

Number groups after call signs denote the following: Band, Final Score, QSOs, Zones, Countries, States/Provinces. An asterisk (*) indicates low power. Certificate winners are listed in boldface. Late logs are listed in italics.

2019 CQWW DX RTTY RESULTS

SINGLE OPERATOR NORTH AMERICA

United States, District 1									
K5ZD	A	992,628	1356	61	159	131			
WA3HIP		39,360	213	25	48	50			
K1SND		38,544	229	29	45	58			
*N1IXF	A	705,348	1098	54	138	119			
*NE1D		241,837	504	49	111	97			
*AE1P		159,570	433	35	73	89			
*W1ARY		95,749	288	36	79	66			
*W1DYV		54,165	203	33	61	63			
*KG1V		37,872	145	33	63	48			
*K8TLRL		33,813	147	23	55	39			
*K0TSA		164,363	25	43	68				
*K3C1ERO		30,240	127	25	54	33			
*K1VW		26,536	160	23	44	40			
*N1RDN		19,200	109	24	42	30			
*KX1X		10,270	77	20	31	28			
*K3SSS		4,503	58	15	18	24			

*W04E		3,944	40	18	19	31			
*K1LHO		3,660	63	17	14	30			
*K1CGZ		3,350	39	15	19	16			
*K04W		2,091	49	8	6	27			
*AB1J	1A	64,400	292	17	56	39			
K6D7T/1	AA	1,400,100	1542	70	200	120			
K81W		435,768	884	46	116	109			
W1DX		336,429	610	50	122	89			

(OP: W1AN)									
WA1Z		166,222	352	47	103	67			
K8W1DX		139,722	361	37	86	51			
N1MD		107,445	309	32	78	35			
NV1Q		34,444	155	27	53	29			
W1CTN		14,400	104	21	29	25			
K1SOC		12,500	98	25	26	49			

(OP: W1CTN)									
WW4LL	14A	408,558	1171	25	82	42			
K1SSM		28,981	176	13	14	30			
W1VDE		26,598	186	9	31	22			
NN9DD	7A	161,536	687	19	62	47			
N1MGO	3.5A	187	12	5	5	7			
*KS1J	AA	351,833	645	49	122	86			
*N1API		150,897	396	32	87	60			
*K2KON		132,854	355	35	88	58			
*AE1E		120,801	388	40	84	77			
*K1ECU		66,528	250	36	72	78			
*K7RB		60,417	242	28	56	63			
*W1GD		56,446	142	42	89	38			
*W1FSH		6,615	54	17	23	23			
*K1JSM	14A	50,467	278	18	55	36			

District 2									
K2REX	A	197,738	580	41	89	101			
K2ZXA		129,285	304	44	87	64			
NN2NN		95,228	351	33	64	82			
K4RLM		68,970	255	34	55	76			
W2LE		61,854	221	24	57	41			
K4ZAEY		13,908	118	16	29	31			
N2YB	14	70,118	306	18	61	32			
*WB2NFI	A	115,248	331	38	80	78			
*W2JV		72,560	300	21	57	42			
*WB2COY		73,372	276	32	59	75			
*KC2WUF		58,212	213	35	65	63			
*W2FDJ		56,248	218	37	57	64			
*N2MHM		55,211	271	23	45	69			
*AC2OC		46,893	205	33	49	65			
*NS2N		37,639	167	32	45	56			
*W2DKE		36,494	171	31	47	64			
*K2LSL		24,084	155	21	31	56			
*N2MUN		22,320	121	21	42	30			
*AK2S		20,160	124	16	34	34			
*N2CU		19,800	103	21	42	36			
*ND2K		14,790	110	19	27	41			
*KE2D		7,735	61	19	26	20			
*KAZWIK		5,772	74	18	15	41			
*K0D0VW		3,404	50	11	11	24			
*WA2DAU		648	17	9	12	9			
*KS2G	14	10,850	109	12	25	25			
*W2VTV	7	23,630	199	14	32	39			
N2ZW	AA	226,269	464	55	115	109			
K2NV		203,232	490	45	92	95			
W2YK		81,675	216	40	92	33			
AA2GF		77,695	298	42	87	76			
WA3AFS		75,516	243	42	75	69			
K2PAL		268,291	529	61	141	56			
N2CG		8,763	50	25	41	3			
N8EE		725	16	9	9	7			
WB2NVR	14A	36,375	193	13	51	33			
*NY6DX	AA	235,711	652	42	90	91			
*K2AL		72,933	265	27	57	77			
*K2TWI		67,482	209	24	69	45			
*W2T7		22,464	111	27	43	34			
*K2SI		21,008	125	22	31	48			
*KB2URI		12,684	88	20	32	32			
*K1NY		5,670	48	18	27	18			

District 3									
W3RGA	A	383,625	859	52	108	119			
KE3GK		177,410	449	41	95	90			
K3UL		143,428	412	51	96	96			
K1BZ		112,831	315	42	85	80			
N3X		81,269	323	35	64	82			
N3DLE		79,119	293	31	56	90			
W8LYJ		54,257	243	32	60	69			
KW3A		50,325	201	38	60	67			
K3QIA		40,320	173	27	52	47			
K64USN		16,262	106	21	35	38			
K3OK		16,074	113	21	33	40			
A01WB	14	58,140	452	18	51	46			
(OP: AJ38)									
A1Q		30,310	159	13	46	11			
N3M0W		3,036	48	12	15	17			
*KB3AAY	A	202,356	495	45	88	98			
*AJ3C		116,372	385	34	70	84			
*K3JRT		96,048	334	36	67	81			
*WA3ZSC		81,550	325	32	52	91			
*K3MD		45,903	201	28	48	67			
*K3K5		26,568	151	24	36	48			
*K3JNW		26,550	193	32	46	12			
*N3CHX		22,646	143	39	42	53			
*NG3Y		18,810	134	25	30	44			
*KE3ZT		18,531	127	17	38	32			
*W3BUI		14,194	101	22	27	45			

*WA3AAN	*	12,720	86	20	29	31			
*N3VCP	*	8,208	84	17	29	26			
*K3MIO	*	6,786	55	25	30	23			
*WA3FAE	*	5,488	47	15	17	14			
*W3F3A	*	4,725	63	14	19	30			
*W3UL	*	4,118	54	15	14	29			
*KA3FZN	*	3,825	35	17	22	12			
*N8HM	*	361	10	7	7	5			
*K3GH	21	3,444	57	13	17	11			
*K3LEB	14	9,180	99	11	29	22			
*KX2S	*	4,048	49	8	17	21			
*K3LIT	*	1,749	27	11	15	7			
*K3BLIX	7	5,076	61	10	16	28			
AA3B	AA	2,578,576	2467	90	261	188			
N3QE		1,372,820	1762	68	177	120			
W3FZ		984,192	1381	62	170	170			
W3VF		800,020	1149	60	148	132			
K3MM		662,998	932	73	175	158			
K3PP		599,104	804	69	165	118			
NA3M		383,551	530	63	159	127			
K3MD		211,560	625	34	85	96			
NN3RP		130,296	443	29	66	88			
KD3TB		108,592	352	31	67	78			
W3MF		100,800	264	37	82	41			
NAZR		80,272	241	32	74	67			
AA3CS		51,342	181	31	62	48			
K3TN		19,448	107	25	40	39			
N3FJP		12,792	106	17	23	42			
KB3Z		8,505	77	18	23	40			
W3OU		2,077	25	9	18	4			
W3GVX	14A	8,996	101	14	18	20			
*W3KB	AA	279,300	543	56	120	109			
*N3VB		233,230	496	56	113	112			
*KNSA		15,010	101	23	36	36			

District 4						
AG4W	A	678,506	1221	62	132	152
K4ADR		374,227	953	46	90	124
W4PK		307,720	743	41	86	118
AG4KM		296,438	818	45	79	145
AC8Y		246,829	573	38	89	82
A4WVW		236,829	571	50	99	118
K7OM/4		196,750	544	45	80	125
W3IK		134,976	404	48	74	106
W4OX		94,430	293	38	77	75
AD4TJ		81,337	281	34	56	73
W3SA		73,548	276	33	54	75
W3TB		71,435	294	31	53	73
NN4NT		67,115	239	32	57	66
K0BY		66,598	243	21	61	60
K64CUY		59,494	250	32	55	64
W4BCG		59,006	277	31	46	86
NOSMX		55,432	218	38	60	66
N4CF		53,066	211	39	56	74
WB4DYD		52,480	199	41	55	64
K2PS		40,610	225	29	48	54
WF4W		32,128	151	28	39	61
KC4SAW		30,684	144	21	53	32
K4MI		30,460	184	26	31	70
N3KN		22,070	149	26	33	53
W4BZ		27,060	132	25	43	42
B4QZH		25,544	162	24	32	47
NR4C		20,223	122	22	34	51
K4CV		15,624	100	20	35	29
WR4JW		15,228	111	20	26	48
NN4SS		11,040	65	21	38	10
W5XB		3,004	43	17	20	16
K3LH		3,168	50	15	13	12
W4UK	28	5,124	76	10	13	19
K3KG	21	32,088	228	17	37	30
W4UK	14	627	22	8	7	4

