

Number groups after calls denote score, total QSOs, WVE multiplier, countries worked. Total multiplier is the addition of the WVE and countries. Multi-op scores follow single-op listings. An asterisk (*) denotes low power. State, province, and country certificate winners are listed in bold.

2022 CW RESULTS

SINGLE OPERATOR			
NORTH AMERICA			
UNITED STATES			
CONNECTICUT			
W1WEF	214,020	820	55 35
K1KI	168,720	501	47 33
*W1QK	88,788	569	50 14
W1JO	48,557	303	45 3
W1EG	48,265	326	35 2
W2TT	39,572	325	45 7
W3SM	19,266	206	36 2
*ND1X	10,767	119	32 5
W1UX	2,163	40	19 2
MAINE			
K1WHS	99,875	338	44 37
*WW1ME	24,863	191	35 12
*N1UD	2,567	56	17 0
MASSACHUSETTS			
K5ZD	363,630	834	54 48
NB1N	43,707	329	42 9
KB10IO	35,255	233	43 12
W1HNZ	39,326	38	10
*N1DM	5,943	119	21 0
*KA1ULN	2,664	68	18 0
*N1YL	2,352	41	21 0
*WD1S	33	4	3 0
NEW HAMPSHIRE			
K1DG	110,629	38	25
*KN1H	11,036	142	29 2
*KG1V	756	30	9 0
RHODE ISLAND			
*K1MD	42,408	235	37 20
*W1ALAD	5,376	75	27 1
*AB1JV	658	16	14 0
VERMONT			
N1UR	460,358	1042	56 50
K21K	35,856	297	43 5
*NA1VT	850	19	13 0
NEW JERSEY			
W2OIB	694	406	52 17
K2MTG	22,356	201	44 2
*W2OY	12,250	137	30 5
AF2F	11,696	141	32 2
*W2CLA	1,079	34	13 0
NEW YORK			
AB3CX	492,924	1186	59 50
WF2W	418,738	1194	58 44
N2MF	386,950	1004	57 52
W2XL	279,651	915	58 35
WS9M	271,557	743	55 44
K2NV	157,638	668	56 30
NS2N	106,344	399	54 30
*AA2EQ	78,204	594	50 7
*W2LC	53,812	343	50 12
*WA2JQK	49,152	309	49 15
W2TB	44,715	334	46 9
KM2L	39,294	231	43 16
*N1NQD	33,000	253	40 10
*K2QB	21,698	242	38 0
*N2RI	19,851	214	38 1
W2WK	16,836	121	40 2
*WA2QAU	5,022	28	8 0
KD2NE	3,816	63	24 0
*KO4GBD	2,128	47	16 0
*WA3AFS	40	5	4 0
DELAWARE			
AA1K	622,908	1341	59 58
*N8NA	12,240	159	34 0
MARYLAND			
K3ZU	287,595	748	58 47
*KD4D	267,498	886	57 42
K3ZO	195,272	809	56 32
K3TC	150,075	605	55 32
W2SC	123,975	669	56 19
NC3Y	101,959	49	5
AA3S	58,440	401	50 10
*WA3FAE	23,650	248	40 3
*N3TE	16,482	161	37 4
*KA3JNN	12,456	138	32 4
KG4USN	11,622	108	32 7
*WK3A	10,812	128	30 4
*W3FA	4,200	72	22 2
*KE3GK	4,200	68	26 2
AK3B	3,712	52	28 1
*KD3CR	2	1	1 0
PENNSYLVANIA			
K3JUL	308,425	902	58 45
W3GN	178,458	754	53 30
W3TS	161,089	852	58 22
N3XZ	42,042	162	42 24
K3SWZ	34,336	239	50 8
*N2EM	32,550	281	46 4
*N2MA	26,850	230	46 4
*K3UA	25,564	250	40 4
K3QIA	11,680	173	36 4
*N3LT	11,088	144	33 5
N3FCP	9,362	127	30 1
*WS3C	9,052	119	30 1
*K3ES	7,260	89	32 1
N3RM	6,200	85	31 0
*KD3HN	6,138	72	31 2
*KN3A	5,330	86	26 0
*WA3WXR	1,296	30	16 0
*KA2VLP	72	6	6 0
ALABAMA			
N4WE	8,917	100	33 4
FLORIDA			
NE8P	58,351	413	46 13

N4EK	45,368	371	42 11
N1ZZ	44,132	303	44 15
*N4TB	40,484	288	47 11
N4BP	37,300	312	39 11
K3SV	31,635	200	44 13
N4UM	31,058	243	43 10
AE2DX	21,850	182	44 6
*NA4O	14,390	147	6
*W4IT	12,714	140	32 7
W57X	9,690	110	35 3
*W3USA	8,505	100	27 8
N4FCG	7,920	97	28 5
W1BQ	7,360	89	33 7
N4PF	5,460	89	26 2
*K6MR	5,365	68	21 8
*K4JLEN	2,800	47	22 3
*W4TJM	2,392	43	21 2
K2DM	1,501	28	15 4
*KO4DN	1,152	26	15 5
*NK4O	522	19	5 4
GEORGIA			
K4UE	183,028	812	57 31
K4BAI	124,800	890	56 19
NE4EI	65,230	534	49 6
W4FW	60,451	420	50 11
AE298	42,598	307	50 9
*N4JVP	24,650	207	43 7
W4ATL	23,712	208	40 8
K4JUE	20,025	200	41 4
*AA4LR	15,817	148	34 3
W4LK	6,790	87	33 2
*N4TOL	6,757	109	29 0
*AA4HG	1,449	36	23 0
*W4EMI	784	25	13 1
*K4CT	507	18	13 0
*KE4QCM	182	13	7 0
KENTUCKY			
K4WW	72,060	517	52 8
*K4WQ	41,136	380	44 4
AB4IQ	25,850	193	47 8
KD4EE	19,737	198	41 2
*KM4FO	6,944	100	30 1
NORTH CAROLINA			
N4XD	417,942	1098	59 48
N4WC	103,818	646	49 17
W4HWD	38,743	297	43 10
N4QM	19,366	176	43 3
K4QPL	10,944	150	31 1
*K4BSK	10,580	145	30 3
N4A4L	9,408	36	3 28
W4JFA	7,548	96	34 0
*AE4Y	5,300	97	23 2
N4GU	2,278	58	17 0
*AD4IE	140	10	7 0
SOUTH CAROLINA			
NN4SS	71,316	484	52 11
*K4FT	55,212	417	50 8
*W4JM	26,571	207	43 8
K7OM	20,081	208	42 1
*WA8OJR	10,923	152	31 2
N17R	10,692	132	33 3
N4UFP	3,612	57	26 2
TENNESSEE			
K4RO	100,396	502	55 21
W4NZ	80,820	594	52 8
AF4T	75,392	497	54 10
W4DAN	52,470	465	50 4
KOEJ	51,559	489	43 4
*N9TF	44,275	358	50 5
KM9P	42,816	388	43 5
*K9PDKR	39,688	260	39 1
K4VIG	22,995	291	35 0
W84YDY	21,624	177	45 6
*K1GU	17,280	213	36 0
AC4G	16,984	162	38 6
*WD4CFN	8,843	103	35 2
W6JB	8,736	126	31 1
*K9DX	6,834	87	32 2
*WD8RYC	2,914	41	29 2
VIRGINIA			
K3ZM	529,405	1146	57 56
W4CB	163,676	807	57 26
W3JP	110,850	607	55 20
K4S	70,070	448	54 11
W4YE	54,117	343	49 14
AD4TJ	48,675	375	48 7
K4ZW	48,654	392	46 4
N4DJ	48,314	448	45 4
WN7S	39,655	308	48 7
*K4ORD	39,432	313	46 4
*W4PJW	31,988	114	43 1
*K2WK	30,130	281	42 4
W4WHQ	26,877	209	43 8
*K4FW	22,632	246	38 3
N4CF	22,126	202	44 2
*K4V	21,758	206	38 5
*K84CG	18,000	217	35 1
W4VG	12,845	155	34 1
*K4HQK	12,780	180	28 2
*K4YCR	11,900	146	32 2
*K44R	8,217	101	32 1
*K7LU	7,770	110	30 0
N8AID	2,580	51	19 1
*K4CY	1,173	30	17 0
*KSOCV	624	18	13 0
ARKANSAS			
W5ZN	259,169	1134	57 32
*N5EE	25,991	245	45 2
*WA5SOG	24,843	222	45 4
*KM5G	9,240	95	39 3
K5FUV	8,697	95	36 3
*W5BHS	5,301	78	29 2
LOUISIANA			
*AA5AU	901	25	16 1
MISSISSIPPI			
WQ5L	64,186	400	54 13
*AB5OR	56,585	473	49 6
N5CW	38,556	340	46 5
*K5XU	2,706	60	20 2
NEW MEXICO			
*WD5COV	120,474	612	55 14
N2IC	104,643	467	52 11
K8OZ	13,920	119	43 5
WOZW	8,904	82	36 6
*NM5S	8,100	98	32 4

