823	517	100	251	*K6NPIE	26,180	163	45	45	812	19	15	13	23	N9AW	3,040	39	12	28		
AD4IE	30,926	120	20	74	W0BOTE	371,090	330	116	314	*K6W6AA	210,683	337	90	173	*N2WLG	6,808	66	17	29	K6GX	1,949,480	1389	136	384		
N4LZ	28,611	108	36	63	K1JD	325,414	432	93	196	*AA2IL	162,996	305	74	130	*W77S	21,574	128	23	44	*WE9R	1,794,654	1233	129	408		
N0SMX	22,230	86	21	69	K5LJ	290,377	329	89	234	*N0C6RJ	86,424	207	64	92	*W0BF	11,375	78	21	44	*K9PW	626,133	677	89	250		
W3BD	21,450	81	39	71	W2GS	281,775	403	88	177	*AA6XA	42,003	148	49	68	*N7ESU	5,311	54	18	29	*KYOO	351,036	433	74	220		
W4AZ5LA	21,170	110	18	55	N5XJ	255,635	442	62	153	*K0D7J	37,570	113	46	69	*K1TOP	434	19	8	6	*AB9YC	340,118	367	90	256		
K4MWB	20,806	81	35	66	K5TG	245,178	299	89	229	*W6RQ	37,070	126	41	69	District 8					*W9KM	290,985	391	82	197		
KT4Q	17,784	80	23	55	K5DU	243,076	345	83	185	*K6NPIE	26,180	163	45	45	W3AC	3,392,356	1862	141	511	*W19O	259,116	347	83	203		
K4KZ	13,572	69	31	47	K5MXG	238,272	300	91	201	*K45WSS	24,424	108	40	46	W8MJ	3,129,950	1993	138	452	*N5RP	224,058	381	56	158		
W4NXP	9,724	62	24	44	K5LY	196,602	354	61	156	*K16OY	23,184	130	37	35	K1LT	2,100,054	1157	149	528	*K9DCLX	190,750	328	52	165		
KB4FB	8,946	49	25	46	N5JJ	192,241	371	70	133	*N0U6T	23,140	103	42	47	N4RA	2,055,674	1266	133	454	*W3BLEY	200,530	338	63	156		
N0D4G	8,875	49	26	45	K5FP	187,078	398	75	133	*AB6BR	21,670	95	51	59	*N8NO	2,089,4	72	44	58	*K9OC	158,400	266	64	176		
K4AEN	8,051	66	26	57	K7JA	184,704	316	70	152	*N8NO	20,094	72	44	58	W4LX	1,186,917	1259	120	367	*K9OC	158,400	266	64	176		
N4ES	7,465	22	16	284	K5CA	175,000	182	94	144	*W6LX	56	9	56	92	K6IDY	1,602,951	981	94	305	*W3WQ	152,710	362	48	157		
KS4X	1,960	20	12	90	N5EA	183,542	335	58	136	*K6XA	9,088	57	36	35	N8WU	1,112,915	981	94	305	*W3WQ	111,610	210	63	107		
N3ND	1,702	25	7	16	A5FJ	157,296	257	73	159	*K6ST	8,533	73	25	28	K8MM	900,720	749	100	332	*AG9A	107,040	192	82	141		
K5KJ	28A	218,694	631	27	103	W5LE	141,680	254	71	149	*AE6PL	2,480	28	20	K8IB	617,312	604	106	276	*K8GYL	81,450	212	48	102		
K4WI	204,378	568	28	110	K5DB	132,088	373	44	104	*K6N6Y	460	36	22	24	N0BC	549,185	556	91	264	*N9SB	66,504	178	40	96		
NE8P	148,953	427	27	96	N5WNG	130,806	209	80	158	*K6EI	352	8	8	8	K8G	543,744	607	90	264	*K9CPO	57,420	152	48	97		
W4DD	92,628	262	29	65	K5MV	113,032	215	58	141	*K5CAO	24	2	2	2	NR8Z	496,059	543	76	251	*K7CS	48,000	142	42	86		
K4NMR	59,150	237	24	67	W5DSBV	109,178	309	40	118	*K8AMH	447,120	475	97	263	W8AKW	447,120	475	97	263	*W9TFFH	34,680	132	47	89		
N4K7	59,867	14	9	12	K5CA	103,664	183	24	94	*K9HK	368,562	428	14	43	N4EL	287,595	411	63	186	*K9DQIN	27,423	108	35	64		
KE4S	21A	150,890	422	27	103	K5WA	99,900	242	56	124	K8AG	282,569	414	59	200	NR8Z	273,304	360	79	212	*K9XR	11,934	54	30	48	
K3DNE	34,425	160	24	57	K5NA	98,468	180	77	129	W8AKW	273,304	373	75	194	W8UO	232,408	376	85	193	*W9LU	8,120	51	19	39		
N9NW	14A	10,800	56	21	4	K5KJ	72,668	193	59	89	K8TS	232,408	376	85	193	N4LSJ	221,343	306	73	194	*AA9RK	7,280	53	23	33	