*KF7R	*	4,606	77	10	10	29
K6LL	AA	1,147,450	1713	85	158	190
K07SS	*	786,044	1144	80	152	187
W7ZR	*	592,865	955	78	131	151
K7UJ	*	465,567	1101	57	89	165
N7NM	*	282,880	725	55	81	124
NG7M	*	210,056	591	52	78	118
K7RL	*	200,100	597	48	63	119
V7VXS	*	155,230	655	32	47	111
NG7E	*	150,912	536	38	44	110
K0IP	*	129,626	493	43	68	86
N9NIA	*	125,944	504	38	40	89
K7VIT	*	99,034	377	43	45	81
V7GES	*	93,744	347	43	53	77
K7AR	*	59,466	227	39	50	70
V7CXX	*	58,384	248	40	43	95
K8Z4	*	39,325	157	39	51	53
K2RD	*	32,482	138	42	53	54
W7CT	*	31,623	222	19	27	37
V7GYM	*	29,590	177	23	24	63
K7TG	*	26,208	199	23	27	62
W7BP	*	24,453	154	29	34	54
W7CO	*	14,268	134	21	19	47
WS7L	*	9,796	98	20	21	38
KG7QXE	*	7,416	77	19	17	36
W9PL	*	4,508	44	17	20	9
W7SL5	*	3,300	54	11	11	30
N6SS	28A	2,604	39	10	12	6
N7BV	14A	60,907	352	20	45	48
K7WP	7A	74,880	403	25	43	52
N7AT	*	54,648	382	19	32	48
(OP: K8IA)						
*AK6A	AA	123,948	398	42	51	105
*W7OM	*	84,309	357	42	46	91
*W7ZIF	*	56,252	301	28	37	57
*K7GS	*	49,657	248	28	44	55
*W7WSV	*	49,113	212	34	43	76
*K07PCE	*	37,672	197	37	38	61
*KNTK	*	20,758	182	23	21	53
*K7VAP	*	16,684	143	21	24	41
*W0WVWW	*	10,868	100	19	18	39
*ACTJM	*	9,680	97	20	19	41
*W7YAZ	*	7,594	70	15	16	36
*N1JM	*	3,105	45	14	13	18
*N7CPM	*	266	13	8	15	
*NMZ	28A	18	6	1	1	1
*K7XC	14A	17,286	145	17	27	42
*K87HDX	*	1,032	21	10	8	6
District 8						
K8RCT	A	117,200	393	34	66	96
K8AS	A	92,035	311	35	61	77
K8BZ	*	74,148	318	27	44	96
K8MM	*	44,640	237	17	39	40
K8BVAO	*	44,064	158	34	60	50
W8BY	*	39,767	188	30	55	48
K8TO	*	8,446	85	20	23	39
W8TOM	7	27,927	257	17	23	47
KG9Z	*	15,247	104	27	24	44
*K3DMG	A	143,902	420	38	81	92
*N8CWU	*	140,030	455	39	69	101
*ND3N	*	48,600	296	22	25	88
*N8TCP	*	40,365	219	21	37	59
*W8BJU	*	37,520	210	29	33	78
*K8SIA	*	33,670	177	27	43	60
*W8BJAY	*	26,796	144	26	36	51
*A8GV	*	16,781	124	24	32	
*K3YP	*	13,104	96	20	29	35
*W5UHO	*	9,373	96	19	23	49
*N8WCP	*	7,488	69	16	26	30
*K8ALM	*	750	19	7	12	
*KE8LUE	*	312	24	4	3	17
*N8FM	14	644	16	8	8	7
*W8WTS	3.5	360	15	5	9	9
N8BJU	AA	609,224	914	62	147	135
K8AG	*	74,700	242	32	68	66
K8PK	*	18,693	115	28	38	27
K8ESQ	*	15,810	101	20	32	33
W8BI	*	14,596	138	18	16	55
(OP: K8BUEV)						
W8JWN	14A	682	17	7	9	6
*K8NM	AA	48,032	204	34	53	65
*A8SW	*	33,413	231	34	41	75
*K0ACP	*	34,945	205	29	36	80
*N4EL	*	34,902	204	26	34	66
*K8GT	*	15,246	120	20	29	50
*N8VV	*	10,295	66	20	33	18
*K8BVMM	14A	364	10	5	8	0
*W8EH	7A	221	14	3	3	11
District 9						
W9IWI	A	394,584	989	42	78	125
K9IUS	*	102,480	347	36	64	83
AC9KW	*	101,579	388	23	47	87
ND9Z	*	70,224	287	29	49	76
K29XD	*	29,532	171	24	41	42
K9Z0	*	19,100	130	22	26	52
K9N	*	9,580	99	20	32	30
K9GWS	*	10,902	101	18	22	39
K9N	*	10,368	113	17	14	50
N9NC	*	2,478	37	11	12	19
N9LD	*	154	7	5	4	5
*K9MS	A	248,600	593	53	103	119
*K9CV	*	135,876	396	36	65	100
*W9D9IR	*	95,352	391	30	49	95
*N9LYE	*	77,328	324	37	47	95
*K0BZ	*	75,557	324	31	51	87
*K9W9U	*	75,516	319	34	50	90
*A9Y9J	*	70,493	366	26	28	103
*W89HFK	*	45,360	257	26	35	74
*N9LF	*	41,538	245	26	27	85
*W89DAR	*	35,723	257	24	34	81
*N9WG	*	34,425	190	28	38	67
*K9DVC	*	31,980	192	28	35	67
*W88ZK	*	30,607	196	25	28	74
*W9QA	*	18,326	152	18	20	60
*K9BS	*	7,560	104	10	11	39
*K9JQ	*	5,538	61	22	17	39
*K9YL	*	4,346	65	13	11	29
*K9UA	*	2,793	57	11	9	29
*N9TR	*	2,548	46	11	8	30
*K9V	*	192	10	6	8	7
*W9BGX	14	5,555	74	11	14	30
(OP: W9ALZK)						
*K9EOD	*	2,415	40	10	13	12
*W9GT	*	1,104	28	7	6	10
*N9YLZ	*	1,014	23	9	11	6
*W9LU	7	14,616	150	13	18	41
*W9SAK	*	152	8	7	8	42
N9G	AA	644,988	1056	67	130	157
K9OM	*	509,406	871	62	133	157
K9L	*	379,472	754	58	116	122
N2BJ	*	270,710	733	44	77	132

N9NW	*	251,930	434	65	125	115
N9OK	*	186,760	659	42	64	126
AC9S	*	179,564	438	38	72	102
W9TJU	*	159,216	435	31	65	90
N9LQ	*	118,085	380	41	59	109
A9JC	*	114,410	335	38	76	56
K9PY	*	86,304	316	38	63	85
K9C9	*	70,590	218	46	69	66
W9YK	*	35,306	209	25	30	72
N9SI	*	16,692	109	15	31	32
W9RN	*	17,550	17	8	12	5
W9LY	14A	208,172	596	26	85	53
W9PA	7A	42,660	253	18	43	47
*A9AL	AA	89,570	343	32	62	75
*N9UA	*	56,160	236	29	45	70
*K8OWD	*	34,596	215	21	29	74
*N9VPV	*	33,660	173	26	38	68
*W9SLE	*	33,306	207	23	26	73
*K9XB	*	26,378	150	25	39	57
*N9SB	*	24,307	155	26	28	55
*N9AKR	*	18,404	88	20	51	15
*W9IVH	*	17,928	127	23	29	56
*NR9K	*	17,484	120	21	29	43
*K9ZTO	*	8,732	100	14	13	47
*K9GY	*	4,745	51	18	20	27
*K9PB	*	40	3	2	3	0
*A9YC	7A	23,068	244	12	17	50
District 10						
W8BC/Ø	A	599,625	1044	62	124	139
K0JJJ	*	251,500	611	44	85	121
K0AD	*	184,179	693	39	54	126
W8ON	*	105,468	356	40	63	101
N0KQ	*	86,768	377	41	49	97
W8GS	*	72,598	343	39	42	78
K0DZV	*	66,983	312	32	44	87
K0TC	*	49,200	259	27	29	94
KIØI	*	32,125	185	32	36	57
WØVM	*	26,355	147	22	35	48
NØBU	*	14,820	141	18	18	59
NØLF	*	11,322	125	24	26	52
KØSRL	7	3,528	66	7	6	29
WØPC	*	2,304	49	7	7	22
NØOK	3.5	7,000	121	8	9	33
*AØAW	A	142,480	436	43	66	99
*KØFX	*	121,458	450	40	65	81
*KØZNI	*	86,730	337	35	55	87
*AØEE	*	80,703	327	38	43	108
*WØLJM	*	52,920	259	32	42	73
*NØMT	*	50,694	277	28	39	75
*NØOM	*	42,028	238	25	30	78
*NØTU	*	32,896	189	28	30	70
*WØLIF	*	31,339	195	26	32	63
*WØDC	*	25,289	129	26	38	57
*WØTUP	*	24,089	176	16	25	68
*WØBSW	*	19,635	131	28	34	57
*WØTU	*	19,436	143	23	23	67
*KØDY	*	15,184	131	17	23	33
*NØRS	*	12,528	94	23	26	49
*NØGOS	*	10,570	130	13	10	47
*KØKDX	*	8,690	127	14	12	53
*KØBHP	*	8,239	85	19	22	36
*WØLHG	*	5,562	89	13	12	29
*WØZF	*	3,172	62	12	10	30
*KØBR	*	3,024	53	12	10	26
*WØOTXJ	*	2,000	49	6	6	28
*NØJU	*	1,845	48	9	6	26
*KØDWUQ	*	1,739	43	10	7	20
*NØKK	*	1,564	41	6	5	23
*WØBOAF	*	1,564	41	7	5	7
*KØCV	*	18	3	2	1	3
*WØPI	14	9,849	97	14	27	26
*AØDM	*	4,002	63	10	11	25
*KØDST	*	3,105	39	5	15	16
NØAJ	AA	322,056	761	48	96	140
ACØC	*	258,408	634	54	108	134
WØMB	*	250,920	689	49	88	109
NØXI	*	240,081	822	40	64	133
WØRY	*	160,475	450	45	74	126
KØYR	*	101,462	345	37	66	91
KØDSW	*	92,017	521	24	30	113
NØUD	*	66,352	257	38	56	82
KØPC	*	32,896	183	27	38	63
WØAJ	*	31,360	189	29	41	58
NØJEN	*	23,270	121	35	34	61
WØBOW	*	17,199	100	20	35	36
KØAP	*	16,704	100	17	35	26
KØSZ	*	7,345	73	18	19	28
WØCP	*	424	21	8	6	20
KØFO	14A	27,468	201	18	35	31
KØSQA	*	10,012	114	13	13	27
KØ5A	*	6,372	70	15	20	19
KØWPM	*	2,691	58	7	6	26
(OP: ACØE)						
WØGJ	7A	112,005	686	23	54	54
*WØBJ	AA	239,652	646	50	78	124
*KØRC	*	184,260	467	49	94	106
*KØH2	*	120,224	388	39	76	63
*WØKZ	*	90,710	397	39	64	110
*WØJM	*	38,528	183	33	48	47
*ACØE	*	10,414	108	18	17	47
*K4IU	*	10,152	106	18	19	35
*KTZW	*	5,915	74	16	15	34
*AØYY	*	961	28	10	10	11
*WØMHJ	*	868	16	12	13	6
*NØM	*	19	3	6	3	12
*KØOR	*	200	12	7	5	8
Alaska						
KL7SB	AA	374,680	858	45	70	75
KL7JVD	*	5,676	63	11	11	22
Barbados						
*8P2K	7	58,656	263	13	44	39
Belize						
*V31MA	3.5	34,279	192	13	34	36
Canada						
District 1						
*V1X1H	A	189,050	428	30	84	69
*VE1RM	*	76,050	229	29	65	56
VY1AAJ	14A	1,568	52	2	2	12
VY2V5A	3.5	117,974	419	18	60	44
(OP: WSJ)						
*V01CH	AA	56,950	180	29	74	31
*V02AC	*	43,335	183	22	42	43
*VE1OP	*	3,619	35	16	17	14
District 2						
VZ2GSO	A	478,077	930	36	83	100
VA2FO	*	75,190	266	27	60	59
VZ2BVV	A	246,962	545	29	77	88