OKLAHOMA			
N5OT	169,287	1002	57 16
K5WE	64,380	476	54 6
*N5XE	19,200	169	43 5
TEXAS			
*W6UO	129,646	799	57 14
N5JU	71,052	500	52 10
N5SB	55,950	442	41 6
K5EC	41,536	305	52 7
K5RX	40,238	255	52 10
K5TIA	35,560	268	46 10
*WOTG	30,305	232	48 7
*NN5T	23,716	210	42 7
*K3MT	17,000	147	42 6
*N5JR	15,933	142	41 6
N5M	15,226	148	41 5
N5XJ	14,749	155	41 2
N5AW	12,744	82	47 7
*K5GQ	10,686	121	34 5
*N5KWN	7,718	103	31 3
N5TJ	3,159	51	23 4
*K2DKW	2,511	42	25 2
*KOYA	1,422	3	14 4
*K5SBR	686	20	13 1
*W5BK	612	24	11 1
*K5IX	392	23	7 1
*K5M5MM	320	16	10 0
CALIFORNIA			
K6NA	138,689	544	54 15
N6JV	97,920	491	51 13
W6PH	88,920	485	53 12
*N6RK	80,844	323	43 10
W6JTJ	52,780	331	50 8
N6JF	36,757	201	45 14
W6AYC	34,393	268	46 7
K6NR	28,560	238	43 8
K6TD	27,775	171	45 10
*W7XZ	21,723	186	33 6
N6XI	20,748	207	36 6
W6FKC	14,720	111	38 8
W6GU	6,324	79	24 9
K6G6O	6,110	101	24 2
K6EQR	4,980	107	18 2
*N6LL	4,009	82	16 3
AJ6V	3,717	74	18 3
NETTV	3,664	87	13 3
*K6SA	3,528	73	14 4
*NR5NN	1,296	51	12 0
*N7VM	1,200	34	14 1
*W6NX	1,045	43	11 0
*K6F6CX	1,023	42	11 0
*W6URJY	680	34	10 0
*K6SCL	531	29	9 0
W6JBR	432	27	8 0
W6TED	273	18	7 0
*W6NF	1	-99	15 2
ARIZONA			
N7GP	97,016	546	54 13
*N7IR	82,971	532	53 10
N7RK	27,700	210	43 7
K7HP	24,678	186	47 7
K7HI	15,576	119	37 7
*ACTA	15,075	135	39 6
*K7PZ	13,395	97	36 7
KE2VB	10,249	119	34 3
*N6UD	8,544	108	27 5
*KX6X	5,370	74	27 3
*AA7V	1,680	45	14 2
*W9CF	1,092	39	12 1
*N7DSX	726	33	11 0
IDAHO			
W9JB	127,908	719	56 12
K7TM	14,950	114	45 5
*W7QDM	12,012	133	37 2
*K7ARJ	2,360	53	19 1
*K7KA	369	19	9 0
*K6IP	2	1	0 0
MONTANA			
N9RV	138,489	693	55 12
KJ9C	43,483	309	52 7
KS7T	7,564	101	31 0
NEVADA			
AA6AA	185,990	693	55 15
WU6W	1,566	43	15 3
*N7KCZ	252	18	7 0
OREGON			
W7YQ	71,110	379	52 13
N6ETJ	25,070	179	49 6
*AF7NX	10,890	119	27 6
W6LJJ	8,854	91	34 4
W07V	6,936	78	29 5
*K7GGN	2,679	56	18 1
*W7GF	594	27	9 0
*W7MTL	297	15	9 0
UTAH			
N5LZ	41,122	296	5

U.S. Virgin Islands			
NP2J	791,544	1056	55 63
KP2M	616,880	828	50 58
AFRICA			
African Italy			
*IH9YMC	3,000	20	0 15
Algeria			
*7X2TT	120	3	0 4
Madeira Islands			
CR3W	1,331,508	1248	41 66
CR3KN	225,036	359	16 47
Tunisia			
*3V8SF	445,745	756	8 51
ASIA			
Asiatic Russia			
RA9MA	355,851	679	0 57
RT9BA	340,956	672	0 54
*UA9CM	192,717	305	0 49
*R9MJ	116,382	405	0 42
*RU3CK	45,388	178	0 23
*RU9M	28,672	103	0 32
*RT9YA	27,804	125	0 28
R0WC	26,234	129	0 26
*UA9ADG	23,343	86	0 31
RA0SMS	3,230	44	0 10
RA0ACM	2,990	23	0 13
*RV9UDO	2,950	53	0 10
*RA0LKM	1,400	80	0 5
RT0O	1,272	30	0 8
UA0DBX	679	14	1 6
*R8MB	594	27	0 3
RA9AUD	385	17	0 5
*RT9YW	228	15	0 4
*UA9BKZ	175	4	0 5
RA9LL	40	2	0 2
Asiatic Turkey			
YM7KA	154,580	379	0 42
TA2FE	65,520	191	0 35
*TA2TC	480	8	0 6
China			
BG6SNJ	4,005	46	0 15
*BG1WNU	3,300	115	0 6
*BH4BFS	912	31	0 6
*BH4TOX	220	14	0 4
*BD7JNA	200	13	0 5
*BG3KZ	184	11	0 4
*BG1NAL	93	8	0 3
*BD4LB	6	3	0 1
Georgia			
4L9M	732,862	1068	5 66
4L2M	493,020	851	4 56
Israel			
*4Z5PN	194,881	377	2 51
Japan			
JH4UYB	390,390	661	24 54
JE1BMJ	72,615	258	13 34
JJ3KDH	53,676	214	10 32
JA7QVI	31,006	125	13 24
*JA1BJ	30,848	209	12 20
*JABZJ	26,348	200	11 17
*JES1PY	26,348	200	11 17
JJ3JHP	23,156	207	9 19
*JK1OLT	20,277	163	10 17
JH6QFJ	19,290	115	5 25
JE1RFZ	15,932	74	8 20
JA9FHB	14,430	65	11 15
JH0KHR	14,328	94	8 18
JF2FIU	12,642	143	8 13
JA2AXB	10,640	104	7 13
JA8DNU	10,425	64	10 15
JA31BU	10,165	123	7 12
JJ1LET	9,920	106	5 15
*JF3BFS	9,200	170	6 10
JA2FFK	8,406	103	4 14
*JH2KVV	8,316	84	4 15
JR2PMT	7,619	66	6 13
*JA7BCA	6,936	84	5 12
*JA1EMQ	6,588	74	8 10
JF5SJM	6,496	110	4 12
JA7QBC	5,940	39	7 13
JR2UBS	5,719	40	5 14
JH4WJS	5,670	39	5 14
*R11LV	5,220	38	7 11
JN7FAH	5,145	28	7 14
JR6CSY	4,308	106	3 9
JE2OTM	3,990	40	6 8
JH9FCP	3,949	119	4 11
JN7TAN	3,405	32	4 11
JH8FHH	3,360	25	8 8
JA1MJJ	3,295	34	1 10
*JF2WXS	2,590	22	1 13
*JK9PBO	1,998	59	5 4
JH10GC	1,760	18	0 11
JK1CIV	1,500	88	0 6
JH1HIC	1,260	36	4 5
*JE2PCY	1,240	22	1 7
*JH1MYC	1,145	97	0 6
*JAE5LV	1,092	50	0 6
*JABZBY	1,080	17	0 8
JA3ENN	840	13	4 3
*JA1CTZ	815	61	1 4
*JASCBU	740	72	0 4
JA4MHL	738	39	1 5
JE1KJO	630	13	2 7
*JK1JAS	525	35	1 2
*TK1MAG	512	51	0 4
*JA3VOV	510	37	0 5
*JM1PIH	495	35	0 5
*JK1TCV	480	10	4 2
JJ3OJUR	455	9	0 7
JR3JUC	400	11	2 3
*JH2GZY	390	8	4 2
JJ7PMS	366	10	1 5
*JH2JNU	240	27	0 4
JA1BBC	234	33	0 3
*JF1LMB	200	18	0 4
JA6BWH	188	16	0 4
*JA0BJY	171	24	0 3
*JAZKFW	162	21	0 3
JH1HDT	160	4	0 4
JH0QXS	120	5	0 4

