

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

2021 CQWW DX RTTY RESULTS

SINGLE OPERATOR NORTH AMERICA

United States		District 1		District 2		District 3		District 4		District 5		District 6	
K5ZD	A 4,002,182	3179	93	276	169	K5ZD	A 4,002,182	3179	93	276	169	K5ZD	A 4,002,182
K2ZW	3,168,650	2690	83	254	162	K2ZW	3,168,650	2690	83	254	162	K2ZW	3,168,650
N1XF	1,162,014	1429	61	192	126	N1XF	1,162,014	1429	61	192	126	N1XF	1,162,014
K1AR	814,680	1056	62	185	118	K1AR	814,680	1056	62	185	118	K1AR	814,680
K1AYOC	188,790	433	35	94	81	K1AYOC	188,790	433	35	94	81	K1AYOC	188,790
W1GD	80,325	190	40	97	38	W1GD	80,325	190	40	97	38	W1GD	80,325
W3IAEL	77,787	229	31	73	25	W3IAEL	77,787	229	31	73	25	W3IAEL	77,787
KB1U	50,440	178	21	79	4	KB1U	50,440	178	21	79	4	KB1U	50,440
W1TO	35,568	134	26	56	35	W1TO	35,568	134	26	56	35	W1TO	35,568
W1AW	14	32,996	11	40	42	W1AW	14	32,996	11	40	42	W1AW	14
K1SM	8,904	71	10	28	15	K1SM	8,904	71	10	28	15	K1SM	8,904
11N1D	A 285,348	699	37	102	98	11N1D	A 285,348	699	37	102	98	11N1D	A 285,348
AE1EZ	273,360	565	44	121	103	AE1EZ	273,360	565	44	121	103	AE1EZ	273,360
KA1C	253,080	521	39	124	65	KA1C	253,080	521	39	124	65	KA1C	253,080
11D1D	176,205	337	55	129	71	11D1D	176,205	337	55	129	71	11D1D	176,205
W1DYJ	162,846	361	43	107	68	W1DYJ	162,846	361	43	107	68	W1DYJ	162,846
AF1R	162,624	358	41	103	80	AF1R	162,624	358	41	103	80	AF1R	162,624
WA1LAD	127,556	315	43	97	83	WA1LAD	127,556	315	43	97	83	WA1LAD	127,556
KB1LRL	92,814	253	33	91	62	KB1LRL	92,814	253	33	91	62	KB1LRL	92,814
KX1X	75,945	224	40	86	57	KX1X	75,945	224	40	86	57	KX1X	75,945
K1G1V	62,976	211	30	72	62	K1G1V	62,976	211	30	72	62	K1G1V	62,976
WX1X	56,722	172	29	73	56	WX1X	56,722	172	29	73	56	WX1X	56,722
K1LHO	31,640	161	29	63	46	K1LHO	31,640	161	29	63	46	K1LHO	31,640
N2HK	18,944	151	22	41	45	N2HK	18,944	151	22	41	45	N2HK	18,944
W2TT	23,712	97	32	56	26	W2TT	23,712	97	32	56	26	W2TT	23,712
AB1J	16,560	100	19	37	24	AB1J	16,560	100	19	37	24	AB1J	16,560
W1QD	4,100	58	9	16	25	W1QD	4,100	58	9	16	25	W1QD	4,100
WA2TXN	3,984	44	14	24	10	WA2TXN	3,984	44	14	24	10	WA2TXN	3,984
V1UY	3,136	47	16	27	21	V1UY	3,136	47	16	27	21	V1UY	3,136
NU1T	783,961	1120	57	169	123	NU1T	783,961	1120	57	169	123	NU1T	783,961
AE1P	641,520	963	61	156	107	AE1P	641,520	963	61	156	107	AE1P	641,520
KB1W	513,216	691	50	148	90	KB1W	513,216	691	50	148	90	KB1W	513,216
KV1J	493,605	792	56	165	94	KV1J	493,605	792	56	165	94	KV1J	493,605
AB1JV	418,562	578	55	170	89	AB1JV	418,562	578	55	170	89	AB1JV	418,562
K1VW	304,700	570	50	128	97	K1VW	304,700	570	50	128	97	K1VW	304,700
NF1O	295,988	453	58	161	89	NF1O	295,988	453	58	161	89	NF1O	295,988
NC1CC	161,550	414	29	91	49	NC1CC	161,550	414	29	91	49	NC1CC	161,550
NE1F	110,322	239	54	114	59	NE1F	110,322	239	54	114	59	NE1F	110,322
N1MGO	56,486	212	24	71	27	N1MGO	56,486	212	24	71	27	N1MGO	56,486
K1VOI	18,928	93	20	58	13	K1VOI	18,928	93	20	58	13	K1VOI	18,928
N1MD	2,025	25	6	21	0	N1MD	2,025	25	6	21	0	N1MD	2,025
W1ARY	AA 464,548	632	55	167	107	W1ARY	AA 464,548	632	55	167	107	W1ARY	AA 464,548
N1AFI	252,720	537	43	115	37	N1AFI	252,720	537	43	115	37	N1AFI	252,720
KA2KN	233,540	464	37	118	49	KA2KN	233,540	464	37	118	49	KA2KN	233,540
N1ERS	50,660	174	30	73	46	N1ERS	50,660	174	30	73	46	N1ERS	50,660
WA1ZYX	50,619	195	26	64	51	WA1ZYX	50,619	195	26	64	51	WA1ZYX	50,619
WO1N	18,018	92	27	39	33	WO1N	18,018	92	27	39	33	WO1N	18,018
N1EN	4,140	47	10	19	17	N1EN	4,140	47	10	19	17	N1EN	4,140
AA2GF	A 478,857	772	48	136	87	AA2GF	A 478,857	772	48	136	87	AA2GF	A 478,857
W02T	233,613	370	58	165	34	W02T	233,613	370	58	165	34	W02T	233,613
WS2M	213,366	391	51	140	67	WS2M	213,366	391	51	140	67	WS2M	213,366
K2OB	180,785	410	39	106	64	K2OB	180,785	410	39	106	64	K2OB	180,785
W02Y	130,980	292	37	108	32	W02Y	130,980	292	37	108	32	W02Y	130,980
AB2ZY	60,736	210	30	73	43	AB2ZY	60,736	210	30	73	43	AB2ZY	60,736
WA3AFS	54,495	170	48	73	52	WA3AFS	54,495	170	48	73	52	WA3AFS	54,495
KA2AEY	108,330	327	44	140	13	KA2AEY	108,330	327	44	140	13	KA2AEY	108,330
K2RB	17,834	106	16	40	18	K2RB	17,834	106	16	40	18	K2RB	17,834
WA2DE	8,512	74	12	28	24	WA2DE	8,512	74	12	28	24	WA2DE	8,512
WA2VIU	1,008	22	7	11	10	WA2VIU	1,008	22	7	11	10	WA2VIU	1,008
NB2P	14	303,955	854	29	81	NB2P	14	303,955	854	29	81	NB2P	14
N2YBB	101,790	352	23	70	37	N2YBB	101,790	352	23	70	37	N2YBB	101,790
KU2M	A 1,634,232	1625	81	232	144	KU2M	A 1,634,232	1625	81	232	144	KU2M	A 1,634,232
AH2O													

