

Number groups after call letters denote following: Band (A = all), Final Score, Number of QSOs, Zones, and Countries. An asterisk (\*) before a call indicates low power. An "A" after the band indicates Assisted category. Certificate winners are listed in bold. Late logs and logs not eligible for an award are listed in italics.

# 2019 CQWW DX CW RESULTS

## SINGLE OPERATOR

### NORTH AMERICA

#### United States

#### District 1

N2IC	A	7,062,952	4156	121	480
(OP: 6K1ZZ)					
W1KM	*	7,021,120	4185	129	464
K0ZM	*	6,554,400	3145	133	475
N1UR	*	4,664,860	2977	125	447
K1DG	*	4,624,870	3072	115	430
W1WFF	*	4,282,870	3022	122	347
K1RM	*	1,570,300	1384	88	322
W1WJ	*	844,360	805	85	292
NB1N	*	706,160	917	53	227
K1YT	*	684,342	622	101	313
N1QY	*	594,616	685	77	242
N1CGP	*	394,381	521	77	222
N1VC	*	227,691	351	56	187
(OP: 6V1VC)					
K1RO	*	127,088	247	48	140
N1X1	*	108,216	251	54	113
K3IU	*	70,422	213	37	84
N1NN	*	70,144	206	38	99
W1CM	*	44,804	180	24	68
W2HP	*	31,236	184	34	80
K1LU	*	26,754	123	26	72
W1AT	*	25,856	111	33	68
W1XX	*	24,985	111	31	64
K1WR	*	18,880	108	22	58
W1OHM	*	11,592	75	22	47
W1DAD	*	3,483	37	18	25
W3ADK	*	45,243	197	20	79
K1EA	*	28,116	163	16	55
W1HI	3.5	22,173	132	13	48
K7GM	1.8	61,370	239	19	76
K1J1	*	39,783	183	20	69
N1PGA	*	7,987	75	13	36
*K1BX	A	1,509,687	1265	94	329
*K1HT	*	622,720	695	78	242
*W1AO	*	423,168	502	80	224
*N1DC	*	417,806	499	80	237
*K1M1	*	389,280	450	69	196
*K1E1	*	288,107	376	56	177
*K1Y1	*	191,196	365	39	149
*N1D1D	*	184,482	338	57	165
*W1V1V	*	128,856	315	42	135
*K1C1S	A	123,888	279	46	128
*K1V1T	*	82,008	209	48	105
*W1C1C	*	77,736	210	48	116
*K1C1E	*	69,208	149	49	89
*W1C1C	*	38,586	128	31	87
*K1M1C	*	37,846	122	35	92
*K1O1O	*	11,319	57	29	48
*K1A1S	A	10,626	69	17	52
*K1NS	*	8,330	64	23	47
*W1G1S	A	5,246	52	14	29
*A1J1D	*	4,508	42	18	31
*K1L1H	*	1,742	49	29	38
*K0WR	*	225	8	7	8
*K1G1R	*	208	8	5	8
*A1B1J	21	17,608	96	17	54
*W1A1E	*	495	12	7	8
*K1V1S	14	192,372	499	26	112
*W1H1B	*	1,887	46	11	26
*K1H1S	7	172,483	462	28	109
*N1C1W	*	6,160	39	10	30
K5ZD	AA	7,562,791	3789	147	566
N9NC	*	4,458,188	2577	126	467
W1GD	*	3,725,847	1992	135	522
K1RX	*	3,206,274	2349	109	393
A1O1N	*	2,869,587	1815	122	445
K1AR	*	2,862,535	1703	123	488
W1X1S	*	2,298,135	1252	125	520
K1VR	*	2,100,618	1107	148	461
W1F1J	*	1,761,000	1283	108	392
W1QK	*	1,700,592	1267	104	395
KB1EFS	*	1,489,011	1097	112	407
W1RM	*	1,286,220	101	129	453
K1ZE	*	1,005,125	770	106	367
N8RA	*	945,944	810	91	333
K1B1E	*	936,280	961	82	274
K1UB	*	890,425	703	105	350
W1CTN	*	868,120	767	98	342
N1XF	*	844,585	741	93	316
W3EP	*	781,326	811	85	286
K1A1O	*	740,012	756	74	290
N1FO	*	680,690	594	100	330
K1RV	*	669,060	629	93	312
W1UK	*	661,254	531	93	373
K1NU	*	622,221	633	10	30
W1NK	*	614,704	593	84	289
W1DX	*	611,466	507	102	355
(OP: W1AN)					
W1GF	*	594,076	638	68	275
N1SS	*	582,842	575	82	295
K1SM	*	539,712	693	65	223
N1B1	*	534,378	502	91	312
W1C1J	*	519,050	633	93	317
N3ER	*	516,912	700	60	204
W8AP	*	507,744	517	80	289
W1EM	*	498,641	645	69	248
W1V6G	*	363,255	347	96	301
A1V1	*	361,032	347	92	300
K1VMT	*	360,490	609	48	187
W3IZ	*	340,268	501	55	202
N1JT	*	282,569	432	63	196
W1X1J	*	264,160	409	64	190
K1SND	*	238,554	387	62	199
W1B1	*	195,517	359	56	161
K1TH	*	193,623	328	54	179
AB1JV	*	127,710	222	59	156
K1PL	*	126,524	268	56	132
N1MG	*	122,876	223	62	159
N1MGO	*	104,995	242	61	196
W1RX	*	104,250	274	37	113
W1NSK	*	94,428	231	44	128
K1JB	*	78,492	163	77	134

KV1J	*	67,900	152	59	116
WU1TU	*	64,787	251	27	106
(OP: K1A1R)					
W2JU	*	32,944	158	17	54
W1FA	*	29,568	132	17	60
W2JG	*	27,210	158	31	60
N1MD	*	14,299	65	25	54
K1OX	*	13,317	75	19	50
AA1O	*	6,324	46	15	36
K2KA	*	6,174	47	26	37
AK1MD	*	3,705	48	22	35
K1IB	21A	16,870	91	18	52
W1FD	7A	60,145	178	33	82
K2RR	1.8A	19,271	106	16	66
*K1SJ	AA	2,145,792	1524	107	401
*W1NT	*	1,970,453	1362	109	418
*K1VU	*	1,786,540	1337	112	378
*W1PY	*	1,369,718	1075	97	357
*N1MC	*	576,268	659	62	246
*W1ARY	*	536,640	672	67	249
*K1DJ	*	438,470	405	78	248
*W1DYJ	*	297,528	408	64	212
*N1API	*	273,790	389	62	200
*K1EXC	*	233,220	374	56	174
*N1K1S	*	221,774	372	56	161
*K1LND	*	196,860	304	59	196
*K1K1Z	*	137,610	272	53	145
*W1WJF	*	119,599	235	14	73
*N1F1H	*	103,648	236	14	72
*K1TR	*	102,087	200	52	147
*K1IG	*	79,530	175	37	128
*K1FFX	*	79,242	222	35	106
*K1UN	*	70,563	201	33	96
*K1X1S	*	61,341	168	41	120
*K1P1L	*	60,325	175	31	96
*W1M1M	*	32,883	125	27	73
*KAZKN	*	29,925	107	30	75
*N1GR	*	28,985	135	21	64
*N1DG	*	24,075	89	26	81
*N1TK	*	18,954	96	20	58
*W1EQ	*	18,900	83	29	61
*A1E1R	*	6,552	50	15	41
*N1U1P	*	6,380	46	19	36
*W1WB	*	5,511	33	21	37
*K1A1Q	*	2,072	27	14	23
*K1K1Q	*	527	11	6	11
*W1O1N	*	320	10	8	8
*K1A1C	14A	55,969	221	20	77
*AB1X	3.5A	1,248	23	8	18
*N1C1X	7A	4,905	45	10	35
(OP: W1ABXY)					

District 2	A	8,318,024	4570	141	520
(OP: 6N20Z)					
K3EL	*	2,871,540	1924	120	410
K2BV	*	2,376,510	1745	111	371
K1ZM	*	2,303,355	1066	110	365
K2WJF	*	1,523,910	1193	111	373
W2XL	*	901,212	1035	78	240
N2S2N	*	809,002	735	100	309
N2YB	*	633,760	716	88	252
N2S2M	*	371,776	461	83	231
W2O1B	*	360,528	501	78	218
K2D1B	*	326,684	391	62	171
K1A4A	*	114,464	126	55	41
W2QL	*	81,312	221	45	123
K2R1R	*	67,280	181	48	97
KB2KOL	*	15,555	76	27	58
W1J2O	*	4,708	39	15	29
K2K2J	*	2,001	26	10	19
KAZAEY	*	945	19	11	16
W2F78W	21	96,728	342	21	87
K2ZF	7.5	96,672	306	24	80
N2JJ	3.5	69,550	233	20	87
W2ID	1.8	56,595	279	16	61
W2V2O	1.8A	29,480	142	18	70
*A2F2	A	208,103	349	47	170
*K1V1S	14	186,348	346	55	157
*W2JQK	*	165,275	330	66	209
*W2V2Q	*	137,984	278	50	146
*K2SDS	*	133,245	274	49	140
*N2Y2H	*	98,808	232	53	126
*K2Z1R	*	90,306	228	48	125
*W2X2K	*	76,581	215	30	97
*W2D2E	*	70,028	194	46	118
*W2V2F	*	67,146	204	24	90
*AC2LR	*	61,104	170	44	108
*K2TVL	*	50,932	181	31	82
*W2N2L	*	45,453			