*BGSBRT	*	663	21	8	9	0
*BA3MM	14	51,724	333	17	45	5
*BD70XR	153	12,948	153	14	21	4
*BGBPM	7	216	7	6	6	0
*BGSBA	AA	4,200	88	20	21	1
*BHAOUF	14A	2,987	52	11	18	0
Cyprus						
*5B4WN	A	15,963	113	10	41	0
P33W	AA	4,510,000	3196	100	31	81
(OP: LZ2HM)						
*5B4AIF	AA	59,897	247	21	68	0
(OP: 5B4AIE)						
Hong Kong						
*VR2VIY	A	30,429	218	24	38	1
India						
VU2ZYK	A	245,280	567	36	124	0
VU2YQ	14	16,350	126	12	38	0
*VU2EJO	A	2,415	32	11	24	0
*VU2KJW	14	748	21	7	10	0
VU2DED	AA	129,150	324	46	104	0
VU2IBI	*	74,088	232	36	89	1
*VU3ESV	AA	13,300	75	26	44	0
Israel						
*4Z5MY	14	3,672	47	5	22	0
*4Z5UN	3.5	83,214	445	12	51	6
*4Z5FI	*	9,396	100	7	29	0
Japan						
J41AYO	A	207,756	442	69	107	23
7K3BKZ	*	70,751	212	52	71	16
JR1EMO	*	55,176	190	41	68	12
JH1CTV	*	46,098	182	44	62	11
JA1OOW	*	36,480	139	33	50	12
JA1EPJ	*	34,594	135	36	53	9
JG1LHB	*	29,580	143	29	42	16
JG1CIV	*	16,830	75	32	47	6
JA1GHR	*	9,730	50	24	9	0
JA1WWO	*	6,750	49	19	18	3
JH1BIU	*	2,940	36	12	19	4
JG1TGO	*	1,534	32	12	10	4
J1C1CN	*	35	3	2	0	0
JK1HYH	14	9,690	63	19	26	12
JR1NRH	*	7,203	56	15	29	5
JL1LNR	*	5,888	49	13	24	9
JK1LUV	*	4,65	13	6	9	0
JL1JPJ	7	2,277	25	13	16	4
J51NDM	*	24	2	1	1	2
*7N2UOC	A	181,300	432	64	98	23
*JM1MTE	*	136,116	344	60	95	16
*JA1JAZ	*	57,456	177	47	73	13
*JA1SCE	*	56,608	205	45	65	12
*JG1COB	*	50,996	165	45	58	19
*JA1Z	*	143,905	143	60	13	0
*JE1RRK	*	47,908	149	38	54	16
*JS1KKY	*	26,600	115	35	50	10
*JF1WNT	*	26,214	117	41	47	14
*JA1OVD	*	22,601	89	36	47	14
*JA1PCM	*	20,928	92	37	51	8
*JA1UII	*	18,792	93	29	42	10
*JA1IE	*	13,124	110	28	30	10
*7MAJXR	*	9,261	72	26	35	4
*JA1DDZ	*	8,792	67	22	30	4
*JA3GEZ/1	*	6,912	73	18	24	6
*JF1WCK	*	5,712	66	21	26	1
*JH1IHG	*	5,152	46	20	23	3
*JA1HFP	*	4,747	63	20	22	5
*JA1OHP	*	4,224	41	20	24	0
*JN1BBO	*	3,960	49	19	22	4
*JP1BVR	*	2,376	45	15	16	1
*JH1WOY	*	432	11	7	9	2
*JF1OYA	28	231	10	5	6	0
*JG1UKV	21	5,032	56	12	22	0
*JA1DBG	*	1,848	31	11	13	0
*JF1TEU	14	20,605	139	20	32	13
*JA1QIF	*	16,260	100	18	33	9
*JA1ENZ	*	14,193	103	34	34	4
*JH1KYA	*	10,143	81	19	29	9
*JR1AOI	*	7,020	60	18	26	8
*JH1BHW	*	3,927	52	13	16	4
*JK1NSR	*	3,745	41	11	18	6
*JF1FLB	*	1,210	26	8	9	5
*JE1GBZ	*	455	21	5	8	0
*JQ1PCT	*	70	4	3	4	0
*JH1EYM	*	20	2	2	0	0
*JF1CKO	7	1,700	40	11	9	5
*JR7KVA/1	*	84	10	3	3	0
JM1XCW	AA	516,964	785	70	136	53
JH1RFM	*	177,439	341	61	108	22
JF1LMB	*	156,275	358	56	101	18
JA1WSK	*	153,822	310	57	104	25
JE1LYF	*	45,375	166	43	61	17
JR1BAS	*	14,861	69	28	35	4
JH1APK	*	1,680	22	11	13	4
JN1BMX	14A	21,080	119	23	40	5
JH1AOI	*	15,642	84	19	36	11
7K4VPV	*	15,480	112	20	35	5
JA1SVJ	7A	8,428	66	18	27	4
JM1NKT	3.5A	3,250	92	9	10	6
*JH8KYU/1	AA	404,175	622	73	148	34
*JA1BWA	*	59,211	202	31	66	15
*JA1MZM	*	16,160	102	31	36	15
*7L4IOU	*	17,548	105	41	36	15
*JL1CNY	*	12,972	91	30	34	5
*JM1CMA	14A	540	19	6	7	2
*JA1BPA	*	165	7	3	3	5

*JH2JNU	21	2,200	32	9	16	4
*JA2JNC	14	11,550	100	19	27	4
*JR2MIN	*	1,272	24	11	12	1
*JK2AQT	*	954	21	7	11	0
*JH2MYN	7	12,586	101	20	33	5
JA2HYD	AA	178,983	355	58	111	20
JH2FYK	14A	21,630	112	20	30	20
*JF2GFI	3.5A	4,464	74	13	15	8
*JE2CPI	28A	75	5	2	3	0
*JM2LHB	*	6	1	1	1	0
*JF2AJ	21A	833	17	6	11	0
*JR2MIO	14A	5,040	50	15	21	6
*JA2KCY	*	1,711	29	11	14	4
*JF2IWL	3.5A	2	1	1	1	0
District 3						
JA3HBF	A	141,600	374	53	92	15
JA3OOS	*	35,908	169	37	53	4
JR3RIY	21	12,300	97	19	31	0
JH3OFY	14	17,952	103	23	35	10
JH3FUK	7	57,680	217	28	60	15
*JA3LEB	A	34,592	173	38	48	8
*JH3GMI	*	5,635	58	20	25	4
*JG3JYE	*	4,512	57	13	19	0
*JE3CDW	*	3,783	41	17	19	3
*JH3BYX	*	1,650	64	11	14	0
*JG3EVM	*	667	16	11	11	1
*JH3SF	21	11,034	111	18	31	0
*JA3FV	*	3,762	49	17	21	0
*JA3HHR	14	612	15	8	9	0
*J12UPG/3	*	480	13	7	8	0
*J3GPP	3.5	9	1	1	1	1
JN3SAC	AA	76,310	215	45	72	13
JN3TMW	*	72,576	205	54	78	12
*JH3WKE	AA	47,916	172	46	60	15
*JA4XHF/3	*	35,970	118	39	59	12
*JF3GFH	*	3,040	34	17	19	4
District 4						
JR4CTF	A	18,525	128	29	41	5
*JH4FUF	A	11,026	68	31	38	5
*JE4VIN	*	792	14	10	12	0
*JA4RWV	*	464	12	7	6	3
*JA4JGK	14	2,088	32	12	13	3
*JA4RMX	*	1,562	29	8	14	0
*JA4UYB	AA	1,425,382	1522	93	222	56
JR4OZT	*	1,060,409	1282	84	193	45
JN4MMO	*	977,974	1122	90	194	53
*JA4VFO	*	5,406	54	19	27	5
JG4CWA	*	3,960	43	21	21	3
JH4UPT	14A	264,045	737	31	81	33
JR4VEV	7A	12,586	104	18	33	7
*JM4WUZ	3.5A	185	35	2	3	0
District 5						
JE5JHZ	A	13,041	80	22	35	6
JA5NSR	3.5	507	31	5	7	1
*JG5DHX	A	252	8	7	10	0
*JA5OXV	14	779	17	9	7	0
*JA5CBU	7	390	12	4	5	4
*JA5NFX	AA	37,400	215	39	47	9
JH5MXB	14A	40,257	222	20	48	3
*JH5HDA	AA	36,750	192	36	49	13
District 6						
JA6BZI	14	53,382	212	25	53	15
*JH6JNC	*	5,106	41	16	23	7
*JA6JUC	A	25,668	106	35	49	9
*JA6BCV	*	25,434	113	26	42	13
*JG6GHE	*	7,526	64	23	28	2
*JE6RJP	*	608	23	8	8	0
*JA6WFM	14	27,877	220	17	34	10
*JR6AG	*	660	27	7	8	0
JA6ZPR	14A	298,319	874	30	70	33
(OP: JH6JSR)						
*JA6GCE	AA	487,890	842	75	164	31
*JG6JAV	*	111,159	296	58	96	25
*JH6QIL	14A	13,122	124	19	32	3
*JE6TUP	7A	120	7	4	4	0
District 7						
JA7ACM	A	230,514	462	65	106	35
JR7IML	*	77,040	237	51	76	17
JG7AMD	*	63,552	163	39	59	25
JH7TAN	*	1,230	17	10	17	0
JA7LL	14	43,860	202	25	43	18
JF7CIV	*	34,672	205	24	48	16
JK7CJM	7	2,304	61	9	10	5
*JH7BMF	A	17,316	99	30	40	8
*JH7BEJ	*	2,590	38	15	16	4
*JH7HIZ	21	120	7	4	6	0
*JH7HYK	14	18,476	123	16	33	11
*JA7KOC	*	88	5	5	1	0
*J17VNJ	7	11,660	90	20	26	7
*JH8CLC/7	*	4	1	1	1	0
JG7KMB	AA	37,177	132	41	53	19
JF7GYP	*	22,192	116	24	44	5
JR7IWC	*	14,578	75	30	39	5
JH7TQ	14A	47,704	214	23	49	17
*JA7ZP	AA	40,656	155	42	59	11
District 8						
JA8TR	A	152,210	437	48	84	23
JA8DNV	*	9,288	54	27	34	11
JA8TGD	*	228	7	6	6	0
JA8IDS	21	6,766	95	15	19	0
*JH8FEI	A	11,918	113	25	27	7
*JE8KKK	*	1,660	6	3	4	4
*JA8KGG	21	120	5	4	4	0
*JE8KUH	14A	27,342	205	18	39	5
*JA8UON	7A	576	22	7	9	0
District 9						
JH9CEN	A	87,138	234	47	82	12
JA9CJW	14	29,181	149	27	37	14
*JA9DGB	*	16,617	109	19	34	7
JH9FCP	*	14,098	110	17	37	2
*JA9LX	A	77,004	213	51	75	12
*JA9EJG	*	5,616	26	22	22	4
District 0						
JH0ILL	A	20,655	90	25	51	9
*JH0JPD	A	81,818	198	52	83	14
*JH0ROZ	H	12,127	76	28	28	11
*JA0NPF	*	5,280	51	17	24	7
*JH0BNF	*	4,371	39	22	21	4
*JA0AVS	*	1,856	27	11	12	6
*JH0PEI	14	35,440	180	25	47	8
*JH0JNL	*	16,421	111	11	36	9
*JA0GQ	*	3,145	43	11	21	5
*JH0BLY	*	2,952	30	3	18	8
JA0GCV	AA	68,783	199	46	82	15
*JA0BZY	A	1,242	19	11	14	1