*IZBICH	AA	724,314	981	71	203	92			
*IWZMXY		577,654	790	62	185	94			
*IKAZIF		296,786	431	65	150	86			
*IWSEIJ		224,058	456	44	124	46			
*IVSHAX		172,014	314	51	140	50			
*IZBWDH		162,800	385	46	143	31			
*IZAJMA		138,749	412	39	130	40			
*IKOPEA		101,911	196	58	123	42			
*I4VEQ		65,940	218	17	18	70			
*IK3YBX		54,849	177	35	77	29			
*IN3FHE		48,180	149	30	64	38			
*IK3SAI		42,904	165	33	70	21			
*IK4JDA		34,314	137	24	66	24			
*IK8FIO		29,648	129	29	61	19			
*IK2SFG		14,352	96	23	37	21			
*IZ3ZOO		10,980	94	12	47	2			
*IK1TTD		10,716	74	22	49	5			
*I4BOY		2,664	27	11	11	14			
*IO/S8Y		1,330	20	14	17	4			
*IV3JCC	21A	99,218	275	31	66	36			
*IZBCOW		12,272	108	16	31	5			
*IZBGNR		6,771	42	20	24	17			
*IZBEFD	14A	216,801	638	28	79	46			
*IV3XZG		50,578	168	22	56	43			
*IUBDKG		2,457	28	12	18	9			
*IKARVW	7A	132,980	555	19	66	35			
*IK2LOL		18,972	146	11	50	7			
*IK2YDE	3.5A	65,554	478	10	53	10			
*IK3SSJ		40,950	272	10	53	15			
*I1WXY		16,965	128	9	46	10			
*IV3DXW		3,816	70	4	32	0			
*IZSOOX		162	11	2	7	0			

*PA5N		63,468	235	27	80	22			
*PA5KT		18,746	100	21	58	12			
*PC4H		17,400	102	16	45	14			
*PA1CA		1,836	25	13	18	5			
*PA3GVI	7A	136,874	598	19	62	30			
*PA1M		74,743	235	16	64	18			
*PA2TA	AA	347,853	643	46	148	55			
*PE1OYB		285,978	558	50	126	55			
*PC1PM		193,314	473	40	130	42			
*PA3DTR		122,388	295	35	113	40			
*PDOME		113,971	381	28	85	30			
*PD3DUU		96,849	250	29	70	54			
*PA3SDG		72,743	247	27	83	27			
*PG5V		59,085	297	22	68	11			
*PD1RP		57,352	198	28	87	19			
*PDQJMH		55,440	257	20	70	15			
*PA3EYV		42,210	193	25	61	19			
*PAOGRU		39,300	193	22	64	14			
*PE4BAS		36,720	130	30	65	25			
*PE4A		35,643	166	24	72	13			
*PA3HGF		30,192	150	26	66	10			
*PD3LPA		23,562	146	14	43	20			
*PC5D		22,185	135	19	54	14			
*PA2VS		22,126	150	18	51	5			
*PE4KH		22,010	151	17	52	2			
*PD4RPD		9,519	78	11	38	8			
*PA3PKZ		7,473	247	17	83	27			
*PAORRS		1,855	31	7	20	2			
*PE1HWO		792	25	6	17	1			

*Z3ZU	A	56,870	220	28	83	10			
*Z3Z5	21	14,880	108	15	31	14			
*Z3ZYL	14	9,240	127	9	35	0			
*Z3ZBN	7	71,878	486	14	55	13			
*Z3ZF	3.5	25,016	238	7	46	0			

Z35T	14A	631,891	1568	32	83	54			
*Z3ZID	7A	152,439	616	19	70	30			
*Z3ZA		14,229	142	10	41	0			

Mi5K	3.5	134,805	673	14	53	28			
*G17AXB	A	222,480	503	36	92	68			
*G11GKI		115,634	268	38	77	64			
*MIOH		100,775	346	24	103	18			
*MICKXX		2,025	41	12	33	0			
*MI0DWE	14	23,322	129	10	30	36			
*MI0NUM	AA	7,000	83	14	36	0			

LC3A	A	2,935,862	2464	90	250	142			
LA7VK		444,428	770	54	165	55			
LC5W		186,366	498	34	112	32			
LB2WG		165,680	379	38	102	50			
*LA5LJA	A	541,926	799	64	184	58			
*LA2HFA		98,092	268	41	119	19			
*LA7SI		84,096	274	35	97	14			
*LA2XNA		70,875	263	29	77	19			
*LC7D		5,141	49	11	35	1			
*LA8OKA		4,230	45	12	31	2			
*LA4NL	14	32,232	201	17	55	7			
*LA6OP	7	2,013	40	7	26	0			

LC6C	AA	592,067	956	57	166	78			
*LA3WAA		382,690	671	55	116	37			
LC9S	14A	38,220	222	12	42	24			
*LA9TA	AA	662,900	823	73	196	81			
*LA3BPA		272,916	491	49	156	47			
*LB6VI		87,780	325	24	88	21			
*LC1R		42,480	204	22	82	16			
*LA9RY		28,302	127	26	60	20			

SO9I	A	3,102,540	2642	91	253	154			
SO4R		654,168	1049	57	150	74			
SP3DK		209,332	399	46	136	50			
SP9HE		128,134	317	41	96	43			
SO5E		41,654	168	32	29	7			
SP2FUD		34,100	143	22	61	27			
SP5DL		25,944	127	23	56	13			
SP1NY	14	123,076	428	23	57	36			
SO7BOH		82,467	291	21	61	37			
SP1JQJ		20,720	124	15	44	15			
SP1JGW	7	17,228	145	12	41	6			
*SP2DLY	A	307,778	697	17	160	30			
*Z3ZW		288,611	486	58	144	55			
*SP5UFK		227,767	439	52	142	45			
*SP8EEX		194,688	334	51	132	51			
*SP9CXN		182,546	492	36	127	19			
*SP6JZP		143,172	322	49	102	43			
*SP3LGF		119,784	302	42	116	28			
*SP9GAX		114,948	332	42	121	23			
*SN1LH		105,995	386	27	110	8			
*SP4BPH		105,300	339	34	98	18			
*SQ7LQJ		98,103	293	36	102	21			
*SP1DOZ		89,628	332	28	79	25			
*SP1MWF		79,373	214	45	77	39			
*SO1RON		56,496	193	31	76	25			
*SP4AZ		50,952	176	34	79	19			
*SP9GMI		48,824	183	32	15	24			
*SP5GDY		47,190	145	40	73	30			
*SP1DMD		41,292	157	32	75	17			
*SP2HHX		36,375	210	22	75	17			
*SP9IHP		30,414	108	36	41	34			
*SP6EIP		27,810	169	21	65	4			
*SQ5JUP		19,096	117	17	48	12			
*SQ6F		15,900	95	21	45	9			
*SP3JIA		15,484	98	18	52	9			
*SQ6ILH		14,700	83	23	55	6			
*SP9WZO		4,242	48	13	29	0			
*SP3BBS		680	19	6	11	0			
*SP4NKJ	21	20,672	121	22	41	13			
*SP3ADC		4,914	52	13	6	9			
*SP3PCT		697	14	6	5	7			
*SP8M4	14	111,864	369	22	54	42			
*SQ6KXY		65,044	299	20	62	19			
*SP5TAZ		51,119	240	15	51	31			
*SP8CGU		37,655	185	14	44	27			
*SP6DMI		35,275	199	13	47	25			
*SP5CQI		27,722	157	16	43	24			
*SP9BGS		16,576	123	13	34	17			
*SN9AT		7,824	73	10	30	8			

*SP9ZHR		2,508	33	9	19	5			
*SQ4HKU		980	17	6	6	8			
*SQ2OMK		672	14	9	11	1			
*SP6SOZ		646	15	5	5	9			
*SP9SZ	7	34,400	199	14	50	16			
*SP9BCH		25,137	268	8	40	1			
*SP9CTS		10,920	138	5	33	4			
*SP2TQD		9,900	99	9	39	2			
*SP9IVD		4,921	66	6	31	0			
*SP3OL	3.5	26,158	270	9	46	3			
*SP6IHE		13,770	155	8	38	5			
*SQ8NGI		9,760	140	5	35	0			
*SP9JKU		1,144	38	3	19	0			
*SP3AMO		24	4	2	4	0			

