

2013 IARU HF World Championships Scores

Scores are sorted first by ITU Zone, then by ARRL/RAC Section or DXCC entity within the zone. For US stations, they are sorted first by US call area within the zone. Next they are sorted by operating category (A=Single Op Mixed Mode, B=Single Op Phone Only, C=Single Op CW Only, D=Multioperator) then by power for single operator categories (A=QRP, B=Low, C=High).

Zone 1

Alaska

KL7SB	94,643	377	71	A	C
KL7KY	1,950	28	25	A	C
AL1G	23,126	250	31	C	C
KL2A	70,528	300	58	D	C
AL9A	5,850	74	25	D	C

Zone 2

Alaska

W7IV	3,114	55	18	A	B
KL7/W7IV	3,114	55	18	D	C

Alberta

VE6SPS	1,560	42	13	B	B
VA6UK	46,830	221	70	B	C
VE6BF	112,623	382	93	C	B
VE6LB	1,830	44	15	C	B
VE6AX	18,330	128	47	D	C

British Columbia

VE7DDG	26,040	149	56	A	B
VA7AQD	3,312	58	18	B	B
VE7NS	2,442	39	22	B	B
VE7RSV	1,908	30	18	B	B
VE7VAW	1,904	36	17	B	B
VA7AM	1,600	56	10	B	B
VE7LSE	1,530	30	17	B	B
VA7MM	406	16	7	C	A
VA7ST	217,671	647	111	C	C
VA7KO	191,889	613	103	C	C
VE7XF	124,134	395	102	C	C
VE7JKZ	27,285	173	51	C	C
VA7DZ (+VA7KH, VE7TK)	171,666	531	102	D	C
VE7IO	85,320	480	60	D	C
VE7KW	68,018	320	71	D	C
VE7NA (VA7DSW, VE7SDV, VE7BGP, ops)	10,944	98	36	D	C

Zone 3

Manitoba

VE4YU	150,480	504	99	A	B
VE4SN	4,525	65	25	A	B
VE4VT	21,675	137	51	A	C
VE4TCH	730	25	10	B	B
W6NF/VE4	340	28	5	C	A
VE4EA	10,098	124	27	D	C

Saskatchewan

VE5KS	40,803	197	67	C	B
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Zone 4

Quebec

VA2SG	5,488	74	28	A	B
VE2KY	513	27	19	A	B
VE2FXL	15,450	101	50	A	C
VE2ER	12,000	131	32	B	B

VA2KKM	6,460	62	38	B	B
VA2GN	5,530	60	35	B	B
VE2HIT	3,120	44	30	B	B
VA2VJ	2,546	36	19	B	C
VE2KOT	17,370	136	45	C	A
VE2QY	36,567	253	51	C	B
VE2QV	924	28	11	C	B
VE2FK	124,080	370	110	C	C
VA2EN (VE2NGH, VA2UTC, ops)	140,300	459	92	D	C
VA2MM	13,056	90	51	D	C

Zone 5

Greenland

XP1AB (OX3FV, OX3KQ, ops)	396,113	737	127	D	C
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Zone 6

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East Bay

KX7M	464,940	1,032	135	A	C
N1DID	13,034	84	49	B	B
N6ENO	3,525	57	25	B	B
KE6IUE	370	13	10	B	B
NJ6W	320	12	10	B	B
K6JAT	48,052	200	82	B	C
KK7XX	29,187	207	47	B	C
KI6OY	4,600	78	25	C	B
KE6QR	2,706	53	22	C	B
N6BHX	2,478	38	21	C	B
K6AW (@N6RO)	854,165	1,113	221	D	C
WQ6X	19,866	186	43	D	C

Los Angeles

W6AWW	108,224	426	89	A	B
KØDI	143,304	434	84	A	C
N6TCZ	2,440	42	20	A	C
KQ6P	17,820	102	55	B	B
K6MUG	5,742	70	29	B	B
KU6T	5,460	70	30	C	B
WA6URY	60,888	246	86	C	C
N6AA	26,332	142	58	C	C
W4EF	8,625	111	25	C	C
N6QQ	134,272	319	128	D	C
N6HE	26,765	183	53	D	C
W6KC	16,356	134	47	D	C
N6IC	7,560	60	45	D	C