*DG4AM	*	7,611	60	16	37	6
*DJ6OI	*	5,565	53	15	35	3
*DJZFR	*	2,537	44	12	31	0
*DM3M	*	1,696	21	12	15	5
*DL6DCX	*	682	21	6	16	0
*DFWAC	14A	16,992	129	11	37	11
*DG8AM	*	646	22	7	12	0
*DJ8DS	7A	28,578	247	12	52	2
*DO2XX	3.5A	19,800	214	7	42	1
Greece						
SV3EXU	A	150,072	461	33	111	25
SV6JHA	*	129,532	306	44	121	23
SV8DCY	*	67,080	255	33	90	7
SZ6P	14	62,664	354	16	51	17
(OP: SV18JW)						
SV1JG	3.5	2,562	63	4	17	0
*SV8OVH	A	120,733	418	35	122	0
*SV1DDO	*	48,880	278	20	74	0
*SV1JFL	*	39,520	278	14	64	2
*SV8/PA1FJP	*	4,017	56	10	27	2
(OP: PA1FJ)						
*SV1RUX	*	1,890	27	11	19	0
*SV2/SV7CUD	*	396	15	6	12	0
(OP: SV7CUD)						
*SV1MO	AA	4,200	49	11	25	4
SV2BXA	AA	373,984	741	52	182	14
SV2ESW	*	235,066	637	38	118	26
SV2XKF	*	100,873	343	36	94	19
SZ1A	14A	154,051	539	26	75	26
(OP: SV1BDD)						
*SV8PMM	AA	14,040	98	18	52	2
*SV2AEL	14A	106,692	506	19	63	20
Guernsey						
*GUBSUP	A	162,918	405	34	134	21
Hungary						
HA8HW	A	171,287	539	34	114	9
HA8PP	14	1,752	32	9	15	0
HA8BT	3.5	90,132	528	16	65	6
*HASAQ	A	53,608	151	43	81	16
*HA7P9S	*	144	76	4	4	4
*HABWL	14	19,272	122	15	37	14
*HABMS	*	20,644	199	9	43	0
*HABWY	3.5	49,910	411	9	50	3
HA1AG	AA	35,541	157	23	55	21
HA2VR	*	3,234	46	10	32	0
HA8JV	14A	596,717	1304	34	107	46
HA8OZ	*	168,073	564	25	70	36
HG5D	7A	177,360	706	23	82	15
(OP: HA8OZ)						
HA8BE	3.5A	121,432	711	15	66	5
*HAGNL	AA	291,940	661	46	155	19
*HG8C	*	167,240	411	39	113	33
*HA3OU	*	108,570	307	37	119	9
*HA2OS	*	10,476	100	11	43	0
Iceland						
*TF8KY	A	8,692	80	13	35	5
*TF3DC	*	5,550	49	14	31	5
*TF1OL	14	276	21	4	7	1
Ireland						
EI3GRB	A	27,436	189	15	53	8
EI8IU	14	67,811	394	11	46	26
Italy						
I4JED	A	838,572	1202	54	170	74
IK7NXU	*	350,842	634	47	175	24
IK1BPL	*	174,834	436	39	134	25
IX1CLD	*	170,868	472	33	122	19
IX10LR	*	168,004	398	38	132	24
IK5FKF	*	138,237	364	33	119	25
IK25WD	*	122,510	372	32	92	33
IX3VBM	*	114,741	341	37	120	14
I20HAP	*	85,536	304	32	104	8
I20GV	*	58,420	224	20	70	25
IK0YUO	*	52,029	208	29	94	9
I23LUF	*	41,500	177	19	57	24
I1W0R	*	21,973	153	14	59	0
I24AHB	*	12,765	77	26	97	16
IK6FTZ	*	10,550	102	10	25	15
I3FGX	21	20,740	137	18	48	2
I21PKV	14	380,000	999	29	91	40
I04RN	*	168,148	588	25	68	34
IK1NEG	*	68,264	300	21	66	19
IK4GNI	*	64,416	317	17	43	28
I23GVH	*	53,508	227	16	51	31
I26GRG	*	41,600	166	21	61	22
I21H0R	*	18,768	127	15	45	8
IW1PNJ	7	138,425	590	21	70	22
IK5UAN	*	62,901	362	14	56	17
I42GOL	*	4,154	72	4	27	0
I20KBR	3.5	121,600	608	17	62	21
*I1W2MY	A	342,672	730	34	133	13
*IK1RGK	*	239,292	574	38	121	38
*I24OSH	*	188,160	425	59	126	25
*IK2RZG	*	170,625	396	36	116	43
*I28WDH	*	159,720	502	30	127	8
*IC8JFX	*	158,580	454	35	130	15
*I2XL	*	143,234	400	35	121	26
*I28XXE	*	137,264	342	40	119	25
*I0GIA	*	133,525	363	38	117	20
*IX3XNF	*	128,304	338	39	114	23
*IUSICR	*	119,808	391	27	108	21
*IW0GYC	*	111,573	340	32	119	10
*IK8IOO	*	95,046	358	34	104	8
*IWI0BG	*	93,148	340	25	115	6
*I21CBG	*	88,350	271	30	101	24
*IK3SSJ	*	82,804	354	24	89	14
*IK2AUP	*	77,655	275	30	110	15
*IK4IDP	*	76,032	262	32	90	22
*I28VDV	*	69,517	250	25	90	23
*IK2OVT	*	65,240	204	31	90	23
*IK4QJF	*	61,264	287	22	85	5
*IW4EJK	*	51,272	197	24	70	22
*IK2SAR	*	46,287	241	27	81	3
*I2BZN	*	35,952	178	22	84	1
*I23XNJ	*	35,752	140	24	63	22
*IK8AFR	*	30,192	147	29	76	6
*I27GEG	*	29,684	147	23	67	11
*IUSFBL	*	28,372	160	15	46	21
*I6FDJ	*	25,650	147	20	70	0
*IN30WY	*	25,530	218	9	60	0
*IK2YSJ	*	24,598	140	20	77	1
*IK3MLF	*	23,956	97	27	75	11
*IK5BSC	*	23,738	119	19	44	20
*IK6SNI	*	22,008	118	21	52	13
*I3VXPB	*	143,019	318	18	57	4
*I26BXQ	*	8,270	115	22	53	1
*I4UCSS	*	15,387	125	14	46	9
*IK6ZDE	*	14,760	100	16	54	2

*IU1FHJ	*	14,620	116	15	53	0
*IK4XOT	*	13,601	118	15	50	2
*IK2A0O	*	12,444	108	14	47	0
*I8IEO	*	12,040	87	17	52	1
*IK2IKW	*	11,696	86	18	50	0
*I25HOB	*	11,036	88	13	44	5
*IK4RQJ	*	10,034	96	15	43	0
*I1W2JRV	*	8,533	74	10	32	11
*I1V3IQY	*	5,335	46	15	38	2
*I20TIV	*	1,876	47	5	23	0
*I23GOG	*	540	11	7	8	3
*I1DXX	*	513	11	8	11	0
*I1ZUMS	21	11,092	117	12	35	0
*I1U10UB	14	54,600	231	18	52	30
*I1Z7XNB	*	34,255	184	16	49	20
*IK7RVY	*	22,125	176	16	43	16
*I22JPN	*	18,963	147	12	42	9
*IU1HCC	*	17,728	123	12	39	13
*I13SRQ	*	14,322	95	16	39	11
*I28GUQ	*	11,189	79	16	35	16
*IK7XNF	*	9,672	86	10	26	15
*I20RX	*	9,010	78	10	24	9
*I4UUL	*	7,392	67	11	21	12
*I3PXN	7	94,367	519	19	65	7
*I1W2LLH	*	10,472	106	9	44	3
*IU4IBC	*	9,328	121	7	37	0
*IK1ODN	*	8,820	108	6	36	0
*I5WNN	*	4,664	56	10	31	3
*I1W1X1	3.5	54,925	462	7	53	5
*IK5AMB	*	46,260	417	8	51	1
*I1W2HUS	*	13,314	163	4	38	0
*I4JEE	*	6,384	107	6	32	0
I02CJ	AA	2,646,900	2359	100	324	95
(OP: ITR9G)						
IV3WMS	*	750,164	967	63	201	70
I2WJL	*	632,111	895	67	193	63
IK2XDE	*	623,076	1046	50	183	41
I7CSB	*	457,545	693	63	104	48
I0WBX	*	312,354	705	47	152	23
I2DJX	*	249,536	491	41	147	36
IK2LFF	*	224,070	713	36	123	6
IK5PSW	*	128,484	380	31	117	18
IK0XBW	*	74,822	195	36	116	27
I4K0UA	*	65,274	202	32	78	28
I230HA	*	45,243	259	16	83	0
I2DZLV	*	44,064	173	26	57	25
IK3BFW	*	32,032	205	18	59	0
IK2EGL	*	22,858	158	19	58	2
I2SVA	*	22,092	120	17	49	18
I23XEF	*	9,301	66	20	48	3
I1NE3D	*	5,830	50	18	32	3
I2ZFOS	21A	7,296	96	11	27	0
I01RY	14A	786,111	1572	37	108	56
(OP: IZ1LBG)						
IZ3GOM	*	304,065	917	27	73	45
IW1CHX	*	201,432	668	22	64	46
I4C4HE	*	147,506	482	26	72	33
IK3XJP	*	92,092	276	28	77	38
IU3BTV	*	43,180	239	18	55	12
IK4ZHH	*	14,579	99	14	26	21
I4AVG	7A	539,240	1409	31	94	45
I2D0II	*	169,740	674	25	80	18
I23EME	*	30,400	181	17	55	8
I1UTQ	3.5A	75,392	443	13	55	55
IV3AZV	*	26,620	257	8	46	1
*I2BZT	AA	671,132	1026	61	198	49
*I23EIN	*	109,051	334	31	123	13
*I20EHL	*	108,884	341	28	117	22
*I1V3HAX	*	77,184	276	29	113	2
*I1W0QX	*	65,928	258	25	102	7
*I24XAI	*	28,690	156	20	72	3
*I2WLSL	*	25,652	119	28	72	9
*I1WSEU	*	21,824	118	21	58	9
*I1N3FE	*	19,230	65	24	63	3
*I1W1LC	*	10,883	83	15	41	10
*I25ILK	*	8,804	60	17	31	14
*I23NVR	*	7,728	110	6	36	0
*I28GTP	*	7,645	60	17	29	9
IK3TTP	14A	164,294	524	26	76	40
*I22JJP	*	24,309	142	15	40	18
*I1V3ZG	*	14,652	103	15	41	10
*IK4RVG	7A	100,320	458	23	78	15
I23RHA	*	13,398	433	16	43	6
I2I0UME	*	18,300	153	10	65	6
*IK2WAD	*	15,635	133	11	44	0
*I250DX	3.5A	5,536	98	5	27	1
Jersey						
*MJOX	A	158,556	556	26	116	40
(OP: MORT)						
Kaliningrad						
UA2CZ	A	115,650	388	30	113	7
*R2NFQ	A	22,092	139	23	60	1
*R2AFB	14A	8,370	97	11	33	1
Latvia						
YL2CI	14	158,799	548	26	77	26
YL2HR	7	60,492	430	12	59	0
A	A	82,110	284	28	105	5
*YL2BP	A	15,600	105	20	38	1
*YL2CU	*	264	11	3	8	0
YL2UI	AA	297,873	689	38	144	25
YL2GD	*	250,182	468	57	180	9
YLST	*	190,180	519	35	148	2
(OP: L2TW)						
YL2KO	*	8,723	54	19	32	10
YL2FK	7A	121,346	694	17	69	0
YL2NK	AA	77,364	111	25	94	7
*YLST	*	22,794	124	22	63	2
(OP: L3DD)						
*YL2SM	14A	10,890	69	14	41	11
Liechtenstein						
H8D/DL5YM	AA	375,147	792	35	141	43
Lithuania						
LY7Z	A	1,851,116	2159	87	281	44
LYFW	A	222,902	821	27	85	6
LY19V	A	522,902	1153	48	180	18
*LY2BA	A	13,260	108	16	52	0
*LY2CG	14	24,500	183	14	47	9
*LY1D	*	16,566	122	16	45	5
*LY2CV	*	2,910	47	9	21	0
*LY5W	7	138,780	640	22	80	6
LY1R	AA	476,224	982	52	148	24
LY2SA	*	107,500	296	39	124	9
LY2Y	A	86,664	318	29	104	0
LY2NY	14	212,676	620	30	84	35
LY2FN	3.5A	68,096	451	13	60	3
*LY5T	AA	86,144	360	25	103	3