SN7Q	AA	5,815,370	3692	119	341	178			
SP8PK		406,980	689	60	164	61			
SP9KR		369,373	584	61	142	68			
SP1MWN		329,112	634	51	152	49			
SN5N		205,508	591	30	108	28			
SO8N		25,317	99	25	39	33			
SP6NIN		210	7	5	2	7			
SP7IT	21A	89	11	4	97	50			
SN5X	21A	338,632	749	34	97	50			
SP3A	14A	147,423	384	31	85	41			
SP3CMX		2,736	33	9	19	8			
*SQ6ELK	AA	312,375	589	53	149	43			
*SP3EMA		284,886	587	51	157	30			
*SP6FXV		200,860	356	48	105	67			
*SP5GNI		188,573	386	45	128	44			
*SN5WD									

EA1B	14A	415,968	1113	31	85	52
ED2C	7A	49,192	252	14	47	25
EA5GIE " 11,685 148 8 32 1						
EAA2A	"	9,360	100	9	32	7
EAABAS	AA	658,640	681	70	194	96
ED7N	"	304,965	612	41	130	70
(OP: EA2CYJ)						
EA3IAZ	"	182,596	483	35	122	34
EA2ESB	"	128,760	412	25	86	37
EA1G	"	128,328	329	32	81	61
EA2CCG	"	50,283	199	21	55	35
EA7KE	"	20,292	120	14	35	27
EA5ERA	"	6,384	88	12	30	0
EA7FDO	"	3,323	12	8	11	0
EA1ACP	21A	193,129	508	30	77	44
EB1TR	14A	112,110	491	19	61	31
EA5HJO	"	86,897	371	18	59	36
EA3CI	3.5A	68,526	423	11	53	17
Sweden						
SM5ILE	A	432,782	768	55	162	49
SM6LJU	"	123,580	315	41	111	33
SM5CZO	"	62,565	230	31	95	3
SD1A	"	50,050	165	40	76	14
(OP: SM1TDE)						
SM3PZG	"	47,686	168	26	46	41
SM5LBP	21	58,410	200	26	28	26
SK0QO	A	266,590	505	68	150	38
(OP: SM0LYC)						
SM5FQQ	"	222,372	489	45	131	37
7S5S	"	212,741	410	45	140	44
(OP: SM5SCS)						
SFOA	"	162,578	477	31	115	23
(OP: SM0LPO)						
SE6K	"	133,035	456	35	104	12
(OP: SM6FZO)						
SM5DXR	"	41,182	189	30	74	14
SK6QA	"	18,531	130	14	56	1
(OP: SM6PVU)						
7S2A	14	231,530	832	25	71	34
(OP: SA2SAA)						
SM6RLH	"	697	19	12	0	0
SM5MX	7	40,115	289	14	50	7
SF0D	"	1,008	31	3	15	0
(OP: SM0DSF)						
SM2M	AA	1,408,110	991	101	320	140
(OP: SM2LY)						
SM6MVE	"	116,760	340	41	104	23
SM0N	"	4,876	47	0	20	15
(OP: SM0JCA)						
SM5EPO	7A	38,471	251	13	43	17
SM7BH	AA	410,400	669	56	162	70
SM6I	"	195,082	463	43	124	39
(OP: SA6CMO)						
SE4E	"	176,293	442	41	137	13
(OP: SM4DPC)						
SM6NET	"	138,768	310	42	107	46
SD6O	"	62,320	195	33	100	19
(OP: SA6DXG)						
SB7W	"	33,027	183	24	76	1
SE6N	"	24,112	133	20	62	6
(OP: SA6AXR)						
SM6GBM	"	14,337	121	16	33	12
SM6M	"	8,970	61	16	28	21
(OP: SM6MWC)						
SK6GD	7A	14,257	143	11	41	1
(OP: SM6XHM)						
Switzerland						
HB9TCC	A	1,857,336	1610	66	208	134
HB9AVS	"	680,680	921	60	173	101
HB9CAL	"	378,454	576	55	162	79
HB9DOS	14	8,495	82	8	15	22
HB9TZU	A	104,876	327	28	102	27
HB9OAU	"	92,637	337	28	95	18
HB9MXY	"	46,614	232	17	78	7
HB9HQX	"	45,217	223	22	79	2
HB9GFT	"	15,510	128	15	51	0
HB9BGF	"	9,822	98	11	41	0
HB9GKM	"	1,107	19	8	16	3
HB9DYZ	AA	32,249	116	32	71	16
HB9EHJ	3.5A	2	1	1	1	0
Ukraine						
EM0I	A	2,808,450	2592	90	261	123
(OP: UT2Z)						
UT7IS	"	682,290	972	71	203	68
UY5ZZ	"	368,232	719	56	124	49
UT2UB	"	242,514	470	55	125	36
UR5CN	"	185,328	446	46	123	39
UV1IX	"	89,112	331	34	102	5
UT5ECZ	"	67,769	176	43	105	21
UT3UV	"	57,421	238	38	117	6
UR5FB	21	66,229	259	25	58	20
UR7GO	14	420,680	1112	32	94	45
UT3RS	"	169,458	641	23	71	28
UT73M	"	5,203	54	11	29	3
(OP: US0ZK)						
UT2UA	3.5	24,788	249	8	45	1
UY5VA	A	905,170	1258	72	212	51
UT5EP	"	75,832	283	60	187	47
UR1HR	"	641,564	990	64	194	50
UX7QV	"	392,150	873	51	172	30
UR5WCQ	"	313,404	501	49	151	73
UW2Q	"	297,596	603	52	160	24
(OP: UR6QS)						
UR7CB	"	266,785	577	51	156	31
UT5EOX	"	245,818	452	50	143	22
UR7SO	"	231,608	525	50	140	22
UR7EC	"	180,068	360	55	137	44
US7UK	"	179,520	397	42	135	43
UX1CL	"	163,116	392	43	131	23
UR7AS	"	153,468	406	44	140	5
UR5LY	"	126,400	335	33	81	46
UY5TE	"	106,421	238	38	117	6
UR5FEW	"	101,550	225	32	109	9
UT0CC	"	99,045	312	31	106	18
UR8EQ	"	94,705	290	40	95	20
UR3QTN	"	90,270	301	36	106	11
UR5ZEP	"	88,830	334	29	99	7
UT2OQ	"	87,768	281	34	118	7
UR5ZDZ	"	85,342	290	33	98	11
UT5FQ	"	75,821	238	37	108	16
UT5UML	"	73,532	310	26	98	0
UR7NI	"	72,336	336	24	104	9
UT0UOY	"	67,730	253	31	89	10
UR4EI	"	52,560	214	28	88	4
US6CQ	"	41,285	178	28	79	8
UX3QF	"	40,131	190	27	80	10
UX6IB	"	34,117	153	28	81	0