*K4EU	1,176	19	8	16	K4EA	141,658	408	29	108	*AC5AA	30,564	106	38	70	*N6TQ	42,240	132	58	74	*KFR7	69,498	196	57	105	
*K4M2	440	16	10	12	AB4B	113,560	357	30	106	*KD2K	30,504	116	43	81	*K0DTJ	16,170	63	43	55	*W7GF	40,320	154	45	67	
*N21D	289	10	8	9	K4YL	28,032	116	20	76	*K02LM	26,335	118	43	72	*NA6Q	13,510	93	32	38	*KD7H	39,037	142	41	62	
*WB4FOC	7	115,764	393	32	N4DU	23,490	124	20	61	*N0GIM	25,500	107	37	65	*AF6GJ	11,664	83	34	38	*W7MTL	37,400	141	47	63	
*WB4AAA	98,125	(OP: W1FCN)	320	29	387	N4YF	19,720	121	13	55	*K6S4UU	25,365	111	34	61	*N2JRN	9,333	104	29	32	*W7G5V	31,752	133	42	66
*N3GD	10,250	93	14	36	AD4W	1.8A	38,548	170	20	72	*AA5TD	18,720	69	36	69	*W7D0D	6,838	62	22	28	*W7D0D	24,811	127	42	66
*WA4MQW	2,720	76	12	28	W4JVN	16,576	98	18	56	*W5CSD	14,985	82	28	53	*K6EGLA	5,100	47	22	28	*AF7NX	24,300	101	41	49	
*W04X	836	21	7	17	N4CC	15,038	76	17	56	*W5SBR	12,960	63	33	57	*W6NKR	4,956	65	28	31	*ACTAF	18,696	95	34	48	
*N04K	616	17	8	14	KR4F	5,568	55	13	35	*WA5RR	11,703	86	32	51	*N6CG	4,704	64	26	30	*K7CITP	17,544	84	39	47	
*K4K4CJ	20	2	2	W5JR	4,998	55	12	30	*WA6EEM	9,177	63	27	42	*AA6XA	4,032	37	23	25	*N7J1	16,272	97	36	47		
*K4M3TE	6	1	1	K4ZJR	2,448	33	9	27	*ABRYZ	6,438	130	24	34	*K8BJ	3,640	51	18	22	*K7AZT	15,912	89	32	36		
*W4D0	3.5	11,184	9	13	35	K4ZJR	1,434,200	1064	114	367	*K5WV	2,736	42	21	27	*K6AAB	3,589	44	15	22	*K7AZN	9,152	66	33	31
*W4D0	AA	2,802,228	1707	131	467	*W4PM	531,032	200	77	251	*K5CRJ	1,376	23	13	19	*N2JRN	3,432	38	22	20	*K6ZY	24,912	107	22	33
W4NF	2,712,630	1788	119	451	*AA4R	457,045	549	76	247	*N5ZJ	1,071	25	10	15	*K6DQJ	1,935	22	21	23	*K8TKA	5,588	80	26	31	
K3IE	2,652,462	1664	129	477	*WESP	404,602	481	94	253	*K5IX	64	6	3	5	*W6DTE	1,664	24	17	15	*K7ARJ	5,355	43	22	29	
N4QS	2,457,792	1461	140	472	*K4OAO	261,300	371	77	191	*W5SWG	63	6	3	5	*K6MDOV	182	26	8	6	*W7BP	2,124	25	18	18	
N4RV	2,444,492	1886	109	369	*K2MK	259,182	419	61	170	*K05LL	24	3	3	3	*N6RM	4,320	42	15	25	*W7VO	1,870	55	18	16	
K0ZR	2,235,574	1250	141	521	*W4M1	224,436	371	59	177	*NSDIT	28	130	8	4	*N6BHX	72	9	5	4	*AA7UN	1,755	24	12	15	
N1LN	2,191,072	1336	134	464	*N4KM	216,752	342	56	192	*K5MBA	14	682	24	10	*K6MVEK	1,160	27	9	11	*K7X9	1,075	28	12	12	
N4ZZ	2,031,540	1519	103	387	*N4PSE	154,014	293	47	146	*K5ICW	312	9	6	7	*K6PH	665	16	9	10	*W7VS	2,912	20	22	12	
N6AR	1,727,948	1137	129	447	*W3US	140,967	269	61	146	*W4DU	7	182,160	492	32	112	*K6GTV	704	6	4	4	*N6ITV	460	15	12	11
N4HB	1,544,400	1089	115	405	*N5TO	119,952	233	56	148	*K6WQ	1	121	7	6	*A16ZV	30	5	3	3	*K8TBJ	45	6	5	4	
K4PI	1,526,576	997	131	453	*N4VO	109,324	239	48	133	*K5DCT	2	121	7	6	*K6QCV	7	105	7	4	*K87HDJ	14	852	24	6	
N3JT	1,437,648	1065	106	382	*K4GM	106,977	236	52	117	*KHGK/W5.1.8	5.715	75	12	33	K6MR	AA	1,249,990	945	140	350	N8GU	462	19	7	7
N4UU	1,409,501	1634	90	289	*W4PIU	102,350	222	45	133	*W05BJT	1,421	26	10	19	N6RV	1,153,676	1175	97	282	K8ANM	28	6	4	3	
N4MX	1,355,230	843	131	459	*K3TD	101,258	200	65	132	W0VX	AA	1,240,020	924	126	372	N6TK	1,014,552	1033	103	275	*K6G0	75	5	3	2
WJ2D	1,287,594	1027	104	358	*KEAQ	99,186	224	59	124	K5UA	1,090,975	930	96	329	N6XG	895,254	844	116	286	*K7P5J	7	24,050	124	23	51
K4XL	1,280,202	955	107	382	K4FN	91,180	202	53	130	K5TU	997,704	813	104	338	N6JN	784,515	774	115	277	*AA4Q	6,232	64	15	28	
N0BE	708,595	697	97	318	*K4NMR	85,860	194	40	110	K6KJ	799,712	696	110	328	W6KN	739,549	963	103	246	*W7FJG	1	1,120	32	26	
W3IP	1,098,048	768	120	396	*N4DE	74,970	182	43	110	W5NE	792,560	685	104	329	W6DR	560,174	630	108	238	*N7VPM	3.5	2,075	35	15	
KX4TT	1,059,744	858	116	382	*N3MM	73,950	196	36	109	W5GN	753,844	875	90	274	K6OK	495,990	568	97	233	*W7DRA	1.8	80	8	4	
N3CW	1,043,288	825	111	370	*K4BX	73,622	207	37	94	N5XJ	652,428	632	94	284	N6QQ	327,344	426	98	230	AA	2,524,404	1490	149	484	
N4DW	956,536	821	96	338	*W2OL	68,101	171	44	107	W5TM	630,984	578	111	320	N6IE	318,828	410	104	222	K2PO	2,100,263	1862	127	316	
AA4V	857,808	624	118	400	*K4JM	57,850	169	39	91	K8LS	608,592	644	102	270	K6RO	246,558	382	88	167	K7RL	2,099,296	1839	122	329	
W44PGM	823,897	714	95	326	*N1OKL	54,460	155	48	92	K5BG	571,200	639	91	249	N6US	181,293	236	95	196	K6LL	1,944,954	1417	135	382	
K5EF	773,332	585	115	382	*K4FAY	52,260	164	40	94	AC4CA	550,942	614	81	241	N6TD	178,704	239	92	180	K4XU	1,194,120	1111	137	349	
W4EE	708,595	498	67	318	*K2MRK	49,202	144	48	98	K4SM	416,860	406	94	286	K6TD	152,975	183	71	140	K6B8M	1,324,710	1226	118	292	
N4PD	704,295	621	99	324	*W4DAS	46,827	144	37	92	K5VJ	416,960	406	94	286	W6TMD	150,732	249	77	160	W2JUN	925,518	875	122	285	
NX3A	699,286	644	91	307	*K4YF	45,920	152	28	84	W5KJ	364,311	450	89	220	K5OA	150,586	348	72	134	K07SS	741,080	710	97	291	
W1IE	654,472	648	100	334	*W4TMM	44,690	160	31	78	K9MK	341,330	416	91	228	K6RM	125,643	258	61	132	K7Q2A	588,566	674	103	238	
K5VP	634,180	639	77	293	*K3AD	33,480	90	30	95	N6US	287,811	389	80	203	N6US	101,830	239	66	104	N7EPD	524,876	623	100	216	
N4DY	630,168	684	90	273	*N4N4R	33,158	104	40	78	W2GS	221,130	346	78	165	K6MI	101,598	230	67	110	N9NA	504,339	602	90	252	
W3GQ	605,183	610	88	279	*W4NFM	31,595	163	22	67	N5WNG	217,464	329	72	174	W4JURY	94,416	220	62	106	K7JZ	458,547	566	101	229	
K8AC	599,040	714	73	237	*K4FAN	28,775	103	33	78	N5TJ	215,397	306	74	199	N6GP	94,180	225	50	108	K7UD	458,208	619	100	206	
N3MK	581,152	586	97	318	*N0WY	26,748	88	32	78	W5NK	207,475	353	52	163	K6RF	89,775	103	67	140	K7HP	450,840	490	115	299	
N4VV	567,777	526	96	303	*K1ATZ	23,407	110	22	67	N5WK	207,475	353	52	163	K6RC	88,722	210	61	98	W7SW	325,000	519	75	175	
AA4DD	546,012	571	83	265	*K4MIL	22,248	102	33	75	K5NA	138,672	251	83	131	N6IC	87,906	226	55	106	W5TL	322,908	457	96	188	
W3JA	513,408	555	85	251	*K43MTT	21,600	79	41	67	K5JY	129,536	319	68	113	(OP: KJOD)	86,416	200	68	108	K7GS	294,828	429	70	144	
N4KH	510,996	501	96	292	*K4EES	19,012	98	34	63	N5KD	124,146	294	48	123	KKGM	75,776	226	48	100	W5UJ	229,440	402	68	172	
K2WK	451,328	514	80	248	*NG2J	13,770	62	35	55	K5FNQ	111,244	209	65	138	W6RC	69,917	212	56	83	W7V0	227,448	373	85	158	
W4XO	434,435	522	74	249	*K5AS	13,392	78	21	51	K5VK	102,856	225	45	139	W6GH	60,984	151	54	100	W9B	225,298	351	84	170	
W6NWS	399,345	455	87	250	*W4EE	11,580	73	19	42	K5CK	74,117	202	38	99	N6GR	60,344	190	45	81	W7C1	211,554	365	64	143	
W2Y2	392,498	498	66	234	*K89D	8,980	52	15	47	N5DD	71,796	160	58	135	N6GO	58,890	150	50	102	K0ZFFP	175,230	335	66	132	
K1KK	380,061	438	92	257	*W4WNT	8,208	56	25	47	W5JAA	63,189	175	51	102	NG6X	58,776	196	61	97	N1SL	161,756	299	63	149	
N4FC	380,030	497	69	236	(OP: HK1A)	4,018	34	19	30	N5KAE	50,050	128	48	106	W6KC	50,337	147	48	93	NG7M	147,516	259	73	155	
KE4S	371,520	527	61	209	*N2GT	2,646	50	20	22	N5KBT	150,434	152	22	82	N6JG	43,194	125	53	85	K6KR	115,830	224	68	130	
N3VN	339,829	435	77	224	*K1NA	1,178	24	13	18	W45BDU	32,040	102	39	59	W6IA	39,928	129	48	76	KH8D/W7	99,144	226	80	163	
W4VP	338,625	371	105	307	*K4NPS	1,064	18	11	17																