K4MQM	1,400	20	9	19	A1SEJ	69,345	143	66	135	N7XU	1,632,848	1214	141	347	W8EJ	177,723	90	66	151	*K9VJ	159,937	53	32	77		
K64KYD	756	16	7	13	W3H3/5	67,039	174	49	108	K7QA	1,478,840	1280	131	309	N8BE	1,212,332	976	131	336	*N8BE	6,678	116	16	37		
AD4J	7A	69,984	271	20	76	K5SM	53,482	138	36	107	K7WP	1,212,332	976	131	336	N9RC	111,690	193	69	150	*N9PV	5,568	41	16	31	
W32CL	346,290	481	59	166	K5ZB	52,420	162	49	91	W5ZL	1,036,816	815	139	334	W8LW	107,998	232	59	123	*N8HW	4,914	37	22	32		
W4PK	3.5A	27,335	144	16	55	N0VRP	49,911	140	39	92	W7ZR	1,027,540	955	125	290	K8RPW	100,620	256	60	200	*K9DRS	1,696	21	15	17	
K2KW	1.8A	11,387	136	15	44	W5LSX	44,525	129	52	85	K7KP	1,018,654	1057	116	261	W8AKN	98,375	220	58	117	*N9BA	9,830	15	10	12	
*N4XL	AA	1,504,956	1120	121	377	K5AX	44,523	121	60	93	N7EPD	1,014,307	1169	104	225	K8JO	70,375	209	35	90	W8BI	28A	63,852	227	28	16
K4OAO	1,215,149	988	111	332	W5ALHM	40,479	179	47	84	N7EPL	1,077,678	1027	118	260	N8N5	59,580	153	66	114	*N8HO	55,719	145	40	111		
*W4N4FP	796,860	820	94	286	N5UJ	27,440	128	37	61	W6ATO	1,036,816	815	139	334	W8YU	50,715	140	39	108	District 9						
*KY4ID	710,973	670	100	301	K5CI	14,525	168	34	49	W7ZR	1,027,540	955	125	290	W2BRPW	100,620	256	60	200	*K9DRS	1,696	21	15	17		
*K4FT	696,764	682	92	262	K6SVK	10,934	59	24	47	K7KF	1,018,654	1057	116	261	W8AKN	98,375	220	58	117	*N9BA	9,830	15	10	12		
*A4DO	659,640	671	92	280	N5AE	82,564	62	19	45	K7ZQ	1,014,307	1169	104	225	W8AJ	94,454	244	40	125	W8BI	21A	256,452	635	30	112	
*N4PSE	656,036	592	105	304	N5GM	9,263	60	23	36	K7CV	818,958	809	109	248	K8JO	70,375	209	35	90	W8BI	7A	30,680	130	21	89	
*KW4YA	622,909	694	92	279	N5NEN	5,015	43	24	35	K0SN	745,059	780	98	259	N8N5	59,580	153	66	114	*K9MCK	7A	2,414	30	10	24	
*KY4GS	573,016	654	83	245	K4J5	2,272	24	10	22	W7CXX	627,120	705	112	248	N8HO	55,719	145	40	111							
*K2MK	550,800	667	77	223	W5GAI	1,274	23	9	17	W7GES	598,092	580	117	277	K8YU	50,715	140	39	108							
*N4WD	433,411	472	83	258	K5LG	13,608	95	18	45	KH7X/W7	572,232	729	125	297	W85AV	47,854	128	45	97	N9AV	AA	2,610,387	1557	148	455	
*W4HT	402,210	450	73	254	W5WYOM 14A	39,144	188	21	63	W7VO	510,447	507	108	390	W8JVN	36,312	104	41	95	K0EJ	2,424,336	1686	143	386		
*K3ZV	346,290	481	59	166	K5ZB	52,420	162																			

*AKOMH	104,594	191	73	144	*VE7ZX	81,000	345	52	56	*TA71	AA	2,423,494	2262	85	309	Japan					*JA2VZL	162,588	336	74	130		
*KOMP	84,108	191	61	111	*VA700	65,807	403	37	42	*TA47C	105,995	232	71	124	District 1					*JR2ATZ	132,804	237	74	130			
*KOEK	80,772	201	62	107	*VA7RY	64,660	210	54	68	*TA4CS	15,550	32	21	54	3,382,236	2167	162	432	*J2A1Z	14,678	114	27	63				
*AFDE	25,725	176	55	115	*VE7IK	6,345	57	17	28	*2D1A	250,070	1047	22	63	JE1LFX	AA	1,720,895	1492	142	325	*J2A2A	28A	14,782	214	36		
*K9OR	62,700	143	55	110	*VE7BC	868	28	7	7	*Y4KJ	14A	60,480	353	14	50	JE1NVD	1,034,978	1185	118	240	*J2A2B	21A	131,784	472	33	81	