*JA0JHQ	108	24	0 2
*JF0RBY	102	14	0 3
*JL1GPG	80	21	0 2
JJ0SFV	68	8	0 3
*JH5QJH	42	21	0 1
*J56JUC	32	4	0 2
*JA2VQF	30	2	0 3
*JA3AVO	26	13	0 1
*JR1CAD	14	7	0 1
JH1NXU	12	6	0 1
JR7ASO	12	6	0 1
*J48SWZ	8	4	0 1
*JJ4NZO	6	3	0 1
*JA7ACM	2	1	0 1
Kazakhstan			
UP4L	772,480	1244	0 68
*UN7CN	98,018	269	0 37
*UN7LDR	10,013	70	0 17
*UN7LV	6,675	51	0 15
UN5J	30	6	0 1
Republic of Korea			
DS2JLV	49,980	233	10 24
HL5VVL	47,520	210	2 31
HL2WA	24,168	173	7 17
*HL3KZ	8,170	65	6 13
*HL4CFN	1,246	36	0 7
*HL1VAU	18	3	0 2
*HL5YI	14	2	0 2
Thailand			
E2X	31,392	108	3 33
*HS5NMF	504	11	0 7
EUROPE			
Andorra			
C31CT	4,275	45	0 19
Austria			
*OE6JUD	35,802	179	0 39
*OE3JAG	28,152	163	0 34
*OE1CIW	22,920	153	0 30
Azores			
CU8AS	30,625	91	17 32
Balearic Islands			
*EA6SX	437,448	913	22 66
EA6NB	96,084	353	15 36
Belarus			
*EW2ES	134,946	636	0 42
EW3LN	100,439	416	0 47
*EW1TO	60,588	341	0 36
*EW1M	40,180	226	0 35
*EU6O	11,400	94	0 24
*EW1MY	10,600	85	0 25
*EW3ADI	2,480	31	0 16
Belgium			
*ON7ET	600	15	0 8
Bosnia-Herzegovina			
*E79D	344,784	1000	5 61
*E79B	124,901	499	1 48
*E7Y35M	68,601	353	0 39
*E74SL	19,062	143	0 27
E77A	17,070	115	0 30
Bulgaria			
LZ1GU	218,152	615	6 61
LZ2GA	181,839	726	2 47
LZ5N	77,400	294	3 47
*LZ2GPB	53,498	223	1 45
LZ5Y	42,385	236	0 35
Crete			
*SV9COL	1,955	21	0 17
Croatia			
9A3SM	139,050	546	1 49
*9A1Z3NVR	67,995	300	1 44
*9A4WY	52,878	253	0 42
*9A2EY	51,356	286	0 37
Czech Republic			
OK6W	816,934	1548	27 70
OK1Z	507,870	1198	20 61
OK1DWF	231,972	910	2 50
OK1OA	229,197	815	6 51
OK1AMF	227,238	687	13 53
OK4U	218,458	375	7 43
*OK2EA	204,250	833	1 49
*OK6N	155,873	598	4 49
*OK1WCF	149,107	641	0 49
*OK1DKR	116,184	512	0 47
*OL5Y	110,121	481	1 46
*OL8M	109,557	467	1 46
OK2BMU	106,849	347	10 49
OK1EP	104,555	376	11 44
*OK2BZM	101,388	403	1 50
*OK1MAW	86,428	437	0 41
OK1XC	84,760	440	0 40
*OK1UKC	84,420	377	0 45
*OK1LO	75,394	339	2 44
*OK1MMN	69,320	368	1 39
OK2BRQ	64,218	323	7 43
*OK2PIM	63,063	343	0 39
*OK1MGW	50,320	250	0 40
*OK2CDR	37,692	230	0 36
*OK2QX	34,300	201	0 35
*OK1FRJ	31,465	195	0 35
*OK6TW	30,600	195	0 34
*OK1HEH	28,116	186	0 33
*OK2BRS	27,506	162	0 34
*OK2WJ	23,488	157	0 32
*OK2DIK	18,531	138	0 29
*OK7T	18,125	134	0 29
*OK7TJ	15,841	112	0 31
*OK2GU	14,418	117	0 27
*OK2ABU	14,040	115	0 27
OK1DW	1,625	13	2 11

*MONDZ	220,765	638	14 53
*G2X	219,177	583	21 50
MGZ	138,562	453	18 40
*G3SVK	40,774	226	0 37
*G3VHF	38,130	185	2 39
*M4X	36,972	190	1 38
*G4DDL	35,841	191	0 39
*G3XTZ	30,069	154	1 38
*G3VYI	29,295	175	0 35
*G1G	23,397	148	0 33
*G3ZJK	11,716	80	0 28
*G3O7Z	3,077	17	0 17
*G0JOS	792	15	0 11
*G3RKF	68	4	0 4
Estonia			
ESSVI	12,024	99	0 24
European Russia			
R7NW	667,552	1326	15 77
UA3EDQ	315,192	931	6 63
RZ3Z	293,058	898	0 67
RD4F	213,960	743	0 60
*RA3UAG	139,893	581	0 51
UA3AGX	134,904	486	3 53
*RA4WD	188,952	539	0 52
*UA3YU	82,408	358	0 39
R3OM	124,425	588	0 45
R3UR	124,146	482	0 54
RK7X	112,892	457	0 52
*UA1CUR	104,716	465	0 47
*R05X	92,880	448	0 45
*RA3XM	92,092	432	0 46
UA4K	85,408	358	0 39
*R4SA	80,066	399	0 43
UC4L	75,360	325	0 48
R3OQ	71,643	404	0 39
*UA3MEG	71,484	326	0 46
*UA4HIP	69,748	304	0 47
RK3DK	65,612	283	0 47
RA7A	62,322	291	3 44
R8MY	50,580	217	0 36
*R2UZ	54,448	282	0 41
*RA4PBE	53,492	269	0 44
RAMM	52,756	229	0 43
*RA3BQ	52,455	285	0 39
R7DM	51,570	235	0 45
R1NW	51,336	309	0 36
RA4N	50,480	267	0 36
R2YA	50,580	217	0 36
*RU6CO	46,296	287	0 36
*RM7C	45,029	272	0 37
*RX6LRU	44,509	183	0 47
*UF5A	43,120	198	1 43
*RN4SS	40,982	290	0 31
RL3BZ	40,800	271	0 32
*RA4J	25,706	318	0 31
*RK4PA	40,394	228	0 38
*UA3YDI	39,620	253	0 35
*R7RBE	38,988	204	0 38
*R1NI	34,484	199	0 37
*UA6GO	34,428	185	0 38
*RA7R	31,744	212	0 32
*RD5AD	28,544	211	0 31
*UA3DCE	27,398	145	0 38
*RA1WP	26,455	159	0 37
RA3NC	25,466	173	0 34
*RA4DR	25,364	139	0 34
RA5O	25,346	132	0 38
*R2RZ	22,610	132	0 35
*UA3P	22,586	160	0 31
RW4HD	22,538	121	0 34
LZ1GU	20,184	154	0 29
*RA3UT	19,952	148	0 29
RN4ZT	19,434	93	0 41
*UA3QR	18,360	141	0 30
*RX3VF	17,940	162	0 26
*UG5F	16,488	146	0 24
*RW3QM	16,388	96	1 33
*RW7W	16,089	103	0 31
*UA3DSS	14,499	119	0 27
*RK4NB	13,550	116	0 25
*R2VM	12,096	161	0 18
*RK4S	11,961	92	0 27
*UA6FH	11,825	105	0 25
*R3PIQ	11,140	141	0 20
RG4Z	8,325	87	0 28
*RA4W	8,232	74	0 24
BECA	8,149	54	0 29
*RA3XCZ	7,700	66	0 25
*R7MC	7,613	71	0 23
R3SV	7,200	38	1 29
*RQ7R	5,415	62	0 19
*UA4DL	5,393	70	0 15
RW4WD	4,718</		