<b>Martinique</b>				<b>Mauritania</b>				<b>RT8U</b>				<b>*TA2NC</b>				<b>*WU2NYM</b>			
FM5KC	A	5,237,120	4193 134 426	5T0AA	AA	4,091,472	2487 145 429	UA9MMA	*	4,576,436	3525 142 414	*TA3ATE	7A	1,800	49 12 29	*WU2PKR	A	175,420	407 49 130
FM5FJ	7	113,960	680 23 65	5T5PA	*	4,408	37 24 30	UA9R9S	*	2,927,400	1792 127 473	<b>Azerbaijan</b>				*WU2RZ	A	21,013	31 11 22
<b>Mexico</b>				<b>Morocco</b>				<b>UA9CDD</b>				<b>*4K9W</b>				*WU2JOS	A	306	11 8 10
XE2JK	A	312	54 8 5	*CN9YR	A	4,914	44 12 27	RX9WNV	*	1,675,541	1491 95 318	*4K6FO	1.8	45,528	309 11 45	*WU2ZHC	A	6	1 1 1
XE2X	1.8	259,407	1067 27 84	*CN9WW	A	26,650	213 12 38	UA9AFT	*	1,279,278	1121 106 320	<b>Bahrain</b>				*WU2TO	A	2	(OP: DLB7C)
XE2AU	A	30,668	157 30 52	<b>Namibia</b>				UA9A9X	*	658,952	657 96 296	AG92E	A	112,034	302 33 106	*WU2PL	A	1,146,559	1405 85 232
XE1AY	21	45,520	61 16 24	5V5A	A	7,492,197	5388 108 363	UA9AJU	*	642,507	1027 161 511	<b>China</b>				*WU2DP	A	280,770	257 62 148
XE1CT	A	364,735	1461 29 90	5V1WH	21A	53,298	168 29 72	UA9AYE	*	468,935	599 67 228	BA7NO	7	330,360	1199 33 87	*WU2ZMK	A	93,525	579 30 99
XE2B	AA	771,970	1066 89 234	*S9UAM0	A	1,244,469	1347 84 255	UA9B0J	*	275,704	526 77 164	BG9HKP	7	16,592	127 18 43	*WU2NKS	A	73,610	178 51 119
XE1IMEX	AA	31,868	98 39 85	<b>Niger</b>				RO9O	*	57,912	190 35 79	BA4TB	3.5	61,512	419 25 63	*WU2BI	A	49,848	161 43 91
XE2T	AA	20,512	17 15 15	5N7Q	7A	1,014,846	2391 32 114	UA9TO	*	33,072	153 18 16	BH400	1.8	5,724	109 12 24	*WU2VQ	14A	6,480	62 15 30
4A5E	21A	15,369	205 17 30	<b>Nigeria</b>				RK9CR	*	420	16 14 16	*BA3MM	A	305,320	1001 55 115	*WU2CDP	7A	12,240	70 19 49
XE2S	7A	248,274	984 30 87	<b>Reunion Island</b>				RW9SA	28A	1,408	41 11 11	B07JNA	*	185,740	539 65 120	*WU2DCD	AA	105,125	268 42 103
XE1TM	AA	6,138	36 28 34	FR4NT	21	30,250	206 14 41	RBLA	21A	112,988	479 24 79	B02DMO	*	174,825	495 65 120	*WU2AE	A	36,663	120 38 73
<b>Nicaragua</b>				FR4SC	21A	299,200	990 24 86	RW9SW	*	462,892	315 65 69	BG6GDE	*	78,396	314 50 91	*WU2ZAB	A	27,930	108 44 70
*Y2NC	A	3,827,422	4235 106 303	<b>Sierra Leone</b>				RZ9YI	14A	452,892	1399 26 106	B04XDT	*	61,238	250 50 84	*WU2KJW	A	15,754	92 33 54
<b>Panama</b>				9L1YXJ	AA	81,522	247 37 89	UA9LAA	7A	799,425	1983 36 129	B08CZM	*	48,272	227 38 74	*WU2GRM	3.5A	5,040	57 13 27
HP3SS	A	1,184,799	2149 59 194	<b>South Africa</b>				UA9SCT	*	374,558	1073 32 105	BH4JUT	*	43,240	158 39 76	<b>Israel</b>			
*3E1FP	14	21,912	153 19 47	*ZS2NF	A	516,240	834 60 156	R0F7B	*	349,056	1036 30 114	B07BZC	*	22,650	230 31 44	4Z5YI	3.5	181,743	830 18 69
HP1XT	14A	53,064	350 19 53	*ZS6S	*	42,127	145 33 70	RW9SDA	*	299,619	890 29 108	B07JWC	*	16,450	100 40 54	*4Z501	A	130	7 4 6
<b>Puerto Rico</b>				*ZS6ZA	*	3,168	38 20 24	RX9OK	*	41,912	151 30 74	B04RWR	*	8,346	93 29 39	*4X0A	2B	132	9 8 4
*KP4JFR	A	52,959	154 40 99	Z1C	AA	182,750	413 49 121	RX9CAZ	3.5A	451,415	1189 30 107	B07SRM	*	7,605	61 28 37	*4Z5FW	14	4,224	50 8 25
*KP4WQ2N	A	29,424	232 9 39	Z54TX	AA	68,191	249 33 64	RL9O	*	119,168	502 21 77	B07ODG	*	7,500	116 33 42	*4X/R3HD	A	2,523	33 10 19
*KPL3L	28	1,035	26 7 8	<b>St. Helena</b>				R8TT	*	101,108	397 15 77	BA2BA	*	3,400	80 17 17	4X6FR	AA	9,799,972	4927 128 444
*WP4WW	21	1,370	141 3 2	*ZD7W	A	7,916,800	4356 146 494	RA9V	*	10,944	64 18 58	B07NPD	*	920	23 9 14	4X6SP	A	159,512	364 38 119
*WP4J	14	2,604	32 13 18	*ZD7BG	A	10,404	103 16 20	R8WF	1.8A	231,441	861 22 91	B07VQF	*	22,122	12 10 10	4Z1DZ	A	11,880	73 19 41
*NP3YL	7	46,104	406 12 39	<b>The Gambia</b>				R9DS	*	227,502	900 24 82	B04LW	*	736	22 11 12	4X2M	21A	620,912	1500 33 118
*NP4AW	3.5	116,194	668 13 69	C56XA	14	787,248	1874 33 111	R9DB	*	220,317	870 22 81	BH4VIP	21	4,715	19 4 6	*4X1ST	AA	12,489	70 25 44
*NP3F	1.8	221	18 4 13	C56DF	7	899,662	2082 34 115	RK9LVA	*	28,273	228 10 39	BA3AX	*	48	12 4 4	*4Z5LU	14A	36,120	254 15 55
NP3V	3.5A	496	16 7 7	<b>Tunisia</b>				UA9LUX	*	1,116	49 6 12	*BG8XM	14	24,485	239 18 41	*4Z5LX	3.5A	29,176	209 11 45
*KPG3	7A	50,670	229 19 71	*3V8SS	A	5,476,305	4225 102 363	*UA9R	AA	986,670	1135 75 267	BG4TMC	*	22,568	221 16 40	*4Z5TK	A	5,760	60 9 27
<b>Saba &amp; St. Eustatius</b>				<b>Tunisia</b>				*UA9Z	AA	651,780	909 67 203	BH4XDC	*	1,806	58 8 13	*4Z5SM	1.8A	22,560	169 10 40
PSJ/				<b>Maritime Mobile (Africa)</b>				*R9SS	*	523,998	785 57 201	BH3RPO	*	540	16 7 8	<b>Japan</b>			
SP5E0EZ	7A	755,020	2316 32 108	*L1U1DB/MM14	52,712	215	24 64	*R9SR	*	386,835	592 65 190	B03KZD	*	450	26 9 9	<b>District 1</b>			
V47T	A	12,512,143	8559 137 480	*F5MYK/MM 7	2,835	33	13 22	*R9S8	*	350,994	793 50 133	B06AHD	*	8	2 2 2	JR1JUV	A	555,180	798 111 174
V4/WX4G	14	540,831	2000 27 96	<b>ASIA</b>				*R9S9	*	150,520	410 64 132	B05ERM	*	4,408	70 16 22	JR1BMJ	A	496,664	616 125 218
<b>St. Kitts &amp; Nevis</b>				<b>Afghanistan</b>				*R9SD	*	125,347	348 47 116	B04RTH	*	870	42 6 9	JAI1AZ	A	303,600	529 70 130
*J68HZ	A	48,510	138 44 103	T6A	A	4,453,344	3864 105 513	*R9SE	*	84,300	227 38 112	B04RTH	3.5	1,512	52 12 16	JH1EVD	A	283,503	566 78 155
*J68GD	A	323,910	1191 25 93	<b>Asiatic Russia</b>				*R9SF	*	63,855	198 39 96	B06SNJ	*	143	15 6 5	JH1EVD	A	262,440	531 82 134
<b>St. Martin</b>				<b>District 9</b>				*R9SG	*	53,655	205 26 79	BA400	1.8	2,952	117 11 13	JAI0QW	A	212,132	454 61 117
*FS/VA3DF	14A	223,450	884 21 88	RM9I	A	4,827,636	3781 122 379	*R9SH	*	51,600	139 50 100	BA400	AA	1,110	11 5 6	JAI0QW	A	196,328	459 72 122
<b>U.S. Virgin Islands</b>				RA9P	A	4,814,484	4161 110 343	*R9SI	*	194,000	129 13 42	BA7OT	AA	1,530,188	1646 119 300	JAI0QW	A	187,374	307 53 56
KP2M	7	1,754,051	4152 36 133	UA9BA	A	3,710,400	2730 114 366	*R9S2	*	20,845	129 10 42	BA7IO	A	814,878	1377 92 214	JAI0QW	A	155,142	300 82 139
NP2J	1.8	316,622	1319 18 80	UA9BB	A	1,850,940	2250 92 272	*R9S3	*	8,165	57 32 39	BD4WN	*	389,640	542 109 231	JAI0QW	A	99,456	231 50 78
*KP2DX	1.8	6,690	120 9 2	UA9BC	A	918,696	1115 65 248	*R9S4	*	7,625	53 20 41	BD2RJ	*	40,590	179 35 55	JL1QLT	A	76,136	244 40 84
NP2P	AA	4,923,050	4274 123 427	UA9BD	A	697,425	1270 67 188	*R9S5	*	3,348	50 12 19	BG2WRJ	*	988	23 12 14	JAI1XR	A	63,196	173 57 91
NP2X	A	1,782,787	1978 104 285	UA9BE	A	491,250	782 61 189	*R9S6	*	25,982	791 65 199	BH4SCF	*	105	11 7 8	JE1VTZ	A	71,760	170 58 98
<b>AFRICA</b>				UA9BF	A	242,672	394 60 172	*R9S7	*	12,814	152 14 14	BG3UPA	A	90	24 2 2	J01CIV	A	62,348	166 57 86
<b>African Italy</b>				UA9BG	A	159,344	328 47 137	*R9S8	*	83,248	445 16 70	BATNO	21A	20,928	610 25 61	JRIJCB	A	61,204	216 63 80
*IH9/OL3R	14A	755,712	1790 31 113	UA9BH	A	88,350	249 42 108	*R9S9	*	3,408	50 12 19	B07LMD	21A	2,016	75 9 9	JAT1MM	A	33,653	207 53 56
*IH9/OK6RA	7A	1,058,359	2411 32 119	UA9BI	A	52,440	223 31 89	*R9SA	7A	381,480	868 34 131	(OP: BA7PC)				JAIUXX	A	51,337	159 61 82
<b>Canary Islands</b>				UA9BJ	A	16,104	106 17 44	*R9SB	3.5A	106,272	471 16 66	BA4ND	14A	374,289	1365 29 94	JJ1VFE	A	46,805	175 48 67
ED8W	7	1,367,224	3301 33 116	UA9BK	A	5,537	49 16 33	*R9SC	1.8A	49,364	237 15 67	BH1EBF	*	19,800	222 16 39	JH1DGD	A	37,092	117 51 81
EAB8MG	1.8	10,176	92 9 39	UA9BL	A	341,824	1186 29 83	*R9SD	14A	83,248	445 16 70	KJ1UUV	A	14,899	119 11 36	JR1LEV	A	18,600	112 37 38
*EF80	A	848,640	1149 62 198	UA9BM	A	171,496	741 23 74	*R9SE	14A	3,348	50 12 19	J01S1M	A	15,680	100 35 45	J01S1M	A	15,680	100 35 45
*EAB8QM	A	270,756	680 43 95	UA9BN	A	117,936	692 18 60	*R9SF	14A	28,145	152 14 14	J01NDM	A	10,981	59 34 45	J01S1M	A	15,680	100 35 45
*EAB8P	A	212,976	406 59 145	UA9BO	A	48,138	290 13 58	*R9SG	7A	129,813	65 27 32	J01NDF	A	10,981	59 34 45	J01S1M	A	15,680	100 35 45
*EABAQV	A	122,500	249 51 124	UA9BP	A	32,391	206 12 47	*R9SH	14A	12,814	152 14 14	J01NDF	A	10,981	59 34 45	J01S1M	A	15,680	100 35 45
*EAB8R	A	3,239	31 18 23	UA9BQ	A	27,036	163 10 42	*R9SI	7A	28,112	360 31 33	J01NDF	A	10,981	59 34 45	J01S1M	A	15,680	100 35 45
*EAB8/OL1A	21	134,514	515 23 71	UA9BR	A	650,399	973 66 197	*R9SJ	7A	13,363	65 27 32	J01NDF	A	10,981	59 34 45	J01S1M	A	15,680	100 35 45
*EF8P	A	113,620	439 21 71	UA9BS	A	470,454	698 65 202	*R9SK	7A	13,363	65 27 32	J01NDF	A	10,981	59 34 45	J01S1M	A	15,680	100 35 45
*EAB8/OK2GG	14	90,620	370 21 71	UA9BT	A	396,704	673 51 173	*R9SL	7A	13,363	65 27 32	J01NDF	A	10,981	59 34 45	J01S1M	A	15,680	100 35 45
*EAB8QV	A	76,506	456 21 61	UA9BU	A	355,192	592 43 189	*R9SM	7A	13,363	65 27 32	J01NDF	A	1					