*WOYJT	53,400	165	53	97						*Y4KJ	264	10	3	8	JE1NDV	1,001,517	1094	116	247	*J2A2C	21A	101,152	364	31	85		
*WOYTJ	48,008	140	48	88	2F2S5	AA	6,297,366	4281	149	505						JE1NXL	974,529	1059	117	252	*J2A2D	14A	41,810	233	25	49	
*NOGM	32,504	145	44	92	Cayman Islands						China						JE1NXL	875,974	920	124	277	*J2A2E	3.5A	10,621	80	24	39
*KOWOI	30,140	111	40	78						BA5WV	AA	854,619	1120	98	241	JE1HFW	865,190	978	128	231							
*KNOL	26,700	118	20	61	Costa Rica					BA4DL	787,508	1325	97	216	JL1FHH	826,440	1028	119	236								
*K4EQ	26,334	99	41	73	TI7W	AA	137,940	513	27	87	BA3OM	772,260	1322	105	236	JL1HIZ	689,402	863	101	221							
*KOWRY	25,725	97	35	100	*TI5JON	AA	67,355	324	30	65	BG3JAY	745,747	1025	105	236	JL1IAZ	609,224	720	102	220							
*WBOWV	8,493	64	17	40	*CO8ZZ	7A	276,471	1052	26	91	BH1NGG	406,116	925	87	174	JL1JBC	579,420	645	59	217							
*KIOD	6,417	48	31	38	Cuba					BY4SZ	56,916	282	34	68	JL1JBS	513,925	605	113	224								
*W19P	6,174	42	29	34						BA4AEO	50,184	195	53	83	JL1JCS	469,395	696	95	190								
*K6MLL	4,644	33	26	28	Dominican Republic					BH1HWF	18,648	123	34	50	JL1JCV	420,856	706	77	171								
*W5GA	2,940	42	10	22	*HI3MM	AA	145,071	464	64	135	BD7MM	28A	393,080	1433	38	91	JL1JCS	338,169	449	106	193						
*K3SV	2,849	32	15	22	*HI3K	100,655	207	58	147	BA7JS	304,997	1213	30	89	JL1JCS	262,944	444	87	162								
*KJOP	1,836	25	18	18	*HI8RD	2,607	44	17	16	BG5TQX	78,020	420	28	66	JL1JCS	231,467	411	78	133								
*KEOKF	1,050	17	7	14	El Salvador					BD7MQ	28A	260,848	1144	29	83	JL1JCS	159,264	377	63	95							
*WB9NM	468	12	6	7	*YS1MS	AA	46,287	186	32	79	BA7QT	231,800	911	29	93	JL1JCS	141,000	282	69	114							
*WOJOP	408	10	7	10	Greenland					B4SDT	3.5A	4,674	116	22	JL1JCS	129,516	381	55	74								
*K7BG	48	3	3	3	OX7AM	AA	3,289,034	3447	90	296	BA5DX	1,980	98	10	12	JL1JCS	123,150	299	41	109							
*K9GU	28A	60,696	233	25	71					*B9A	AA	1,775,922	1741	97	294	JL1JCS	114,536	226	70	136							
*K9JW	21A	123,829	386	6	8					BY6BB	889,243	1261	106	319	JL1JCS	108,680	204	78	142								
*N9JUS	14A	20	1	3	2										JL1JCS	91,262	233	73	109								
*K9KT	3.5A	14,012	101	13	49										JL1JCS	70,528	645	59	117								

**NORTH AMERICA**

NL7V	AA	85,044	241	57	100	Guatemala				*BH4TOX	780,224	1263	105	229	JE1LFX	AA	1,720,895	1492	142	325	*JA2VZL	162,588	336	74	130	
AL2F	AA	3,352	150	48	54	*TG9ADM	14A	9,211	60	17	44	BG2AUE	623,934	872	93	213	JE1NDV	1,034,978	1185	118	240	*J2A2A	28A	14,782	214	36
NL7S	21A	14,014	119	20	29	Mexico				BA4TB	380,160	596	77	179	JL1FHH	826,440	1028	119	236	*J2A2B	21A	131,784	472	33		
V31CQ	21A	942,704	2632	34	118	*XE1KK	7A	42,020	152	33	77	BH7OP	364,151	912	77	164	JL1HIZ	689,402	863	101	221	*J2A2C	21A	101,152	364	31
						*XE1EE	28A	18,760	247	17	23	BH4YAG	273,260	572	86	174	JL1IAZ	609,224	720	102	220	*J2A2D	14A	41,810	233	25
											BG7JUZ	161,538	317	71	147	JL1JBC	579,420	645	59	217	*J2A2E	3.5A	10,621	80	24	
										BG3LY	153,874	453	77	126	JL1JBS	513,925	605	113	224							