UT5UHX	"	28,994	153	28	77	4
US5EEK	"	27,621	137	25	67	0
UT7MR	"	22,750	142	17	74	0
US5CDH	"	18,009	126	21	64	0
UR4MLS	"	11,118	22	7	19	0
US0HZ	21	48,800	212	26	60	14
UW5EJMM	"	40,937	308	16	51	0
UT5UN	"	15,405	94	16	26	21
UX7LL	"	10,650	105	10	29	11
UT1AA	"	3,996	50	12	16	8
UT1PR	"	2,944	46	12	17	3
UT4PG	14	38,726	213	15	42	20
UY5ZA	"	19,176	136	14	43	11
UW5U	"	9,234	94	12	39	3
(OP: UV2UA)						
US5LOC	"	8,316	97	10	34	0
UR5XOV	"	6,110	68	12	33	2
US7KC	7	61,295	502	14	48	3
UR5PD	"	23,680	202	11	49	4
UT5QD	"	15,436	116	15	49	4
UR5EPM	"	8,976	117	6	38	0
UT5PY	"	5,481	109	4	25	0
UY3MW	"	2,635	42	6	25	0
UT0MF	"	108	6	3	6	0
UW1M	AA	4,179,211	3396	108	331	138
UR5R	"	1,285,999	1472	73	237	81
(OP: UT0RM)						
UZ1WWW	"	1,262,600	1349	81	246	101
UV5U	"	919,350	878	97	257	96
(OP: UX1UA)						
EO5OFF	"	833,184	1172	75	215	62
(OP: UX0FF)						
UX5UO	"	387,552	662	57	157	50
US5QUB	"	158,620	353	41	139	26
EM73CM	"	59,624	245	39	96	14
(OP: UR7QM)						
UY1HY	7A	185,185	623	29	82	32
UT3N	"	78,667	438	20	61	16
(OP: UT3NK)						
UW6E	AA	1,656,449	1668	87	268	112
(OP: UR6EA)						
UT4LW	"	1,487,200	1889	76	249	75
UX1VT	"	764,181	1155	70	212	59
UT8EL	"	369,954	572	65	202	39
UT7IY	"	336,336	600	58	182	24
UT8IM	"	286,044	591	45	160	37
UR5LAM	"	235,961	609	41	154	14
UT2IO	"	125,304	341	39	136	9
UY8IF	"	94,990	287	37	106	18
UZ5Q	"	59,736	194	39	96	17
(OP: UV5OZ)						
UX8IW	"	36,972	164	26	90	1
EO3Q	"	29,391	148	22	65	10
(OP: UR3OCW)						
UT4ULP	"	22,230	136	24	84	6
UW3HM	"	19,929	112	20	63	8
UT3SQ	"	6,322	58	18	40	15
UT7UA	"	4,050	49	12	27	6
UT3WM	"	1,845	30	13	24	4
UR5IHQ	21A	250	12	3	7	0
UR4CU	7A	12,015	138	6	38	1
UT8IK	3.5A	9,389	129	7	34	0
UZ4U	"	4	1	1	0	0
Vienna Intl. Center						
*U1A	A	638,280	874	72	188	69
(OP: HB9RB)						
Wales						
*GW0ARK	A	17,336	92	23	50	15
*GW4TSG	7	1,176	28	4	17	0
GW0A	AA	980,312	961	73	236	124
(OP: GW4KA)						
GW4BKG	7A	27,730	233	10	37	12
*MW9W	AA	1,029,784	1173	10	214	105
(OP: GW0KRL)						
*MW0CRI	"	295,176	534	56	130	65
OCEANIA						
Australia						
VK3JA	A	439,593	691	56	129	46
VK3SWK	"	403,788	650	60	118	50
VK4ACN	"	204,568	419	58	86	38
VK2RT	"	54,495	201	31	56	18
VK2PN	"	43,860	198	29	46	10
VK7BO	"	21,141	100	31	42	14
VK4SN	21	159,537	541	24	53	30
VK3GK	"	9,114	68	17	25	7
VK4AFU	7	8,856	69	14	26	14
*VK4ZP	A	42,444	154	34	53	21
*VK3YV	"	29,478	110	29	42	31
*VK2GR	"	26,928	114	26	38	35
*VK4XU	"	11,224	72	22	36	3
*VK3FL	"	9,815	65	24	35	6
*VK3TX	14	11,780	90	17	33	10
VK4QH	AA	9,636	109	14	15	4
VK4BRT	14A	67,221	259	21	54	22
*VK2BNG	AA	5,073	51	21	29	7
*VK4FJ	26A	1,360	48	5	5	0
*VK3FN	7A	2,680	32	12	12	11
East Malaysia						
*9W6EZ	28	1,521	57	4	5	0
*9M8DEN	AA	55,692	231	27	62	2
Fiji						
3D2AG	A	285,800	525	51	72	77
Guam						
*KH2INC	A	12,015	134	19	25	1
(OP: KH2ZZ)						
NH2DX	28A	1,848	57	5	6	0
(OP: KG6DX)						
Hawaii						
KH6ZM	A	1,646,277	1453	82	145	166
KH6TU	"	960,400	972	82	130	131
(OP: ADGE)						
*KH6CJ	A	462,510	599	67	95	108
*KH6AQ	14	10,944	93	14	17	26
*KH6OO	AA	1,767	24	12	10	9
Indonesia						
YB2MM	A					

*CE1WGM28A	1,073	26	9	13	7
*CE3BN 14A	8,505	72	8	7	30
Colombia					
*HK4NDF A	26,658	125	35	59	42
*HK3VHZ *	2,288	43	24	33	10
*HK3PMC 21	62,370	319	16	47	42
*HK3JUB 14	209,188	650	22	51	51
*HJ3LAM 21A	26,880	178	13	19	36
Ecuador					
*HC1JQ 21	154,819	456	20	51	48
Peru					
*OA4AI A	1,053,744	1057	70	151	127
Suriname					
*PZ5RA A	1,280,777	1284	56	160	131
Trinidad & Tobago					
*9Z4GS A	222,888	383	40	107	75
Uruguay					
CV7S 21	551,645	1227	26	76	53
(OP: CX7SS)					
*CX2DK A	1,039,711	993	71	169	127
*CX2AQ 28	41,634	179	16	38	27
Venezuela					
*YV5KAJ 21	5,670	62	13	24	8
*YV4ABR 14	269,376	684	23	63	52
*YV5AEP 7	8,232	60	8	31	10
*YV6BX AA	31,968	107	28	44	39
*AM1W 21A	108,752	355	19	49	44
(OP: YV1SW)					
GRP					
K2YG A	302,365	533	42	131	92
RN6A *	245,916	486	58	148	37
OK7CM *	221,914	375	55	124	63
EA1GT *	151,787	390	40	117	32
(OP: EA1GT/GRP)					
YC0VM *	138,502	374	34	85	28
HG6C *	128,304	349	45	125	28
SP4LVK *	109,051	306	37	97	33
SOZU *	107,880	302	34	116	24
(OP: SP2UUU)					
LZ7K *	97,882	290	35	108	24
(OP: LZ3ZW)					
W6QU *	93,854	271	47	73	78
(OP: W8QZA)					
JH7UJU *	86,718	222	49	69	31
AA8OY *	84,527	256	31	81	69
RT4W *	72,688	238	37	109	2
UT1AM *	72,380	277	33	106	1
EW8G *	72,078	301	24	91	8
SP7SMF *	51,745	197	34	85	9
R31BT *	46,731	210	26	82	3
RV3DBK *	42,594	227	17	76	0
K9VIC *	40,040	175	23	51	56
SO3O *	37,536	214	22	70	4
AA5KD *	33,480	177	25	39	60
EA4U *	31,008	163	20	76	0
G4FPA *	29,886	130	21	56	25
IK3BVD *	28,980	128	25	71	9
G2B *	26,635	188	15	54	14
(OP: GBVVY)					
N7RCS *	27,999	149	34	66	53
4Z4DX *	26,394	123	21	62	0
PA0AWH *	25,009	144	17	62	10
DG0AM *	23,435	112	30	65	14
EE2A *	23,278	112	25	68	1
(OP: EA2SN)					
EA5EX *	20,140	158	16	60	0
NLURE *	18,090	107	20	44	26
DL1FCU *	13,875	94	19	44	12
YO4AAC *	12,420	92	18	42	0
W4ER *	11,919	102	17	25	45
YB6JAK *	10,971	89	24	45	0
DL2BIS *	10,855	88	18	45	2
YD6GRO *	10,147	100	22	51	0
LC0X *	6,095	55	12	38	3
(OP: LB3RE)					
OK9ZAM *	5,152	60	15	28	3
EA3F *	3,402	35	11	16	15
R5FU *	2,720	50	8	24	0
DJ9GT *	1,675	42	12	11	2
YR1JGG *	1,574	48	13	19	0
NP9F *	774	19	8	10	0
N7J1 *	754	20	8	7	14
DG7EAO *	506	22	6	16	0
KI0G *	243	20	6	5	16
IS189FHVP *	220	17	8	14	0
(OP: IS189FHVP)					
YB3BAR *	2	1	1	1	0
CO8EC *	702	21	5	8	0
YO8WW *	385	12	5	6	0
TA1BM *	180	7	4	5	0
OK1LV *	126	5	4	5	0
UA3QJL 21	58,998	286	24	64	10
R7RBE *	56,183	244	22	51	24
JE1CAC *	15,989	101	18	37	4
WB5EZ *	15,624	104	13	40	0
KD9MS *	14,825	85	15	46	4
DL2TM *	14,219	93	16	24	19
JR1NKN *	12,636	99	17	27	8
7N4WPP *	9,552	72	17	20	11
YB1WCK *	5,676	60	14	28	1
IT9GAK/2 *	5,232	55	15	23	10
JRTV *	5,228	58	16	8	8
UX3XOM *	3,264	30	12	22	0
PY2GTA *	3,069	41	10	14	9
JR2EKO *	2,002	29	12	13	1
GM0HVS *	720	23	5	11	0
SY9DOK *	493	14	5	11	1
DJ4DXT *	488	13	7	11	0
YO4BEW *	207	10	2	4	3
SP8MCO *	189	11	5	4	0
M0HJM *	24	3	1	3	0
DU7OK *	8	14	1	1	0
H3AA 14	32,042	184	10	35	29
YU1RH *	26,880	182	14	42	14
UX4CR *	15,552	145	10	39	5
XZ8ZA *	14,832	173	9	39	0
HAG9K *	11,150	128	11	34	5
I2BPP *	6,030	69	11	30	4
DJ3HW *	5,428	55	10	24	12
M4C *	5,207	78	9	29	3
(OP: G0FCT)					
LZ1MC *	4,716	61	8	28	0
UB4FB *	2,550	46	6	28	0
SP9RQH *	1,827	32	8	21	0