*G9F	92,114	495	21	85	*R50Q	186,826	676	53	165	R3RR	10,020	117	13	47	UA4NE	7A	229,040	894	31	109	*R66C	5	3,922	55	15	38			
*G4EDG	5,830	68	14	39	*RT5X	166,290	541	58	183	RSCA	4,770	58	12	41	UA4PN		84,992	447	30	98	*R6CW		3,723	39	18	33			
*GBX	7A	249,152	1300	26	110	*R2P2	165,243	550	47	176	*R3AGN	AA	1,002,084	1411	94	358	UD4F	3.5A	473,620	1828	38	132	*R76DX		3,634	67	13	33	
*MOOVE		23,698	263	15	65	*R3YFL	138,504	520	46	153	*UA3QA		656,280	1269	77	283	RA4PQ		28,240	323	14	66	*R7K0		54	3	3	3	
*G3KNU		17,422	210	12	50	*R3UJ	126,415	491	46	147	*R3VL		410,974	1034	64	221	R04PU	1.0A	87,847	503	23	84	*R7M7	14A	217,932	887	35	121	
*G4ETS		1,110	27	8	22	*R3DAD	116,380	363	44	113	*R55G		290,570	739	64	232	*R785	AA	740,259	1008	199	374	*R7CA		116,255	433	33	118	
*M5EVT	3.5A	19,388	194	13	61	*R3AYD	115,083	494	40	131	*RASSI		294,680	683	61	204	*UG4A		479,655	914	77	246	*R6NCV		21,248	157	21	62	
*G4AYU		28	3	1	3	*R3ZAV	109,480	326	65	165	*RX3Z		295,450	760	70	215	*RU4JL		392,392	614	87	277	*R6C7	7A	136,869	576	26	103	
*G3RLE	1.8A	20,034	259	10	53	*R3XP	107,670	488	41	144	*UA3QAM		258,210	559	68	217	*UA4CNS		282,150	714	60	225	*R7CT		8,614	114	12	47	
*G4XEE		4,004	72	7	37	*R3N3A	102,856	413	44	128	*UA5R		243,528	548	95	303	*RA4HBJ		201,958	658	61	217	*R6KEC	3.5A	4,680	105	8	31	
						*R3DFT	101,352	360	41	123	*RQ3M		242,750	716	55	195	*RA4DAR		204,877	503	67	196	*R7RF	1.8A	22,780	290	10	47	
						*R3N3A	95,742	494	36	126	*RT5P		201,985	657	57	189	*RALC		201,958	658	61	217	*R7RA		10,020	117	14	56	
						*R3X3F	92,939	362	45	142	*RZ30M		225,576	778	52	192	*R4WPE		117,702	401	58	176							
						*R3D3R	87,084	402	32	128	*R3E		208,720	700	46	200	*R44T		115,293	268	89	201							
						*UA3RBP	72,230	385	38	117	*UA3PJ		171,535	508	56	147	*R4WTE		101,805	511	39	126	UA9FJG	A	180,574	548	50	176	
*E510D	7	2,278	49	7	27	*R3N3Z	71,252	243	53	135	*RAF5D		156,023	546	41	176	*RU4A		99,876	332	47	156	UA9X0	14	7,584	128	12	36	
ES1TU	AA	191,808	813	37	155	*R2PT	71,024	226	50	143	*RK2M		151,776	409	61	187	*RA4DR		84,680	220	52	180	*RM8G	A	169,800	726	44	156	
ES1CN	21A	7,668	68	19	35	*R3VR	62,300	386	34	106	*RT5O		138,512	440	46	130	*UA4PCF		7,097	55	19	28	*R9XS		219,824	437	41	138	
ESV3I	3.5A	176,064	1030	28	103																								
ES3BM	1.8A	7,128	220	6	30																								
*E57A	AA	1,076,460	1837	100	362																								
						*R2TX	59,280	270	41	115	*R3AQ		108,562	255	50	156	*RD4A	14A	221,850	729	35	178							
						*UA3TJ	54,136	290	41	93	*R3AT		93,532	313	64	143	*R44W4A		140,156	590	30	118	*UA9FM		5,671	101	11	42	
*E52QH		130,720	646	15	65	*R3U3T	52,752	163	44	113	*R3ST		91,532	311	63	143	*R24AG		132,498	441	36	117	*R9XSL		3,444	69	13	28	
*E52QT	14A	2,528	33	11	21	*RM2Z	50,490	212	39	102	*UA3RT		62,580	282	38	102	*R24AG	7A	30,107	212	28	91	*UA9XJ		1,350	36	10	17	
*E52QJ	3.5A	66,990	658	16	71	*RT2H	47,334	294	36	106	*R3M3T		58,590	241	45	110	*R44SM	1.8A	1,392	49	7	22	*UA9FBC		247	7	6	7	
						*R3U3W	38,864	261	24	88	*R3XMM		57,970	181	51	119													
						*RW3AL	38,360	132	51	89	*UI3F		54,237	225	30	149													
						*RZ3DZ	37,536	142	40	98	*RL3F		39,620	142	43	97													
						*UA3GDU	33,264	187	38	94	*R3D3M		38,184	112	52	96													
						*R2AH5	30,336	206	30	98	*RK2A		35,712	178	31	66													
						*R3P3P	30,300	139	44	110	*R3V3L		39,420	179	40	116													
						*R3Y3R	28,644	245	22	71	*R5FN		24,621	206	21	65													
						*RW3DC	28,380	181	32	97	*UA3DUJ		20,408	107	35	79													
						*R3SAOE	26,883	196	31	72	*RX3AFE		12,866	102	21	51													
						*UA3M	25,200	117	40	72	*RA3XT		1,131	15	14	15													
						*UB3MBA	21,726	179	26	76	*R3DA	14A	201,260	731	31	114													
						*UA3GQ	18,236	160	22	72	*R3FZ		137,060	469	36	142													
						*R3Y3A	17,480	156	24	68	*UA3PQF		133,940	497	32	140													
						*R3Z3C	12,732	107	20	56																			
						*UA3XAG	11,020	101	20	56																			
						*RM2P	10,336	109	24	52																			
						*RA3VE	9,315	96	24	57																			
						*R3V3V	8,844	113	15	52																			
						*RZ3DC	8,831	66	31	32																			
						*RW3ZA	7,468	51	29	35																			
						*UB3SAR	1,050	31	8	22																			
						*R3D3K	1,020	25	22	21																			
						*RW3WX	1,050	57	9	24																			
						*R3EE	623	11	9	10																			
						*RZ3AMW	517	11	8	11																			
						*RA3AGF	480	10	8	12																			
						*R2RZ	256	10	7	9																			
						*RA5BB	112	11	7	9																			
						*UA3DLZ	40	6	4	4																			
						*R3D3R	41,900	174	27	85																			
						*R3N3Z	11,154	75	22	44																			
						*UA3UCD	4,386	53	14	29																			
						*R3N3P	3,450	45	13	17																			
						*UA3ABJ	102,342	520	27	84																			
						*UA3DPM	69,012	401	22	86																			
						*RY3F	53,148	340	23	80																			
						*R3U3W	21,910	224	15	55																			
						*R3D3K	16,827	196	9	39																			
						*RA3DGH	4,522	118	6	28																			
						*R3KY	61,452	410	24	84																			
						*R3V3N	37,746	339	15	66																			
						*R5FP	28,288	332	13	55																			
						*RW3VM	17,280	164	16	56																			
						*RW2WR	15,990	196	13	52																			