*OM5NL	331,296	942	10	58
*OM5XA	283,410	807	14	53
*OM5ALL	153,230	547	6	49
*OM5AL	119,712	406	3	44
*OM3ZWA	87,760	414	1	39
*OM5AW	77,805	336	1	44
OM111	68,288	311	4	40
*OM5CM	57,979	319	0	37
*OM7AG	53,625	328	0	33
*OM7AD	47,472	199	4	42
*OM3CDN	33,900	216	0	32
*OM5VS	29,240	179	3	32
*OM4DU	28,390	170	0	34
*OM7PY	27,550	197	0	29
*OM7AT	8,360	94	0	19
*OM3TGB	3,632	46	0	16
*OM3PV	2,210	29	0	17
*OM2AP	4	2	0	1

Slovenia				
S53A	658,920	1250	26	69
S57K	525,046	1208	19	63
*S53AR	154,686	528	8	50
*S57NAW	116,368	412	4	52
*S58MU	58,824	321	0	38
*S56C	46,028	259	0	37
*S58RU	34,632	196	0	36
S55G	22,891	133	35	35
*S50E	21,792	142	0	32
*S57WW	4,400	47	0	20
*S5MOMPM	962	16	0	13

Spain				
EF5Y	667,104	1221	31	65
*EA4KD	107,758	327	15	47
*EA5EAR	75,028	327	1	45
*EA5RV2A	49,396	175	6	47

Sweden				
SM2U	285,476	956	3	55
SM2CEW	112,068	502	0	44
*SM2OSS	59,778	283	0	41
*SM6LW	52,991	282	1	41
*SM5DXR	41,144	222	0	47
SM5AOG	31,311	115	2	47
*SM5ACQ	22,860	155	0	30
*SE6K	16,380	109	0	30
*SM2BLY	9,360	80	0	24
*SM6OPM	9,296	64	0	28

Switzerland				
*HB9ARF	73,392	332	1	43
*HB9CPS	57,915	299	0	49
*HB9DDZ	16,598	70	1	32

Ukraine				
UX2X	541,861	1308	10	69
US6EB	388,157	978	9	68
*UT5NR	287,815	942	6	55
UT3QU	195,690	565	7	59
UT1FWA	141,915	551	5	46
UT3VX	128,262	526	60	50
*UT8IM	127,253	519	1	48
UT11HR	118,923	496	0	49
*UT1VM	113,735	543	0	43
*UT1WW	110,779	487	0	47
*UT3SO	107,982	531	0	42
*UT1EK	79,002	392	0	42
UR5KO	78,144	365	0	44
*UR7HCX	76,560	319	0	48
*UR7EC	68,288	315	0	44
UW5U	67,392	350	1	38
*UW2Q	66,285	306	1	44
*UT5EOX	62,812	304	0	41
*UR8GX	61,068	302	0	42
*UW3WF	60,684	325	0	39
*UY2UQ	59,238	305	1	35
UZ1U	54,612	315	0	36
US7IA	53,724	297	0	37
*UR6LRC	52,440	266	0	40
*UT1UL	49,854	244	0	42
*UV5ERY	48,792	271	0	38
*UT5PY	48,510	291	0	35
*UR5ZTH	35,532	205	1	35
*US3JK	30,624	189	0	33
*UTOCK	30,240	201	0	32
*UR7CB	29,784	178	0	34
*UT5EPP	29,184	194	0	32
*UY5AR	27,094	136	0	38
*UT3KW	23,800	179	0	28
UR7R	18,122	154	0	26
*UX8IA	17,534	119	0	30
*US5ABI	16,328	121	0	26
*US5CDH	15,675	128	0	25
*UT1KY	12,857	122	0	23
UT5UGR	11,508	82	0	28
*US3LX	8,040	68	0	24
*UX2HB	7,602	77	0	21
*US3IM	6,532	35	0	34
*UY5TE	6,384	72	0	30
*UT2DW	5,975	49	0	25
UY500	3,705	33	0	19
*UT6UZ	2,160	30	0	15
*UR4MGN	318	11	0	6

Wales				
*GW4W	16,360	122	0	30
*GW4TSG	550	11	0	10

OCEANIA

Australia				
VK3IO	44,800	135	7	28
VK3TZ	3,819	23	6	13
VL2G	3,808	29	0	14

Hawaii				
KH7A	315,606	460	51	18
*KH6AQ	3,450	23	13	2

Indonesia				
*YC1BIQ	770	11	0	7
*YB1TIA	240	10	0	4
*YB2MM	168	9	0	4
*YC1RWJ	28	3	0	2
*YB1JCD	8	4	0	1
*YB3BGM	8	4	0	1
*YB3BLJ	4	1	0	1