										BH3PLA	124,092	458	50	112	JL1JCS	469,395	696	95	190							
										BG6SZD	120,484	341	61	121	JL1JCS	420,856	706	77	171							
										BG8CS	112,998	403	29	82	JL1JCS	338,169	449	106	193							
										BG2DVL	105,194	437	46	103	JL1JCS	262,944	444	87	162							
										BG3HFS	101,192	296	57	125	JL1JCS	231,467	411	78	133							
										BH6DCC	96,696	291	48	110	JL1JCS	176,341	371	63	124							
										BH2VKB	58,960	267	48	86	JL1JCS	159,264	377	63	95							
										BD3OT	57,682	247	51	100	JL1JCS	141,000	282	69	114							
										BG7VXV	51,712	173	41	87	JL1JCS	129,516	381	55	74							
										BG9OF	45,630	161	49	86	JL1JCS	123,150	299	41	109							
										BG3GBZ	43,946	208	64	82	JL1JCS	114,536	226	70	136							
										BH1JPC	43,010	163	38	77	JL1JCS	108,680	204	78	142							
										BH4MPH	39,637	202	37	70	JL1JCS	91,262	233	73	109							
										BH2UBD	36,134	297	34	55	JL1JCS	70,528	645	59	117							
										BG6HOK	30,734	125	47	82	JL1JCS	67,398	184	47	94							
										BG5JND	29,328	153	38	66	JL1JCS	54,054	169	42	84							
										BH4FCD	25,864	137	37	69	JL1JCS	30,276	110	49	67							
										BG4FOD	17,936	141	35	41	JL1JCS	23,147	111	35	44							
										BA5AD	16,065	67	28	57	JL1JCS	11,786	70	30	41							
										BG3HMQ	14,720	121	34	46	JL1JCS	10,434	59	32	42							
										BG6CLL	13,847	95	39	52	JL1JCS	9,200	32	17	24							
										BD7ODG	13,800	78	51	69	JL1JCS	8,340	32	18	24							
										BG3GIP	8,502	118	30	48	JL1JCS	7,384	27	13	19							
										BH3EMV	7,800	70	22	30	JL1JCS	6,390	24	12	16							
										BG3IYX	6,480	71	27	33	JL1JCS	5,427	37	21	26							
										BG3IPT	5,624	96	31	45	JL1JCS	4,277	37	21	26							
										BD3CB	1,118	15	13	13	JL1JCS	2,418	22	17	22							
										BH3RA	943	30	9	14	JL1JCS	1,656	26	14	22							
										BG8SR	11,92	19	11	15	JL1JCS	1,225	25	12	13							
										BG5UZW	6,160	93	13	27	JL1JCS	1,037	21	9	8							
										BA5CW	300,989	1042	34	103	JL1JCS	238	7	7	7							
										BH7JJO	199,650	793	29	81	JL1JCS	238	7	7	7							
										BH4UNT	161,364	684	29	84	JL1JCS	238	7	7	7							
															JL1JCS	238	7	7	7							
															JL1JCS	238	7	7	7							





DF2RG	542,430	605	116	325	DK3DUA	580,371	703	111	298	*DL7ND	24	4	3	3	*TMSDX	21A	156,672	502	35	93	Italy	7,005,284	4,000	185	629	(OP: IK2KOE)			
DG9SEH	533,197	742	99	262	*DJ1SL	498,492	656	88	278	*DM7CW	3.5A	20,069	916	8	53	*FAIXM		364	14	5	9	AA				(OP: IK2KOE)			
DJ4TWT	493,304	734	94	228	*DK4MFM	498,370	1048	70	235	*DL5NO		3,555	79	8	37	*FSUQG	14A	7,964	120	8	36	IO6A	2,323,150	2,773	124	361	(OP: IK6QON)		
DL4YAO	474,903	606	97	254	*DK11P	468,756	430	121	324	*DF7GG	1.8A	25,740	365	10	56														
DJ5W	453,180	513	104	266	*DK3WN	419,728	639	73	223	*DL5ANS		10,123	213	9	44														
DFTVT	420,492	518	113	289	*DL3JAN	395,256	425	122	398																				