HABDU	*	450,644	1165	66	160	I2AGOL	*	28,842	366	10	47	I2ZCSX	*	2,016	30	16	26	*YL2CP	*	3,696	74	12	36	PASTT	*	538,656	791	85	277
HAB51	*	358,561	688	78	207	I2AGOL	3.5	95,400	842	14	66	I2ZCSX	28A	3,003	57	10	29	*YL2GP	3.5A	12,775	114	17	56	HAFJMW	*	417,683	739	72	207
HAB7L	21	2,625	48	14	21	IK2SYI	1.8	1,976	56	6	32	I2WBYV	21A	250,743	773	32	127							PASAD	*	413,284	997	62	215
HGBA	3.5	7,439	174	7	36	*IK1JMW	A	967,428	1640	79	229	I18M												PASN	*	252,310	958	48	182
*HGOR	A	1,052,463	1253	112	349	I23NVR		636,724	1186	75	244			108,214	593	29	93							PF5X	*	198,952	566	36	140
*HA7MF	*	544,570	1422	64	231	IK4FEW		436,149	837	74	227	IK6FLX		75,250	241	33	92							PAFM	*	121,239	349	51	123
*HA7MZ	*	343,460	910	65	195	I22GMM		416,723	970	70	211	IK6FLX		51,377	32	32	92							PALELX	*	117,568	539	37	139
*HA7NK	*	291,081	738	60	189	IK2SDD		354,489	892	65	188	IK6FLX		172	50	32	92							PG7M	*	109,368	412	33	91
*HA7UJ	*	276,080	670	62	228	IK2IFR		334,288	674	71	201	IK6YU	14A	748,052	1846	39	149							PAS3DD	*	69,163	392	36	98
*HA7PO	*	207,772	489	63	191	IK1RGR		316,192	540	79	249	IK6YU		666,000	1724	38	147							PAIBX	*	61,046	260	33	94
*HA1TV	*	207,225	607	47	178	I24OSH		310,576	859	76	160	I1NVU		456,036	1167	38	145							PH0AS	*	38,982	183	46	100
*HA3PT	*	100,768	426	46	142	IK0XFD		233,454	763	57	162	I03X		365,672	1009	38	134							PEIHW0	*	28,116	131	33	66
*HA2MN	*	85,185	305	40	95	IK3BYB		229,908	497	61	177	I03X		325,620	996	37	125							PA30ES	*	13,728	100	32	56
*HA9TA	*	40,330	273	30	79	I2ISBP		217,264	370	64	232	IR4B											PA3RA	*	6,900	97	20	40	
*HA2G	*	17,380	176	27	83	IK8BAK		135,864	439	51	153	I3FYI		202,734	825	34	92						PESTS	*	3,450	27	19	27	
*HA156	14	61,568	286	26	79	I23VBC		122,430	291	56	209	I23DVU		49,764	310	22	56						PA1NL	*	2,967	71	10	13	
*HA13U	7	113,280	649	23	97	I22DOS		110,985	356	39	108	IR4K	7A	858,588	2748	38	144							PA1AW	14A	745,920	1855	37	155
*HA6IAM	*	113,109	768	19	92	I02IUT		104,525	356	37	108	I2IF2T		561,622	1802	39	147							PIACOM	7A	516,800	1776	39	151
*HA2E0U	*	31,950	374	13	62	I02IUT		100,149	392	34	129	I22DII		298,408	1289	33	125							PA0JED	3.5A	149,408	978	24	92
*HA9RP	*	11,952	91	22	50	I25EFL		94,340	282	49	129	I23XQO		111,136	549	33	118							PA1CC	1.8A	104,439	873	19	74
*HA8YU	3.5	59,334	578	19	68	IK02TK		83,053	377	40	117	I21PKV		96,446	971	15	68							PA3C	*	25,040	240	15	65
*HA0GK	*	26,536	419	9	53	IK0XPX		77,430	367	34	111	I28DVO	3.5A	96,446	971	15	68							PA0WRS	*	5,832	78	12	42
*HA5CZQ	*	2,520	82	6	24	I3VFLR		74,760	313	35	105	I27CSD		93,984	509	32	100							PA3EYI	*	15,772	164	16	52
HABVV	AA	1,974,565	1317	152	554	I2M2M		71,817	464	27	84	IK7CSD		29,670	264	15	71							PA3CT	AA	2,274,180	2501	124	456
HASA	*	1,462,842	1815	112	365	I3NSMS		67,975	359	32	104	IK5TBQ		1,066	17	10	16							PA3CSQ	AA	855,071	1737	121	258
HAIAD	*	1,005,696	1390	107	281	I25M0Q		62,780	262	39	107	IC8P0F	1.8A	1,205	139	7	58							PA3GN	*	533,970	989	78	271
HASOU	*	844,472	1300	84	289	IK3MFL		57,820	182	44	96	*IR4Y	AA	2,271,948	2261	115	403							PA3F6W	*	396,274	684	83	264
HAFSBO	*	645,876	1175	86	310	IK0VVP		56,400	229	46	104	*IZAJMA		912,646	1686	75	254							PA3L9R	AA	3,966,820	3192	155	575
HASBT	*	405,720	767	66	256	IK0VUD		55,980	223	56	122	*I03A		361,228	1082	92	214							PA3L9R	AA	2,498,892	2082	154	572
HASPT	*	341,320	925	34	93	I0UJLD		52,503	899	52	103													PA3L9R	AA	2,498,892	2082	154	572
HG3N	*	312,180	753	58	184	IK3JLS		52,569	181	46	87													PA3L9R	AA	2,498,892	2082	154	572
HABJV	*	158,928	476	38	134	I22JPN		50,959	201	27	104													PA3L9R	AA	2,498,892	2082	154	572
HABZVR	*	115,995	411	39	146	I28DVG		50,083	164	43	114													PA3L9R	AA	2,498,892	2082	154	572
HABHW	*	106,912	264	61	147	IK7XIB		43,848	247	32	94													PA3L9R	AA	2,498,892	2082	154	572
HASUK	*	78,540	331	34	131	I25H0B		42,420	241	26	75													PA3L9R	AA	2,498,892	2082	154	572
HATPL	*	73,062	313	46	116	IK2ALM		39,861	163	42	87													PA3L9R	AA	2,498,892	2082	154	572
HAST	*	50,530	286	41	143	IK2KUN		38,430	246	27	95													PA3L9R	AA	2,498,892	2082	154	572
HATVK	*	26,448	82	42	17	IK30BX		28,702	188	29	84													PA3L9R	AA	2,498,892	2082	154	572
HAGN	21A	120	6	5	5	IK30BX		28,702	188	29	84													PA3L9R	AA	2,498,892	2082	154	572
HG8R	14A	1,089,460	2711	38	150	IK30BX		28,702	188	29	84													PA3L9R	AA	2,498,892	2082	154	572
HGOY	*	917,280	2361	38	142	I3N3WY		25,404	294	44	73													PA3L9R	AA	2,498,892	2082	154	572
HAB8	*	687,438	1927	38	143	IK1YRA		24,570	146	28	77													PA3L9R	AA	2,498,892	2082	154	572
HAB8B	*	480,063	1243	39	146	I0U6AG		24,428	133	26	98													PA3L9R	AA	2,498,892	2082	154	572
HAB8I	*	428,352	1175	38	146	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
HG4F	*	341,172	1088	37	125	I3W3HR		22,092	136	25	59													PA3L9R	AA	2,498,892	2082	154	572
HG4I	*	283,720	854	35	129	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
HABDX	*	246,826	737	37	130	I3W3HR		22,092	136	25	59													PA3L9R	AA	2,498,892	2082	154	572
HAIAG	7A	1,228,688	3296	39	158	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
HAB2M	*	1,438,360	1293	39	158	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
HABST	*	277,704	1248	31	121	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
HG5D	3.5A	327,651	1496	32	117	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
HASJI	*	153,502	1168	15	79	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
HAT7I	1.8A	165,057	1205	23	88	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
*HABJT	*	121,336	789	27	97	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
HAXHX	*	484	324	81	69	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
*HAGNL	AA	967,083	1478	90	321	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
*HG8C	*	624,515	1025	90	275	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572
*HA500	*	141,722	514	40	151	IK3ZBM		22,134	99	37	65													PA3L9R	AA	2,498,892	2082	154	572