R7MU *	966	20	4	13	4
LY2BP *	840	26	5	14	1
EA3FHP *	765	24	4	13	0
N1GDD *	306	18	5	3	9
YB2GV *	187	9	5	6	0
YL3PW 7	49,294	339	11	59	43
LV5G *	38,982	273	14	53	6
SV3IBP *	21,373	178	14	45	8
IZ8IFL *	12,672	157	8	40	0
4F3OM *	11,052	138	11	16	9
LZ3RR *	6,786	89	7	32	0
EZ0WXA *	4,012	54	12	19	3
H47ME *	3,804	55	7	26	1
W116 *	2,812	52	5	15	20
W2VTV *	2,730	54	5	15	25
DJ0MA *	1,380	43	3	17	0
UR3ABM *	1,029	27	3	18	0
HB9IQB *	798	23	3	16	0
YB2CTE *	741	50	7	10	2
WB5EH *	289	14	4	4	9
OH5LAQ *	240	10	4	8	0
(OP: OH5CW)					
9W2HXP *	144	9	3	5	0
ON3DI 3.5	33,176	329	6	43	3
SN0E *	11,685	154	5	36	0
(OP: SO800)					
OH5CW *	240	10	4	8	0
YU1A AA	237,978	531	45	139	42
(OP: YU1LM)					
DL6ZBN *	204,750	322	61	141	71
JA4XHF/3 *	106,132	247	54	89	26
PE2K *	97,350	366	30	90	30
PC2F *	77,322	247	29	94	24
UN8PT *	52,020	203	28	73	1
HA1WD *	17,384	99	20	49	13
HA5QB *	14,652	96	18	45	11
YB2NDX *	8,892	89	21	33	3
K8ZT *	8,190	56	20	32	18
HA2ZB *	3,774	55	11	26	0
BG5GDP *	6	1	1	1	0
JH8DMQ 28A	324	16	5	7	0
5H1IP 21A	65,850	240	20	53	28
(OP: HA3JB)					
IZ3NVR *	20,748	127	21	34	21
HA3HX *	19,389	110	17	26	26
KI0U *	8,550	65	15	37	5
E73AA *	5,343	56	12	16	11
KI8VPQ *	5,106	49	17	18	2
IZ8DFD *	2,990	35	17	24	5
YC3GFN *	2,088	40	10	26	0
K2TW *	1,988	30	14	14	10
ZL3TE *	1,722	31	8	7	6
FAGGQ 14A	182,905	483	27	81	49
JG1LFR *	22,242	131	19	34	13
G4ENZ *	21,672	98	12	40	32
P58CW *	6,624	60	10	21	17
SP4TKR 7A	55,074	442	11	56	0
K2JUP *	3,040	50	3	21	0
IZ2OKG *	1,982	50	3	21	0
FI4KK 3.5A	42,245	298	8	48	15
OK1HMP *	15,781	198	5	38	0
G5Q *	5,980	80	7	31	2
(OP: G3SVL)					
V31HQ *	132	6	4	4	4
ROOKIE					
United States					
District 2					
*N2EPE	2,870	47	7	14	20
District 3					
*W3MAM	392,173	653	53	137	99
(OP: EA2SN)					
District 4					
KN4PHS	68,297	195	44	86	33
*W4SSF	219,604	405	48	131	78
District 5					
*K5OYC	32,544	203	32	50	62
District 6					
*KN6MYI	672	18	5	10	9
District 9					
*KD9NYE	16,580	76	28	46	16
Panama					
HP1ELV	20,445	125	24	22	41
AFRICA					
South Africa					
*ZS6HI	9,633	61	14	43	0
ASIA					
Asiatic Russia					
District 0					
*UB0AZR	51,615	185	28	83	0
Israel					
*AX6FB	510	11	6	11	0
Japan					
District 1					
JK1BAB	216	9	4	8	0
District 6					
*JS6UGC	5,750	61	20	21	5
Thailand					
*HS1OLQ	28,476	151	26	54	4
*E20TWR	779	20	9	10	0
EUROPE					
Bosnia-Herzegovina					
*E73DAR	98,404	336	34	97	15
Crete					
*SY9DOK	525	16	7	13	1
Croatia					
*9A3LET	22,922	126	20	44	14
*9A3AAW	17,010	77	30	46	14
*9A3BFP	4,797	73	10	29	0
*9A3RPT	1,239	34	7	14	0
England					
*2E1LSI	36,450	194	13	38	30
*M7TCC	112	7	2	6	0