Philippines				
*4F2KWT	16,920	141	0	12

Samoa				
*5W1SA	140	4	3	1

SOUTH AMERICA

Argentina				
LU5YF	1,082	14	2	10
*LU6D	48	5	0	3
*LW1D	22	4	0	2

Brazil				
PY2ZEA	1,464	15	1	11
PY9MP	800	10	0	10
PY2KP	54	6	0	3
*PU4YJS	1	0	0	1

Colombia				
HK1MW	40	2	1	1

Uruguay				
CX2DK	10,730	45	16	13

Venezuela				
YV4ABR	4,370	24	12	7

QRP

NORTH AMERICA

UNITED STATES CONNECTICUT				
W1IG	4,712	100	19	0
MAINE				
NY1E	10,912	143	31	0

MASSACHUSETTS				
WB2CPU	13,984	143	35	3
W1FJ	4,500	87	20	0
W1UU	3,652	68	21	1
KU1N	1,302	36	14	0

NEW HAMPSHIRE				
W1ND	2,430	54	18	0

NEW YORK				
WW2G	35,595	326	42	3

DELAWARE				
AE3J	2,508	42	22	0

PENNSYLVANIA				
K3HW	2,940	61	21	0
W7LG	826	25	14	0

GEORGIA				
AA4GA	28,717	267	42	5
K4PQC	1,620	36	20	0

KENTUCKY				
K4TO	27,081	223	46	5

NORTH CAROLINA				
N4UJ	36,076	246	47	11

TENNESSEE				
WB4GHZ	110	11	5	0

VIRGINIA				
KA4RRU	53,784	426	47	7
W1IE	2,070	50	18	0
K2EKM	648	36	8	0
WR4I	372	14	12	0

CALIFORNIA				
N6AN	190	19	5	0
N5KO	60	10	3	0

ARIZONA				
N6HI	102	17	3	0

UTAH				
KI0G	182	13	7	0

WYOMING				
WC7S	5,115	75	31	0

MICHIGAN				
WB8P	26,180	280	44	0

OHIO				
K8ZT	15,523	152	40	3
WB8DC	1,998	48	18	0

ILLINOIS				
WB9AYW	7,584	108	32	0
N9TO	2	1	0	0

INDIANA				
KB9RPG	23,414	219	43	3

COLORADO				
NO2D	885	28	15	0

IOWA				
N0NI	104,640	711	56	8
W0GJ	13,026	137	37	2
K0KT	5,082	59	31	2

KANSAS				
W0YJT	6,501	85	31	2
N0JK	1,560	33	20	0

MINNESOTA				
N0UR	16,800	176	42	0

NEBRASKA				
WD0BGZ	5,285	71	34	1

CANADA ONTARIO				
VE3DQN	6,058	52	26	0

NORTH AMERICA

Belize				
V31HQ	962	14	7	6

Cuba				
C08PH	7,280	49	17	11
C06EC	1,050	20	7	3

AFRICA

Canary Islands				
EA8AUW	13,008	56	0	24

ASIA

Asiatic Russia				
RD9D	119,901	263	0	51
UA9D	21,781	114	0	23
RU5U	256	13	0	4
UA0SBQ	4	2	0	1

Asiatic Turkey				
T3ALHH	7,440	39	0	20
T3AST	200	5	0	4

Japan				
JE3AKU	876	46	0	6
JH7UJU	740	60	2	3
JA6WFM	670	51	0	5
JR1UJX	472	52	1	3
JK7DWD	222	31	0	3
JE1QHP	192	29	0	2
JR1ABS	189	27	0	3
JR1NKN	94	22	0	2
JF1OPO	82	19	0	2
JA5NSR	30	3	0	2
JF1GZZ	4	2	0	1

Ukraine				
US1UP	106,490	479	1	45
UX9Q	106,150	422	1	49
UZ7E	75,936	376	0	42
UT1DX	63,272	286	0	44
UR5FEO	58,476	263	0	44
UZ7UK	42,880	230	0	40
UZ1RM	33,099	214	0	33
UW1U	31,904	210	0	32
UR5UJ	22,869	149	0	33
UT4UBZ	16,000	100	0	32
UR5F	9,640	89	0	20
UT7A	6,403	72	0	19
UT5UN	2,058	30	0	14

Vienna Intl. Ctr.				
4U1A	299,475	1067	2	53

OCEANIA				
Indonesia				
YC1HBP	24	2	0	2
YC1AUI	16	8	0	1

EUROPE

Bosnia-Herzegovina				
E77Y	193,927	716	3	50

Croatia				
9A4QV	66,792	307	0	44
9A6A	15,512	114	0	28

Czech Republic				
OL4W	183,855	747	3	48
OK1FKD	157,040	838	1	51
OK1QM	95,847	475	1	42
OL0A</				

*UT4XU	50,266	246	0	41
UT3JUV	41,148	239	0	36
*UT3WX	39,474	241	0	34
UW3HM	35,342	176	0	41
*UT5AX	21,630	122	0	35
UT5C	21,063	59	0	59
UT7QF	17,480	69	0	46
US3LR	13,718	65	0	38
*UY5OZ	12,231	98	0	27
*UY3OCW	12,090	100	0	26
UR5FP	7,200	41	1	31
*UT5WAA	2,550	36	0	15
*UT5UGQ	1,001	18	0	11
UT5UT	750	10	1	9

Wales				
MW5B	1,038,294	1585	36	75
*GW0ARK	5,336	47	0	23

OCEANIA

Indonesia				
*YC2VOC	270	12	0	5
*YC1COZ	72	4	0	3
*YC1KFO	10	5	0	1
*YC1W4	8	3	0	1
*YC1AL	6	3	0	1
YC2SAS	4	2	0	1

New Zealand				
ZM4T	70,952	151	20	29

SOUTH AMERICA

Argentina				
LU3WC	902	11	1	10
LUSOM	740	11	2	8

Aruba				
P40AA	1,206,768	981	56	68

Bonaire				
PJ4DX	24,600	61	24	17

Brazil				
PY2NA	4,161	30	7	12
PV2K	1,056	18	2	9
*PY2KC	164	12	0	4
PY5AMF	48	5	0	3
*PY2GTA	6	3	0	1
*PY3TR	2	1	0	1
*PY3LX	1	0	0	2

Chile				
*XQ3WD	50	5	0	2

MULTI-OP NORTH AMERICA

UNITED STATES

MAINE				
K1LZ	1,028,066	1519	59	70

MASSACHUSETTS				
N1RR	122,724	463	48	36
W1FM	47,040	384	42	7

NEW JERSEY				
N2AA	739,980	1417	58	66

DELAWARE				
K9RS	420,860	1126	58	52

MARYLAND				
K3AJ	191,164	1023	58	53
N3DPB	133,040	619	57	23

PENNSYLVANIA				
K3LR	653,520	1503	59	61
W3GH	131,752	549	50	36
NE3F	85,884	475	48	20
K3PH	15,036	134	37	5

FLORIDA				
KØD1	456,320	1221	59	56
AD4ES	63,628	509	50	19

KENTUCKY				
N4SS	323,532	1116	58	41

SOUTH CAROLINA				
AA4V	232,966	906	58	35

VIRGINIA				
KC4D	202,188	971	59	28
N4HB	95,550	551	49	21
W4TG	74,588	548	49	9

CALIFORNIA				
WD6T	182,993	791	54	15
N6DZ	183,960	692	56	16
NX6T	160,815	726	56	15

ARIZONA				
N7TB	283,440	1135	57	23
NA77B	20,160	175	42	6

MICHIGAN				
W8RT	168,912	697	58	34
K8LX	115,600	540	56	24

COLORADO				
KØRF	238,866	1123	58	24

CANADA

QUEBEC				
VE2OJ	403,920	898	58	32

ONTARIO				
VE3FU	536,283	1056	58	41
VE3FAS	107,848	343	49	15

NORTH AMERICA

Belize				
V31MA	131,352	306	49	29

ASIA

Asiatic Russia				
RK9A	549,692	949	0	62
RD8D	236,946	498	0	51

RK9CYA	93,480	251	0	41
ROMM	7,216	128	3	8

China

BY1RX	9,270	211	0	9
BY1OK	7,992	133	0	12

Israel

4X2M	1,078,056	1328	19	65
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Japan

JA3YB	325,896	607	15	59
JF1AMX	62,004	260	16	36
JG6VLY	4,270	37	0	14

EUROPE

Aland Islands				
OHØZ	297,680	937	2	59

Balearic Islands				
EA6FO	772,100	1331	31	69

Belarus				
EW5A	1,246,616	1844	30	83

Belgium				
OT6M	805,494	1398	30	72

Bosnia-Herzegovina				
E7DX	1,095,248	1705	31	81
E7CW	578,760	1288	20	64

Bulgaria				
LZ5R	841,401	1502	23	76
LZ9W	824,670	1429	24	78

Croatia				
9A0BB	968,205	1655	28	77
9A3JB	956,016	1569	31	77
9A2W	212,517	829	1	50

Czech Republic				
OK7K	1,206,360	1754	32	86
OK5Z	934,416	1689	27	76
OL4A	868,632	1548	30	72
OL1R	684,768	1298	28	68
OL1A	598,436	1282	24	65
OK1KDO	452,760	1163	11	66
OL1C	419,496	1052	19	63
OK1KQH	370,444	987	16	58
OL7T	367,132	1077	10	58
OK6T	316,544	992	8	56
OK1KOK	40,034	235	0	37