Orange

NN6CH	177,540	566	110	A	B
N6GP	49,567	215	73	A	C
WA6ERA	4,608	56	24	B	B
K6PGH	3,550	48	25	B	B
K6NR	269,742	673	134	C	C
K6RBS	62,084	260	83	D	C

Sacramento Valley

ND6S	10,465	115	35	A	B
KQ6X	891	31	11	A	B
K7XE	7,371	79	27	B	B
AG6RN	2,090	33	22	B	B
K6DQG	1,980	50	15	C	B
K6LRN	194,256	443	144	C	C
W6FA	62,524	202	98	C	C
W6RKC	18,847	157	47	C	C

San Diego

KK6TV	9,345	111	35	A	B
WA5TVO	3,900	62	25	A	B
N6VH	1,960	42	20	A	C
W6QU (W8QZA, op)	52,487	219	73	B	A
W6RGS	48	4	4	B	B
WN6K	265,318	821	106	C	B
AA6EE	7,215	71	37	C	B
N5ZO	141,984	539	96	C	C
K6NA	130,662	382	119	C	C
N6NC	93,264	368	87	C	C
AI6O	5,174	89	26	C	C
NX6T (N6KI, N6ERD, K4RB, W2PWS, NN6X, N6EEG, ops)	600,187	1,121	179	D	C
W6KY	27,789	179	59	D	C

San Francisco

AE6YB	5,265	63	27	B	B
K6JB	672	20	12	B	B
KJ6WDL	3,618	73	18	B	C

San Joaquin Valley

K6TIG	12,558	105	42	A	B
K6AAB	73,514	286	89	C	B
K6CSL	16,272	125	48	C	B
K6HP	7,440	68	31	C	B
W6SX	211,344	732	102	C	C
N2NS	174,492	393	148	D	C

Santa Barbara

WA6FGV	114,750	510	85	A	B
AG6AY	13,916	96	49	B	C
W6CWM	48,125	229	77	C	C
W6TK	273,226	639	134	D	C

Santa Clara Valley

K6XX	1,646,052	2,116	229	A	C
K2RD	118,755	417	105	A	C
K6GHA	94,909	287	107	B	B
AC6SL	18,368	116	56	C	B
KM6I	73,308	338	82	C	C
N6XI	4,541	75	19	C	C
K6MMM (KE1B, W6NN, ops)	709,628	1,381	164	D	C
KK6JA (KD6IH, AF6WX, NW6UP, AG6NS, K1GI, ops)	108,630	389	90	D	C
K9YC	94,962	335	102	D	C
W6GJB	1,420	25	20	D	C

7**Arizona**

K7TR	23,718	146	59	A	B
K7JQ	8,856	130	27	A	B
WOØZ	6,120	68	30	A	B
KE2VB	124,292	509	92	A	C
W7ON	92,004	312	102	A	C

AE7DW	13,650	107	42	B	B
WØPAN	5,829	75	29	B	B
KG9JP	3,562	49	26	B	B
NY7N	41,109	199	71	B	C
AE7VA	29,900	232	46	B	C
WR5G	16,350	111	50	B	C
KS5A	29,754	207	58	C	B
AA4Q	24,400	200	50	C	B
N6MA	570,078	1,149	162	C	C
NI7R	99,936	367	96	C	C
KC7V	43,875	259	65	C	C

Eastern Washington

N7VPN	32,807	219	53	A	B
KF7PBM	5,800	80	25	A	C
KK7VL	1,635	43	15	B	A
KB7HDX	1,836	36	17	B	B
WA1PMA	14,625	111	45	C	B
WAØWWW	472	23	8	C	B
W6AEA	163,576	664	92	C	C

Idaho

AB7LA	2,415	37	23	B	B
N7RCS	984	34	12	C	A
WJ9B	504,974	1,000	163	C	B
W7ZRC	56,672	228	88	C	B

Montana

KS7T	97,020	572	66	A	C
KJ9C	33,793	287	47	C	B
K7ABV	12,056	96	44	C	B

Nevada

WU6W	45,627	239	67	A	C
W7RN (K5RC, WX5S, K7NV, ops)	1,068,617	1,521	209	D	C

Oregon

KD7MSC	59,276	284	73	A	C
K7JKM	1,196	30	13	B	B
KT7E	500	12	10	B	B
KD7VIK	8,602	97	34	B	C
AD7OG	2,310	42	21	B	C
W7YAQ	498,400	952	175	C	B
NW6V	32,422	185	58	C	B
N7OU	3,560	62	20	C	B
K6ST	3,249	57	19	C	B
K7VIT	1,176	34	14	C	B
K7RF	231,732	590	123	C	C
K7ZS	158,858	561	98	C	C
WS7L	84,816	338	93	C	C
N7XU	60,588	246	81	D	C
W2VJN	1,120	74	5	D	C