European Russia					
District 3					
*RZ3DZ	140	7	3	7	0
European Russia					
District 0					
*RZ6D	146,880	489	33	117	10
*RD6KQ	1,088	33	4	12	0
*R7RBE	56,163	244	22	51	24
Germany					
*DO4DAN	154,870	433	38	95	42
*DOSUN	17,958	91	18	29	26
*DJ0MA	1,380	43	3	17	0
Greece					
*SV3SPC	61,686	250	30	94	14
Ireland					
*E18KW	46,800	189	25	80	12
Italy					
*IZ1GLX	6,596	119	7	27	0
Netherlands					
*PD0GTO	21,251	139	17	51	11
Norway					
*LB6VI	87,780	325	24	88	21
Scotland					
*2M2SVM	10,927	117	11	38	0
Spain					
*EA4HKF	223,958	477	47	156	35
*EA2ESB	128,760	412	25	86	37
*EA2VE	4,350	41	15	21	14
OCEANIA					
Australia					
VK3SWK	403,788	650	60	118	50
Indonesia					
YF3FZR	11,016	89	14	40	0
*YB1RKT	96,380	252	43	99	16
*YD2UWF	74,033	274	31	67	3
*YD1EQX	37,721	230	18	48	0
*YD4SIZ	22,265	162	18	43	0
*YD9AAI	19,234	143	18	32	9
*YD3BBD	15,224	136	13	31	0
*YD8MUZ	13,536	165	14	20	13
*YD8IKU	3,996	63			

Puerto Rico			
*NP3V	35,640	144	26 41 53
U.S. Virgin Islands			
*KP2DX	309,160	506	47 128 87 (OP: KP2BH)
AFRICA			
Canary Islands			
*EA8BQM	313,985	447	45 133 71
ASIA			
Asiatic Russia			
District 9			
RG9A	1,895,030	1780	87 282 56
*RZ9AD	85,285	412	21 63 1
District 0			
RD0A	488,796	742	59 157 37
*R0A0JG	28,684	197	28 38 5
*RC0AJ	4,515	50	11 24 0
China			
*BG8PM	24,264	133	24 46 2
Cyprus			
*P3AA	881,775	1089	44 161 76 (OP: RN3QO)
Japan			
District 1			
JA1XRA	189,108	333	59 104 41
JH1CTV	116,388	278	50 95 14
JA1QOW	78,165	203	39 67 29
JF1UOW	3,104	35	9 19 4
JK1UUV	513	15	7 8 4
*JS1KYK	222,144	389	67 113 28
*JJ1KZZ	53,928	158	41 63 22
*JA1ATM	27,824	114	32 54 8
*JA1IE	20,657	100	34 45 12
*JG1SWV	7,923	51	20 28 9
*JA1GZK	5,566	18	18 13
*JA1OHP	6,063	52	22 22 3
*JF1WCK	5,300	43	23 29 1
*JHD0U/G1	4,416	50	19 22 5
*JA1JNM	1,224	18	8 12 4
*JQ1PCT	40	3	2 2 1
*7N4WPF	21,225	101	25 29 21
District 2			
JR2ALA	2,754	34	12 19 3
*JZ2BOM	29,545	120	37 51 7
*JQ2XYK	4,116	36	18 24 0
District 3			
JR3RIU	88,830	242	46 73 22
JR3BOT	44,974	147	34 57 22
JR3UBR	9,504	60	31 37 4
*JN3TST	35,510	124	34 66 7
*JES3AT	23,808	107	35 54 7
*JR3GPP	19,096	86	29 40 8
District 4			
*JH4UTP	277,536	485	64 132 40
*JH4FUF	10,550	78	16 31 3
District 6			
JA6BZI	430,700	523	81 164 50
JR6IKD	5,967	65	13 26 0
JR6IKJ	954	22	9 10 0
*JA6BCV	15,309	89	19 39 5
*JH6SCA	260	8	5 5 3
District 7			
JG7AMD	474,874	616	73 158 52
JA7VEI	36,725	112	34 55 24
*JA7MWC	38,016	136	43 57 8
District 8			
*JM8FEI	50,740	193	41 62 15
*JEB8KX	875	13	10 13 2
District 9			
JA9RRH	32,336	125	27 40 27
*JA9EJG	1,378	21	12 13 1
District 0			
*JH0MUC	16,492	81	27 46 3
Kazakhstan			
*UP7L	738,514	1137	56 164 18 (OP: UN6LN)
Lebanon			
*OD5ZF	45,764	236	12 48 8
Thailand			
E25KAE	170,185	638	23 68 10
HS18IARU	23,498	156	15 42 5 (OP: E21EIC)
EUROPE			
Austria			
*OE5FDM	11,388	105	10 37 5
Belarus			
EV1R	548,282	895	59 219 19
*EW8OO	14,895	189	6 39 0
Belgium			
EU4E	752,332	861	77 207 104
EU1DX	464,968	628	78 190 54
EW8Z	240,397	674	34 119 26
EW9OM	115,596	377	36 111 9
*EW1NM	77,558	283	30 93 15
*EW1P	62,370	177	41 92 21
Bosnia-Herzegovina			
*E78AX	55,360	383	13 42 25
Bulgaria			
*LZ9QE	471,435	828	55 152 58
*LZ2HT	90,900	308	36 96 18
Croatia			
*9A8A	1,606	32	7 15 0

Czech Republic			
OK2EQ	302,165	509	59 158 54
*OK1PMA	380,930	630	49 149 67
*OK1CLD	49,192	178	31 41 32
*OK7NV	15,300	175	7 37 1
*OK1DAR	5,214	80	6 27 0
*OK1LV	551	10	7 8 4
England			
G3T	372,048	607	54 155 67 (OP: G3VQZ)
G9D	1,702	32	9 14 0 (OP: G6NHU)
*G0C	49,595	220	19 42 30 (OP: G0CER)
*G1P	43,896	375	10 43 9 (OP: MOIEP)
*G4ZOB	39,280	235	13 49 18
*G3Y	33,072	195	11 40 27 (OP: G3BYB)
*M5W	29,670	210	9 48 12 (OP: MOHML)
*G4KIV	24,455	158	13 27 27
*G8AFN	18,334	99	21 49 19
*G1FHB	2,790	71	5 26 0
*G6MXL	700	19	6 12 2
*G2B	28,635	188	15 54 14 (OP: G8VYV)
*M4C	5,207	78	9 29 3 (OP: GOFCT)
Estonia			
ES4RD	166,950	765	21 64 20
European Russia			
District 1			
*UA1AOS	195,564	574	37 125 10
*RX1AG	22,320	156	17 47 8
District 3			
R2ATC	172,368	462	42 147 0
R1LC	48,925	200	23 53 27
*RU6J	197,472	486	48 144 12
*RSACQ	140,768	402	36 118 12
*RV3Z	123,250	349	41 120 9
*RN5AA	122,472	369	35 121 12
*RX3VF	89,958	327	30 109 2
*R3AI	45,156	158	34 91 17
*RA3V	39,911	226	23 84 0
District 4			
*RA4FUN	300,144	620	54 144 24
*R4WZ	41,265	190	27 75 3
*UA4SBZ	14,874	103	18 56 0
District 6			
*RU6YK	21,730	126	20 54 8
*R7MT	12,144	122	10 37 1
*UA6HLN	9,752	97	14 39 0
District 9			
R9FE	27,224	171	16 67 0
*R9FBT	125,560	388	34 134 4
Finland			
OH5VT	113,364	278	43 124 21
OG4X	107,819	359	34 98 5 (OP: OH1MA)
*OH1SIC	245,244	557	41 151 22 (OP: SM5SIC)
*OH2LU	32,656	143	23 64 17
*OH4KA	560	18	4 12 0
France			
FS1BL	7,614	94	10 37 0
*F4IRV	67,635	226	29 81 25
Germany			
DO1P	489,022	643	69 174 80
DK1FDL	221,520	493	45 118 45
DL14BR	133,179	321	45 105 43
DL2SWW	86,112	271	35 78 31
DJ5TT	49,368	400	10 46 12
*DJ1OJ	32,424	203	19 58 7
DK1KC	407,583	657	59 170 64
*DL8JLF	387,810	658	53 158 67
*DL8JLF	301,840	694	43 142 35
*DG2BWG	181,113	377	42 127 50
*DK9B	123,930	346	37 113 20
*DK2WH	95,795	284	36 102 23
*DK2WU	89,585	295	27 58 30
*DK2WU	63,075	191	36 89 20
*DL3KUD	46,492	194	30 70 18
*DM2DLG	25,600	205	12 49 13
*DL3ZAJ	24,684	132	24 65 13
*DL0RD	19,800	107	24 47 17
*DL5IF	19,698	109	15 26 26 (OP: DL3CQ)
*DK1LRS	16,200	96	22 52 7
*DL3AS	5,452	53	16 31 0
*DL9TU	4,959	46	19 27 11
*DK2AK	3,672	51	8 27 1
*DK0BM	3,094	41	10 24 0
*DM3AW	2,844	52	10 26 0 (OP: DK7CH)
*DM9HK	2,312	29	9 19 6
*DH8BQA	1,530	26	14 20 0
*DJ3HW	108	5	4 4 1
*SV3SKM	5,428	55	10 24 12
*SV7CJD			
*SV2CJL			
Greece			
*SV3SKM	32,144	165	19 35 28
*SV7CJD	6,435	47	18 25 12
*SV2CJL	120	7	5 7 0
Guernsey			
*GU0SUP	44,954	195	18 41 32
Hungary			
*HA0GK	11,150	128	11 34 5
Ireland			
*EI3CTB	23,460	104	21 51 30
Italy			
IV3SKB	878,080	1100	68 142 110
IV3AVQ	601,880	818	65 183 80
IC8SQS	291,280	731	51 169 0
IK1BPL	249,755	476	44 127 68
IK4GNI	248,671	736	29 72 46

