

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.)

2018 CQWW DX SSB RESULTS

SINGLE OPERATOR NORTH AMERICA

United States District 1

W2RE	A	4,502,126	3228	108	406
N1UR		3,918,772	2757	107	411
K5ZD		3,082,108	1807	107	369
N1PGA		1,292,760	1167	95	310
K02M		874,239	1286	61	188
K1RM		588,138	860	54	195
W1WFE		543,312	706	74	220
NB1N		363,042	554	54	189
K1X		248,862	403	50	172
N1DD		216,738	391	69	153
K1LU		210,444	354	59	169
KK1W		180,320	307	66	158
W1XX		136,655	296	53	128
W1NSK		101,976	233	45	123
W0JWJ		59,400	185	37	95
K1GMM		24,319	114	20	63
K2HZN		19,364	80	31	63
NFL1		17,882	69	29	48
NM1Y		10,780	60	29	48
W1GZX		9,438	63	25	41
K1M7D		8,721	55	17	40
K1DVL		5,875	49	15	32
N1TAA		3,108	29	19	23
K1TOP		1,701	23	10	17
W1SVC		1,099	10	16	16
AB1WT		759	17	9	14
W1S		704	15	8	14
W1BCR		448	11	6	8
W10HM	14	130	5	5	5
K1HIT	A	7,200	63	11	34
N1ALO		1,650	22	12	18
N1NSTN		1,644	29	17	22
W1K1M		1,641	29	17	22
W1W1W		1,031	19	10	32
N1DCS		69,342	199	35	92
N1P2G		58,519	170	40	99
N1DCC		49,320	145	43	94
N1P2G		45,360	146	35	91
W1UJ		42,160	138	39	46
K1L1K		41,730	129	41	89
W1LAD		33,633	118	34	77
N1VH		21,560	100	34	64
K1VUT		20,200	83	35	65
AK1K		18,249	85	27	52
W1ABR		12,877	73	31	48
K1EDE		12,483	71	23	50
K1G6HC		13,116	305	50	152
W1GHD		9,114	56	22	40
K1BFRK		8,778	60	30	47
N1YL		8,424	61	16	38
N1B0X		8,211	57	25	44
K1WCC		6,250	49	15	35
W1CRK		4,992	43	16	32
AG2K		4,905	43	14	31
K1C1F0Z		4,280	41	12	28
N1WTT		3,956	44	17	29
W1FOY		3,871	40	19	30
W1AOTZ		3,652	37	16	28
W1AEMG		3,010	29	17	26
K1GCG		2,660	27	12	23
K1A1VMG		1,767	26	10	19
K1B1RB		1,376	20	11	23
K1C1BQ		1,085	26	13	18
K1L1H0		620	11	9	11
W1LUS		486	15	8	10
N1YTH		486	12	8	10
N1O1ZE		196	8	7	14
N1W1RK	28	133	17	10	9
N1W1RK	28	796	16	5	11
AB1EP	14	261	10	9	24
AB1Z0		1,924	35	8	12
AA1SU		532	14	7	12
K1DUB		220	10	3	7
W1CRB		195	8	6	7
N1D0C		180	12	6	12
W1RFY		30	4	3	3
K1RIA	7	1,482	9	4	2
W1GDD	A	1,717,242	1232	114	389
W1S1S		1,291,848	1007	102	354
W1NT		1,259,681	1173	92	305
N1DG		1,204,258	915	110	363
K1KA		979,864	846	105	319
NB1A		741,984	751	87	293
W1CTN		634,200	682	84	266
K1VJ		603,710	602	82	283
N1NC		583,928	561	84	292
W1CU		550,384	610	80	248
W1EBI		464,412	497	81	257
K1SM		421,737	619	59	198
AB1JV		387,702	425	89	273
AB1XS		385,284	478	73	221
K1JB		369,200	435	86	239
W1AIT		349,680	423	80	230
KG1E		311,977	506	55	168
K1RO		247,338	382	59	175
K1KJ		237,720	343	70	210
K1RW		198,584	310	60	181
W1HS		167,475	320	57	166
W1RM		156,386	278	73	188
N1V0		150,590	305	49	136
K1B0H		139,194	243	57	165
K1ZE		120,960	208	57	159
W1PEF		116,725	261	42	133
K1TH		97,110	212	45	121
W1VM		51,840	148	37	98
AB1XS		50,600	157	30	108
K1D0D		48,952	127	30	86
W1NG		47,705	125	49	96
AC1EN		42,465	112	39	110

W2UJ		31,460	108	35	75
NE1B		30,562	101	37	81
N1MD		26,883	113	20	67
W1ADRQ		21,052	100	22	54
W1SS		19,754	106	19	64
NSWVR		19,104	88	29	67
W1R		57	9	32	57
KB1NVT		6,240	47	16	32
AC1DC		3,680	32	10	30
W1ZR		2,268	28	11	25
K1GQ		1,519	18	14	17
W3EP	21A	80,028	255	26	91
KAT1YOC		19,565	115	16	49
K1TTR	14A	126,108	359	26	98
W18K		49,320	158	33	103
KE1NZY		1,530	21	10	20
K2RR	3.7A	27,722	133	16	67
K2RZ	AA	869,352	896	83	273
*WT1A		351,780	457	67	219
*W1AR1		190,404	295	61	185
*W1AR2		148,031	237	54	139
*KAZKON		136,080	259	45	135
*W1D1J		86,800	191	47	118
*N1FTF		45,738	142	35	86
*W1GJM		42,975	177	40	95
*W01N		29,810	100	35	75
*AE1T		27,839	107	31	66
*WAB2J		15,200	83	22	54
*NF1O		15,130	72	32	57
*W1VB		14,801	27	15	30
*N1GSA		12,744	90	23	49
*N1HTS		12,709	66	19	52
*N1UP		10,320	65	26	54
*K1RCT		8,294	56	22	38
*K1OR		6,786	46	20	36
*NE1F		6,741	42	24	39
*N1HMM		6,566	46	21	40
*N1SEF		6,000	46	21	40
*W1T		5,810	63	25	45
*W1ATTE		5,510	40	24	34
*K1TW		4,558	40	15	28
*KX1X		3,071	29	14	23
*N0BGS		2,867	25	12	25
*K1B1Y		2,800	27	13	27
*W1PJE		2,320	27	8	21
*W1PJE		2,208	28	9	23
*W4FEB		1,924	26	15	22
*W1PY		1,008	19	7	11
*KGV4		640	13	9	11
*N1W1S		540	10	10	10
*W1ALP		532	12	8	11
*W1G5E		468	3	3	3
*AC1EW	14A	4,592	42	11	30

District 2

K2ZI	A	669,300	745	82	263
W2ID		517,424	646	76	216
NS2N		415,280	530	72	218
AX2X		267,976	419	57	172
W2SM		213,188	366	62	161
W2UJ		209,198	368	62	164
W2KJ		133,964	304	52	147
K2MVB		124,355	263	48	139
W2XW		124,256	251	47	129
W2B2PH		100,277	285	35	114
NW2K		100,168	233	39	113
W2AFS	(OP:W2JF)	66,572	154	55	132
W2R		65,504	187	73	99
N2JJ		55,200	136	43	107
W3PR		45,895	128	45	92
N2ZIE		31,350	129	29	66
N2ZN		30,634	112	38	68
W2UDT		15,930	100	26	57
K2A1SM		15,810	85	30	55
K2D2C		12,512	69	22	46
W2KX		9,504	58	25	47
K2N3M		6,148	47	21	32
W2RAL		4,841	39	17	23
KD2OAM		3,000	34	7	23
N1UFO		1,740	26	11	19
N2YVR		1,530	22	12	18
W2JDB		1,450	19	12	17
K2L2J		1,189	33	11	18
W2KRY		9	5	1	6
K2XA	21	18,744	100	16	50
K2U2M	21A	876,160	2020	34	126
N2PP		475,930	1258	31	106
K2QB		4,371	49	6	25
N2DDX		4,060	45	12	23
KD2OMV		561	14	5	12
K2B2M		510	6	1	6
K2SDS	A	309,825	465	63	170
N1NOD		206,064	338	71	182
AC2RL		174,460	300	56	164
W2CCC		141,372	282	56	133
AB2TC		138,284	276	52	139
AH2D		81,788	213	44	117
W2M2T		65,025	170	44	109
W2AOAU		52,824	142	43	99