Denmark				
OZ5W	466,564	1162	19	57

England				
G4AQQ	474,852	1027	26	58

Estonia				
ES9C	693,072	1308	16	72
ES7A	123,615	537	0	45

European Russia				
UA7K	1,009,368	1666	24	84
RL3A	916,125	1584	20	85
RT4F	849,500	1529	14	86
UA4M	740,283	1544	7	80
RT4G	667,350	1384	5	85
RO2E	390,823	1099	8	65
RC3W	376,899	1013	4	69
RT2A	150,976	557	2	55
R3AP	146,598	576	2	51
RD1A	133,050	550	0	50
RC3FL	119,184	516	1	47
UA6YW	113,373	460	2	49
RY3WAA	84,840	457	0	40
RY3WAA	82,040	445	0	40
RA5G	78,384	344	0	48
UF1F	4,959	52	0	19

Finland				
OH5Z	528,220	1320	9	68
OG9W	280,680	917	1	59

Germany				
DP7D	591,387	1291	25	68
DLØLA	585,887	1363	22	67
DP4E	561,590	1325	25	64
DP6A	543,488	1276	26	62
DR4W	474,180	1180	23	61
DP9A	460,356	1246	16	60
DFØRW	442,308	1109	24	58
DM3W	393,876	954	23	61
DJ7YP	343,212	974	15	59
DL7A	275,536	884	11	57
DAØT	191,380	555	20	50
DL2R	13,079	100	0	29

Greece				
SV1RK	131,254	442	2	56

Hungary				
HG8DX	938,896	1647	25	76
HG7T	691,840	1374	24	70
HG5A	625,590	1328	19	71
HA3DX	449,194	1103	17	62

Italy				
IZ2KXC	615,734	1165	28	70

Kaliningrad				
UA2FW	1,318,484	1997	29	84

Liechtenstein				
HBØLDLX3	1,039,682	1833	29	74

Lithuania				
LY2XW	291,985	855	12	53
LY2ZO	291,099	893	9	48
LY2J	242,475	904	1	52

Netherlands				
PE8Q	779,298	1472	31	66
PI4CC	574,090	1281	26	59

Poland				
SP8R	971,028	1595	30	78
SN2B	628,574	1403	21	65
SP8PAI	376,425	963	15	60
SN1LH	174,522	692	1	50

Serbia				
YT5A	638,756	1277	21	71
YU7GMN	123,657	511	3	44

Slovak Republic

OM2Y	824,466	1476	25	77
OM4Q	319,560	1047	4	56

Slovenia

S5ØC	1,189,704	1766	34	80
S53M	651,225	1265	27	68
S52C	392,544	1053	17	55

Spain				
ED1R	188,088	524	17	51

Sweden				
SC7DX	618,426	1351	23	63

Switzerland				
HB7X	877,932	1590	28	71

Ukraine				
UR7D	999,240	1651	31	79
UZ2M	830,313	1489	20	79
UXØLL	312,448	965	4	60
OK6M	90,268	317	0	25
UW7W	86,940	390	0	45

OCEANIA

Hawaii				
KH6LC	165,660	303	42	13

Indonesia				
7B1B	208	14	0	4
7E1T	18	9	0	1
7AØD	10	5	0	1

SOUTH AMERICA

Argentina				
LU8DPM	148,980	203	44	34

Curacao				
PJ2T	1,458,816	1150		

*N9CD	918	24	17	0
K9WN	602	20	14	0
MISSOURI				
*N0PB	58,680	427	53	7
*AIG0	16,224	160	45	3
AB0DK	144	9	8	0
NEBRASKA				
N0GN	32,010	266	50	5
WD0BGZ	25,594	247	47	1
*KB0ARZ	4,528	67	31	0
*NA0W	6	3	1	0

CANADA

NEW BRUNSWICK				
*VE9RLW	2,040	29	15	0
VE9HF	1,500	23	15	0
PRINCE EDWARD ISLAND				
VY2ZM	524,232	763	54	54
*VY2OM	1,710	24	15	0

QUEBEC

VA2LQO	9,077	66	26	3
*VA2KD	3,638	17	0	0
*VE20WL	414	11	9	0
*VE2GT	20	2	2	0

ONTARIO

*VE3MGY	168,948	612	48	9
VA3AF	132,664	496	48	8
VE3CKO	67,100	244	43	12
VE3UZ	38,532	209	36	3
*VA3AC	33,048	198	34	2
*VE3WG	30,414	171	34	3
VE3BR	27,936	163	34	2
VE3PK	15,488	102	31	1
*VA3RSA	6,050	58	22	0
*VA3EON	5,145	52	21	0
*VE3NQM	4,060	43	20	0
*VA3IPG	3,933	45	19	0
*VA3EC	3,744	44	18	0
VE3RL	3,400	40	17	0
*VA3KRJ	2,464	40	14	0
*VA3JK	1,736	26	14	0

SASKATCHEWAN

*VE5SF	3,325	38	19	0
VE5WI	3,080	40	17	1

ALBERTA

VE6DD	18,768	90	41	5
*VA6RCN	488	11	9	0

BRITISH COLUMBIA

*VA7EY	2,689	35	17	0
VA7MAY	1	6	8	0

NORTH AMERICA

Alaska				
WL7N	4,515	61	13	2
Cuba				
*CL6AW	175	7	5	0
Mexico				
XE2S	2,890	34	16	1
*GD5C	2,250	32	10	5
Puerto Rico				
KP4AA	26,015	113	32	11
U.S. Virgin Islands				
NP2J	149,325	376	47	28
Canary Islands				
ED8W	126,840	182	28	42
*EB8AYA	3,180	22	0	15
Rodriguez Island				
W7AUM	4	5	4	0
*W3AZT	64	5	4	0
Senegal				
*KC1N0N	1,204	34	14	0

AFRICA

Asiatic Russia				
R8WF	7,848	47	0	18
RZ9WU	2,964	27	0	13
RK0UN	495	36	0	3
*RC0L	465	34	0	3
UA9JUD	282	6	0	6
RA0LMO	210	17	0	3
Asiatic Turkey				
TA2FE	950	9	0	10
*TA4RC	30	2	0	2
China				
*BH1HUK	141	13	0	3
*B1MCZ	138	14	0	3
BG30DZ	90	9	0	9
BGSBAA	84	8	0	3
*BI4VIP	42	4	0	3
Georgia				
4L2M	55,885	156	0	37
4L5EE	4,080	28	0	15
4L7ZS	2,338	18	0	14
Japan				
*JE1SPY	760	60	2	3
JH9RT	225	30	0	3
JA3IBU	204	14	1	3
JF2FIU	141	16	0	3
JH9DFL	116	20	0	2
*JA7BEW	99	9	0	2
JH4CPC	68	5	0	2
JH8FIH	68	11	0	4
JM4WUZ	52	10	0	2
JE2PCY	40	7	0	2
JR3UIC	30	3	0	2
JH6TNH	27	2	0	3
JG7AND	22	4	0	2
JN7TAN	8	4	0	1
*JH4RUM	2	1	0	1
JH1HDT	1	0	1	1