IC8FJX	190,376	468	44 136 32
IV3KWW	172,890	505	38 125 7
IK2AHB	170,980	351	36 116 54
I3FGX	95,893	291	29 70 34
I23KUY	37,177	172	27 76 10
IV3NJV	36,540	159	31 74 21
IK2IKW	29,659	115	33 68 10
IU3SS	23,600	161	19 60 1
IK0PCJ	6,042	41	18 23 12
IK8GYS	1,200	21	11 16 3
*IK2BUF	491,130	670	61 186 74
*IK1JJM	473,600	679	55 166 75
*IK1RGK	346,610	620	46 119 88
*IU4JP	279,908	496	46 142 66
*IK3AES	157,488	347	44 106 43
*IK4EGX	132,704	292	34 57 85
*IW1PNJ	131,334	553	19 69 30
*I24YAB	119,756	318	34 124 24
*IU4HMY	114,009	279	42 96 45
*IW3IOD	96,730	259	41 97 32
*IK2VOT	86,344	206	39 87 46
*IK0REP	82,618	412	16 60 25
*IK8ARF	82,164	240	37 86 41
*IW1CBG	51,992	196	30 88 16
*IW6PWC	48,363	153	33 80 28
*I1DXD	46,512	159	34 101 1
*I23XNA	42,024	164	28 45 29
*I28FPK	37,835	162	27 68 22
*I28CQM	36,905	109	37 51 33
*IW1CQJ	30,709	142	19 70 18
*I2BZN	23,229	154	15 71 1
*IWORLC	22,500	106	28 54 18
*I28BFV	19,096	106	27 54 7
*IK2UEX	10,080	115	10 32 3
*IN3EYI	6,795	83	11 34 0
*IK2YSJ	5,335	64	13 42 0
*IW2JRV	5,074	66	9 27 7
*IK3ODD	2,889	62	4 23 0
*I23ALL	2,135	32	11 19 5
*IK3ZBM	1,890	30	10 19 1
*I2XVY	1,612	31	11 19 1
*IW8RFH	1,053	25	8 19 0
*I5I89HFH/P	2,220	17	8 14 0 (OP: I5I89HFH/P)
Latvia			
YL2CI	166,798	811	24 73 1
*YL2NK	151,905	386	48 129 18
*YL3GAZ	101,736	490	18 87 3
*YL2QG	29,998	294	8 44 1
Lithuania			
LY2PAD	192,672	423	47 130 39
*LY5T	419,720	716	58 174 48
Netherlands			
PA0AWH	73,984	262	26 82 28
*PA0AWH	25,009	144	17 62 10
North Macedonia			
*Z32U	56,870	220	28 83 10
*Z33F	25,016	239	7 46 0
*Z35Z	14,880	108	15 31 14
*Z33YL	9,240	127	9 35 0
Northern Ireland			
M5K	134,805	673	14 53 28 (OP: M5SLE)
*G1GKI	115,634	268	38 77 84
*MIOH	100,775	346	24 103 18 (OP: MIOKOA)
Norway			
*LA5LJA	538,020	796	64 184 57
*LA8OKA</			

**MULTI-OPERATOR
SINGLE TRANSMITTER
NORTH AMERICA**

United States			
District 1			
KT11	404,746	715	52 144 118
*W1QK	1,098,846	1244	64 198 137
District 3			
K9RS	2,774,190	2081	109 308 172
K3AJ	1,849,230	1710	84 249 153
WS2GD	489,700	721	63 157 85
K000	92,017	274	39 74 54
District 4			
AD4ES	2,181,270	2209	86 225 159
W4MLB	1,016,500	1472	66 172 142
*WV4LL	1,526,096	1654	84 236 144
*KT3T	176,436	380	41 112 81
*K4MM	30,024	151	20 49 39
*KB4C	2,695	49	16 21 18
District 5			
NA5NN	1,938,608	1813	91 260 181
K5RZA	1,919,644	1961	100 264 184
District 7			
NA7TB	1,956,771	1992	104 248 177
K7BTW	1,128,701	1552	85 177 159
K7E	683,721	1046	73 149 145
KZ1W	518,980	798	67 139 131
WW7E	436,500	771	62 119 119
AB7HP	8,568	79	16 37 10
District 9			
NV9L	2,953,104	2261	105 285 174
K9Y	1,470,160	1462	84 230 146
*K9NR	937,335	1105	78 202 120
*N9SJ	278,300	477	53 141 81
District 0			
*AE0EE	2,065	34	9 13 13
Belize			
*V31MA	1,031,680	1129	68 168 167
Canada			
District 5			
VE5RI	143,577	486	22 63 44
Canada			
District 7			
VA7DX	1,413,152	1505	74 168 174
VE7SAR	435,088	762	56 102 126

*NP4DX	Puerto Rico	3,448,858	2437	101 296 205
AFRICA				
Madeira Islands				
CR3DX	9,826,882	4457	132 409 213	
ASIA				
Asiatic Turkey				
*TC3N	1,093,554	1283	57 161 79	
China				
*BH2RO	68,640	317	36 60 8	
Georgia				
4L0G	1,588,138	1753	68 214 49	
Japan				
District 1				
JA1ZGO	354,342	624	63 123 33	
*JS1YDX	42,594	169	34 42 17	
District 2				
*JK2VOC	60,500	193	41 74 6	
Mongolia				
JT5DX	1,507,043	1871	74 210 47	
West Malaysia				
9M4CPS	48,060	235	31 57 2	
*9M2S	627	26	5 6 0	
EUROPE				
Austria				
OE9R	1,517,940	1575	76 196 133	
Bulgaria				
LZ7A	1,584,660	1606	90 264 108	
Croatia				
*9A7T	1,560,244	1220	103 295 143	
Czech Republic				
OK6Z	4,893,495	2901	126 380 189	
OK1KSL	2,086,403	1864	84 250 139	
*OK1RPL	188,125	455	42 133 40	
England				
G2L	336,377	515	51 124 88	
European Russia				
District 3				
RK3DXW	455,184	822	62 178 21	