YU1UN	21	65,989	392	19	54	4
*YU4SMT	A	5,203	98	8	35	0
*Y7BA	21	17,334	152	14	38	0
*YU7RIM	3.5	9,756	138	5	31	0
YT2U	AA	192,246	531	40	125	14
YU1KT	*	63,828	302	21	87	0
YU5R	21A	82,398	400	23	65	5
(OP: YT2AAA)						
*YT3H	AA	3,710	50	9	26	0
*YU2A	14A	60,552	335	18	52	17
*YU7VM	7A	22,002	212	14	42	1
*YU7U	*	16,072	195	6	33	2

Sicily

IT9VCE	A	768,911	1283	49	178	56
*IT9CIL	A	29,640	157	19	69	7
*IT9CKA	7	16,415	168	9	40	0
*IT9ESW	AA	704,370	1026	60	198	60
IT9Z2O	28A	171	15	3	6	0
IR9K	7A	232,624	1030	18	67	27
(OP: IT9DS2)						
IT9STX	*	114,624	570	14	54	28
*IT9ACJ	AA	51,076	236	29	83	1
*IT9XTP	3.5A	44,631	394	7	46	0
*IT9RZU	*	25,596	240	8	50	0

Slovak Republic

OM3IAG	3.5	33,984	302	10	47	2
*OM3R	A	95,238	337	30	108	4
(OP: OM3CFR)						
*OM7AG	*	89,712	330	29	108	7
*OM5MX	*	60,931	264	21	76	12
*OM2DT	*	59,784	203	34	91	16
*OM5NL	*	47,573	203	21	71	21
*OM8JP	14	10,600	97	12	31	7
*OM7PY	7	12,222	144	7	35	0
*OM8ZWA	3.5	27,387	280	6	45	0
OM2VL	AA	465,776	599	75	237	32
OM2AGN	AA	18,786	99	22	55	16
OM3CW	7A	20,458	195	11	42	0

Slovenia

S53TM	14	172,569	628	24	66	33
*S53F	*	590,178	1535	30	96	41
S50A	*	526,384	1455	31	97	39
*S57AM	A	373,320	688	50	164	41
*S55BA	A	137,788	483	26	111	11
*S57SWR	*	92,456	386	26	101	0
*S57KY	*	78,625	299	25	85	15
*S51JQ	14	43,097	256	17	53	1
*S57X	7	42,021	303	11	54	4
*S57AW	AA	1,174,716	1185	88	295	64
S58J	14A	228,512	657	28	86	34
S57S	*	6,468	59	9	17	16
S51CK	7A	222,300	856	24	83	23
S58O	*	58,598	370	17	61	5
*S50RY	AA	153,384	451	31	103	32
(OP: S53K)						
*S53O	*	57,040	229	23	86	15
*S56A	*	49,296	148	32	115	11
*S53BR	*	18,942	138	19	57	1
*S52WW	7A	7,656	109	6	31	0
*S51RBC	*	4,224	66	6	26	0
(OP: S57LR)						

Spain

EA2XR	A	513,136	1076	31	120	57
EE3E	*	302,895	493	30	159	56
(OP: EA3ELZ)						
EA1DA	*	272,889	515	47	146	50
EA1CF	*	62,580	210	26	80	34
EA5DF	*	36,380	164	15	39	31
EA7AOV	*	19,236	125	17	54	13
EB1IC	*	2,970	31	9	9	15
EF1C	14	93,656	507	16	56	20
ED4T	*	56,472	215	21	52	31
(OP: EA4CWN)						
EA7KI	7	104,400	612	16	55	19
EA2KU	3.5	38,056	304	9	44	14
EA3FF	*	12,282	136	6	38	2
*EA3FZT	A	532,032	928	45	178	49
*EA3CI	*	401,692	809	41	145	47
*EA1XT	*	391,848	717	40	125	67
*EA4BAS	*	295,554	682	41	137	39
*EA5HRT	*	162,812	561	23	106	19
*EA2BNU	*	157,815	389	36	123	30
*EA3GCT	*	115,675	308	32	115	28
*EA4CRP	*	11,136	262	29	96	19
*EA4DXP	*	58,650	205	30	99	9
*EA1EH	*	49,950	219	20	74	17
*EB5CS	*	40,832	172	21	89	6
*EA5XC	*	39,923	280	16	66	1
*EA1IYK	*	35,310	172	23	76	11
*EA4EJR	*	34,606	135	29	79	13
*EA5LD	*	34,020	138	24	70	14
*EA5H74	*	19,974	194	16	49	6
*EA5ICS	*	19,602	126	17	61	3
*EA5JW	*	18,060	90	14	43	22
*EB5CUZ	*	17,658	110	21	59	1
*EA1EWY	*	15,631	101	16	54	7
*EA3AZ	*	9,648	95	13	54	0
*EA7VJ	*	2,628	30	12	24	0
*EA1BDX	21	3,705	48	11	25	3
*EA7IA	14	36,279	202	15	48	24
*EA3GOM	*	19,341	145	9	36	18
*EA3OH	*	10,556	96	11	33	8
*EA7CU	7	3,498	57	5	28	0
*EA4FJX	3.5	6,536	84	7	35	1
EA1AKS	AA	883,080	1251	56	182	92
EA1GJ	*	501,696	976	41	133	60
EA1WS	*	497,105	852	47	132	66
ED1MK	*	398,658	752	41	142	64
(OP: EA1MK)						
EA5FV	*	288,234	648	35	124	42
EA5JX	*	174,984	481	35	128	21
EA3HWE	*	92,463	340	27	114	6
EA5GE	*	54,944	288	17	72	12
EA2OK	*	34,656	135	20	35	41
EA2DDE	*	260	7	5	5	3
EA18D	14A	122,015	485	21	55	39
EA7ZJ	*	85,782	479	14	45	28
EA1VM	*	10,650	77	6	20	20
EB1DMQ	*	858	29	6	20	20
*EC7KW	AA	283,465	557	55	153	37
*EB1EB	*	50,900	244	21	66	13
*EF5Y	*	44,196	157	32	78	17
(OP: EA5FR)						
*EA5/PA3GCU	*	25,740	156	14	45	19
*EF3C	14A	49,686	243	15	44	32
(OP: EA3CV)						
*EA2CCG	*	17,420	114	12	28	27
*EA5HJO	*	12,939	119	12	40	5

*EB1ADD	7A	9,250	88	11	32	7
*EB3CW	3.5A	129,168	656	19	70	15
Sweden						
SJ3A	A	115,115	361	30	125	6
(OP: SM3OMO)						
SM6LJU	*	97,626	297	32	102	25
SD1A	*	36,127	197	18	69	4
(OP: SM1TDE)						
SM5C	*	25,344	125	23	66	7
(OP: BM)						
*SE4E	A	293,780	786	34	144	7
(OP: SM4DQE)						
*SM5FQO	*	223,750	616	36	132	11
*SF1Z	*	117,859	419	26	116	7
(OP: SM0HEV)						
*SM7CIL	*	66,768	290	21	70	16
*SE6K	*	66,708	311	21	87	1
(OP: SM6FZO)						
*SM5ACQ	*	55,499	222	26	92	9
*SM5DXR	*	30,780	192	17	73	0
*SM6GBM	*	3,616	55	8	24	0
*SD6M	*	2,923	34	10	18	9
(OP: SA6BGR)						
*SM5MX	7	180	9	4	8	0
SM5EPO	AA	436,480	834	46	175	27
SM5FUG	*	259,369	589	39	148	22
SM5MVE	*	58,072	249	21	93	5
SE3X	7A	16,875	205	7	38	0
(OP: SA3BYC)						
*SM5IMO	AA	178,880	499	27	124	21
*SE6N	*	33,000	195	18	69	1
(OP: SA6AXR)						
*SF5M	*	28,302	153	19	68	2
(OP: SM5SYO)						
*SM5EFX	*	15,879	120	16	56	0
*SK6AW	7A	55,556	408	12	56	0
(OP: SA6CBY)						

Switzerland

H890TDC	A	814,800	1247	50	167	74
H890DP	*	535,767	910	50	172	49
H890CAL	*	84,560	308	32	111	8
H890DUS	*	22,849	149	12	49	1
H890AWS	3.5	18,260	183	12	42	1
*H89AVK	A	47,684	160	34	82	15
*H89MXY	*	40,810	201	22	80	4
*H89DDZ	*	37,500	144	24	86	15
*H89HFM	*	32,322	153	22	69	10
*H89GKM	*	770	21	5	17	0
(OP: H89GKM)						
*H83YGD	21	225	13	3	6	0
H890TK	AA	189,054	589	27	106	29
H890DUR	*	96,424	366	24	111	7
H890DVZ	*	82,944	252	36	119	1
H82U	*	77,372	318	21	62	33
H890DHG	7A	172,856	655	23	75	26
H89FKK	*	33,245	271	12	48	1
(OP: IK1PMR)						
*H890VQ	AA	299,640	584	41	137	49
*H890BXE	*	79,936	266	37	110	9
*H82K	*	55,237	321	15	75	1
*H890AB	14A	2,232	44	7	17	0