EA1DA	*	71,557	242	42	121	SM30KC	*	5,750	39	22	28	*UR30X	*	137,080	456	47	137	UT7E	*	44,620	200	27	88	VK2BJ	*	33,795	288	18	27	
EA4JL	*	65,790	270	33	103	SM30NE	*	4,888	34	23	29	*UT20Q	*	127,176	487	49	153	(OP: UR30X)						*VK2JA	A	1,503,349	1387	125	276	
EA7BU	*	44,700	132	47	107	SM5DGE	*	3,713	29	19	28	*US7IB	*	121,140	431	47	133	UT4XU	*	17,136	100	24	43	*VK5LJ	*	82,760	194	46	77	
EB2RA	*	37,387	169	35	74	SM5FNC	*	3,640	37	17	23	*UY5TE	*	119,680	551	39	131	UT7HA	*	14,007	91	18	51	*VK5IR	*	9,604	107	22	27	
EATX	*	33,984	265	22	42	SM5FCB	*	2,933	43	10	39	*UR5IRM	*	116,768	582	40	124	*UY5ZZ	14A	466,488	1274	37	149	*VK30B	*	6,026	55	17	29	
EA7JW	*	33,245	115	48	61	SM2SUM	*	2,538	38	10	37	*UT0CK	*	113,040	479	36	144	UY1YH	*	246,330	722	36	134	*VK7RD	*	6,800	20	9	8	
EA3KN	*	28,203	95	38	81	*SM7GVF	7A	109,040	741	28	88	*USWVCO	*	98,136	335	38	136	*UR5QM	*	97,175	468	28	87	*VK2GZ	*	638	17	11	11	
EA3GE	*	26,091	170	31	86	SE0X	1.8A	32,475	389	15	60	*UR6LAF	*	95,669	353	44	129	UW5U	7A	315,666	1327	35	136	*VK5MH	*	342	11	9	9	
EA1BLJ	*	15,958	79	32	69	*SE4E	AA	606,020	1540	32	132	*UT7MR	*	95,118	427	38	128	(OP: UY2UA)						*VK5GM	7	361,879	1075	29	90	
EA6FPQ	*	8,316	15	13	11	*SM7GZ	*	1,432	369	33	132	*UY4ZL	*	95,222	369	33	132	UY1GZ	*	309,497	1170	32	122	*VK2IG	*	34,760	169	24	55	
ED5W	21A	503,344	1700	35	128	*SC0N	*	525,402	1422	64	242	*UR5TZ	*	91,224	350	41	140	UY5YU	*	178,948	770	32	122	*VK5MAV	*	4,092	37	18	26	
EA4ZK	*	231,628	873	33	125	*SM6BZV	*	384,087	861	75	234	*UR5ZTH	*	88,000	473	36	124	UY1WY	*	93,420	400	30	105	*VK4KM	1.8	80	5	4	4	
EA5GIE	*	40,807	389	20	53	*SM6FPG	*	205,573	696	43	198	*UT8IV	*	86,100	343	49	161	UW1G	*	41,106	378	14	79	*VK5GR	AA	315,180	454	80	175	
EF1C	14A	113,442	630	25	86	*SF1Z	*	174,956	643	48	181	*US5ABI	*	80,099	299	47	126	(OP: UY5HF)						*VK3TT	*	44,844	143	54	94	
EA1DAV	7A	424,977	1617	32	115	*SE5L	*	149,904	579	48	168	*UR4MFM	*	74,543	294	45	116	UX2X	3.5A	518,300	2252	32	110	*VK2JJ	*	34,216	136	36	68	
ED7K	*	300,490	1113	33	116	(OP: EA7TH)					*UR5AMJ	*	68,400	248	50	121	UR7EN	*	53,072	359	21	86	(OP: UT2XQ)		*VK6WJ	*	29,000	102	40	76
ED1K	*	29,315	223	12	53	*SE6N	*	104,811	617	25	122	(OP: SMSALJ)	*	66,516	417	35	103	UT3N	*	44,795	476	17	68	*VK3FN	*	10,450	80	20	35	
EA7GV	*	9,690	146	11	40	(OP: EA1NK@EA1NK)					(OP: SAGAXR)	*	62,568	407	33	99	UT4WA	*	27,323	182	17	72	(OP: UY5HF)		*VK3GK	21A	11,856	99	20	28
EC65W	3.5A	5,356	49	15	37	*US31RX	*	92,862	216	72	159	*UR5WZL	*	60,514	167	54	104	US5LR	*	15,015	104	20	71	*VK2DX	3.5A	126,918	470	28	71	
EASNK	*	4,900	46	15	34	*SM5FEX	*	89,262	420	36	135	*UR4LIN	*	58,362	383	34	108	UZ5ZU	*	9,696	215	7	41	*VK2CCC	1.8A	45	14	5	4	
EA5KY	1.8A	59,897	497	17	72	*SM5DXT	*	31,964	182	35	96	*UR5WX	*	52,120	221	35	100	*UT6UD	1.8A	115,464	996	22	80	*VK6XX	21A	25,650	134	21	54	
*EA3CV	AA	349,236	630	72	195	*S1G7	*	19,398	103	27	79	*UR4MH	*	51,484	219	39	83	UY2ZG	*	95,472	754	22	80	*VK2NG	14A	3,422	40	7	22	
*EA3XR	*	219,693	524	66	171	(OP: SM6LZU)	*	27,945	103	27	79	*UR5K7H	*	49,776	352	25	97	UY0ZA	*	58,700	516	21	79							
*E2ZA	*	192,000	496	58	122	*SF5M	*	21,935	58	24	93	*UR6SEW	*	49,202	254	102	111	US1UJ	*	16,830	222	11	68							
						(OP: EA2SN)					(OP: SM5SYU)	*	45,264	170	43	80	*U23A	AA	3,572,720	3332	147	533								
						*SM0NEJ	*	240	9	7	9	*UY5BQ	*	44,088	283	33	99	(OP: UY1AA)												
						*SAG6	14A	57,684	180	32	100	*UR30TN	*	43,818	252	36	98	*UR6EA	*	1,805,760	2346	117	396							
						(OP: SM6GUC)					*UX0FF	*	42,217	189	41	122	*UR5LAM	*	1,594,016	2528	97	360								
						*SM6PPS	7A	61,490	395	24	86	*UT1UW	*	41,648	165	37	100	*UY7C	*	1,161,492	1604	105	348							
						*SF50	1.8A	14,906	256	8	50	*UX8IA	*	65,200	253	42	118	*UT30A	*	960,372	1360	102	342							
						*SM6CUC	*	9,184	170	8	48	*UR7VU	*	34,304	223	38	96	*UW5Q	*	696,290	1083	99	307							
											*UX4CR	*	163,620	226	26	77	(OP: UR30DW)													
											*UT5GL	*	24,735	197	24	73	*UX3I	*	563,458	1138	82	252								
											*UT5HUH	*	17,000	142	27	73	*UR7MZ	*	559,305	1009	88	317								
											*UX1HW/M	*	16,112	108	20	56	*UR7HCX	*	545,670	686	107	323								
											*UW7CF	*	15,379	129	26	65	*UX5N	*	434,015	993	74	231								
											*US5C0H	*	13,398	142	21	66	*UT1UJ	*	417,616	676	83	261								
											*UT2HF	*	11,760	114	33	65	*UT5UN	*	417,309	720	84	255								
											*UR5JH	*	10,824	169	28	54	*UT8IT	*	335,312	662	59	206								
											*UR3VZ	*	10,742	128	19	63	*UZ1WW	*	307,755	601	65	250								
											(OP: HB9GKM)	*	9,028	87	16	58	*U21WA	*	303,705	1088	54	201								
											*UT7HM	*	5,986	76	24	49	*UY2JG	*	278,922	889	51	178								
											*US6CQ	*	5,778	85	13	41	*UR5LF	*	255,276	704	57	195								
											*UR7AL	*	4,356	82	18	48	*UX5UN	*	234,957	430	76	213								
											*UT0EX	*	1,232	16	13	15	*UR7CB	*	229,362	604	58	196								
											*UT2SD	*	1,056	28	11	22	*UR1YAA	*	213,010	909	41	138								
											*UR5WHQ	*	716	21	7	21	*UR7VA	*	208,820	651	37	107								
											*UT5UT	28	285	20	5	14	*UY5QO	*	156,948	248	85	234								
											*UT4Q	*	6	3	1	1	*UX0HO	*	143,902	376	56	155								
																(OP: UR5RQB)														
																*UR5F	21	32,560	180	26	62									
																*UR5CC	*	5,358	48	19	28									
																*UR5TU	*	4,058	21	9	24									
																*UR5ZEP	*	2,466	45	9	19									
																*UT7KF	*	54	3	3	3									
																*UT3EV	14	113,037	579	28	95									
																*US1PM	*	98,560	454	26	86									
																*UT2T	*	47,012	297	21	71									
																(OP: UR5TF)														
																*UT5PQ	*	14,848	122	17	47									
																*UR5AW	*	13,992	135	16	50									
																*UR5GZ	*	12,122	132	12	42									
																*US7IG/W	7	11,908	156	14	38									
																*UR8GZ	P	144,430	686	32	111									
																*US5XD	*	103,368	662	22	96</									