*KD3GC	82,593	196	46	115	*KN4LKC	1,764	36	9	21	*W3LZ	84,402	198	46	116	*KY5M	588	19	9	12	AC6MMW	735	14	10	11	
*N1XL	81,458	212	42	127	*KG4UVO	576	13	7	11	*W4IOD	63,000	154	52	116	*KGS2MG	572	14	10	12	N6ADO	558	11	9	9	
*KC4TEO	72,320	173	51	109	*KN4GUBO	532	14	7	12	*KG4IGC	53,940	141	48	107	*W5CFY	460	24	11	12	NZ6G	462	13	10	11	
*NT4MM	59,330	155	50	105	*KK4BL	6,380	67	11	33	*NC4RY	48,512	142	37	91	*W6AEEEM	374	15	7	10	KM6NTW	300	9	7	8	
*K4SXT	56,743	128	64	115	*K04LA	126	9	3	4	*W4PR	46,944	132	34	110	*AA5AH	64	4	4	4	N6JCN	189	14	10	11	
*N4EK	56,277	176	28	87	N4NT0	1,987,858	1555	121	382	*K2TE	38,912	127	37	91	*K5TMT	50	5	2	3	W6BX	145	7	5	6	
*KN4L	53,940	174	29	87	N4NT0	1,499,040	1141	114	362	*W5XYF	31,306	128	39	96	*K5ZS	17	1	1	1	W6BZ	50,655	233	25	5	
*W0MPM	53,196	149	45	98	K5EK	1,159,656	1033	95	327	*KK4R	30,576	110	34	70	*K80T	21	23,424	141	20	44	W6TK	46,800	224	26	54
*KN4EVI	51,300	149	36	99	N1LN	1,140,912	1034	102	315	*K2D2PF	29,205	113	28	71	*KZ50H	14	42,978	223	23	64	K6JAT	31,614	190	22	44
*KD4YDD	45,568	151	40	83	K3IE	1,103,080	937	106	334	*W7FT	29,184	107	39	75	*W6BRUR	2,484	32	6	21	N6GP	2,730	29	14	21	
*K4FJW	43,344	138	46	83	K5KG	1,033,668	798	109	350	*W4HRL	27,216	108	38	70	*K2CFKM	1,215	27	9	18	W6AFA	140,910	551	30	92	
*N4XYZ	42,713	142	37	84	N4PQX	892,952	813	101	321	*K4VBM	23,500	106	31	63	*N05F	551	11	9	10	K2YYV	80,000	377	28	72	
*AE4M	38,735	132	42	85	N6AR	842,016	863	107	321	*K4LDC	22,932	98	31	67	*K7MOK	40	10	8	8	KM6G	7	6	1	1	
*A4AG	34,866	129	40	77	WJZD	815,348	820	83	242	*N1ADM	19,176	75	25	69	*K5TMT	27	8	5	4	W6BK	314,033	566	77	176	
*W4AJA	33,930	118	38	79	K4F5	723,822	741	94	269	*W4BDM	18,400	69	29	55	*W5SWG	4	10	10	10	W6BK	6,834	288	67	96	
*W9WI	32,242	128	31	63	W3OA	716,552	762	81	263	*W4JUJ	15,573	72	27	59	*K3CRGQ	7	56	4	4	*K7CAR	39,816	135	52	74	
*N1W4FP	31,941	125	34	63	K2WK	652,600	739	84	241	*A05NL	13,944	71	27	57	*K5GN	AA	1,045,092	1088	123	313	*K6GRMS	36,000	139	43	57
*K5AS	31,937	123	32	67	AD4EB	641,763	576	101	316	*K4M4F	13,816	57	35	53	N5JR	903,350	756	118	327	*W6BJB	30,199	124	37	64	
*KW4NN	30,397	118	39	74	K4RO	602,504	609	97	274	*WU0B	13,120	69	31	51	K5LLA	830,000	773	107	293	*KE6WC	24,722	110	40	54	
*KG4WJ	30,186	113	41	76	N09E	544,784	626	80	236	*K4AJD	13,110	79	33	62	N5XJ	429,702	573	77	196	*AE6YV	20,436	114	34	41	
*AA4LS	28,381	125	30	71	W7WZ	523,575	620	83	242	*N4ETC	11,826	72	29	52	W0VX	349,006	501	69	188	*W6JK	16,709	90	32	45	
*K4B	27,940	107	39	71	W7WZ	523,575	620	83	242	*K4M4K	11,508	60	29	55	N5VJ	326,793	452	80	215	*W6BCZG	15,840	96	36	52	
*K4K5V	27,300	112	36	69	K4F5	475,846	619	79	208	*W1CY	11,444	68	22	46	K0SJRY	31,818	510	71	192	*K6PGR	15,466	76	37	47	
*K4QJMY	26,980	106	27	68	W4EEY	454,894	558	78	241	*W4WNT	9,656	56	25	46	K5UA	286,520	406	67	180	*K6WDE	12,616	63	36	40	
*K4FTO	26,085	121	36	75	N4RD	374,126	494	75	208	*K4WDY	9,315	54	25	44	AA5AU	211,939	364	57	164	*W6BHYH	12,168	63	31	41	
*K4RND	24,234	108	28	63	K1KNO	334,012	403	63	233	*K4VAMW	8,510	52	30	44	K5FSM	195,444	270	92	175	*K6MCS	11,868	75	30	39	
*K4ORD	23,777	102	34	63	K6GMC	292,434	410	63	206	*K4JYK	7,772	50	19	39	K9MK	185,948	307	71	158	*K6MUG	11,286	70	31	35	
*K3NF	19,096	90	26	62	N4ZZ	286,272	469	60	164	*AC4MG	6,840	62	22	35	ACACA	141,276	268	56	137	*W6BGT	8,308	50	26	36	
*W0MPM	18,177	89	25	62	W4BDM	286,272	469	60	164	*W4RLZ	6,710	49	16	39	W4ZYA	130,682	278	61	120	*W6BZAM	7,669	63	31	30	
*N2MYR	13,044	75	24	53	K4MMW	273,230	330	62	176	*W4JLM	5,940	43	23	40	W4JLM	123,420	230	53	114	*K2WKE	6,868	61	34	41	
*K4DTR	13,197	76	26	57	W4JAM	267,206	411	76	195	*W4SFG	5,500	43	22	33	W2GS	112,464	246	51	125	*K6BBO	6,564	54	19	30	
*K4RM	12,220	71	20	45	K4BHB	263,378	408	58	161	*W7PZ	5,280	37	24	36	K4DG	94,905	211	53	118	*K6M6JI	5,777	64	27	26	
*K3V3/4	11,935	76	28	49	W4KW	254,331	430	64	187	*K4LST	4,752	36	20	34	K1TU	92,150	203	53	137	*N7RZ	5,358	41	19	28	
*W4R1	11,920	69	30	50	K5V1P	250,624	390	79	177	*K4GTA	4,230	40	18	27	K5E0G	87,720	212	52	120	*K6HOF	5,332	60	20	23	
*N4RPM	11,856	63	26	50	K74G	240,350	333	67	208	*K4XZ	3,608	33	17	27	W05R	87,626	221	46	108	*W6V10	4,545	65	23	22	
*K9EJ	11,725	66	25	42	AC4WJ	238,128	335	73	191	*W4STV	3,440	30	19	24	W5GN	85,650	227	41	109	(OP:K6CS)					
*K4M4HL	11,226	63	23	43	*K4XZ	235,812	325	82	174	*W4STV	3,040	19	14	23	N5WNG	83,720	201	55	106	*K6MYA	4,484	67	20	26	
*AF2T	9,720	57	27	45	W3YV	207,230	330	68	166	*K6WJ	2,852	29	14	17	K5LFL	83,352	207	62	122	*K6B	2,680	26	12	22	
*WJ4HCP	9,443	62	24	47	N4CW	205,318	317	69	182	*K4HYJ	2,728	30	16	28	W4SLFD	40,713	146	42	80	*K6OWS	2,479	32	17	20	
*AA00	9,384	58	23	45	KM4VTE	192,182	237	74	233	*K4RWB	2,294	29	13	18	K5FCKS	38,988	146	28	80	*K6ELE	2,352	49	24	25	
*K04OL	8,976	60	23	45	N4BDC	188,790	362	57	146	*K8ABJ	2,223	25	15	24	W5GFI	32,832	106	41	73	*K6CSL	1,891	27	16	15	
*K4JKK	7,584	79	27	52	W4A4WR	180,063	284	78	165	*W4CMG	1,734	20	15	19	W5THT	31,000	98	44	81	*N7UWD	1,881	32	16	17	
*W2EKC	6,608	48	23	36	AA4DD	167,518	280	60	161	*N4YB	1,710	26	9	21	K4SM	26,928	100	34	68	*AD6GE	1,768	35	18	16	
*K4KJL	6,334	50	23	36	N4ZD	166,850	266	69	166	*K6SCMX	1,530	18	16	18	N5RMS	13,530	68	30	52	*W6JGR	1,536	23	12	12	
*W9XYL	5,820	43	24	36	N4HB	152,309	255	61	162	*W4BDF	1,504	16	14	16	N4BA	12,820	60	30	52	*K6J	1,475	17	10	16	
*W0ZMT	5,550	41	16	34	W1IE	148,461	336	57	156	*N4JN	1,410	24	12	18	K5CI	7,980	50	20	37	*K6ACV	1,392	32	13	16	
*K2PS	5,200	40	20	30	W2YE	142,506	302	44	130	*AA4XA	1,064	20	7	12	K5BG	7,830	54	20	34	*W6Y10	1,155	28	15	18	
*K6WAK	5,145	43	16	33	N7WJ	140,448	277	61	148	(OP:HKIA)					KESTD	6,180	40	25	35	*N6TCE	1,121	53	28	31	
*N0DIM	4,988	50	16	33	K74O	137,280	244	56	152	*K2ABP	792	15	8	14	W5ZP	5,632	44	23	41	*N2JNR	989	23	10	13	
*A4JVA	4,582	39	24	34	K4ARRU	134,907	264	49	144	*K1CE	644	32	12	11	W5JDF	4,717	38	22	31	*K6KW	897	33	12	11	
*K4JEU	4,576	46	20	32	KM4ZOE	129,408	250	48	144	*K34AA	7A	31,395	142	24	67	N5TJ	4,042	35	17	30	*N4DLA	864	19	9	9
*K4JAV	4,559	40	18	33	N4YO	120,379	238	60	143	*W4EE	3.7A	90	5	5	N5ATM	3,655	42	17	26	*K6AJI	594	26	12	10	
*K4L4R	4,474	115	21	33	KU4FX	109,045	238	58	135	*K3TB	697	22	5	12	W5VJ	2,065	25	14	21	*W6ELA	450	12	9	9	
*N1XR	4,185	39	16	29	K44CDN	105,336	211	60	171	District 5					K5BAK	1,581	18	13	18	*A1GJU	550	12	9	9	
*K43PCX	4,042	39	15	32	N4PD	79,857	172	48	123	AD5XD	A	495,824	729	90	214	K6RAH	984	17	9	15	*W6AGD	420	24	18	17
*KN4DXT	3,901	43	18	29	K4NCP	77,717	263	26	126	A15SF	210,080	382	56	152	K0SAFS	741	16	9	10	*A1GIN	384	11	8	8	
*K6Z2	3,696	37	17	27	W4CD	74,694	183	51	126	K5LAD	126,633	276	62	129	NH7R0WS	567	12	10	11	*W6DPM	384	12	7	9	
*N4DE	3,649	39	15	26	K4Y1Y	72,446	155	59	129	N5DD	124,630	229	66	140	N5FO	135,250	521	29	96	*K6BJR	300	13	7	7	
*N5UDV	3,500	33	11	23	K4Y1Y	70,512	190	73	122	K6BWWW	78,732	192	53	114	N5FD	333,270	515	29	96	*W6UJ	288	17	10	32	
*N4PR	3,500	49	19	31																					