Ukraine

EM0I	A	1,542,378	2114	70	237	47
UV5U	*	1,013,446	1238	81	251	47
(OP: UT2IZ)						
UY5VA	*	675,880	1188	54	203	20
UT4RZ	*	377,235	804	51	184	14
UR5WCQ	*	355,871	716	43	143	30
UY5ZZ	*	307,102	780	42	124	28
UT2AU	*	208,715	621	32	137	0
UT2UB	*	163,208	470	40	138	6
UY5UF	*	157,688	418	36	140	8
UR5ON	*	113,091	385	32	110	7
UR4EI	*	80,848	326	25	99	0
UY5OZ	*	54,860	242	33	95	2
UT1QQ	*	49,594	192	31	106	0
UX3UU	*	10,773	86	17	46	0
UTMR3	14	78,225	348	22	67	16
EM235QM	*	22,968	205	12	44	2
(OP: UR70M)						
UX2X	3.5	186,340	883	21	75	14
(OP: UT2KZ)						
UR8RF	*	5,425	98	4	27	0
*UT5PP	A	484,191	1056	47	172	18
*UX7OV	*	358,399	992	37	155	7
*US6CQ	*	345,780	759	44	167	15
*UR8EQ	*	249,767	575	47	158	12
*UT8IM	*	215,488	532	46	158	4
*UT3SO	*	173,320	537	34	129	9
*UR7CZ	*	132,656	358	47	133	3
*160S	*	130,788	371	37	141	5
*UR7CB	*	120,945	370	34	122	9
*UR3AC	*	114,413	336	38	123	8
*UT0CK	*	112,998	347	30	125	9
*UT7EJ	*	98,906	312	36	122	0
UR5LT	*	97,128	308	31	98	5
*UY5TE	*	90,528	333	29	108	1
*UX1CL	*	87,300	282	34	111	5
*UR7CZ	*	82,490	286	33	107	4
*UX1CN	*	78,200	326	32	104	0
*UR3VKE	*	76,176	300	32	105	1
*UR5EPV	*	74,298	330	25	97	0
*UT3IA	*	62,408	288	25	90	1
*UT7NI	*	60,636	315	22	97	5
*UY5QJ	*	46,995	193	26	70	9
*UT5UML	*	44,426	240	11	80	0
*UR7OR	*	42,991	229	27	72	7
*UX0FF	*	41,296	168	30	72	14
*UT3UV	*	35,535	171	29	83	3
*UR30TN	*	34,000	174	24	72	4
*UT4UQ	*	20,605	168	13	52	0
*UT5UHX	*	20,124	120	24	62	0
*UT5UN	*	20,111	100	25	58	0
*UT8IA	*	13,560	122	12	48	0
*UT5CZ	*	10,524	102	15	45	4
*UR3QOV	*	11,210	104	14	45	0
*US2E	*	2,880	46	20	62	0
*UR2Y	14	202,750	753	24	66	35
(OP: US0YW)						
*UT2EF	*	51,408	286	15	60	9
*UT1AA	*	33,654	296	14	54	3
*UT5PQ	*	21,080	146	13	49	6
*UX3ER	*	18,585	150	16	45	4
*EO3Q	*	13,112	140	6	24	14
(OP: UR30CW)						
*UR8OR	*	748	17	9	8	0
*US7KC	7	68,686	583	11	50	0
*UR5ZEP	*	19,195	174	10	45	0
*UT3QD	*	13,860	111	14	46	0

Chile									
CE3DNP	14	49,416	225	16	34	37			
*CE3GCA		8,925	85	23	28	24			
*CASGRF	A	5,642	59	13	12	16			
*CE7VPQ	14	61,382	244	20	35	39			
*CE1LTL		32,234	160	18	20	33			
*CE3CBM	21A	29,273	149	16	23	34			
*CA3KRM	7A	798	19	9	11	1			
Colombia									
HK3C	A	9,009	51	19	20	24			
HK6P	3.5	1,596	28	9	10	9			
*HK3W	14	1,917	26	6	6	15			
Ecuador									
*HC1JQ	14	122,718	391	19	47	47			
Paraguay									
*ZP5DNB	A	308	17	9	11	2			
*ZP6SKY	7	528	19	7	9	0			
Suriname									
P25RA	A	2,057,643	1795	70	174	155			
Uruguay									
CW4MAX	21	384,394	947	24	67	51			
*CX9AU	A	94,860	209	48	56	66			
CV7S	21A	295,393	804	23	59				
				(OP: CX7SS)					
CX5UA	7A	18,662	109	14	29	19			
CX4SS		672	14	9	11	1			
Venezuela									
YW1K	14	581,664	1250	27	83	56			
				(OP: YV1KK)					
*YVSEMG	A	97,486	226	32	67	59			
*YVSLMW		4,836	38	18	27	7			
*YVSTMT	21	32,200	172	15	25	30			
*YV5OIE	14	5,217	53	10	10	17			
*YV5ACP	7	48	4	3	4	1			
*YV4NY	3.5	4,800	60	12	21	15			
YV6CQ	AA	54,096	161	37	61	40			
				(OP: YV6BXN)					
YV4ABR	7A	17,892	104	14	35	22			
ORP									
DK7HA	A	282,132	718	32	145	27			
K2YG		145,154	411	35	80	83			
Y09BCM		156,816	454	29	121	2			
W6UQ		122,040	370	53	57	106			
				(OP: W80ZA)					
UX2MF		105,357	307	41	129	3			
OK2FO		91,670	243	39	119	20			
RT4W		86,944	318	33	109	1			
OH2LU		55,566	213	27	89	10			
HA6GK		35,152	206	21	82	1			
AA8DY		33,579	201	25	35	63			
RV3DBK		23,384	161	14	60	0			
EE2A		22,873	127	20	67	2			
				(OP: EA2SN)					
EA1GT		16,644	103	19	53	4			
				(OP: ORP)					
N6UR		16,170	140	21	54	53			
DJ3GE		16,133	108	17	54	2			
*IK1XPK		15,879	100	17	61	7			
G4FFA		14,322	107	13	53	0			
YT5DEY		13,988	143	11	41	0			
LA8OKA		13,845	109	14	55	2			
IK5RUM		13,280	74	17	51	12			
*Y04AAC		12,920	89	19	49	0			
N7RCS		12,348	107	20	31	7			
G6EES		11,041	93	13	48	0			
YB8ANN		8,056	95	16	21	1			
DL2DWP		7,176	78	12	40	0			
EA4CU		6,902	61	15	40	3			
VE6BIR/3		5,978	53	15	19	27			
IK2EBP		3,588	35	14	27	5			
W6GMT		3,087	65	9	7	33			
HK4KM		2,666	23	14	17	6			
DL8TG		464	13	7	8	1			
YL3FW		252	11	6	8	0			
JE1ILP		180	11	6	6	0			
K7AHA		96	6	3	4	5			
Y03LV	21	5,535	64	14	31	0			
JR1NKN		5,148	62	15	18	0			
JR2EKD		2,816	41	10	14	0			
OK1LV		2,430	44	7	20	0			
LV4V		1,378	21	10	9	7			
UR1YDD		684	21	4	14	0			
DL2TM		448	16	4	10	0			
JA1GZK		6	1	1	1	0			
YU1NR	14	56,180	251	24	67	15			
WE6EZ		20,280	264	17	34	1			
LV5G		13,600	133	10	36	4			
RW3AJ		12,137	107	12	41	0			
UX8ZA		9,315	113	10	35	0			
I8MI		7,728	69	11	26	11			
				(OP: IW8EHK)					
C06WYR		5,900	56	13	16	21			
RA3KEV		5,082	76	6	27	0			
N8URE		3,159	60	9	9	21			
S54G		1,950	27	8	12	10			
RA0AY		1,380	27	9	14	0			
I22JNN		700	17	5	15	0			
N6HI		380	22	4	3	13			
OK2YTRU		338	11	4	8	1			
EA3FHP		189	10	4	5	0			
OK2YWB	7	37,572	301	12	49	1			
ON3DI		31,689	259	9	45	9			
EW6G		21,500	221	8	42	0			
Y03DAC		21,330	202	9	45	0			
C08RCP		20,264	153	10	23	35			
KH6KG/W5		15,549	187	14	22	37			
				(OP: KH6KG/W5)					
PA2REH		15,080	145	9	43	0			
UR7TV		7,600	103	6	34	0			
GW7APP		6,342	80	6	35	1			
RZFI		4,726	78	5	29	0			
C06SRS		2,288	48	10	12	22			
OE5FDM		1,534	31	7	18	1			
C02KY		1,269	28	7	7	13			
SM6IQD		450	17	3	12	0			
I22OKG		408	16	4	13	0			
YD1ILM		126	12	3	3	0			
CA3DPV		102	6	3	3	0			
YD1GUE		16	1	1	1	0			
YT5TYT	3.5	17,342	198	7	38	1			
WD9FTZ		5,265	119	7	6	32			
PA0AWH		3,306	62	5	24	0			
K3TW		2,320	50	9	8	23			
YT9WW		1,968	49	4	20	0			
OK1MGW		1,760	53	4	16	0			