ZL2AIM	*	5,035	51	26	27	PV5AMF	*	645,480	952	78	186	CX6VM	1.8A	105,455	331	25	90	DL5RFPK	*	1,764	47	9	27	YT5CQ	*	3,198	83	7	34
ZL2JU	7	363	15	5	5	PV5ZPH	*	464,332	739	69	175	*CX6S	AA	52,838	15	38	81	DK5CP	*	2,875	50	8	28	DC2PDR	*	2,875	102	4	28
ZL4AS	AA	79,971	178	71	112	PP1CZ	*	311,542	701	60	127	*CX6SBA	TA	7,476	82	18	24	VK4OS	*	1,480	35	18	19	JM1DPL	*	2,700	40	13	22
ZM2B	21A	249,120	942	27	69	PY4HO	*	267,795	585	49	116							EA4CU	*	1,457	34	11	20	KZ3I	*	1,585	25	10	19
ZL4TT	*	236,804	803	29	77	PT2AW	*	124,155	491	26	63							OM3TLE	*	1,419	45	8	25	I2ZQKG	*	1,584	51	4	29
ZM1M	14A	210,249	665	32	85	PY2MFE	*	9,928	71	31	37	YW1K	14	1,189,728	2559	36	126	JASMAT	*	1,197	30	11	10	DF7XH	*	1,178	32	6	25
						PY2MFE	*	2,772	28	17	27	YV4ABR	*	31,147	1204	23	74	N6HI	*	1,092	21	11	10	V43RJ	*	1,054	32	6	11
						PY2MFE	*	2,772	28	17	27	YV4ABR	*	31,147	1204	23	74	DF3SM	*	927	35	5	4	OM4ANE	*	950	40	6	19
*ZL1TM	AA	468,981	573	101	220	PY5EK	28A	181,396	651	24	77	YV5JGO	A	31,360	145	28	58	OS9BQ/P	*	907	19	7	11	BG3RJR	*	98	10	4	3
*ZL4ZY	14A	1,950	30	10	20	PY4NE	21A	987,768	2326	31	122	*YV5EJG	A	82,943	875	23	77	DL1GKT	*	432	21	8	19	W42YV	*	88	4	1	4
						PY4NE	*	8,439	137	10	38	*YV5EJG	A	82,943	875	23	77	DH5MM	*	744	23	7	16	U51AH	*	75	19	4	11
						PR7AB	14A	209,684	686	27	96	*YV6CC	3.5	25,370	156	14	45	JS1BXH	*	660	16	8	7	G3YZD	*	72	8	3	6
						PY4LH	*	67,932	353	18	57							JE1ILP	*	630	18	10	11	IW20GY	*	48	5	3	5
78BDT	A	187,632	503	55	89	PY1FR	*	13,532	107	21	47	*YV6COR	AA	79,465	265	39	76	DM3FAM	*	598	27	5	18	SP6CTC	*	24	2	2	2
						PY3TX	*	13,195	99	21	44	*YWSR	TA	390,000	1077	24	101	EA3FHP	*	528	20	8	16	JG1BGT	*	6	1	1	1
						PY2XJ	7A	14,308	96	22	51							OK3ZAM	*	506	29	7	15	Y5TYT	3.5	32,697	504	9	54
						PY4E	7A	14,308	96	22	51							DL1GKT	*	504	25	8	16	OK2HJ	*	31,620	459	9	53
						PY4E	7A	14,308	96	22	51							SP5FKW	*	432	21	8	19	M3E	*	25,200	368	11	52
						PY4E	7A	14,308	96	22	51							UA1CEG	*	396	23	5	18						
						PY4E	7A	14,308	96	22	51							SM3LDP	*	312	17	9	15	SM6DDI	*	19,341	244	11	52
						PY4E	7A	14,308	96	22	51							SP9MA/P	*	304	13	8	11	UX9Q	*	14,030	248	9	52
						PY4E	7A	14,308	96	22	51							KNOW	*	272	11	9	7						
						PY4E	7A	14,308	96	22	51							I2ZQJG	*	208	8	6	7	Y08RIX	*	13,662	242	9	45
						PY4E	7A	14,308	96	22	51							EA2WPA	*	207	11	4	4	M7R	*	13,566	254	8	43
						PY4E	7A	14,308	96	22	51							KQZWB	*	154	8	6	5	H8V	*	10,176	217	6	41
						PY4E	7A	14,308	96	22	51							YB2VM	*	108	7	6	8						
						PY4E	7A	14,308	96	22	51							JY0FSV	*	80	6	5	3	UT1AM	*	5,040	136	6	34
						PY4E	7A	14,308	96	22	51							DL3BVA	*	54	5	3	3	HA7JOK	*	4,560	108	8	32
						PY4E	7A	14,308	96	22	51							PY2LDP	28	374	14	5	6	LY2LF	*	2,280	79	5	25
						PY4E	7A	14,308	96	22	51							W3BDA	*	338	12	7	6	I2S0VP	*	2,016	78	5	27
						PY4E	7A	14,308	96	22	51							W3BDA	*	112	10	4	4	H83YLE	*	775	30	5	20
						PY4E	7A	14,308	96	22	51							Y03JW	*	8	2	2	2	EC7AT	*	693	15	7	14
						PY4E	7A	14,308	96	22	51							RUTA	21	30,086	136	28	70	JAGZK	*	8,021	12	7	7
						PY4E	7A	14,308	96	22	51							JY1NGT	*	14,976	143	20	32	PY2UJSL	*	192	10	6	6
						PY4E	7A	14,308	96	22	51							JH3SIF	*	14,820	138	20	37	UR4LYN	*	15	3	2	3
						PY4E	7A	14,308	96	22	51							CT40B	*	10,974	89	18	44	E77Y	1.8	36,501	495	9	60
						PY4E	7A	14,308	96	22	51							R8OD	*	10,336	115	8	24	GM3YEH	*	19,440	309	9	51
						PY4E	7A	14,308	96	22	51							OK1LV	*	9,932	80	18	34	HATTI	*	9,408	207	7	42
						PY4E	7A	14,308	96	22	51							JR1NKN	*	9,682	107	19	28	H89CPS	*	8,326	186	5	41
						PY4E	7A	14,308	96	22	51							BHTX	*	9,620	96	20	32	RM50	*	8,127	203	8	35
						PY4E	7A	14,308	96	22	51							W791	*	7,791	69	19	38	UA3DJG	*	7,175	175	3	34
						PY4E	7A	14,308	96	22	51							P4UALZ	*	7,740	10	15	30	PE4BAS	*	4,460	99	7	37
						PY4E	7A	14,308	96	22	51							XQ3SK	*	7,062	116	10	12	US11UU	*	2,480	88	5	25
						PY4E	7A	14,308	96	22	51							WG7SE	*	6,776	74	17	27	RU6MO	*	1,320	74	6	18
						PY4E	7A	14,308	96	22	51							W6FEZ	*	5,980	50	16	36	JR2EKD	*	12	2	2	2
						PY4E	7A	14,308	96	22	51							UA3LMR	*	5,929	74	16	33	OH10TA	*	2	1	1	1
						PY4E	7A	14,308	96	22	51							UT5IZ	*	5,292	85	25	17						
						PY4E	7A	14,308	96	22	51							RM3G	*	4,750	67	13	25	DM2M	AA	1,427,840	1753	104	381
						PY4E	7A	14,308	96	22	51							3568	*	3,568	19	3	25	JH9VT	*	1,375	10	3	148
						PY4E	7A	14,308	96	22	51							RA0AY	*	2,400	44	13	17	E74Y	*	1,045,750	1437	104	341
						PY4E	7A	14,308	96	22	51							RA7RA	*	1,770	32	11	19	EE3X	*	983,450	1250	104	338
						PY4E	7A	14,308	96	22	51							P2MNB	*	1,632	60	13	21						
						PY4E	7A	14,308	96	22	51							J1LTK	*	1,426	28	13	18	I2BZJL	*	785,631	1041	92	307
						PY4E	7A	14,308	96	22	51							PY2USK	*	1,218	24	9	12	DL8TG	*	527,618	1148	73	265
						PY4E	7A	14,308	96	22	51							J3XOM/2	*	675	23	11	14	R9D9	*	361,284	467	80	277
						PY4E	7A	14,308	96	22	51							SP2FM	*	442	13	7	10	K8ZT	*	343,966	434	82	229
						PY4E	7A	14,308	96	22	51							OK1LV	*	475	12	11	11	YU1AM	*	362,519	557	19	88
						PY4E	7A	14,308	96	22	51							JR4BYH	*	256	8	8	8	M8HJL	*	325,318	576	62	204
						PY4E	7A	14,308	96	22	51							OH1MM	*	20	3	2	2	OK1DMP	*	277,530	525	66	224
						PY4E	7A	14,308	96	22	51							HK3W	*	6	1	1	1	MMSAWD	*	273,844	816	47	176
						PY4E	7A	14,308	96	22	51							OK1FKD	14	131,953	501	34	93	SDF6	*	188,727	798	40	169
						PY4E	7A	14,308	96	22	51							EA8CXX	*	116,178	633	16	51						
						PY4E	7A	14,308	96	22	51							YL3J/MM	*	104,622	495	18	76	Y08BSE	*	180,995	487	63	202
						PY4E	7A	14,308	96	22	51																		