*W6ZL	AA	85,943	224	47	96	*K1AUS	.	1,984	30	16	15	*K7AMB	.	612	14	8	10	*K8TS	.	8,051	90	33	64	K2UR	21A	75,224	250	26	86
*N6OR		32,451	145	33	54	*NS7U	.	1,537	39	15	14	*W7EEU	.	81	5	5	4	*K4VZY	.	6,996	40	29	37	N6QA	14A	25,226	131	12	56
*W6SPOT		30,060	120	38	121	*K7JUN	.	1,299	28	12	12	*NG2G	.	72	5	3	3	*N6JDM	.	4,272	34	17	20	N6JL		18,841	105	20	63
*N6JNL		31,904	89	21	56	*W7DBA	.	1,128	29	12	12							*W7BVC	.	1,176	43	18	30	W6JLY					2
*W6VAV		10,260	64	29	31	*W7W7E	.	975	15	11	14							*N6VVC	.	3,948	35	15	27	K6CBG	3.7A	64	5	4	4
*A6GJA		9,975	74	28	29	*N7LAN	.	925	31	13	12	N6BV	A	1,496,412	1388	105	317	*K8EJT	.	3,120	33	15	25	N9NCC	1.8A	16	3	2	10
*A6SFS		9,198	98	29	34	*KG7PDC	.	651	22	11	10	K8GL		772,964	836	94	252	*N8DXT	.	1,488	21	14	17	*K9PCE	AA	130,962	231	69	150
*W6GFA		8,265	59	25	32	*W6PAN	.	551	18	9	10	K8AO		419,608	623	67	187	*N8EJ	.	1,488	24	6	18	*N9TFT		115,456	239	50	126
*K6EPLA		8,262	68	20	34	*W7EEH	.	550	16	12	10	W8MET		239,424	402	68	164	*A8B3C	.	1,092	22	9	19	*K9D9CLH		100,776	253	46	106
*A6EPL		4,142	50	15	23	*K6T7J	.	496	14	8	8	W8BRCN		174,838	357	64	150	*N8BFA	.	360	11	9	9	*N8RVP		94,522	215	45	122
*K6MKRO		3,360	37	13	21	*K6G0DP	.	372	23	8	11	K8SD		163,307	237	147	130	*K9BZL	.	1,136	16	10	15	*K9BZL		51,110	334	51	124
*W6JBR		3,485	40	20	21	*K6D0YF	.	300	11	8	10	N9RC		143,100	255	65	160	*W6CP	14A	748	13	9	13	*K9AO		16,450	78	37	57
*N6OG		2,349	30	13	14	*K7IT7H	.	306	25	17	17	K8BU		82,782	208	48	98	*K8MRM	.	66	5	4	2	*A9ELL		14,365	74	33	52
*W6IFN		2,130	28	15	15	*K5PSN	.	290	15	5	5	A8FC		62,832	195	45	91	*W9LU	.	13,950	62	34	56	*N9VVP		10,050	62	26	41
*W6WGS		2,013	32	17	16	*W7HBP	.	240	13	8	8	N8RJP		36,840	112	39	81	*K9JUS	.	1,696,940	1346	121	339	*W6SLE		4,753	54	20	29
*K6JTR		612	17	9	9	*W7AMR	.	170	10	7	10	W8MZ		35,420	123	38	77	*K9BGL	.	462,689	591	80	209	*N8EAT		4,002	32	18	28
*W6WGP		578	12	8	9	*K7JSG	.	154	10	8	4	K8TL		32,155	120	34	75	*W6P	.	251,900	419	63	166	*W6BVG		3,830	39	19	36
*K6JEP	14A	26,068	132	26	50	*K7RMZ	.	88	8	6	6	K8DBXE		26,578	99	35	62	*W6T	.	180,420	345	50	136	*W6B		1,300	20	10	15
*K6SCT		150	9	5	5	*W7DRN	.	72	10	6	6	K8SU		24,100	108	23	62	*K9JUS	.	66,820	212	48	112	*K9GDF		1,080	18	10	14
*N6ABT	7A	2,052	28	11	16	*W7UFP	21	11,712	130	20	21	W8VY		14,697	79	21	58	*N9BT	.	8,420	255	56	119	*K9GDF		220	8	3	8
						*K7HKR		5,304	50	14	25	W8VRN		14,697	79	21	58	*K9GDF	.	8,420	255	56	119	*K9GDF		1,100	22	10	12
						*K7B7P		3,348	40	12	24	K8SU		8,100	56	28	38	*K9GDF	.	8,420	255	56	119	*K9GDF		1,080	18	10	14
						*K6VHF		276	19	6	6	N8PMR		5,880	49	20	36	*K9GDF	.	8,420	255	56	119	*K9GDF		220	8	3	8
						*N7FLT	14	43,860	189	24	61	K8SAS		5,472	43	21	36	*N9LJE	.	61,887	160	57	90	*K9GDF		72	4	4	4
						*K7ACZ		6,532	53	21	25	N8BO		5,445	47	22	33	*N9PE	.	26,108	99	37	70	*N9TR	14A	138,554	359	30	116
						*K6DAV		1,062	22	8	11	K8D9X		5,470	43	21	36	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*K3TP		4,896	26	13	13	K8MP		4,896	46	19	29	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*W7SY		968	19	9	7	W8JW		1,496	21	13	21	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*W7R7C		703	17	10	9	W8BRNV		936	24	11	13	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*K7ITZE		481	22	7	7	KUOD		690	20	11	12	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*K1LKO		190	11	5	5	W8BWKD	28	2,990	55	7	16	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*K6ST		130	11	5	5	N8BJJ	21	41,238	172	20	67	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*W7OLA		110	14	6	5	KEY		5,535	66	19	29	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*K7GSDW		24	6	4	4	W8WA	14	429,632	183	33	104	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*K7XTN		2	2	2	2	W8WA		97,464	291	29	102	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*N7PXT		6	1	1	1	AA8DC		72,684	282	24	84	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*N6L	7	1,250	24	10	15	KGZ	3.7	4,536	46	10	32	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*W7BBSR		252	8	6	6	*N8II		736,575	778	89	256	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*K7X		18	3	1	1	*N8GLS		238,350	385	60	167	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						*K7DMZH		1	1	1	1	*W8G		617,779	174	49	104	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM	AA	1,342,068	1543	120	284	*K8Z		60,532	172	50	83	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM		924,561	1010	113	250	*W8KNO		45,612	149	43	98	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM		696,465	918	96	201	*K8BKM		28,600	114	34	66	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM		410,020	744	89	268	*W8ASA		27,336	100	33	69	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM		341,315	446	91	204	*N8BX		27,336	100	33	69	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM		332,704	434	93	203	*N8BX		27,336	100	33	69	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM		328,472	651	76	198	*W8BTM		26,730	104	33	74	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM		292,320	485	78	174	*N8MME		20,864	99	24	59	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM		291,907	494	67	156	*K8LBT		17,304	75	29	55	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124
						K6BIM		290,157	424	97	190	*N8PPF		12,920	76	26	50	*K9GDF	.	19,136	86	42	50	*K9GDF		158,550	334	51	124