DL5DTG	412,848	544	101	322	*DK7TX	367,200	614	93	267																				
DH1TST	390,910	512	99	304	*DL1AAQ	346,473	770	59	222																				
DM5DM	389,418	805	62	184	*DF1DT	345,644	695	64	235																				
DKZTT	379,566	443	110	376	*DF2CH	336,996	531	89	244																				
DL8RDL	371,050	508	104	258	*DK5WO	287,985	690	59	204																				
DKZAT	367,471	656	73	226	*DL2LRT	276,255	586	77	238																				
DK5XG	358,177	736	56	213	*DF5P	271,560																							
DM5TI	354,981	472	105	242																									
DFAV	312,965	616	68	197	*DL5MFF	270,471	551	73	194																				
					(OP: DF8VO)	269,370	351	101	307																				
DL1YM	303,030	507	63	159	*DL8DWW	207,825	420	54	201																				
DK2LO	294,144	419	104	279	*DK5TA	202,119	528	67	200																				
DL1LOD	279,216	432	99	237	*DC8SG	201,228	419	67	179																				
DF1HF	254,514	433	77	261	*DF2AJ	188,616	309	86	185																				
DL7VGO	246,818	582	72	214	*DL0CK	178,649	473	59	168																				
DF6RI	227,700	485	65	210																									
DL3FCG	221,400	425	63	183	*DF1OE	176,337	488	49	140																				
DL7XC	220,528	323	100	258	*DF7CB	175,582	510	53	200																				
DL8XK	206,668	489	72	170	*DL3RDM	172,898	423	59	212																				
DF9XV	197,276	352	82	216	*DL4DTL	163,840	409	64	192																				
DK5JM	181,248	358	67	120	*DJ3XJ	158,340	410	53	150																				
DK9CB	169,239	239	113	118	*DL5KX	122,672	373	45	190																				
DL2OE	164,388	250	102	229	*DG9OAY	156,137	508	47	146																				
DL9NDW	160,380	357	57	141	*DF1LON	152,139	326	59	161																				
DL1SVA	153,065	300	77	176	*DJ2FL	147,420	372	61	173																				
DL6UAA	139,612	490	61	148	*DL1SO	129,744	391	51	153																				
DK1AX	136,575	324	62	163	*DF7TS	124,407	392	42	165																				
DL2ZD	95,904	275	93	161	*DJ0HF	124,352	258	72	196																				
DG7MFX	86,177	247	57	137	*DK7YJ	105,835	308	48	147																				
DL2NFC	90,432	200	65	92	*DL1DQW	121,828	324	57	117																				
DF4PD	85,352	208	60	167	*DJ3WE	121,800	251	66	214																				
DL1STG	84,346	220	60	121	*DK2FG	114,264	426	64	138																				
DH6HB	81,968	285	53	135	*DL4DRW	110,517	305	57	130																				
DL3GGC	77,280	211	56	105	*DL6RDR	108,768	249	61	115																				
DJ2AX	64,680	291	45	120	*DJ3NJ	106,765	305	45	118																				
DL8CA	55,432	196	42	62	*DL9SEV	106,577	345	51	146																				
DK2BJ	54,416	272	37	115	*DK7YJ	105,835	308	48	147																				
DL3JAE	53,956	125	68	96	*DK7XK	104,838	325	50	123																				
DF9JV	51,456	180	43	85	*DL4FDI	102,672	351	47	139																				
DL7LAM	50,554	209	47	114	*DL1GRC	93,625	314	45	130																				
DL1SWT	49,720	188	43	87	*DF2DR	85,329	240	50	121																				
DK1FW	46,176	151	44	112	*DL4KUG	83,824	265	46	117																				