OG66X	Finland	3,278,558	2876	102 303 137
OH8F	1,646,172	1871	82 230 84	
OF3AD	564,692	881	63 173 80	
France				
TM1D	395,560	557	62 185 63	
F5UTN	285,360	493	42 88 102	
F8KCF	234,520	424	39 83 83	
*TM6V	793,500	978	70 205 100	
Germany				
DQ2C	3,584,472	2293	122 345 174	
DQ9Y	2,181,652	1667	103 302 149	
DLQMLF	1,222,848	1311	75 215 106	
DP6K	507,975	771	63 196 66	
DK0IU	13,650	87	19 43 16	
*DD1A	2,150,280	1668	101 289 150	
*DQ4W	1,056,528	1249	76 232 106	
*DLOABT	8,375	63	19 42 6	
*DLOGMH	117	6	4 5 0	
HG7T	Hungary	4,555,187	2938	123 360 154
EI7M	Ireland	5,416,624	3181	123 364 201
Italy				
IQ6AN	4,133,660	3069	101 345 134	
IQ3PN	461,340	975	44 148 41	
*IQ3RK	1,254,836	1458	74 272 72	
Lithuania				
*LY5W	632,466	746	75 214 80	
Netherlands				
PI4RS	27,520	161	21 65 0	
*PI4CG	1,065,798	1249	70 206 111	
Poland				
SO4M	4,529,616	2863	121 368 174	
SP8R	3,647,811	2372	120 353 158	
SP3KRE	94,227	329	31 100 16	
*CS5CRE	Portugal	2,077,201	1978	76 239 154
Romania				
YO3GNF	384,500	709	50 159 41	
*YO4KAK	4,240	48	13 27 0	
Sardinia				
IQ0ID	45,982	266	16 47 20	
Serbia				
YU5R	4,068,240	2453	124 363 173	

*IT9BLB	Sicily	3,419,808	2140	123 373 176
Slovak Republic				
OM5M	2,632,260	1919	112 317 141	
*OM3KSI	17,680	133	14 39 12	
Slovenia				
*S5730ZT	315,768	673	43 143 37	
Spain				
ED1R	4,030,896	2736	113 349 170	
EA1AP	42,925	257	12 33 30	
*ED7B	3,249,190	2348	104 312 178	
*ED3M	810,704	975	69 203 96	
*ED3D	105,570	347	33 84 36	
Sweden				
SB7A	336,279	875	34 130 33	
Ukraine				
UW6U	581,445	1009	61 176 58	
UR4PWC	20,582	144	21 55 6	
*UW7W	953,964	1045	76 221 99	
Wales				
MW2I	2,313,948	2078	87 256 146	
OCEANIA				
Australia				
VK5ARG	1,022,801	1016	87 192 98	
East Malaysia				
*9M4CRP	1,725	34	10 13 0	
Indonesia				
7C7B	18,711	170	21 35 7	
*YB9DE	414,502	743	62 131 34	
*71A	128,646	407	35 84 7	
Philippines				
*4D3X	721,688	1128	66 142 28	
*DX3EVM	70,305	323	39 67 3	
*DX2EVM	363	17	5 6 0	

SOUTH AMERICA				
Uruguay				
CX5A	77,900	317	18 45 37	
MULTI-OPERATOR TWO-TRANSMITTER				
UNITED STATES				
K9CT	6,007,650	4175	115 335 212	
NJ4P	3,962,750	3150	106 300 189	
W2YK	2,432,905	2574	97 214 180	
W0LSD	2,335,073	2254	96 258 179	
N3DPB	1,352,078	1298	85 257 152	
K5GDX	946,352	1237	77 189 152	
N2PA	914,602	1388	60 177 140	
K3CCR	542,370	688	60 196 102	
K3ODX	58,380	181	34 90 16	
W7DK	41,679	192	23 37 39	
NORTH AMERICA				
VE7SZ	2,601,648	2241	92 218 194	
EUROPE				
PI4COM	6,491,463	3786	119 377 191	
S59W	5,399,367	3697	115 327 175	
S51A	4,181,400	3155	111 328 161	
UA4M	3,937,939	3201	113 312 116	
UW5Y	3,496,784	2655	108 299 155	
I3VRD	3,016,548	2502	102 281 144	
C37NL	2,081,684	2250	69 219 128	
IK4DCX	1,653,700	1529	90 251 119	
OU2PA	1,151,425	1391	79 216 100	

MULTI-OPERATOR MULTI-TRANSMITTER				
UNITED STATES				
K1SFA	6,542,960	4325	116 342 222	
W3GH	3,127,210	2836	89 277 169	
N6WM	3,002,230	2803	106 253 198	
AFRICA				
CR3W	8,612,476	4690	111 337 193	
ASIA				
VR2CC	899,821	1521	71 148 28	
EUROPE				
9A1A	10,038,617	5556	136 414 201	
DP7D	6,458,526	4017	124 362 183	
PI4CC	5,188,967	3624	112 345 166	
UZ2I	3,582,525	3059	110 328 117	
SP9KAO	28,348	204	17 51 8	
OCEANIA				
7E3E	1,232	22	10 17 1	

CHECK LOGS				
3V8SS, 6E0CC, 7L410U, AA6MK, AB5XM, AC4PQ, A64FO, CE3NS, CM2DAH, CQ21P, CQ2VK, CO8RPC, CT1EGF, DB2ZJ, DG3DJ, DG7NFX, DK0RPO, DL1DXF, DL7UGO, DM4JK, E73ELS, E77C, EA3TB, EA5FSJ, EA5XC, EA7ELY, EA7P, EB1ADD, ED8M, ER3DX, F4AIF, F5LMJ, F6HBR, GM6DX, HA3OU, HK4ZZ, IK0ALT, IK2SAU, IK2WAD, IK3QAR, IK40MU, IQ2CJ, IS0/IK2FDV, IU2C1Q, IV3FPX, IV31PS, IZ0KBR, JASFNX, JETLHT, JF1CKO, JFSYME, JG70QA, JG2LHB, K1DCT, K2FD, KA2MGE, KC2GOW, KD7WNV, KE3GK, KW1DX, LB2EG, LU1DZ, LU7DW, LZ1YF, N6HI, N7GFB, N8HHG, OK1FAK, OK2PAD, OK4MM, OM5NA, PA3DZM, PA3I, PF7DKW, PU2VLW, PU4YJS, R2PA, R4AJ, R7JM, R3JI, S52W, SM5OSZ, SN2M, SP1HN, SP2MKT, SP9CVY, SP9DNO, SP9GKJ, SQ8L, SQ9ANS, SV1GRB, SV1PMO, SV3DCX, SZ1A, URSXMM, UT7UX, UW7CN, W6INO, W6SY, W6YA, W8YA, WA3FRP, WA7YAZ, WBOKGN, XE1CL, YB1BX, YC1JBV, YC1JGE, YC5YDD, YC7WHE, YC8MGN, YQ2DFA, YQ3DAC, YQ4BTB, YU7OPQ, ZD7BG				

Looking Ahead In CQ:

Here are some of the articles we're working on for upcoming issues of CQ:

- SSB Results: 2021 CQ World Wide DX Contest
- Who Really Invented Morse Code?
- CAD Simulation of Choke Baluns
- Automatic Battery Discharge Tester
- ...and of course...

- Professor Heisseluft

Upcoming Special Issues

- June:** Take it to the Field
- October:** Emergency Comm.
- December:** Technology

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