EUROPE

Austria				
OE1HBB	31,232	196	0	32
OE1TKW	30,564	166	1	35
*OE19AAW	19,329	101	0	21
4A945	51	0	19	19
*OE6TNO	2,520	36	0	14
*OE1SSW	2,080	32	0	13
Belarus				
EU3A	25,164	136	1	35
*EU2F	520	10	0	10
*EU6RO	162	6	0	6
Belgium				
*ON8YB	17,050	110	0	31
Bosnia-Herzegovina				
E74E	35,350	200	1	34
*E7BT	6,069	58	0	21
*E7SL	5,245	53	0	20
*E7SRKP	518	16	0	7
Bulgaria				
LZ3ND	20,320	124	0	32
*LZ2JE	18,330	121	2	28
*LZ7X	1,632	21	0	16
Croatia				
9A7FSNJ	9,175	71	1	24
*9A9I	9,042	82	1	21
*9A4W	3,390	47	0	15
*9A2EY	2,716	40	0	14
*9A3SM	2,192	28	0	16
*9AUF0B	300	10	0	6
Czech Republic				
OK4U	91,977	442	1	42
*OK1LRD	82,603	398	2	41
OK1OA	44,382	235	1	38
*OK2BRQ	29,592	171	1	35
*OK6AB	21,006	166	0	27
*OK6AD	16,740	119	0	27
OK1DOL	12,933	100	0	27
*OK1LO	11,208	100	0	24
*OK1AGE	11,088	101	0	24
*OK1BJ	6,878	79	0	19
*OK5N	1,209	21	0	13
Denmark				
OZ4MD	92,512	371	3	46
OZ1T	13,725	110	0	25
*OZ4NA	12,974	100	1	25
OZ1FHU	1,680	28	0	12
England				
*M0PLX/M	28,564	152	2	35
*G2RZ	25,509	155	1	32
*G0MTN	1,287	24	0	11
*G0JOS	1,155	21	0	11
*M0HHS	850	17	0	10
European Russia				
*RK3E	16,327	121	0	29
*UA3BL	11,100	96	0	25
*RC5Z	9,240	78	0	24
*R7NP	7,752	73	0	24
*UA1CUR	4,410	53	0	18
*RU4CY	4,194	53	0	18
*RL2K	3,114	44	0	18
R3RAE	2,816	37	0	16
*R4WDX	2,752	38	0	16
*R2RZ	2,115	37	0	16
*R44W	1,452	25	0	12
RM4HZ	1,404	23	0	13
*R4RB	1,090	25	0	10
*R70	870	19	0	10
*UA4FDK	720	17	0	9
R2MD	416	10	0	8
*UA1AOS	250	13	0	5
*R2EL	22	4	0	2
*R3AV	10	1	0	2
*R4WT	2	1	0	1
Finland				
*OQ2T	15,344	110	1	27
OH1VR	12,660	87	1	29
OH5NS	1,044	18	0	12
France				
*F4HZZ	6,154	61	1	26
Germany				
DK5NJ	63,588	394	1	41
DK5BK	62,640	345	1	41
*DL6MI	47,027	299	1	40
*DL0NG	43,524	296	3	36
*DG9MA	34,776	253	1	35
DR1E	30,381	194	2	37
DM4KA	30,155	208	3	34
*DL8DSL	28,044	174	5	33
*DU1WF	25,848	186	1	35
DB8WK	25,725	193	1	34
DL4ZA	24,710	184	0	35
*DL2NB	23,460	213	0	30
*DO1SJF	22,678	167	2	32
*DL1ABF	21,793	191	0	31
*DK1KC	20,590	189	0	29
*DK0BM	20,580	197	0	28
*DL1AOB	20,070	170	1	29
DL4PT	19,584	147	0	32
*DL1CC	18,240	140	0	32
DL1EKO	18,060	156	0	30
*DK11E	15,975	188	1	24
DL0ET	15,600	133	0	30
*D0E1T	14,761	134	1	28
DA3T	14,200	143	0	25
*DG5MLA	14,088	154	0	24
*DL1MHJ	13,432	156	0	23
*DL1SDX	13,286	130	0	26
*DJ7Q	12,572	108	0	28
*DL1BW	11,675	117	0	25
*DL2TOS	10,650	108	0	25
DL7AT	10,244	97	0	26
*DK7FU	10,108	76	0	28
*DM6EE	9,660	117	0	23
*DL0TY	9,528	104	0	24
*DK2CB	9,152	106	0	22
*DL5ALW	8,792	117	0	25
*DH4RJ	8,646	102	0	22
DK5AV	8,580	105	0	22
*DL7BF	8,579	92	0	23
*DM2AWM	8,349	93	0	23

DL6HBQ	8,043	103	0	21
*DH0KH	7,852	85	0	26
DL8UV	6,251	85	0	19
*DL6RBH	4,959	65	0	19
DL1DJH	4,332	57	0	19
*DL9SN	3,914	52	0	19
*DL1FPG	3,780	45	0	20
*DO1SSB	3,760	59	0	16
*DL2RZG	3,672	48	0	18
*DJ4WM	3,165	53	0	15
*DK7AC	2,625	44	0	15
*DL3ZAJ	2,534	44	0	14
*DL3DRN	2,520	57	0	12
*DG1HP	2,288	37	0	16
*DL4FCJ	2,052	26	0	19
*DM8ANE	1,963	35	0	13
*DO1OMP	1,460	40	0	10
*DK4YU	1,243	25	0	11
*DK3YD	1,224	35	0	9
*DB2ZZ	1,023	23	0	11
*DOBIT	869	20	0	11
DJ8QA	469	17	0	7
DL7LX	468	11	0	9
*DO7EP	200	16	0	4
*DK7MCK	148	11	0	4
*DO2KGB	34	0	0	4
*DL1AWD	14	2	0	2
*DL0MBG	5	1	0	1
*DK7SM	2	1	0	1

Greece				
SV6JHA	28,594	166	0	34
*SV1GRD	7,944	66	0	24
Hungary				
*HA8AR	6,327	68	0	19
Ireland				
*E4IKU	59,390	213	14	39
*E3ENB	5,764	52	1	21
E5KQG	1,781	28	0	13
Italy				
I5JVA	418,035	708	32	61
*I3OVCN	12,350	101	0	26
*I2WLHE	10,975	88	0	25
I2ILAY	10,833	99	0	23
I2ZBVC	9,834	93	0	22
*I2DQO	9,200	75	0	25
*IK0BAL	3,360	46	0	15
*IK3BVD	1,716	30	0	13
*IK2IKW	472	13	0	8
*I2ZCSX	245	7	0	7
Latvia				
*YL9T	6,371	55	1	22
YL2EA	1,100	20	0	11
*YL2PP	450	10	0	9
Lithuania				
*LY2MM	18,350	150	0	25
*LY7X	15,548	123	0	26
*LY9A	10,327	93	0	23
*LY0NAS	9,193	101	19	2
LY2OU	26	5	0	2
Netherlands				
*PA1VD	3,420	38	0	18
*PA1SUP	75	5	0	3
Norway				
LA9TY	7,250	57	1	24
*LC9T	5,145	49	0	21
Poland				
SP5C	135,309	514	8	45
*SQ2PHG	97,740	446	3	42
*SN9B	73,710	338	3	42
*SQ6MFM	73,100	351	1	42
*SP6LV	63,664	288	3	43
*SP8OV	29,152	190		