DJ7TO	43,367	150	43	88	*DF4XJ	81,162	327	45	117																				
DF3CB	39,427	139	31	138	*DL4WC	79,328	328	45	190																				
DL7AUO	40,425	177	49	116	*DL2SWR	77,415	158	71	124																				
DK4QT	31,408	164	32	72	*DL6DCX	77,244	317	34	89																				
DK7MD	30,366	93	51	75	*DM3M	74,592	289	42	126																				
DK1NBE	28,923	166	26	67																									
DK2ZNU	25,792	156	22	62	*DD5KG	72,874	305	36	130																				
DF3QJ	23,098	99	41	63	*DM2RN	69,020	262	40	100																				
DL5NAM	21,715	89	40	60	*DL7UN	65,637	254	39	114																				
DK9BDX	20,836	57	38	68	*DK7YJ	105,835	308	48	147																				
DO4DAN	11,413	87	17	84	*DL8ZAJ	55,924	198	46	118																				
DL8UI	8,568	48	28	35	*DL8FA	52,290	211	44	122																				
DF2TT	8,190	52	29	36	*DK6GOW	41,208	154	40	60																				
DH6DAO	7,874	55	29	33	*DL1EJD	41,055	215	28	91																				
DF5SI	7,383	56	24	45	*DL3SBD	39,680	133	51	104																				
DL8BVF	6,077	39	24	35	*DO4OD	39,501	205	35	98																				
DL7BN	5,739	37	19	38	*DL7UN	65,637	254	39	114																				
DK4US	3,154	45	15	23	*DL3CB	36,972	198	38	84																				
DL9BU	2,970	60	11	34	*DK1YV	36,372	195	27	57																				
DL3ZZA	2,920	31	18	22	*DL6TK	33,274	163	38	89																				
DM5JBN	1,107	17	12	15	*DH1YV	29,748	149	39	72																				
DF6PB	594	13	9	13	*DL9FBF	29,318	124	28	79																				
DL2ARD	468,165	1156	38	141	*DL7EM	29,141	146	50	31																				
DL3ANK	407,750	987	37	138	*DJ1MD	26,950	157	24	86																				
DH9BQA	389,630	1078	39	121	*DL7UN	65,637	254	39	114																				
DK2GM	290,832	726	36	130	*DL6RBH	22,448	185	25	94																				
DK6OMM	148,282	456	35	116	*DF9LJ	22,464	159	29	78																				











O8SN	3,643,368	2275	168	576
IB1D	3,224,340	2820	146	484
IQ3TN	16,728	136	24	44
IO3F	4,884,492	3756	164	544
IR6T	3,862,510	2556	163	538
HB2A	Liechtenstein	1,086,534	1768	78 275
*LY2ZO	Lithuania	1,598	31	13 21
*9H6WW	Malta	4,572,500	4043	144 481
PI4CC	Netherlands	5,507,925	3618	174 601
PAQAA		496,743	1102	71 200
SP8R	Poland	11,334,580	5680	197 704
SO4M		6,027,654	3857	173 593
*3Z1K		3,222,591	2721	146 471
*SP9YGD		1,404,993	1938	104 367
*SP5KCR		2,778,311	43	126
*SP4KVA		27,840	248	29 87
*SP9PB		13,608	185	16 68
*SP6ZHP		5,074	68	16 43
*YP8T	Romania	3,108,153	2950	143 446
*YO4KAK		46,488	215	46 103
IO2ID	Sardinia	1,342,500	2107	86 272
*YT7A	Serbia	367,866	922	54 160
*YUIANO		24,198	170	30 79
*IB9T		6,822,036	4554	177 597
*IB9O		2,909,672	3059	136 460
OM7M	Slovak Republic	16,672,638	7983	206 735
OM4Q		3,410,675	3182	141 460
S51DX	Slovenia	94,672	640	30 92
EA5RS	Spain	10,163,340	5472	193 692
EA5O		6,724,152	4599	169 563
*EA5KM		4,446,064	3503	164 578
SJ2W	Sweden	10,470,274	5358	188 674
SKOQQ		1,461,984	2033	111 360
SK6EI		395,005	977	67 228
SK6DG		278,391	701	64 149
HB9EP	Switzerland	2,699,900	2614	134 446