US4EXD		950	34	4	15	0
US3IW	"	260	10	3	10	0
DH4HN	"	8	4	1	3	0
MM3AWD	AA	429,624	864	35	166	33
I2BJFL	"	406,886	766	47	178	37
YU1LM	"	194,928	530	37	128	21
				(OP: /QRP)		
PE2K	"	72,590	314	23	90	6
SV9/DJ9XB	"	70,336	313	18	90	4
				(OP: DJ9XB)		
RAWZ	"	38,808	196	24	74	0
SF0A	"	38,640	238	16	65	3
				(OP: SM0LP0)		
JK1TCV	"	38,418	135	45	55	14
OK1NG	"	35,280	207	18	72	0
RA3DJA	"	24,846	164	19	63	0
UR5XMM	"	3,648	48	13	25	0
YB06E	"	3,492	56	11	24	1
PB0DJMH	"	1,288	30	7	21	0
YB3DMQ	28A	135	9	4	5	0
YP8A	"	20	2	2	2	0
				(OP: Y08WW)		
E74EB	"	6	3	1	1	0
JF1RYU	"	6	1	1	1	0
RTTU	21A	10,560	95	18	37	0
HA3JB	"	9,936	102	12	36	0
OT6M	"	816	23	5	12	0
				(OP: ON9CC)		
YR8Y	"	697	19	6	11	0
				(OP: Y08WW)		
G5N	"	12	2	1	2	0
				(OP: G0SBN)		
OQ4B	14A	34,800	195	17	46	17
				(OP: ON4BHQ)		
YU1RH	"	15,060	124	10	38	12
HA3HX	"	14,365	100	13	39	13
YB1BD	"	4,070	47	13	24	0
R6KEE	"	4,025	58	9	25	1
Y08TND	"	300	14	4	8	0
I27FLP	7A	155,788	663	21	73	22
L23BR	"	73,508	409	19	66	9
HG6C	"	24,384	207	15	44	5
				(OP: HAGIAM)		
WA4ER	"	5,537	100	9	10	30
Z3D1D	"	12	5	3	3	0
OK6K	3.5A	24,424	298	6	37	0
				(OP: OK5IM)		
I23JBL	"	19,533	202	6	45	0
UT8UU	"	2,072	55	4	24	0
JG1LFR	"	700	60	3	4	3
JG3SVP	"	639	64	3	4	2
KB2HSH	"	448	29	2	2	12
MULTI-OPERATOR SINGLE TRANSMITTER						
NORTH AMERICA						
United States						
District 1						
*W1QK	449,700	807	56	125	119	
District 2						
*K2OAK	57,354	219	34	59	65	
District 3						
K3LR	2,563,484	2396	99	246	194	
District 4						
WV4P	773,806	1262	73	148	153	
NA4CW	581,236	923	66	146	119	
K2ADA	526,776	1111	49	111	122	
W4MLB	294,555	924	57	83	129	
District 5						
*NA5NN	697,300	1204	73	150	157	
District 6						
W6DR	397,210	785	70	96	148	
District 7						
W7WW	1,290,210	1903	91	158	186	
NA7TB	1,274,898	1872	85	161	185	
KU1CW	1,057,968	1632	76	135	161	
K7BTV	680,202	1465	65	110	143	
*A7RI	415,520	1155	56	73	136	
*KE7K	1,344	37	15	14	19	
District 9						
NV9L	1,606,688	1838	90	194	188	
*W9JWC	165,536	497	45	70	109	
District 0						
NØKE	238,600	894	46	63	91	
KØDDD	37,536	179	35	39	62	
Belize						
V31VP	1,587,476	1649	82	176	178	
Canada						
District 3						
VA3LML	231,000	488	40	77	114	
District 7						
VE7FO	131,804	386	38	45	83	
Mexico						
*XE2N	14,874	118	18	17	39	
AFRICA						
Canary Islands						
*EA8DED	901,912	1188	47	172	77	
ASIA						
Asiatic Russia						
*RØMM	9,225	110	17	20	4	
Asiatic Turkey						
*TC2Y	403,506	889	30	143	1	
*TA3LHH	48	8	1	7	0	
China						
*BH2RO	25,520	215	22	35	1	
Japan						
District 2						
*JK2VOC	70,563	273	48	70	7	

*0D5ZF	Lebanon	146,200	614	18	58	9
HS5XWY	Thailand	23,985	179	25	40	0
9M2SAF	West Malaysia	56,430	266	25	59	6
9M2TDX		6,929	69	12	29	0
9M2CDX		1,853	42	6	11	0
	EUROPE					
*C31MF	Andorra	24,528	225	6	47	3
*9A3LYL	Croatia	5,600	72	5	35	0
*2E0FNU	England	38,896	193	19	79	6
*2E0XRD		2,535	76	9	24	6
	European Russia					
*R1CAV	District 1	1,118	21	9	17	0
	District 3	72,416	295	26	98	0
*R2PU		52,488	270	18	90	0
*UB3PDW		780	24	5	15	0
*R3NAM						
	District 4	1,736	34	9	22	0
RA4HL						
*RJ7J	District 6	9,750	104	12	38	0
	Finland	57,132	206	26	107	5
*0G8T						(OP: OH8TV)
	Germany	31,372	179	18	68	6
*DK9BM		23,205	169	21	78	6
*DJ5CT		8,700	64	21	37	2
*DN5HR		667	25	7	16	0
*DC6MT		8	4	1	3	0
*DH4HN						
	Greece	120,733	418	35	122	0
*SV80VH						
	Iceland	276	21	4	7	1
*TF1OL						
	Italy	119,808	391	27	108	21
*IU5ICR		10,890	83	15	41	10
*IU1LCU		7,728	69	11	26	11
*IIBMI						(OP: IW8EHK)
	Netherlands	11,760	91	15	52	3
*PA4R		6,321	63	10	33	6
*PA4J		4,059	52	11	28	2
*PD0MWG						
	Poland	39,000	202	20	79	1
*SP9KB		17,116	207	7	37	0
*SQ8W						
	Serbia	5,203	98	8	35	0
*YU4SMT						
	OCEANIA					
	Australia	350	11	5	4	5
*VK3BWM						
	Indonesia	278,160	560	56	124	10
*YF0TUR		150,535	383	53	100	8
*YC7YGR		30,108	168	29	45	4
*YD7SAL		26,873	146	27	50	0
*YC2GBS		13,684	149	15	18	11
*YCBMGJ		5,371	79	17	19	5
*YD2DSV		2,695	48	16	19	0
*YCBRLX		360	32	9	11	0
*YB1ELD		308	21	5	5	1
*YGB3ZR						
	SOUTH AMERICA					
	Argentina	1,012	22	9	10	4
*LU1YJG						
	Brazil	159,594	286	47	86	68
*PY2FRQ		207	17	4	5	0
*ZY2R						(OP: PY2SFA)
	Chile	102	6	3	3	0
*CA3DPV						
	Venezuela	48	4	3	4	1
*YY5AEP						
	CLASSIC					
	United States	159,570	433	35	73	89
*AE1P		60,144	271	17	56	39
*AB1J		54,165	203	33	61	63
*W1DYJ		19,200	109	24	42	30
*N1RDN		4,503	58	15	18	24
*K3SSS						(OP: @W1/CHAPLIN)
*K1CGZ		3,350	39	15	19	16
	District 2	70,510	306	18	61	32
N2YBB		76,560	300	21	57	42
*W2JB		58,212	213	35	56	63
*KC2WUF		37,639	167	32	45	56
*NS2N		23,630	199	14	32	39
*W2VTV		22,320	121	21	42	30
*N2MUN		19,800	103	21	42	36
*N2CU		10,850	109	12	25	25
*KS2G						
	District 3	383,625	859	52	108	119
W3RGA		16,262	106	21	35	38
K64USN		3,036	48	12	15	17
N3MMQ						

*A13KS	26,568	151	24	36	48
*W3A3AN	12,720	86	20	29	31
*KB3LIX	5,076	61	10	16	28
District 4					
K4AOR	282,360	769	46	90	124
AC8Y	246,829	573	38	89	82
AD4TJ	81,337	281	34	56	73
K4CV	15,624	100	20	35	29
*NU4E	304,440	742	57	99	139
*KF4FC	117,384	369	40	66	95
*W3DGS	92,058	391	41	53	107
*W4LC	89,900	392	17	59	40
*W43LXD	78,126	299	33	62	79
*AE4ED	61,586	414	17	39	50
*KM4FO	54,450	295	27	36	87
*W4PJW	53,742	278	31	43	85
*NF4J	30,246	179	31	42	69
*NN4RB	29,500	138	31	47	47
*K8ARY	25,330	127	23	43	44
*WFTT	19,320	110	26	34	45
*AA5JF	17,784	104	30	39	45
*NC4MI	13,392	100	23	28	42
*WC4T	11,205	116	16	18	49
*WN4AFP	6,912	100	9	17	28
District 5					
N5RZ	160,400	504	43	62	95
NT5T	1,749	43	8	9	16
N5ATM	1,728	46	7	7	22
*NN5T	154,784	450	49	74	101
*WB5BHS	109,395	503	31	39	117
*K5IB	84,422	311	41	56	94
*NK5P	76,109	356	42	50	95
*NM5Z	14,652	124	23	24	52
*W5TD	5,460	58	18	20	27
District 6					
N6JV	338,640	917	52	65	138
N3RC	256,486	805	48	69	140
N6NXX	190,292	649	48	53	125
NN6DX	148,730	437	49	70	95
(OP: W1PR)					
K6TD	143,520	456	38	51	95
W6JBR	66,990	290	38	43	73
W6ABYR	19,203	135	28	29	54
A6BO	12,880	113	19	18	55
W6KRC	10,240	93	17	20	27
*KF6RY	24,210	185	19	31	40
(OP: W6ZL)					
*WK6I	19,608	105	37	33	44
*K6BIR	18,315	134	24	26	49
*NSVJZ	18,117	147	20	20	59
*W6RO	11,745	105	23	24	40
*WU6K	6,440	68	20	19	31
*N6OPE	6,120	93	20	18	34
*N6BHX	2,816	38	14	12	18
District 7					
WU6W	131,242	488	40	46	125
K7LFY	104,493	453	40	46	97
K7VIC	67,828	397	21	30	73
N7XCZ	161	17	6	5	12
*KC7CM	48,860	257	32	30	78
*K7HKR	44,968	208	31	37	78
*N7DB	44,070	240	33	36	61
*K7AZT	37,884	199	31	31	70
*K7MY	14,342	104	24	24	53
*KG7VIZ	12,996	143	16	15	45
*N7FG	12,367	96	25	26	32
*KF7R	4,606	77	10	10	29
*K7JSG	858	31	6	5	11
District 8					
K8RCT	117,208	393	34	66	96
K8MM	44,640	237	17	39	40
W8TOM	27,927	257	17	23	47
*A8ODY	33,579	201	25	35	63
N8JRE	3,159	60	9	9	21
District 9					
W9WI	392,000	987	42	78	125
AC9KW	101,579	388	23	47	87
K29DX	29,532	171	24	41	42
*K9COW	135,876	396	36	65	100
*WD9CIR	95,352	391	30	49	95
*WB8BZK	30,007	196	25	28	74
*W9LU	14,616	150	13	18	41
*W9AKS	9,462	152	8	7	42
*K9BS	7,560	104	10	11	39
*K9QJ	5,538	61	22	17	39
*KC9YL	4,346	65	13	11	29
District 0					
*AE0EE	80,703	327	38	43	108
*WA0LJM	52,920	259	32	42	73
*W0TU	19,436	143	23	23	67
*K16DY	15,184	131	17	23	33
*W0PI	9,849	97	14	27	26
*W3ZF	3,172	62	12	10	30
*NY0J	1,845	48	9	6	26
Barbados					
*BP2K	58,656	263	13	44	39
Belize					
*V31MA	34,279	192	13	34	36
Canada					
*VA1XH	189,222	426	30	84	69
District 2					
*VE2BVV	246,962	545	29	77	88
*VE2NCG	143	7	4	7	0
District 3					
VE3GYL	337,550	688	37	89	89
VA3MWW	70,890	246	19	46	74
VA3WV	56,290	205	29	47	54
*VE3DZ	755,582	1035	57	119	137
*VE3BR	154,544	363	43	73	92
*KOMKL/VE3	44,010	157	27	39	69
(OP: KOMKL)					
*VE3RUA	3,828	43	10	8	26
District 6					
*VE6SPS	6,390	74	8	7	30
District 7					
*VE7BC	71,375	280	27	28	70