*G40TV	21,115	196	26	77
*G40DX	17,555	34	61	1
*G3JRM	12,864	105	22	45
<b>MOACM</b>				
*G4ZVB	12,139	187	11	43
*G4BEE	10,971	169	10	43
*G4BEE	8,010	103	12	33
*M0YTT	5,775	63	17	38
*2E0TNT	5,244	100	12	45
*G3YHF	3,384	67	7	40
*G7UON	3,332	46	18	31
*G3YMC	21,784	282	10	46
*G7PVZ	2,480	46	13	27
*G4TGJ	224	16	3	11
*G3YZO	72	8	3	6
<b>European Russia</b>				
<b>District 1</b>				
RA1AL	918,256	1335	107	357
RC10	185,420	769	31	115
(OP: UA1OR)				
R1NW	48,848	152	65	107
*R210K	227,168	664	51	178
*RIAT	216,094	886	43	163
*UA1CBM	26,460	259	16	54
*RW1QN	21,756	174	26	85
*RIAU	17,226	162	22	77
*R1BBL	10,367	136	11	36
*RIW	8,175	103	12	64
*RM1F	3,196	65	12	35
*UA1AUW	72	5	3	5
*UA1AEA	8,460	109	19	41
<b>District 3</b>				
RM2U	1,458,864	1481	122	406
(OP: RU3UR)				
RT3F	525,776	1326	61	211
(OP: R2DA)				
R5AK	302,280	893	57	207
UA3YDI	81,144	393	38	123
R3VC	70,965	692	18	77
UA3ADU	101,870	118	25	64
RA3THN	1,650	19	11	19
*RV3ZN	362,388	813	74	225
*R2HM	333,200	648	73	267
*RW5CW	237,120	673	50	190
*RU5X	126,415	491	46	147
*R2UZ	116,380	355	61	159
*UA3ABJ	102,342	520	21	84
*R03FT	363	10	1	6
*UA3RBP	72,230	385	38	117
*RV3F	53,148	340	23	80
*R23DZ	37,536	142	40	98
*UA3GDU	33,264	187	38	94
*R2AHS	30,336	206	30	98
*R302	30,302	139	41	98
*RW2WR	15,990	186	13	47
*RA3DGH	4,522	118	6	28
*R33DKE	957	25	8	21
*UA3DLD	40	6	4	4
*R5PW	94,584	455	37	131
*R33DD	9,200	84	19	61
*RW3AJ	8,784	154	9	39
*R33PR	6,923	131	8	35
*UA3LMR	5,929	74	16	33
<b>District 4</b>				
R4RT	388,068	1180	68	224
RT40	118,888	426	53	140
(OP: UA4NCE)				
RD4D	110,952	408	51	133
RM4HZ	68,112	304	41	131
*R4U1	582	26	221	1
*R4RM	521,000	328	53	147
*R4A1	66,178	349	35	128
*R4KNB	55,836	231	41	100
*UA4PBT	43,262	258	21	76
*R4N40	6,272	121	15	34
*R4N4B	3,465	40	20	35
<b>District 6</b>				
R7K0	86,112	299	42	114
R6CG0	69,006	235	53	133
R6CR	61,498	196	49	145
R6HV	6,578	194	9	37
*R7KX	363,578	842	70	224
*R7MTC	200,070	631	55	192
*R6ALCJ	75,516	416	28	88
*R67A	59,492	289	39	100
*R07K	39,780	327	25	92
*R7KA	35,909	161	40	109
*R7MC	11,635	96	21	44
*R7MT	7,957	77	16	36
*R6A1S	1,122	39	5	12
*R7GA	24	2	2	2
*R7RA	1,770	32	11	19
<b>District 9</b>				
UA9FGJ	180,574	548	50	176
*R9FT	25,200	239	15	57
<b>European Turkey</b>				
*TA1CQ	2,482	67	8	26
<b>Finland</b>				
OH1VR	783,180	1486	95	285
OH1C	68,112	290	43	133
(OP: OH1CX)				
OG2X	67,945	392	25	82
(OP: OH2RM)				
OH2VZ	66,198	315	24	81
OH1LAR	51,086	243	47	131
*OH/MOCFR	376,996	994	69	238
(OP: JK3GAD)				
*OH4TY	163,593	547	51	168
*OH2JU	19,902	169	24	83
*OH5MO	10,920	125	20	58
*OH2HZ	9,384	155	10	41
*OH1MAR	2,700	70	6	30
*OH3HZ	870	20	13	16
<b>France</b>				
TM5T	787,048	1776	64	198
(OP: F5VKT)				
*F5JU	291,592	654	59	195
*F5VJ	214,452	511	51	171
*F5VNM	175,469	773	17	64
*F5MNB	45,588	211	35	81
*F5VHO	16,296	103	29	68
*F5TRB	8,480	57	29	51

<b>Germany</b>				
DO0U	617,534	1366	72	190
(OP: DL7ZA)				
DF6RI	99,180	357	39	135
DL4ABR	74,880	305	40	104
DL2SAX	21,717	285	14	43
DJ7WG	13,608	100	23	61
*DL3SYA	404,796	987	67	249
*DF4ZL	370,788	828	70	248
*DP4M	328,182	897	53	196
*DL3RHN	325,304	695	74	240
*DJ9CN	253,340	584	67	198
*DL7RV	101,672	406	40	139
*DL7YAD	88,644	256	48	118
*DL9MFY	77,007	247	60	133
*DF7CB	65,772	326	35	127
*DL2SBA	59,494	226	40	111
*DL4HFF	56,695	248	37	108
*DK2AMS	53,508	293	37	110
*DL5KBO	46,870	286	33	97
*DL8BV	26,910	197	17	52
*DF3OL	25,482	377	10	52
*DL3HAA	20,492	151	23	71
*DJ5TD	16,940	138	22	55
*DF1DF	15,812	271	9	50
*DK4IO	14,532	110	24	60
*DK7JL	13,072	122	22	64
*DL4JW	11,781	129	16	61
*DL1EJD	8,256	80	18	46
*DL1YAB	3,102	51	18	29
*DL1BSN	1,566	32	10	17
*DL1AQU	62,730	313	32	121
*DL5RK	42,900	229	36	96
*DL2DWP	11,658	122	21	66
*DL2DZ	5,180	96	9	24
*DG2DFD	2,976	102	4	28
*DK7OG	2,870	78	9	32
*DH5MM	744	23	7	17
<b>Greece</b>				
*SV1AZL	151,360	356	64	151
*SV1VJ	3,102	24	23	24
<b>Hungary</b>				
HA8A	3,016,865	2613	127	408
(OP: HA8DZ)				
HG1A	1,176,560	1880	93	292
(OP: HA1ZN)				
HA8DU	450,644	1165	66	160
*HG8R	1,052,463	1253	112	349
(OP: HA8BAR)				
*HA7PO	207,772	499	63	191
*HA2MN	85,185	305	40	95
*HA0GK	26,536	419	9	53
*HASCQZ	2,520	82	6	24
*HA1TI	9,408	207	4	12
*R3FF				
<b>Ireland</b>				
EI3CTB	408	20	5	12
<b>Isle of Man</b>				
GM7F	301	12	53	
(OP: G04RFZ)				
<b>Italy</b>				
IK2AHH	594,320	991	72	232
IK7NXU	206,388	416	62	172
IK3DYV	140,850	298	66	159
IK1BPL	133,664	464	143	64
II1A	114,048	627	23	83
(OP: IK15PR)				
IK2A00	95,840	842	14	66
IC8SOS	47,700	281	33	67
IW5DPF	46,827	161	44	85
IV3XN	30,968	143	34	64
IK2IKW	25,940	125	36	74
*IK1JLM	639,831	1289	68	203
*I22MGN	416,723	970	70	211
*I23NVR	398,208	924	62	210
*IK3SSO	354,486	892	65	197
*IK1RKG	299,098	514	78	245
*IK07F	233,454	763	57	162
*IK3YBX	229,908	497	61	177
*I1SOP	148,447	296	61	186
*I23BCA	122,420	291	56	209
*I25AHS	104,525	435	37	148
*I2OHTZ	100,149	392	34	99
*I25BEL	94,340	282	49	129
*I12M	71,817	464	27	84
*IK0VPP	56,400	229	46	104
*I08DKG	50,083	164	43	114
*IK1YRA	24,570	146	28	77
*IK2BMM	22,130	99	22	69
*IK40MU	20,945	167	14	65
*IK5VQI	16,428	97	28	83
*IK6FTJ	10,626	80	23	54
*I5OMT	10,395	93	29	48
*I5CDF	9,702	80	20	43
*I23CYT	8,023	104	19	52
*IWSLEA	6,480	45	23	31
*I03DLW/P	4,484	54	15	23
*I20ZFX	192	13	5	11
*I21FRM	48	4	4	4
*IK2JUZ	102,567	369	43	136
*I13VJWP	3,960	70	8	37
<b>Latvia</b>				
YL2PJ	528,125	1189	81	244
YL2HR	176,880	390	32	112
*YL2CV	140,515	923	72	245
*YL2EM	41,124	216	41	97
*YL2YV	6,556	140	8	36
<b>Lithuania</b>				
LY4T	839,449	1420	89	314
LY1M	332,120	892	27	93
LY2H	67,104	568	23	73
*LY9A	859,527	1608	86	301
*LY2PAD	18,984	177	16	68
*LY3I	11,771	113	24	55
*LY2L	2,280	79	5	25
<b>Luxembourg</b>				
LX75V	563,784	1456	66	212
<b>Netherlands</b>				
PA0JNH	171,825	407	59	178
PA0MIR	7,150	70	15	35
*PA6T	478,547	905	64	215
(OP: PF7DKM)				
*PA0TCA	253,708	596	56	182
*PA3DBS	156,980	316	56	131

*PA3CB	18,887	174	23	78
*PASHP	7,344	105	17	37
*PB0ACU	4,512	75	10	22
*PA1B	5,974	111	15	43
<b>North Macedonia</b>				
*Z35M	348,840	1205	50	178
*Z33F	298,812	1116	47	175
<b>Northern Ireland</b>				
*MI0I	4,144	48	18	38
<b>Norway</b>				
*LA2HFA	30,873	183	30	93
*LA6M	2,120	63	11	29
<b>Poland</b>				
SP4Z	303,270	1122	99	310
SP7IT	180,485	498	49	146
S08LU	109,780	755	24	86
3Z50GR	55,047	956	9	50
(OP: SP9GR)				
SP7MU	27,690	222	20	58
SP3EQE	10,812	161	14	50
SP9Z	5,000	47	15	25
*SP1AEN	438,582	888	60	248
*SN8T	124,660	844	20	95
(OP: SP8BVN)				
*SP4AAZ	121,975	441	48	157
*SP6JOE	102,480	409	28	94
*SP9CXN	96,410	436	34	121
*SP4AWE	73,027	626	19	84
SP1DM	48,865	306	21	53
*S08PX	176,239	176	21	111
*SP8CGU	23,616	181	17	47
*SP9EMI	14,750	118	16	44
*HF100PI	8,760	99	16	43
(OP: SP9MDY)				
*S07BFC	6,461	55	29	42
*SP5ULV	5,382	49	16	30
*S02BNM	3,360	55	16	40
*SP6LUV	11	10	11	11
*SP7BCA	19,045	246	12	53
*SP2UUU	8,214	114	16	58
<b>Portugal</b>				
*CT7AIX	3,080	42	10	18
<b>Romania</b>				
YO9HP	2,034	12		