A6AW	216.864	385	67	154	VA2CZ	202.797	446	52	137	VA7ST	A	376.350	1201	52	98	KPARV	A	486,864	1638	42	102	9L1YXJ	AA	252,900	614	35	115	
WBDN	215.004	358	67	161	VA2OR	113.238	270	46	116	VE7BC	A	118,272	500	49	63	WP1	A	9,399	93	10	29	ZS2ABE	A	109,392	240	56	116	
N00DK	196.418	331	63	155	VE2CSM	102.114	233	54	129	VE7CS	7	15,082	121	16	33	WP4DRB	14	22	8	5	6	ZS2HR	A	66,548	228	41	86	
K0AYU	184.880	346	66	166	VE2KTA	81.425	190	40	95	VA7FTF	3.7	259	22	4	3	KP4JFR	7	2,706	33	9	24	ZS6HON	A	7,497	58	14	37	
K0AD	189.819	384	64	143	VA2AGW	9.480	67	16	44	*VA7CRZ	A	111,706	277	57	101	*WP3EF	A	37,404	112	44	80	ZS6MAC	A	931	17	10	9	
NROT	141.038	271	55	139	VE2GT	1,416	24	8	16	*VA7EGZ	A	6,909	79	23	24	*WP3JW	A	21,888	117	26	50	ZS6NAC	A	7,497	58	14	37	
NOBUI	109.850	243	49	120	VA2MIM	91,015	339	25	84	*VE7KPB	A	5,418	55	21	22	*WP4RF	A	9,462	60	22	35	ZS6NAC	A	180,272	414	53	99	
W0XZ	101.752	244	52	109	*VE2GTZ	71,669	184	39	110	*VE7BAV	A	3,885	47	19	18	*NP3OT	A	2,496	34	12	20	ZS6NAC	A	7,497	58	14	37	
K5ZG	91.314	250	58	113	VE2CJR	31,623	102	38	60	*VE7BGP	A	2,408	34	13	15	*WP4MPC	A	48	4	4	4	ZS6NAC	A	7,497	58	14	37	
K0RJV	83,520	227	44	100	VE2CJG	90	17	12	13	*VE7JWJ	A	2,340	38	13	13	*KP3LR	28	19,778	321	12	19	ZS6NAC	A	180,272	414	53	99	
WADMMHJ	65,120	130	61	60	*VE2LPP	925	17	12	13	*VE7KCY	A	476	15	6	6	*KP4NIXI	A	60	73	7	8	ZS6NAC	A	7,497	58	14	37	
N00LRA	60,024	154	51	113	*VE2KAZ	273	12	7	6	*VE7BWR	A	264	21	6	5	*NP4E	14	48,804	487	17	32	ZS6NAC	A	7,497	58	14	37	
W0ZQ	48,556	157	46	76	*VA2SK	14A	40	3	2	*VE7DZO	14	32,472	463	16	20	*NP4LE	A	13,080	208	11	19	ZS6NAC	A	7,497	58	14	37	
KE0ITC	44,811	155	37	80						*VE7ZZV	A	1,258	24	15	19	*KP4JRS	3.7	4	1	1	1	ZS6NAC	A	7,497	58	14	37	
NU0W	41,676	120	47	104						*VE7GZG	A	360	20	7	5	KP3Z	AA	4,905,740	4211	126	397	ZS6NAC	A	7,497	58	14	37	
K0AP	37,454	112	33	89						*VA7DGT	7	198	10	6	5							ZS6NAC	A	7,497	58	14	37	
NB0M	33,027	119	30	71	District 3					VE7NYN	AA	716,083	1369	70	159							ZS6NAC	A	7,497	58	14	37	
K0PC	32,148	107	41	73	CF3A	A	5,351,688	4617	114	364	(OP:VE3AT)											ZS6NAC	A	7,497	58	14	37	
K0VH	25,203	99	30	63	VA3CR	A	1,448,550	1962	86	247	(OP:VE3AT)											ZS6NAC	A	7,497	58	14	37	
K0VH	19,656	113	24	48	VA3CCO	A	696,755	852	87	224	VE7NYN	AA	716,083	1369	70	159	KP4K6DTT	A	60,190	206	47	83	ZS6NAC	A	7,497	58	14	37
K0CCO	18,490	91	29	57	VA3CCT	A	599,248	891	67	201	VE7BYH	A	116,616	439	42	87	KP4JJO	A	6,313	50	26	33	ZS6NAC	A	7,497	58	14	37
N9GB	16,954	67	38	60	VE3GVL	A	95,756	246	40	108	VE7CV	A	68,510	202	39	91	*NP4RA	7A	129,778	265	50	137	ZS6NAC	A	7,497	58	14	37
K0TLG	16,380	79	32	52	VE3JUT	A	599,248	891	67	201	VA7V	A	59,598	206	46	83	*NP4RA	7A	2,436	32	8	20	ZS6NAC	A	7,497	58	14	37
W5HWZ	10,902	152	28	41	VE3GVL	A	95,756	246	40	108	VE7CKZ	A	34,691	125	44	69							ZS6NAC	A	7,497	58	14	37
K0DEZS	10,863	77	29	42	VE3RX	A	88,343	215	55	112	VA7JW	A	19,810	107	24	46							ZS6NAC	A	7,497	58	14	37
K0BYH	10,269	69	23	60	VE3MT	A	10,690	98	28	61	VE7CJW	A	14,328	79	32	40							ZS6NAC	A	7,497	58	14	37
W0YES	9,315	57	24	45	VE3MT	A	10,690	98	28	61	VE7CJW	A	10,579	24	47								ZS6NAC	A	7,497	58	14	37
K0XY	9,211	55	21	40	VE3FTM	A	4,896	48	17	31	VE7AX	A	943	20	11	12							ZS6NAC	A	7,497	58	14	37
K0KBC	8,911	52	25	43	VE3FTM	A	4,896	48	17	31	VE7FO	14A	20,808	328	16	18							ZS6NAC	A	7,497	58	14	37
AD0RW	8,778	56	23	43	VE3SDF	A	3,608	32	6	25	*VA7BEC	AA	266,230	821	53	105							ZS6NAC	A	7,497	58	14	37
N0KY	7,458	57	28	38						(OP:VE3VZ)		66,690	196	54	81								ZS6NAC	A	7,497	58	14	37
NU0A	7,192	51	20	30	VA3FP	14	23,808	162	14	50	*VE7WVK	A	10,432	66	27	37							ZS6NAC	A	7,497	58	14	37
W0M	4,753	55	21	28	VA3MCC	A	20,412	88	20	61	*VE7AHT	A	9,464	73	26	30							ZS6NAC	A	7,497	58	14	37
N0BAC	4,641	37	22	20	VE3M	A	58,710	277	24	71	*VE7DXC	A	7,215	90	19	18							ZS6NAC	A	7,497	58	14	37
W2UFO	3,870	41	15	30	*VC3M	A	2,046,369	2066	100	311	*VE7EJ	A	6,630	15	10	8							ZS6NAC	A	7,497	58	14	37
K9TW	3,350	30	21	29						(OP:VE3LA)		6,630	15	10	8								ZS6NAC	A	7,497	58	14	37
W0MB	1,147	19	15	16	*VE3CV	A	301,320	497	69	179	*VE7JAY	14A	644	20	9	14							ZS6NAC	A	7,497	58	14	37
W0LM	880	17	11	11	*VE7TU	A	102,663	270	39	114	VE9CB	AA	2,970,708	2878	90	327							ZS6NAC	A	7,497	58	14	37
K6DJ	594	20	14	19	*VA3GD	A	79,365	226	39	102	VE9EK	AA	12,462	80	21	46							ZS6NAC	A	7,497	58	14	37
AZL	272	9	8	9	*VE3MH	A	67,188	222	37	103	*VE9DA	14A	1,584	22	12	21							ZS6NAC	A	7,497	58	14	37
KV0D	14A	547,473	1386	36	129	*VE3JAR	A	55,935	174	52	113	*VE9HF	A	1,242	20	11	17						ZS6NAC	A	7,497	58	14	37
NJBF	7A	83,853	294	10	60	*VE3IDT	A	41,736	144	32	79	*VE9M	7A	5,460	50	11	31						ZS6NAC	A	7,497	58	14	37
W9RM	17,784	89	27	49	*VE3SST	A	40,515	151	36	75	*VE9ML	7A	5,460	50	11	31							ZS6NAC	A	7,497	58	14	37
K0ARY	322	8	6	8	*VE3LW	A	32,421	111	35	72	ZF9CW	A	5,985,848	5404	129	373							ZS6NAC	A	7,497	58	14	37
*N0UR	AA	124,476	291	48	116	*VE3SSN	A	29,536	122	30	74	T120Y	A	738,560	1348	66	190						ZS6NAC	A	7,497	58	14	37
*AD1C		103,428	236	54	115	*VE3SO	A	28,574	128	32	61	T11T	21	385,642	1777	27	82						ZS6NAC	A	7,497	58	14	37
*K4IU		36,600	121	45	77	*VE3NA	A	27,927	128	32	61	*T14VAA	AA	23,900	97	36	64						ZS6NAC	A	7,497	58	14	37
*K1UJ		30,458	124	37	60	*VE3AYR	A	23,852	113	28	61	T17W	AA	269,750	1071	44	81						ZS6NAC	A	7,497	58	14	37
*W0FN		22,950	99	42	60	*VE3LMS	A	23,670	113	28	62												ZS6NAC	A	7,497	58	14	37
*AE0EE		18,600	81	37	66	*VE3GTS	A	18,620	78	25	70												ZS6NAC	A	7,497	58	14	37
*WZ1Y		15,075	75	27	48	*VE3TJ	A	17,316	90	18	56												ZS6NAC	A	7,497	58	14	37
*W0SEI		8,733	57	27	44	*VE3PQ	A	11,323	68	21	46												ZS6NAC	A	7,497	58	14	37
*K0MPH		8,208	57	25	32	*VE3DN	A	11,175	73	25	50												ZS6NAC	A	7,497	58	14	37
*K0VBU		7,744	47	26	38	*VE3SO	A	9,982	71	19	43												ZS6NAC	A	7,497	58	14	37
*W6GMT		4,356	45	20	24	*VA3NU	A	6,216	44	22	34												ZS6NAC	A	7,497	58	14	37
*K0MUK		4,250	37	18	32	*VE3NM	A	5,940	50	20	34												ZS6NAC	A	7,497	58	14	37
*K4EQ		3,352	35	12	24	*VE3KBI	A	4,896	46	21	30												ZS6NAC	A	7,497	58	14	37
*K0MUL		1,980	23	10	20	*VE3LGB	A	3,264	31	18	30												ZS6NAC	A	7,497	58	14	37
*KE0OR		1,632	26	13	21	*VA3EON	A	2,790	35	20	25												ZS6NAC	A	7,497	58	14	37
*K1JOP																												