*T12OY	Costa Rica	557,568	946	52	100	136
	Mexico	10,304	99	11	12	33
*XE1H						
*HP3SS	Panama	358,743	722	38	83	110
	AFRICA					
*9G2HO	Ghana	39,096	196	15	42	15
						(OP: 9G5SA)
	ASIA					
	Asiatic Russia					
	District 9	1,192,288	1447	66	230	0
RG9A		2,275	37	9	16	0
*RZ9AD		303,780	638	33	133	0
	District 0	33,453	278	23	36	0
*R0JD		17,226	122	19	39	0
*R0WHE		14,484	78	24	44	0
*U0BSU						
	India	15,778	126	12	38	0
VO2YQ						
	Japan					
	District 1	46,098	182	44	62	11
JH1CTV		36,480	139	33	50	12
JA10OW		7,203	56	15	29	5
JR1NHD		13	465	13	6	9
*JK1LUY		26,600	115	35	50	10
*JS1KKY		13,124	110	28	30	10
*JA1IE		7,020	60	18	26	8
*JR1AOI		5,712	66	21	26	1
*JF1WCK		3,960	49	19	22	4
*JN1BBO		84	10	3	3	0
*JR7KVA/1		70	4	3	4	0
*JQ1PCT		6	1	1	1	0
*JA1GZK						
	District 2	1,403	23	9	12	2
JR2ALA		33,708	129	43	59	2
*JE2BOM		11,550	100	19	27	4
*JA2JNC						
	District 3	35,908	169	37	53	4
JA3QOS		17,952	103	23	35	10
JH3QFY		13,034	111	18	31	10
*JH3SIF		612	15	8	9	0
*JA3HKR						
	District 4	11,026	68	31	38	5
*JH4FUF		2,088	32	12	13	4
*JN4JGK						
	District 5	252	8	7	7	0
*JG5DHX						
	District 6	25,668	106	35	49	9
*JE6JNC		25,434	113	26	42	13
*JA6BCV						
	District 7	88	5	5	5	1
*JA7KQC						
	District 8	9,288	54	27	34	11
JA8DNV						
	District 9	5,616	56	22	22	4
*JA9EJG						
	District 0	4,371	39	22	21	4
*JR0BNF						
	Kazakhstan	150,500	491	33	92	0
*UN7PGA		138,450	383	29	101	0
*UN7ZAF						
	Mongolia	180	11	5	5	0
*JT1PB						
	Taiwan	23,821	107	29	52	2
BV1EK						
	United Arab Emirates	178,623	718	20	65	4
A65DR						(OP: 67SL)
	EUROPE					
	Belarus	201,960	557	37	142	1
EW8OM		49,374	180	29	81	7
*EU1FQ		44,733	200	24	84	3
*EU6A						
	Belgium	588,848	925	62	201	41
*ON4CT		100,827	351	28	109	16
*ON2CQ		13,948	174	5	39	0
*OPBJ						(OP: ON5GF)
	Bulgaria	8,967	70	17	42	2
*LZ2HT						
	Crete	10,164	120	8	34	2
*SV9FBK						
	Czech Republic	20,580	301	4	31	0
OK2SFP		6,250	71	12	31	7
*OK1LV		2,430	44	7	20	0
	Denmark	52,241	222	23	94	2
*OZ1A00		13,398	113	12	43	3
*5Q5R		6,300	65	15	34	1
*OZ1LFI						
	England	133,110	380	33	118	23
G3T		22,357	127	16	44	19
G0MGMI		116,808	357	26	112	39
*G0FGI						



RG9A's antenna farm. (Inset) Uri, RG9A, won the Classic overlay.

what's new

Pasternack Launches New Class AB High Power Amplifiers

Pasternack has launched a new series of high power, class AB broadband amplifier modules that incorporate GaN, LDMOS, or VDMOS semiconductor technology. Pasternack offers a selection of 18 new amplifiers that cover frequency bands from 20 MHz to 18 GHz that feature saturated output power levels ranging from 10 watts to 200 watts and power gain up to 53 dB. Designs operate in a 50-ohm environment and are unconditionally stable. The compact coaxial packages use SMA or N-Type connectors and have integrated D-Sub control connectors for DC bias, enabled with TTL logic control, current sense, and temperature sense functions.

These rugged assemblies operate over a wide temperature range from -20°C to 60°C and can withstand relative humidity exposure up to 95% maximum. To ensure optimum baseplate temperature, Pasternack offers two new heatsink modules with DC-controlled cooling fans that are specifically designed for these power amplifiers.

Pasternack's new class AB, high power amplifiers and heatsinks are in-stock and available for immediate shipping with no minimum order quantity required. For more information contact Pasternack, 17792 Fitch Irvine, CA 92614. Phone: (949) 261-1920. Website: <www.pasternack.com>.



Norway					*US7KC					68,686	583	11	50	0
*LA5LJA	201,310	456	43	145	17	*UR5TL	68,072	241	31	98	5			
*LA8OKA	13,845	109	14	55	2	*UT7NI	60,636	315	22	97	5			
Poland					*UT1AM					22,992	266	6	42	0
SP7AH	161,304	509	35	116	5	*UT4UQ	20,605	168	13	52	0			
SP5DL	50,211	425	9	53	1	*US5LOC	12,224	105	16	48	0			
*SP9H	290,410	628	43	161	22	105,357	307	41	129	3				
*HF100PS	84,940	318	26	105	6	*UX8ZA	9,315	113	10	35	0			
(OP: SP9CXN)					*UR1YDD					684	21	4	14	0
*SP1DMD	27,115	161	18	56	11	Wales								
*SP6DMI	14,300	127	12	35	5	MW2I	727,536	1254	50	182	44			
*SP8CGU	10,440	76	19	39	2	(OP: GW4FRE)								
*SP9BGS	4,212	51	7	23	6	*MW6M	119,970	400	26	116	13			
*SP9EZM	3,706	53	9	23	2	(OP: GW4BVJ)								
*SP9MDY	792	31	5	13	0	*GW4HBK	5,412	59	9	27	5			
*SP9KJU	629	16	6	11	0	*GW7APP	6,342	80	6	35	1			
(OP: SP9MDY)					OCEANIA									
Portugal					Indonesia									
*CT7AUP	130,350	398	29	100	29	YC2HML	37,114	236	28	46	3			
*CS25FOQ	24,948	104	24	52	23	YC2EE	4,318	82	11	22	1			
(OP: CT1FQD)					*YD1TJ					1,173	24	10	13	0
*CT7AIX	24,820	132	14	36	23	*YC3ATK	20	10	1	1	0			
Romania					New Zealand									
YP0C	636,225	1208	52	170	33	ZM1A	138,645	434	26	47	44			
(OP: Y03CZW)					(OP: ZL3CW)									
*Y02IS	40,125	271	13	47	15	*ZL2AYZ	41,503	139	39	63	19			
*Y09CWY	27,936	198	12	50	10	Philippines								
*Y05OHY	23,184	256	6	42	0	102,290	349	39	63	4				
*Y09BCM	118,864	405	29	121	2	SOUTH AMERICA								
Sardinia					Argentina									
*IS0GVH	18,615	138	16	56	1	L77D	18,585	114	14	25	24			
(OP: L06UC)					Brazil									
Serbia					11,993					83	14	34	19	
YT2AA	66,783	291	25	80	8	*PP7DX	6,588	56	22	26	13			
*YT9WW	1,968	49	4	20	0	*PU7ASP	4,224	61	12	17	19			
Slovak Republic					*PU2TRX					651	15	9	11	1
*OM2DT	59,784	203	34	91	16	Chile								
*OM5NL	47,573	203	21	71	21	*CE1LTL	32,234	160	18	20	33			
Slovenia					*CA5GRF					6,642	59	13	12	16
S53TM	172,569	628	24	66	33	Colombia								
*S55BA	137,788	493	26	111	11	HK3C	9,009	51	19	20	24			
*S57SWR	92,456	386	26	101	0	Uruguay								
Spain					94,860					209	48	56	66	
EA1DA	272,889	515	47	146	50	Venezuela								
EF1C	93,656	507	16	56	20	32,200	172	15	25	30				
EA2KU	38,056	304	9	44	14	CHECK LOGS								
EA5DFV	36,380	164	15	39	31	3Z60, 9A4WY, 9A6TT, AB5XK, CX2AO, DD0VS, DD7CW,								
EA7AQV	19,236	125	17	54	13	DG1RZH, DG7EAO, DK3GG, DK6IM, DL1BWM, DL2BOV,								
*EA3GCT	115,675	308	32	115	28	DL3FBB, DL3KVR, DL4CF, DL4ZBY, DL6FCX, DL7VEE,								
*EA4CRP	71,136	282	29	96	19	DM5DX, E75IBH, E75RML, EA3CS, EA3GBA, EA3NY, EA5NB,								
*EA4DXP	58,650	205	30	99	9	EA7HAB, E18KF, EU4E, F5JJC, F6EKC, G0ORH, G3VOQ,								
*EA7IA	36,279	202	15	48	24	GM4UQG, HA1VHF, HA860, HS6MYW, I1NVU, I8JIT,								
*EA1IYK	35,310	172	23	76	11	I8RACS, IK2FDV, IK2LOL, IK2SBB, IK2WSD, IK3NBE,								
*EA3GOM	19,341	145	9	36	18	IUALGT, IY3IXN, IY10N, JH10DB, JP3BEE, JS1IFK, JS3CTQ,								
*EA1BDX	3,705	48	11	25	3	K0DY, K1SX, KA5Z, KZ4KX, LY400, LZ1YF, LZ8E, M0IPU,								
*EE2A	22,873	127	20	67	2	N5KX1, N6FUB, N7ELB, OK1DWC, OK1FAK, OK1TK, OK1MP,								
(OP: EA2SN)					OK2BHD, OK2BZ, OK2EQ, OK2PAD, OZ6TL, PC1EMR, P14CC,									
*EA4CU	6,902	61	15	40	3	PP6ZZ, R5AJ, R7RC, RA00D, RA0R, RA3FD, RA3ICK, RL4F,								
Sweden					RM4CA, RU7K, RW4CLF, RW4NN, S52DD, S57DX, S030,									
*SF1Z	117,859	419	26	116	7	SP2MHD, SP2MKT, SP6GCU, SP9CVY, SP9JZT, S03L,								
(OP: SM0HEV)					SV1XV, SV2HKV, SV2LOL, SV9FBG, SV9FBP, TF3QS,									
Switzerland					UA1WBV, UA30N, UA6JQ, UN6G, US5EEK, VU2PTT,									
*HB9MXV	40,810	201	22	80	4	VU2SMS, W2BAP, WA1SKX, WA3FRP, WA6GD, WD5HJF,								
Ukraine					YC9DRB, YL5X.									
UR5WCQ	293,112	642	43	143	30									
UT2AU	208,715	621	32	137	0									
UR8RF	5,425	98	4	27	0									
*UT3SO	173,548	530	34	129	9									
*UR3VKE	76,176	300	32	105	1									