HB75SG		20,298	138	33 69
*UT1KWA	Ukraine	75,364	384	37 129
K8H	OCEANIA	American Samoa	2,175,348	2358 120 209
AH2R	Guam	7,364,112	4298	164 442
7A2A	Indonesia	3,781,145	2764	128 349
7A2D		200,018	424	50 132
LP1H	Argentina	12,776,826	8573	165 522
LS2D		4,095,900	3488	120 318
LR3D		849,720	1199	89 203
LT5D		174,995	505	50 105
PJ4A	Bonaire	16,826,600	7361	183 625
PR2E	Brazil	9,215,601	4585	173 544
PT4A		4,120,358	3100	119 387
PR2RP		888,041	1558	70 139
CE3CT	Chile	7,152,266	4290	154 484
*FY5KE	French Guiana	13,695,220	6154	169 601

E2A	ASIA	11,946,744	6878	181 557
JA1ZGO		2,307,852	2225	130 286
BD4QB		847,260	1614	85 185
JA1ZGP		292,932	670	73 133
JA2YKA		2,006	39	14 20
TK6C	EUROPE	24,525,239	14232	199 719
EF2X		17,979,101	9968	198 701
ED1R		16,422,876	9767	191 682
OL3Z		14,245,326	7835	195 679
IIPR		14,177,150	8435	195 655
OH6Z		12,760,956	7861	194 700
UA4M		12,635,796	8210	194 700
GB5W		11,973,739	7350	184 650
TM7A		11,899,274	7495	187 615
RT4F		11,446,155	7360	198 697
HG7T		11,276,922	7142	175 627
DR4A		10,636,353	6114	177 642
HB9CA		10,523,844	6547	178 624
DP6A		9,836,444	5716	187 651
LY4A		9,248,412	6854	182 622
SX9V		9,045,098	7231	181 608
DD1A		7,333,110	5103	170 599
OZ5W		7,526,022	5679	178 599
DA0T		7,493,508	5192	174 588
UW5Y		7,149,000	5343	165 585
RT8A		6,799,850	4486	174 601
9H6A		6,076,996	6539	135 426
SO4R		5,664,764	5026	153 506
SM2U		5,636,984	5143	170 599
G5O		2,884,736	2972	118 378
PA6X		2,153,684	2205	120 379
HB9BS		173,880	401	61 146
7D1C	OCEANIA	2,316,280	2621	82 234
9M6J		28,016	156	41 62
PJ4K	South America	31,381,682	12873	188 654
P44X		19,119,034	8860	174 584
PX2A		12,013,521	5617	173 594

BY3CQ	1,232,783	2314	101	228
EA6URL	534,567	1208	68	223
ROOKIE				
NORTH AMERICA				
United States				
District 2				
KD2ZUH	7,107	53	27	42
*K022EL	204,930	377	68	185
*K12D	26,106	86	33	81
District 3				
K3AK	286,485	419	58	181
*K3S5VR	46,084	148	41	98
*W1F1F	35,520	170	18	62
*W3OY	22,680	81	46	74
*N3HRO	11,730	62	20	49
District 4				
*KY4ID	710,973	670	100	301
*KY4GS	573,016	654	83	245
*K04AWC	4,816	39	11	32
District 5				
W9DCT	723,976	643	109	309
*K15PED	588	21	12	14
District 9				
N8TTK	2,770,979	1846	138	413
*K9BR5	972	36	17	19
District 0				
*AE0DX	443,368	511	105	248
NORTH AMERICA				
Canada				
District 3				
*VA30KQ	688,913	915	83	246
*VE3KOT	359,958	893	57	167
*VA3KRJ	30,184	172	35	63
*VE3FNT	646	30	8	9
District 6				
*VA6BGE	16,343	117	32	27
Mexico				
*XE1O	7,391	48	26	35

Italy				
*IU2OZU	6,780	84	19	46
*IU2OZV	67,635	392	36	131
Netherlands				
*PE4I	1,566	49	6	23
Poland				
*SQ5VCO	37,084	205	35	92
*S07NA	6,365	79	20	47
*SP5SZL	240	25	4	12
*SQ9MR	14,442	206	18	65
Scotland				
*GM5TDX	57,352	298	34	100
Serbia				
*YU4MVP	4,508	62	18	31
Slovak Republic				
*OM1HMI	1,518	44	9	24
*OM1AVV	360	16	5	10
Spain				
EA4HQV	181,300	387	71	188
EA4JDA	44,400	209	40	112
*EA4HKF	596,755	1056	82	273
*EA4HRJ	30,012	124	43	79
Switzerland				
*HB9HMY	77	9	2	9