I20FLW	130,207	472	47	162	TASAER	5,012	69	6	22	DL1DXA	5,217	77	13	34	
UV21Z	108,040	368	45	140	DK1MHR	3,920	98	6	22	SM0R	5,031	121	7	32	
K3ZT	77,400	186	52	120						(OP:E73WM)					
N0DC	76,000	200	52	100	UA0A	2,060	41	12	26	E4ZGM	4,592	109	7	34	
UA30Q	72,765	393	31	134	YB1PEF	2,646	32	10	21	E77D	3,848	94	6	31	
UR5FEO	72,558	330	34	140	UR5FAI	1,764	39	6	22	L2ZAU	3,071	73	7	30	
EW8G	66,924	326	30	126	L250Z	1,650	54	7	18	K2GMY	2,156	28	11	17	
UZ5DM	61,633	457	31	112	LU70UE	1,560	47	12	12	UT5WAA	1,302	42	7	24	
W6QU	57,200	177	51	119	M0JBA	1,550	48	7	24	Y3SWL	578	16	7	10	
					(OP:W0BZ2)					ON5EE	252	17	3	10	
DK8TA	46,576	302	29	113	OE3MDD	1,219	41	5	18	VE3CBK	187	9	5	6	
F4HHL	45,150	290	27	102	L2ZJR	980	25	6	14	YB8RI	135	7	4	5	
H45BA	31,034	218	30	88	S01NKO	693	33	6	15	JM2LHB	24	2	2	2	
OH3KQ	23,940	180	28	86	DL2DWP	561	33	4	13	S05CW	39,836	358	16	76	
IW1BCO	23,183	169	22	75	IV3BTY	480	14	8	12	LZ8U	11,780	152	11	51	
L27H	22,684	148	26	80	R2WW	396	21	4	14						
RW9VA	18,830	105	20	50	KZ3I	240	8	6	6	IN3HUU	8,400	163	5	45	
KX3TY	14,685	139	22	67	SP9RQ	132	13	8	8	Y7SCO	3,081	51	10	29	
IQ2S	14,535	124	19	66	JH7BMF	120	5	4	4	E20WXA	170	26	2	3	
					(OP:U2IGX)					LW2EE	55	13	4	7	
VE6EX	13,760	166	21	22	BH4IWK	76	7	3	3	SP5ES	9,513	135	9	54	
UX8IX	11,120	117	19	11	EA3FHP	63	5	4	5	9A4AA/MM	6,615	67	5	30	
YB3EDD	11,032	84	19	37	M6PGU	40	7	2	6	L2ZDB	5,084	118	7	34	
M6XO	10,920	140	24	67	Y2H2T	6	3	1	1	OE10MBD	483	39	4	17	
EA5EX	10,208	102	22	64	LU4DPL	1	1	1	1	H8AV	208	17	3	10	
SM10BU	9,408	120	18	66	LY2NK	7	50,343	427	16	81	JA5NSR	3	5	1	2
					(OP:SP2UUU)					EU1AA	8,262	170	7	44	
Y2BN	8,360	81	32	44	I24VQS	25,353	244	15	66	DL2SAX	1,296	51	4	23	
F4GWM	7,991	99	17	44	S08BFM	11,816	191	8	48	W3R3	140	15	2	3	
SP9TKW	7,600	92	21	59	SP5FKW	11,220	163	10	56						
YU3VIP	6,985	135	16	39	CR5M	6,370	118	8	41						
PS8MT	6,912	103	26	38	(OP:CT1HS)										
BD4HXZ	6,413	83	6	22	OK6KO	122	4,440	122	5	35					
I2ZJPN	5,856	71	15	46	OP4A	3,871	65	10	39						
N4ZAK	4,948	50	19	29	M1LCR	2,448	64	7	29						
G3PLE	4,784	72	16	36	UR5KBP	2,108	52	8	26						
EA8DD5	4,704	50	18	30	JA2MWW	1,474	30	11	11						
F4BIT	3,900	79	12	40	T47AGL	1,280	28	5	15						
DF7XR	3,876	60	12	39	YC7GCS	1,190	49	6	11						
S03GFP	3,588	48	18	28	JR6BU	893	21	0	7						
M0JGX	3,447	61	3	42	T23MS	630	29	4	17						
YB0ANN	3,090	39	11	19	UB6RN	320	27	5	15						
H9NBNN	2,970	46	13	32	G3ZNR	255	27	2	73						
SM/QZPAT	2,726	54	13	34	RA0AY	240	14	9	7						
R23AR0/G	2,628	55	9	27	W7RLF	220	14	4	6						
					DM5CT	2,352	45	15	34						
OS85B/P	2,352	29	8	20	DW3TRZ	216	19	5	7						
PY2IAK	2,176	43	16	18	NW4MWWZ	169	14	4	9						
PA7M	2,063	45	2	18	IB1ATP	154	14	8	3						
KC8VWM	1,980	31	17	19	TB7EM	120	5	3	5						
VK2FHRK	1,980	41	15	15	SP9BJJ	78	10	4	9						
G7PZV	1,700	36	10	24	DG2FDD	66	11	2	9						
SY1AOG	1,443	27	13	24	YC1ELP	63	4	3	4						
R070K	1,376	40	14	18	N2SRK	56	6	4	4						
R1UF	1,295	38	10	25	YD1BED	45	3	2	3						
PY2MM	1,280	24	11	17	9W2JWV	18	4	1	1						
OE3VET	957	27	10	19	EZ7AH	0	1	1	1						
SP3BES	924	31	7	21						(OP:HS4WLA)					
R25A	918	32	7	20	OL4W	3.7	17,400	292	8	52					
9M6ZAE	810	19	8	10						(OP:OK1IF)					
DL7DR	806	28	11	20	OK6K	16,848	320	6	46						
PA1B	704	28	6	16						(OP:OK5IM)					
CH3EFM	698	13	12	18	R2FI	4,284	132	5	29	WW4LL	2,504,295	1878	113	392	
K7V4L	640	12	9	12	OZ6DM	4,230	98	13	33	W4AQL	680,442	732	92	265	
OM3KHT	525	24	7	18	OM7KW	3,939	108	6	33	W5MX	338,428	450	81	211	
					(OP:OM7ANT)					WA4IPU	212,724	342	61	167	
DM7C	441	15	8	13	GF7AFP	3,840	77	9	31	*NASVC	651,264	729	95	271	
					(OP:DL7CX)					*WK1DS	400,456	460	90	240	
M60DZ	432	27	6	18	PA0AWH	1,568	55	5	27	*W4MLB	398,698	596	85	241	
Y03HG	380	17	7	13	OM6AMD	1,368	62	4	20	*WA1F	132,492	261	45	136	
DL9ZAL	351	10	7	12	JH4RPZ	1,168	6	6	6	*AD4XT	25,145	121	41	66	
D05TMM	252	14	6	12	HA1TI	1.8	9,165	207	6	41					
ON4ANE	198	30	5	13	HA5NB	4,995	112	5	40						
P2UZSU	176	16	2	9	UR5VAA	3,367	95	6	31	K5TR	3,798,400	3071	160	480	
EA3GYE	165	19	7	8	RA2FDX/3	1,242	59	6	22	W5RRR	24,200	102	34	66	
V43MYC	143	9	6	7	R7NA	1,080	43	5	22						
JP30UG	133	9	4	3	DL55FC	648	32	3	21						
PY1XR	132	9	6	6	DF1TB	323	23	3	14	NW6P	498,465	734	81	184	
IU5HES	126	8	2	6	Y04Y	228	15	3	11	*N5VC	428,624	570	86	205	
MW0DNF	100	6	4	6	SV1BJJ	88	9	4	7	W6AX	143,034	306	61	125	
EA3HLF	70	19	16	19	HK3W	6	1	1	1	*H6UTC	12,144	92	28	41	
M6VUK	66	9	4	7	VE2IDX	AA	791,296	1252	73	208	*A1GV	10,220	81	33	37
DL2SFO	35	7	3	4	L2ZDF		550,784	725	91	325					
ON6EB	320	9	8	4	R74W		298,704	710	60	324					
LU4VZ	5,320	96	13	22	E63X		281,144	565	65	246					
ISKAP	2,958	50	12	17	(OP:EAK3)										
S9G6S	1,247	39	6	23	VA7FC		140,454	421	57	96					
EA8BUE	880	20	7	13	YU1LIM		85,050	399	37	138					
LU7VCH	640	19	8	12	9A40P		72,240	372	33	135					
EC4AA	448	11	6	10	S53NW		62,900	359	34	114					
P2U2NK	375	22	8	7	W1JCW		32,890	111	40	75					
P2UTRX	144	25	6	3	IK1ZOF		25,288	166	26	83					
3Z3Z	49	5	3	6	S0BP		22,330	168	28	92					
					(OP:S03ET)										
UW5EJX/MM21	46,620	201	22	62	RA3DJA		16,928	145	21	75					
HK0RMR	39,435	351	19	36	PE2K		16,650	190	15	75					
JQ1NGT	23,310	154	23	40	IN5UFV		9,546	121	14	60					
TA2IB	22,579	135	18	40	JK1TCV		7,124	55	24	28					
H63C	17,516	164	16	42	OK1DMP		4,641	33	19	32					
					(OP:H8H3)										
SP5DDJ	17,228	115	23	17	S54X		2,891	42	18	31					
JR2EKD	15,660	108	20	34	DD0VS		2,516	33	16	21					
OK1LV	7,498	88	15	31	OK1HBP		1,833	48	7	32					
JR1NKN	4,983	70	15	18	YF3DGO		672	18	11	10					
F1ICR	2,074	55	20	14	K7JAN		506	19	11	11					
JL1K1K	1,620	22	13	17	DL8MF		345	15	9	14					
GU4YBW	1,150	34	5	20	M0WLY		140	14	3	7					
JHNCZ/1	735	17	9	12	E4H3X		96	8	7	3					
DF33D	608	24	14	8	Y01HBP		52	6	8	3					
J1K3C	594	15	9	13	PJ2RTO	28A	96	35	10	11					
RA7RA	510	25	4	13	SV1NK	21A	32,965	203	27	68					
DF7LS	506	26	6	16	L2ZLN		16,698	127	21	48					
AD0BI</															