N3RM	2,975	49	22	3	ADOAB	2,856	51	27	1	*GODTX	15,360	91	5	27	Lithuania	68,310	292	3	43	FLORIDA	220,970	816	58	37	
*WJ3U	616	28	11	0	*KSOAA	96	8	6	0	G4CXT	11,674	90	0	26	LY5W	65,164	235	2	42	N2CEI	220,970	816	58	37	
										G4PVM	2,086	30	1	13	*LY6AX	36,597	226	1	32	GEORGIA	22,560	215	42	5	
															LYSR	16,328	127	0	26	AD4XT	22,560	215	42	5	
K4WI	34,626	251	47	11	K0RJW	8,931	104	39	0	Estonia	43,446	220	1	38	Luxembourg	74,842	319	5	41	NA5NN	76,300	429	50	20	
K4AB	7,740	80	30	6	MISSOURI	18,538	188	44	2	ESSTI	42,681	217	3	38	*LX7I	37,444	200	1	36	W5SLG	42,050	315	46	12	
					N0IRM	4,408	70	29	0	R2EA	40,500	182	5	40	PAACC	14,210	97	0	29	NEW MEXICO	440	22	10	0	
*W4/K4P4KE	59,995	353	45	20	*N0BDS	648	27	29	0	R23B	10,419	100	0	23	PA3AAV	14,123	98	1	28	CA1IFRN	8,840	66	0	26	
W4G	52,059	277	42	25	*AIG0					RK4FD	10,237	71	1	28	*PA3DTR	8,840	66	0	26	*PE1EWR	2,775	37	0	15	
KM4HI	22,600	188	42	8	SOUTH DAKOTA	9,560	100	37	3	RT3G	5,500	54	1	21	Norway	13,500	107	0	25	Netherlands	14,210	97	0	29	
W04O	3,300	25	12	13	CANADA	6,136	42	18	8	UA1TOMS	2,432	25	0	19	LA5YJ	5,640	50	0	24	NEW JERSEY	137,376	526	47	34	
					NEWFOUNDLAND	5,874	57	17	5	*RAD1	1,750	26	0	13	LB4ZI	250	10	0	5	NORTH CAROLINA	20,531	188	40	9	
					NEW BRUNSWICK	3,281	41	16	1	RS4F	1,770	17	0	10	Poland	62,000	324	1	39	N41FF	20,430	196	41	4	
					NOVA SCOTIA	3,281	41	16	1	RL4A	552	13	0	8	*SP5EWX	43,095	230	1	38	*N4NT0	9,415	113	28	7	
					PRINCE EDWARD ISLAND	42,432	176	31	17	European Turkey	42,003	207	1	38	SP8HR	15,120	119	0	28	N4TL	8,892	104	32	4	
					QUEBEC	168,140	487	49	21	TA1ED	34,484	182	0	37	*SQ2WGB	6,118	71	0	19	*KE4YOG	1,620	39	16	2	
					VA2WA	20,504	91	33	11	TA1CM	42,003	207	1	38	*SQ9ZAX	3,458	42	0	19	K4BSH	9,768	113	34	3	
					VE2FXL	5,814	65	17	2	OH1Z	73,462	323	1	45	SOE	3,186	39	0	18	NE4EI	4,710	68	25	5	
					ONTARIO	64,830	291	40	6	OG50	3,510	48	0	15	Y0BAYN	14,084	103	0	27	K4VTE	2,950	50	23	2	
					*VE3PJ	31,136	203	30	2	F0EZV	29,700	4,029	48	0	17	Y02OXD	5,136	43	0	24	KT4LS	24	4	3	0
					VE3EJ	20,794	114	31	6	*F8CRS	405	9	0	9	*YR2X	5,136	43	0	24	K4NDY	50,976	362	46	13	
					VE3SS	18,282	115	30	3	Germany	182,981	614	10	53	Y02OXR	5,136	43	0	24	AA4WW	3,692	68	26	0	
					VE3JZT	9,425	68	29	0	DK6WL	149,562	565	15	48	Y09GUR	1,456	22	0	14	NORTH CAROLINA	20,531	188	40	9	
					VE3BFU	2,715	38	15	0	DL4VK	93,126	472	5	46	*OM6MW	6,336	81	0	16	N41FF	20,430	196	41	4	
					ALBERTA	35,840	133	46	10	DL20Y	78,897	374	7	44	S530	233,306	628	15	56	N41FF	20,430	196	41	4	
					BRITISH COLUMBIA	2,758	42	12	2	DL1M8	37,333	173	3	41	S56B	180,096	548	13	61	N41FF	20,430	196	41	4	
					*VA7IR	2,453	50	10	1	DL5LM	42,520	268	3	41	S56X	137,700	512	4	50	N41FF	20,430	196	41	4	
					NORTH AMERICA	18,122	88	34	7	DL9UP	40,549	249	1	40	*S54Z	135,795	498	5	50	N41FF	20,430	196	41	4	
					Belize	60	3	0	3	*D04OD	40,356	283	1	37	*S57DX	102,856	391	10	42	N41FF	20,430	196	41	4	
					Dominican Republic	60	3	0	3	DH8BQA	36,855	280	0	35	S57X	45,756	224	4	37	N41FF	20,430	196	41	4	
					*H18PAP	60	3	0	3	DL1RDL	35,568	230	1	38	S540	24,853	177	0	29	N41FF	20,430	196	41	4	
					Greenland	140	4	1	3	DL5KVV	33,282	195	1	42	*S55X	15,309	116	0	27	N41FF	20,430	196	41	4	
					US Virgin Islands	888	14	5	7	DL1LNKS	27,676	20	2	35	*S55KA	12,816	110	0	24	N41FF	20,430	196	41	4	
					ASIA	24,416	93	1	27	*DP03P	24,990	178	1	34	*S57KM	5,344	71	0	16	N41FF	20,430	196	41	4	
					Asiatic Russia	19,412	140	7	16	DK4RR	24,990	178	1	34	ED9C	109,140	341	18	42	N41FF	20,430	196	41	4	
					*UA9BA	12,282	56	0	23	DL1NEO	24,354	179	2	31	EA1SA	99,132	250	24	42	N41FF	20,430	196	41	4	
					*RU0LM	1,550	63	0	5	DL2RMC	22,104	150	2	34	ED4W	5,940	67	1	19	N41FF	20,430	196	41	4	
					Asiatic Turkey	22,230	86	0	26	DK8MM	20,956	174	0	31	EA1HV	3,060	37	0	18	N41FF	20,430	196	41	4	
					China	102	11	0	3	*DK3WE	20,856	158	0	33	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					BA3RA	90	9	0	3	DL2AL	20,640	166	0	32	ED9C	109,140	341	18	42	N41FF	20,430	196	41	4	
					*B3PFO	51	4	0	3	DL7ON	20,325	137	0	34	EA1SA	99,132	250	24	42	N41FF	20,430	196	41	4	
					*BY4SZ	30	3	0	2	DL9UR	20,265	138	0	35	ED4W	5,940	67	1	19	N41FF	20,430	196	41	4	
					B66GQE	28	4	0	2	DJ5IW	20,162	139	1	33	EA1HV	3,060	37	0	18	N41FF	20,430	196	41	4	
					TA3LHH	22,230	86	0	26	*DF4XF	18,630	157	1	29	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					China	102	11	0	3	*DJ9DZ	17,655	142	1	32	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					BA3RA	90	9	0	3	DJ9MH	16,830	148	1	29	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					*B3PFO	51	4	0	3	DL1BUG	13,695	102	0	33	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					*BY4SZ	30	3	0	2	DL5NDX	13,608	129	0	27	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					B66GQE	28	4	0	2	DA0T	13,516	110	1	30	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					TA3LHH	22,230	86	0	26	*DL6RA	13,468	132	0	26	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					China	102	11	0	3	DL5ST	13,203	124	1	26	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					BA3RA	90	9	0	3	DL1NEO	13,176	126	0	27	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					*B3PFO	51	4	0	3	DL2RMC	12,660	104	0	30	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					*BY4SZ	30	3	0	2	DL9UR	11,961	107	1	26	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					B66GQE	28	4	0	2	DH9GHU	11,745	94	1	28	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					TA3LHH	22,230	86	0	26	DL1ATZ	11,475	102	0	25	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					China	102	11	0	3	DL1SWT	10,128	112	0	24	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					BA3RA	90	9	0	3	DK5TA	9,913	115	0	23	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					*B3PFO	51	4	0	3	DJ5CT	9,675	111	0	23	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					*BY4SZ	30	3	0	2	DK1AX	8,855	101	0	23	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					B66GQE	28	4	0	2	DL2A	8,717	101	0	23	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					TA3LHH	22,230	86	0	26	DK5KK	8,602	107	0	22	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					China	102	11	0	3	DG0LFG	8,476	71	1	25	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					BA3RA	90	9	0	3	*DM5Z	6,878	97	0	19	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					*B3PFO	51	4	0	3	DG2NMH	6,720	65	0	24	EA1SV	3,060	37	0	18	N41FF	20,430	196	41	4	
					*BY4SZ	30	3	0	2	DK2CX	5														