Ukraine				
*US5WBJ	146,780	510	46	159
OCEANIA				
Indonesia				
*YD2UTC	14,945	97	19	42
*YF7UFT	5,796	55	21	25
*YD0BCG	3,080	38	18	22
*YD3BWK	1,820	32	14	21
*YD2UFR	1,298	25	8	14
*YD4SMK	1,269	18	11	16
*YD2BRN	110	7	5	5
Brazil				
*PU2VNC	7,326	92	13	24
*PU4WTB	1,743	53	9	12

*W3DOS	203,616	317	75	177
*N4DJ	201,968	354	58	150
*W3JAM	182,716	224	70	165
*K13C	171,700	310	53	149
*K4FTO	145,314	292	58	149
*K4FJW	126,256	244	62	146
*N4AO	100,440	342	26	82
(OP: WC4E)				
*AA4SD	98,044	247	57	136
*W4MDC/4	94,122	225	56	106
*W0NA	62,000	189	44	81
(OP: W4RN)				
*KB3FW	47,047	148	46	97
*K3YD	44,336	132	49	87
*W4IOD	43,566	130	51	86
*N4ARO	41,126	54	54	91
*N4IU	31,752	115	33	93
*KM4CH	28,516	165	53	95
*K8LBQ	24,393	124	50	91
*K6RM	22,707	153	25	62
*W0BL	8,284	89	31	45
*W0BSKFP	7,040	45	27	37
*K2TV	4,760	50	24	32
*K3CO	1,824	36	16	22
*N5SMQ	1,736	24	7	21
*KM4SK	1,302	18	14	21
*K4KZ	780	22	13	17
*K4PQC	152,342	308	62	149
*N3HCN	4,625	45	11	26
*KE4WKH	1,260	32	21	24
District 5				
K25D	1,513,928	1271	118	308
NAO6W	1,377,103	1223	101	335
WQSL	784,441	809	92	251
K5QR	155,477	418	31	102
K5RM	38,556	146	32	76
AK5Y	204	25	6	6
*K6B0A	420,614	622	76	203
*N5ST	351,234	497	80	179
*N0SW	231,192	384	63	165
*W8VO	96,906	206	65	121
*K2KW	69,654	187	56	85
*K7CQY	67,473	173	58	95
*WY6K	23,421	110	48	63
*W5BHS	17,094	85	30	47
*N3CI	3,654	31	14	28
*N5SGG	32	10	4	4
District 6				
K6NR	1,099,185	1039	118	283
AJ6V	880,982	1148	96	162
W6YA	480,240	1001	40	134
K6YK	281,912	412	83	179
K6BA	49,704	159	45	69
W6URY	44,888	167	44	72
N6NZ	30,870	126	40	58
W6RC	663	17	9	8
*W6TK	533,392	726	92	180
*N6FN	153,640	330	61	106
*K6FNCX	28,405	125	43	62
*W6JBR	1,421	39	17	22
*K6CY	31,421	31	14	15
*N6BH	4,95	14	8	7
*N6DVS	180	8	5	5
*W6AFGV	3,770	53	13	16
District 7				
K7JG	214,467	394	71	130
W7GF	89,776	211	70	111
K9JF7	79,323	226	53	84
K2ZBV	18,157	100	31	36
WU7W	10,626	73	30	36
N7RK	10,498	71	23	35
K5IB	627	20	9	10
*K7NEW	165,822	370	61	112
*W7MTL	98,854	237	72	90
*K7AZT	60,984	177	55	77
*K6FAUB	29,939	122	38	53
*W6TK	23,816	136	48	56
*K7ROG	20,202	97	29	49
*W7TMT	18,306	128	21	33
*K6ZD	8,924	81	46	46
*W7RCS	2,414	30	18	16
*K7FR	78,280	216	69	83
*N7JL	53,742	193	54	52
*KN0W	5,512	47	26	26
District 8				
K8MT	860,520	878	95	260
K8TB	304,668	478	57	177
KE8E	18,816	108	34	62
W8EOG	4,628	43	21	31
K8ALM	3,649	36	12	29
*W1NN	859,527	813	103	284
*N8II	503,276	942	48	140
*K8AJ5	444,552	593	69	203
*K7DR	120,727	244	55	126
*N8UA	118,854	297	37	105
*AF8A	49,364	208	19	67
*N8ET	30,342	164	22	66
*N8GZ	27,090	101	36	69
*N8FM	21,879	84	41	58
*AA8RV	13,700	92	38	62
*AA8SW	4,350	41	23	35
District 9				
K9MA	1,523,743	1338	103	300
W9ST	287,250	441	72	178
AA9J5	125,550	315	67	158
K9XD	95,840	240	36	124
KQVV	89,544	217	51	117
W9DZ	59,584	189	30	82
W9FL	16,340	94	31	64
*W9TA	294,508	435	77	171
*W9DQIR	267,776	407	77	179
*K9EUA	187,488	325	64	160
*K9S1	61,812	266	27	75
*W9QL	25,050	133	22	53
*K9SAP	2,880	29	14	26
*K9JC	1,742	28	7	19</