F8KGH	443,394	676	87	304
F8KSE	329,588	711	72	226
F8KSHO	301,056	625	70	266
F8KRV	196,426	647	52	173
F4HRU	137,025	420	62	163
*F8KGS	536,484	1011	78	284
*F8KKE	343,970	851	71	224
*F1PYN	28,728	158	37	89
Germany				
DR1A	9,756,279	6019	159	634
DF7D	3,538,523	3177	133	525
DP9I	913,767	1598	79	312
DJ4MX	553,395	761	83	312
DL1M	361,460	625	70	240
DLOHMK	339,066	760	62	237
DLOWM	300,468	800	72	220
DLOZZ	291,165	695	63	232
DG0YS	220,042	527	61	208
DK0KKB	124,280	325	53	165
DK0SB	109,604	425	47	165
DK0WV	73,542	358	47	159
DLOPS	63,124	198	48	124
*DR7B	114,048	395	42	156
*DL1D	91,875	290	53	122
*DM6A	23,919	178	26	93
*DLOIL	7,140	114	11	40
*DK0GM	3,796	90	9	43
*DO4X	2,948	56	12	42
*DLOII	2,592	61	12	42
*DLOHDB	1,998	50	15	39
Greece				
J42L	5,130,561	5321	138	531
SX2Z	2,280,276	3225	116	466
Z29P	729,630	1845	70	260
SZ2TSL	17,473	113	29	72
*S24XR	110,745	419	46	161
Hungary				
HG5A	4,779,720	4352	136	476
HG6N	4,384,278	3688	141	540
*HG5P	45,543	303	27	114
Iceland				
TF2R	2,350,080	3430	85	323
Ireland				
E10R	1,497,241	1636	101	392
Isle of Man				
*MD0GLK	29,120	196	29	83
Italy				
IR4X	10,641,724	6330	165	631
IR4M	9,207,770	5738	161	623
IO5O	8,720,864	5731	149	587
IR6T	8,490,794	5540	155	599
IR2L	3,509,820	3203	134	486
IR8P	3,282,104	3404	127	475
IO4FA	2,589,896	2584	128	491
IO0RU	555,592	1172	66	230
IN3FOU	336,638	945	54	227
IO0RX	253,053	826	60	219
IE2BEE	32,487	234	26	93
IO5FI	5,475	81	24	49
IB2T	4,370	61	15	31
IO2MI	2,046	72	5	26
*IO7YP	232,394	751	63	199
*IO8XE	162,952	488	61	191
*IO3BM	163,125	459	55	206
*IU0ZHF	4,558	30	16	37
Jersey				
GJ2A	731,612	1300	69	302
Latvia				
*YL1ZR	1,008	26	10	18
Liechtenstein				
H80A	1,730,310	2510	79	332
Lithuania				
LY5W	1,640,688	1976	107	407
LY2J	943,170	1609	99	348
*LY5AA	533,950	1255	75	287
Luxembourg				
LX7I	10,222,884	6855	161	630
*LX8M	913,872	1337	99	375
Malta				
9H6A	2,249,811	3445	114	433
Netherlands				
PI4AMF	1,795,600	2121	114	422
PC2L	1,389,570	2067	99	410
PI2SKAR	415,162	903	68	266
PE5JW	93,259	426	36	143
PH4MM	50,955	325	28	101
PH4VPO	14,453	140	21	76
Norway				
LA3T	279,818	634	65	188
LN2D	234,117	721	46	215
LA1K	32,480	368	14	56
Poland				
SO4R	2,295,447	2970	112	411
SN7H	1,492,700	2381	90	370
SP2KP	990,111	1329	89	363
SO100N	831,312	1729	82	286
SZ1K	654,042	1248	81	285
SO100ZHP	607,545	1472	77	268
SP9KDA	519,921	1053	78	291
SN5O	357,012	1196	62	220
*SNE	300,310	718	62	233
*SP2MT	279,008	639	70	232
*SZ100I	201,552	657	59	138
*SN9A	135,828	486	42	154
*SP3KOV	89,950	244	54	121
*SP5PDB	67,240	343	33	131
*SN9H	61,920	343	36	124
*SP5PRF	53,428	302	36	112
*SP100ZCF	10,648	108	22	66
Portugal				
CR5E	8,209,080	5879	144	547
*CR5K	164,302	436	55	171

*YR100R	765,960	1394	86	304
*Y04KAK	37,859	184	39	92
Sardinia				
IS0BWM	267,734	837	52	211
*IO10D	51,824	299	35	123
Scotland				
G3M0V	2,033,205	2753	92	353
*MM0TGH	123,046	516	38	149
*GM7A	71,394	390	32	131
Serbia				
YU5R	3,917,730	3879	136	509
YT0SRV	1,009,683	1928	82	305
YT5C	3,105	56	13	32
*YU2A	431,648	1006	69	259
*YU1AFV	98,280	1250	20	70
*YT0B	14,268	152	19	63
*YU1HFG	3,315	63	14	37
*YT5L	2,142	66	8	26
Sicily				
IO9A	3,324,860	3846	108	400
*IO9R	812,160	1600	77	243
Slovak Republic				
OM4Q	1,528,098	1966	108	399
Slovenia				
S50C	6,622,646	4733	158	600
S51A	2,521,254	2842	112	442
S54K	1,386,538	1947	101	356
*S56K	615,650	1373	75	276
*S54I	386,384	1059	58	246
Spain				
ED7P	5,543,672	4431	148	546
ED3X	4,812,516	4057	138	528
EE5V	1,925,136	2889	97	364
EE1G	821,121	1140	93	334
ED4B	742,752	1649	64	254
EA5/LN2G	529,544	1041	71	225
EA3IBS	459,984	924	67	229
ED2W	140,890	559	35	111
EE2K	112,554	426	43	126
ED2R	44,856	189	37	89
*EC5AN	672,388	1055	84	344
*ED3D	361,956	927	69	209
*ED1O	230,112	648	58	224
*ED1N	30,800	128	50	104
*EA1GTX	10,400	136	13	52
Sweden				
SJ0X	3,016,818	3542	126	495
SK7K	1,908,309	2779	105	396
SK00K	500,964	1192	66	261
SJ3A	84,476	319	48	148
SE3T	58,055	244	40	114
SA6MWI	18,423	162	23	66
Switzerland				
HB9H	3,906,619	3679	139	528
HB90K	769,440	1481	82	338
HB92Z	503,644	844	70	282
HB2S	160,734	339	65	193
HB2C	135,400	349	56	144
HB2C	84,504	395	37	131
Ukraine				
UZ2I	1,112,372	2205	85	343
UT1S	144,878	660	35	179
UR4RWW	43,806	228	29	118
UT7AXA	11,297	121	14	65
UR4PWC	7,452	38	14	55
*UW7W	861,986	1107	91	349
*UW6M	125,050	479	46	159
*UZ3P	118,365	491	40	155
*UZ2HTZ	891	21	9	18
Vienna International Center				
*4U1A	1,580,031	2827	98	351
Wales				
GW0RHC	193,965	563	49	152
*GW9T	529	30	5	18
AFRICA				
D4C	28,093,569	11612	177	684
Z23MD	736,560	1204	61	179
FR1L	653,600	1061	48	162
ZS6MRK	1,760	29	16	23
ASIA				
CAA	10,647,880	6103	126	494
RT0C	3,910,995	3767	141	354
ASA	1,907,712	2046	102	282
JE2YR	1,401,410	1446	120	277
HB4PYC	1,069,134	1632	98	236
VR2CC	759,800	1980	73	159
BY1AA	749,650	1272	94	225
JY1ZGP	192,600	470	66	114
BY4QA	152,192	523	58	106
BY3GA	143,916	549	62	117
BV2A/3	120,375	614	43	82
BY1CY	93,051	583	49	98
9M4CHS	30,615	220	25	40
DT3G	29,484	484	27	47
JR8YHF	17,440	88	36	27
JY2YGP	1,804	32	20	21
EUROPE				
D12,192,700	9465	165	665	
9A7A	8,972,139	6709	156	603
HG7T	8,864,184	6795	165	633
SN8B	8,165,050	6626	155	575
EA6OM	5,666,601	4948	140	541
E19E	5,224,032	5203	119	463
DR5N	5,217,977	4595	136	553
IJ2S	4,987,568	4641	137	519
4,532,962	4354	136	522	
4,384,765	4988	109	430	
4,217,662	3825	153	580	
4,100,459	3719	122	466	
3,772,416	163	26	488	
3,422,508	3473	134	512	
3,170,008	2911	118	450	
3,111,610	3288	129	481	
2,897,297	3372	119	412	
2,564,625	3419	109	416	
2,471,970	2989	104	406	
2,363,760	2233	122	466	
2,293,652	3804	92	374	
2,040,200	2559	105	400	

SOUTH AMERICA				
Argentina				
LT1F	6,084,608	4287	132	380
LU2DD	2,183,571	2453	103	248
LU7H	1,675,180	1727	111	268
LU3DX	766,320	1418	62	144
LU3DRP	248,540	573	65	150
LU1VKQ	43,757	182	48	85
*LU1DBQ	244,446	711	37	94
Bonaire				
PJ4Q	7,148,438	4698	127	415
Brazil				
P05B	4,373,186	3378	127	355
*PR5O	1,145,724	1476	81	226
*XZT	165,111	526	45	96
*PV2B	129,034	418	52	97
*ZV4SL	12,978	154	29	34
*ZW1WPT	1,200	39	10	14
*PY2OSL	667	49	11	12
Chile				
CE3CT	4,462,644	3657	120	324
*3G1D	698,811	1177	76	181
CE3PA	85,993	395	50	63
*CB3ET	56,444	273	54	83
*XR1B	31,125	204	33	42
Fernando de Noronha				
*PY0F	3,			

India				Italy				New Zealand				Philippines				SOUTH AMERICA				Alaska														
VU2ZMK	69,600	281	26	74	IU1JCZ	49,344	493	17	79	*YD11DB	54	6	2	4	*K4BC	30,186	113	41	76	KD0JLE	3,116	40	17	21										
*VU3WB	60,888	335	23	63	IU5JHK	31,944	206	34	87	*Y63FKD	12	7	6	6	*K4BP	27,940	107	39	71	N0NZG	2,816	53	20	24										
*VU30XH	924	19	8	14	IU4RMY	62,990	261	42	128	*YD1HVZ	6	1	1	1	*K4ZP	18,177	89	29	54	*K6CX	108,239	239	65	127										
*VU30BO	384	15	7	9	*IUKKAH	56,457	227	41	112	Argentina				*W0VJT	12,220	71	20	45	*W0VJT	58,558	204	41	93											
*VU30E0	204	20	8	9	*IU2GGD	46,282	224	37	109	Brazil				*W0FY	12,033	77	18	45	*W0FY	19,694	88	29	57											
Japan				Lithuania				Chile				Equador				Belize																		
J1S1B1B	4,851	59	23	26	*L38GJL	25,272	156	32	85	*ZL1FAB	5,247	52	24	29	*K4KAND	11,935	76	28	49	*W0ZT	10,248	69	25	36	*K4BHE	6,496	45	24	34					
District 1				Netherlands				Colombia				Costa Rica				Guatemala																		
*JS2AAV	2,880	42	15	17	*L38GJL	23,871	131	35	74	*LW9ENF	28	5	2	2	*K4J4EU	9,443	62	24	47	*K4DOYC	2,856	38	16	18	*K4J4EU	4,576	46	20	32	*N0EMU	2,592	48	17	19
District 2				Poland				Costa Rica				Costa Rica				Costa Rica																		
*HL2DBP	63,616	232	60	82	*L38GJL	22,568	158	25	79	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*HL3/U1GKM	580	21	10	10	*L38GJL	13,110	88	30	65	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
Taiwan				Portugal				Costa Rica				Costa Rica				Costa Rica																		
*BX2AFS	25,688	156	27	49	*L38GJL	13,110	88	30	65	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
Thailand				Romania				Costa Rica				Costa Rica				Costa Rica																		
*E20JSC	4,796	64	16	28	*L38GJL	13,110	88	30	65	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
West Malaysia				Russia				Costa Rica				Costa Rica				Costa Rica																		
9M2VBC	1,029	36	9	12	*L38GJL	13,110	88	30	65	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*9W25AF	101,742	516	25	68	*L38GJL	13,110	88	30	65	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*9W2GVR	7,801	113	11	18	*L38GJL	13,110	88	30	65	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*9W2ZXP	6,390	95	12	18	*L38GJL	13,110	88	30	65	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*9W2LNR	5,921	97	11	20	*L38GJL	13,110	88	30	65	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*9W2YDX	1,782	49	11	16	*L38GJL	13,110	88	30	65	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
EUROPE				Slovak Republic				Costa Rica				Costa Rica				Costa Rica																		
Austria				Spain				Costa Rica				Costa Rica				Costa Rica																		
*OE9SEV	7,420	91	17	53	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
Belarus				Sweden				Costa Rica				Costa Rica				Costa Rica																		
*EW8LM	139,821	534	48	161	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*EU1TL	39,928	276	26	98	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*EW8MZ	8,400	102	18	52	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*EU1AD0	500	19	7	13	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
Bulgaria				Switzerland				Costa Rica				Costa Rica				Costa Rica																		
LZ4AA	448,200	1031	73	259	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*LZ7PW	55,713	205	41	106	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*LZ7EA	16,800	159	18	62	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
*LZ1TEA	104	5	3	5	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
Croatia				Ukraine				Costa Rica				Costa Rica				Costa Rica																		
*9A3EJZ	12,702	99	23	64	*L38GJL	20,760	298	30	90	*LW9ENF	28	5	2	2	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32	*K4J4EU	4,576	46	20	32					
Czech Republic				United States				Costa Rica				Costa Rica				Costa Rica																		
*OK1LR	115,540	421	47	171	District 1				Costa Rica				Costa Rica				Costa Rica																	
*OK1DWH	114,063	514	37	160	District 2				Costa Rica				Costa Rica				Costa Rica																	
*OK9RZK	4,459	85	12	37	District 3				Costa Rica				Costa Rica				Costa Rica																	
*OK2SDE	3,456	58	13	35	District 4				Costa Rica				Costa Rica				Costa Rica																	
*OK1HBP	702	34	6	21	District 5				Costa Rica				Costa Rica				Costa Rica																	
Denmark				Canada				Costa Rica				Costa Rica				Costa Rica																		
OZ7PBI	7,700	104	19	51	District 6				Costa Rica				Costa Rica				Costa Rica																	
OZ7ZMC	30	9	4	6	District 7				Costa Rica				Costa Rica				Costa Rica																	
England				Costa Rica				Costa Rica				Costa Rica				Costa Rica																		
*M6K1C	19,902	183	25	82	District 8				Costa Rica				Costa Rica				Costa Rica																	
*M0LDP	13,175	147	17	68	District 9				Costa Rica				Costa Rica				Costa Rica																	
*M6VGL	11,322	138	17	57	District 10				Costa Rica				Costa Rica				Costa Rica																	
*M6VXX	6,545	109	12	43	District 11				Costa Rica				Costa Rica				Costa Rica																	
*2E0IHP	5,429	84	15	46	District 12				Costa Rica				Costa Rica				Costa Rica																	
*M6VTTU	4,098	65	12	33	District 13				Costa Rica				Costa Rica				Costa Rica																	
*2E0LGP	3,168	54	12	36	District 14				Costa Rica				Costa Rica				Costa Rica																	
*M0VWMS	1,792	48	8	24	District 15				Costa Rica				Costa Rica				Costa Rica																	
*2E0S0B	1,089	33	9	24	District 16				Costa Rica				Costa Rica				Costa Rica																	
*M0IAX	897	25	9	14	District 17				Costa Rica				Costa Rica				Costa Rica																	
*M0IAX	182	11	4	10	District 18				Costa Rica				Costa Rica				Costa Rica																	
*M6B0Z	432	27	6	18	District 19				Costa Rica				Costa Rica				Costa Rica																	
*M6VUK	45	5	4	5	District 20				Costa Rica				Costa Rica				Costa Rica																	
Estonia				Costa Rica				Costa Rica				Costa Rica				Costa Rica																		
*ES1TAR	4,536	61	16	40	District 21				Costa Rica				Costa Rica				Costa Rica																	
European Russia				Costa Rica				Costa Rica				Costa Rica				Costa Rica																		
District 1				Costa Rica				Costa Rica				Costa Rica				Costa Rica																		
*R1ZM	22,100	270	14	54	District 22				Costa Rica				Costa Rica				Costa Rica																	
*R1CAV	12,416	169	15	49	District 23				Costa Rica				Costa Rica				Costa Rica																	
District 3				Costa Rica				Costa Rica				Costa Rica				Costa Rica																		
*R2ARR	146,965	399	57	164	District 24				Costa Rica				Costa Rica				Costa Rica																	
District 6				Costa Rica				Costa Rica				Costa Rica				Costa Rica																		
*R6KVA	104,580	339	54	156	District 25				Costa Rica				Costa Rica				Costa Rica																	
*R6VY	138	26	1	5	District 26				Costa Rica				Costa Rica				Costa Rica																	
*UB6RNB	320	27	5	15	District 27				Costa Rica				Costa Rica				Costa Rica																	
Finland				Costa Rica				Costa Rica				Costa Rica				Costa Rica																		
*OH6UJ	58,608	292	41	107	District 28				Costa Rica				Costa Rica				Costa Rica																	
*OH6JAV	580	21	8	12	District 29				Costa Rica				Costa Rica				Costa Rica																	
*OH2BAV	480	20	7	13	District 30				Costa Rica				Costa Rica				Costa Rica																	
France				Costa Rica				Costa Rica				Costa Rica				Costa Rica																		
*F4HXC	17,622	137	25	74	District 31				Costa Rica				Costa Rica				Costa Rica																	
*F4HQ0	5,564	45	23	29	District 32				Costa Rica				Costa Rica				Costa Rica																	
Germany				Costa Rica				Costa Rica				Costa Rica				Costa Rica																		
DK2MX	224,316	548	65	203	District 33				Costa Rica				Costa Rica																					

OUR READERS SAY...

The Most Wanted CountriesÉ

Editor, CQ:

Excellent informative article (February DX column, **The Most-Wanted Countries É and Why Q.** Thanks!

Of the 4 DXCC entities I need, I had a good idea of what needs to happen for me to have a chance to work three of them Ñ North Korea, Bouvet Island, and Mount Athos. But until I read your article I had not been able to find out much about Pratas Island.

Ð73, Marsh, KA5M

The following letter was directed to author Ted Cohen, N4XX:

Hi Ted,

Just received our January CQ magazine and read your article, **A Coaxial Inverted-L Antenna for Top Band Revisited**, and enjoyed it very much. This looks like it could be the answer to a prayer!

I have an inverted L hanging off a 56-foot tower at the 50-foot level. Given the much shorter vertical leg, we have a much lower feedpoint impedance. So I use a 1:2 transformer to match it. It seems to work very well, but I'm only seeing about 55 kHz of usable bandwidth. Your coaxial antenna looks like it could be just what I'm looking for! It looks very straightforward, except I have one question (which results from my lack of mechanical skills). Where you solder the shield and inner conductor together, is there a method to do this without cutting the coax in two pieces and then soldering them back together again? My concern is that I might make something mechanically unreliable. HELP! :-)

Thanks in advance for any help.

Ð73, Bob Schreibermaier, K3PH

N4XX replies:

Hi, Bob!

How kind of you to write. And yes, it's the answer to a prayer! This is a killer antenna, to be sure. I couldn't believe the difference it made in my operations, from the very first second I hooked the coax connector to my transceiver. Signals just boomed in! And on the transmit side, well ... you read the article.

What I did at the upper end was to slit and open the outer insulation a bit, spread the outer shield, scrape open the tubular insulating layer around the inner conductor, and wrap some copper wire around both the inner conductor and the outer shield. (Bending the cable will allow you to work the copper wire under the inner conductor.) Then, I put some solder flux on the inner conductor, outer shield, and copper wire and let solder flow over the connection using a solder gun (or you could use a big iron). This effectively shorted the coax at that point without breaking the cable open.

I hope this helps.

Ð73 and DX, Ted

The ÒinvigoratingÓ outdoors at VY0ERC. Can you spell COLD?

*UR4WWR	2,660	73	5	30	LVIFF	290,173	737	60	109	HA3MM, HA3NU, HA5KY, HA7ME, HA7NK, HB9CIP, HFSL, HG170VA, HG3FMZ, HK4L, IK2NMM, IK2SAU, IK5ZUK, IK8NBE, IN3XUJ, IO3A, IO3T, IQ9CML, IT9G5F, IT9YHR, IU2BHI, IU2CVS, IV3ARJ, IV3ZCS, IZ2DII, IZ3GNG, IZ5NFD, IZ8IFL, JA1RF, JAK2VD, JA3AVO, JA5EUV, JA8AZN, JA8FM, JE1AYU, JE6JZP, JG3GOM, JH0NE, JH1LEM, JH1SAJ, JH4FF, JH8SGR, JJ3MJK, JJ1SWI, JK1PIU, JP7CFF, JR7RZK, JT1CS, K1SX, K2MRH, K3NK, K4ZO, K5ML, K5PS, K5TBA, K6DAJ, K6DIT, K6TET, K7DPS, K9JVP, K9DR, KA6KEN, KB0WMO, KC0FOT, KC1BQ, KC1CJ, KC2FQ, KC9LV, KD6VY, KD7F, KE2A, KF5RUW, KG5KRZ, KI7DG, KJ6PON, KK4ADQ, KK4RXC, KL7KK, KT2JU, KX2A, KZ5J, LC2C, LU1DZ, LU3EBT, LY1CT, LY2CO, LY3G, LY3XN, LZ1JZ, LZ1MS, M0CLH, M0IPU, M0KNG, M0LDW, M0MGO, M0YRX, M1BCT, M3I, M5ADL, M6LXF, M6OPU, MWOIDX, MW0YU, MW9R, N1IA, N3UA, N5XE, N6CW, N6NDU, N6WT, N8AMI, N8OO, N8ROY, N8ZVT, N9JFO, N05M, NS3X, NT4K, NV5E, OE100FTE, OE2LCO, OE3HW, OE4RCG, OE4XLC, OE5CYL, OE5FZO, OE8TTR, OH1ZK, OH2BLV, OH2IS, OH2XX, OH6CT, OH6IO, OH6UBC, OH7MFO, OK1DWG, OK1TK, OK1TA, OK1YM, OK2BZ, OK2EQ, OK2PAY, OK4FF, OKGTT, OM2XW, OM5CD, OM7OM, ON3HAT, ON5XX, ON8WV, OQ4O, OQ9O, OS8D, PADFYH, PA0LUX, PA0PIW, PA0LY, PA0WBP, PA1FNW, PA2S, PA3C, PA3HE, PA4WG, PA7JWC, PD0FW, PD0HF, PD4JUF, PH9E, PI4CC, PP6ZZ, PY2DV, R0GM, R1CU, R2AA, R2DR, R2SA, R3AT, R3FA, R4HM, R4SA, R5YV, R7RC, RA0R, RA1AL, RA3DNC, RA3RLJ, RA3WOK, RA4AAT, RA4FUN, RA4PLC, RA4UK, RA4UVK, RA9CIN, RA9MX, RC3W, RC7KY, RK3MXT, RK7A, RM0F, RM2A, RN0CT, RN6LG, RO4I, RO7R, RT3W, RU9CY, RV6LT, RW0AR, RW3DK, RW3RN, RW9HSB, RX3DPK, RX3DIT, RX3I, RY9C, RZ1OA, RZ4Z, S51AD, S5ZAW, S5ZOU, S5ZF, S5ZGP, S5ZK, S5ZF, S5GM, S58Q, S59A, S7WTT, SM3GSK, SM6MSG, SM7JUN, SO9PC, SP2EJQ, SP2MKT, SP3J, SP3JQZ, SP3QFZ, SP4W, SP4YP, SP5EQ, SP5DQ, SP5NZZ, SP6AB, SP6BP, SP6EF, SP6HQ, SP6OWY, SP7CDH, SP7ICE, SP7LIE, SP8NTH, SP9MDY, SP9PFD, SQ3RX, SQ4HRN, SQ4NR, SQ5TA, SQ8JMC, SQ8LUU, SQ8RPS, SQ9FK, SQ9MZ, SQ9NFC, SV1GRB, SV1JMG, SV1MO, SV1RHL, SV1RRP, SV8DKSU, SV9DUJ, T7TC, T7FD, T7F3G, T7F3G, UA1CEI, UA3GAF, UA4AAC, UA6ACA, UA6CT, UA6JG, UA9CEP, UB3DLM, UNGG, UN8PT, UP2F, UR4LTX, UR5UZ, UR5WA, UR5WCW, UR7LY, UR8OV, UR9WL, UR3EW, UR5VX, UT3UCP, UT5EO, UT5EV, UT5IA, UT5PY, UT5UHX, UT7E, UT7EV, UT7IS, UT7LW, UT7LX, UX1LW, UX5UO, UX7U, UX7VA, V42EI, V43AMX, V43OB, VE3ISO, VE3XSH, VK2BJ, VK2IG, VK2JON, VU2KJW, VU3BUN, VU3XNI, W0TK, W0ZAP, W1AJ, W2MRD, W3BNN, W3QT, W3SA, W3TJW, W4RO, W6MZ, W6YA, W75MW, W8OL, W9KG, WA6LBU, WA7URJ, WB2RIS, WC0EM, WD4EGF, WD5DBV, XU7AKL, YB3MM, YK2TO, YL2WV, YQ2SH, YQ3PR, YQ6CFB, YQ6GS, YQ6SR, YQ6SSO, YQ8DGN, YQ9TUN, YB0MB, YTI1Q, YU1UO, YU1XX, YU70EY, YU7PEP, YYSYAM, Z35F, Z3B, ZL1ANH, Z0XK																																																																																																																																																																																																																																																																																																																
*UR6M	135	5	4	5	AY8A	3,384	74	8	10	15,300	112	29	41	Aruba	5,539,345	3848	121	384	4,464,437	4155	103	270	6	1	1	1	93,912	478	18	68	14,964	111	32	55	8,288	140	10	18	4,824	69	16	18	2,695	86	14	21	1,740	34	13	16	702	17	12	15	475	18	9	10	21	13	9	12	8,360	81	32	44	2,176	43	16	18	126	8	7	7	35,389	348	15	28	6,318	104	16	23	208	8	6	7	46,752	413	17	31	5,940	127	11	22	5,390	123	8	14	2,968	70	11	17	1,474	60	10	12	631,475	1572	42	103	158,060	420	42	98	479,755	892	78	151	1,269	37	13	14	575	16	10	13	3V8SS, 4M8E, 4Z5ML, 5B4AAB, 5B4ALS, 9A10MC, 9A2R, 9A3GV, 9A6TT, 9A9W, 9K2K, A45XR, A61ET, A67EA, A6ASF, AC2OC, AC9JU, AC9LF, AC9PR, AD0PE, AF0Z, AIGEG, AL4Y, BD3ND, BD7OB, BG2TAA, BG3FB, BG4VRG, BG9HKP, BH3CKQ, CM2MM, C08RC, CX2BR, CX3BZ, DC0HD, DC1GUN, DD0NM, DD1UN, DP2SD, DF8TY, DF9XI, DG3MR, DG80BN, DH0MB, DK1TBL, DK3PM, DK4JA, DK8NC, DL1BFR, DL1EAL, DL1EMV, DL1GZV, DL1SI, DL2DXA, DL2GPK, DL3AQJ, DL3BZ, DL3KVR, DL3LAR, DL3ZA, DL5DT, DL5JAG, DL5MK, DL6ATM, DL6GV, DL6JV, DL6MIG, DL6UD, DL7U5W, DL7VEE, DL9GCG, DL9RDV, DL9VF, DM1UL, DM1PL, DM5EL, DM7MRE, D02STS, E70EA, E71W, E7ZU, E7AO, E77D0, EA1AAA, EA1AC, EA1AF, EA1CF, EA1FD, EA2KR, EA3AA, EA4LG, EA4SE, EA5AJB, EA5AJX, EA5YI, EA5YT, EA6GP, EA8TX, EA9LZ, EC1DJ, EC7ABV, E7FA, E7FEU, EU4A, E4WRF, EY8MM, FT1TO, F4EUG, F4PFR, F4FTA, F4WCE, F6ARC, F6BVG, F6GEU, F6G0E, F6HSZ, G1OSI, G4BEE, G5W, G6OKU, G7WIR, G10MTX, GM3MZ, G8VL, GU4EON, GW48KG, GW4J, HA1DAE, HA2MM, HA3PUT,																																																																																																																																																																																											
*UT2AB	117	5	4	5	*LUGEOV	15,300	112	29	41	*LUIEXR	13,206	95	22	40	*LUIEHR	10,011	85	33	38	*LUIEHU	7,261	89	22	31	Wales	211,600	704	48	182	*MW8R	211,600	704	48	182	*MW2I	40,400	262	20	60	*MW6M	11,036	114	20	69	*GW0FRE	1,200	41	7	17	*GW7APP	3,840	77	9	31	OCEANIA					Australia	12,121	149	15	16	*VK2GR	12,121	149	15	16	*VK6RT	13,805	115	18	37	*VK7MS	1,120	22	10	17	*VK7DW	400	18	8	8	*VK3UKW	396	19	12	10	East Malaysia	60,786	361	27	39	*9M6GHO	60,786	361	27	39	*9W8DEN	8,928	165	16	20	Indonesia	22,236	142	19	49	YB0MWM	18,326	107	28	49	YB4NY	1,755	32	12	15	YB3FTD	1,755	32	12	15	YB3FD	1,755	32	12	15	YB3GEE	1,755	32	12	15	YB3G00	1,475	43	10	15	YB3DFB	1,053	29	12	15	YB3NHW	210	37	6	9	YB2VMC	42	9	3	4	YB3CYT	24	4	3	3	*YD3BGM	6,120	99	16	29	*YB1LJL	5,002	78	14	27	*YB1EJL	3,740	48	14	20	*YB3CMS	2,550	63	15	19	*YD4JOY	1,988	40	11	17	*YD1SGB	1,092	59	9	12	*YB3BOS	360	32	7	11	*YD8CPZ	360	21	8	10	*YF3BUP	325	22	5	8	*YF3CVS	224	10	8	8	*YF3TEN	165	9	7	8	*YD7MHZ	77	5	3	4	*YF3YPD	27	15	1	2	*YF3CYU	2	1	1	1	*Y02YEN	0	1	1	1	New Zealand	23,885	133	35	50	ZL2X	23,885	133	35	50	*ZL4CTS	924	18	9	12	Philippines	199,383	661	47	76	DU1VT	199,383	661	47	76	DU1R	93,444	461	25	53	4F3FSK	1,239	42	8	13	*4E1A	351,400	761	68	107	*DV1UJU	2,548	41	12	16	*DV1VHY	567	16	9	12	*DW7P90	285	76	5	10	*DU7OK	1,378	40	14	18	*DW3TRZ	216	19	5	7	SOUTH AMERICA					Argentina	601,776	1992	21	87	LU5VV	601,776	1992	21	87