Utah

KN7D	4,914	77	26	A	C
KB6BYU	754	22	13	B	B
WX7G	1,344	38	16	C	A
K7ULS	315	23	7	C	B
NG7M	105,742	502	83	C	C
AD7KG	13,708	112	46	C	C
W7GT	6,572	92	31	D	C
WR7Q	3,627	35	31	D	C
K7TYF	728	26	13	D	C

Western Washington

K7RL	1,613,772	2,360	207	A	C
N7RVD	84,105	495	63	A	C
KF7DX	35,100	213	60	A	C
W8BFX	20,022	142	47	B	B

N6LB	13,542	132	37	B	B	KDØQEA	1,692	51	12	B	B
W7SLS	1,408	36	16	B	B	KEØG	11,210	113	38	C	A
K7JSG	140	10	5	B	B	KA8HDE	4,536	84	21	C	A
K2AVI	60	10	2	B	B	WBØN	47,060	280	65	C	B
W7WA	1,474,070	2,084	221	B	C	KCØURL	31,671	225	51	C	B
K7HBN	29,344	198	56	C	A	KØPK	30,084	166	69	C	B
W7PV	22,491	183	49	C	B	W6GMT	3,186	71	18	C	B
W7QN	18,920	203	40	C	B	KØJJR	48,096	256	72	C	C
K7BX	13,833	157	29	C	B	NØBUI	16,058	154	37	C	C
K7WA	10,350	156	25	C	B	NØAT (+KØBBC)					
W9PL	990	19	18	C	B		773,358	1,450	183	D	C
N7NTQ	180	12	5	C	B	KØKX	172,368	400	133	D	C
WC7Q	68,103	395	63	C	C	K4IU	66,348	335	76	D	C
N7BV	33,824	192	56	C	C	KSØT	47,652	268	66	D	C
W7PU	25,069	163	53	C	C	WGØM	34,079	253	53	D	C
W7VXS	18,816	170	42	C	C	AAØAW (+ NØTCR)					
N7TCO (+ W7ASF)							10,922	90	43	D	C
	22,701	157	47	D	C	KDØCVO	4,522	53	34	D	C
K6KR (+packet)						KØTNT	800	34	10	D	C
	22,361	137	59	D	C	Missouri					
N7JB	5,373	75	27	D	C	KØOU	222,277	667	121	A	A
Zone 7						NWØM	209,440	692	112	A	B
Colorado						WAØBSW	2,340	47	20	A	C
KØXTR	6,936	107	24	A	C	W7KAM	15,364	116	46	B	B
W2UP	229,233	633	129	C	B	WØZM	10,912	98	44	B	B
KØUK	83,025	341	81	C	B	KIØHA	1,105	19	17	B	B
N5AW	62,130	210	109	C	B	WØNFS	624	22	13	B	B
NN7A	20,350	124	55	C	B	NØSS (KAØOUV, op)					
NKØE	4,212	90	18	C	B		13,120	120	41	C	B
KØRF (WØUA, op)						KIØI	8,340	106	30	C	B
	1,231,601	1,869	203	C	C	KMØDX (WØTT, NØAX, WBØSND, KØARY, ops)					
K6XT	58,500	262	78	C	C		118,848	450	96	D	C
AD1C	47,520	236	72	D	C	Nebraska					
NØTA	43,955	271	59	D	C	NØRZT	11,205	87	45	B	B
KØAE	9,558	138	27	D	C	North Dakota					
Iowa						WBØIWG	4,224	62	24	B	A
WØEWD @NØNI	1,196,902	1,857	214	A	C	South Dakota					
KC8R	5,319	69	27	B	B	WØSD (+WØOE, WDØT, AEØP, WØDB)					
N9CI	4,526	54	31	B	B		1,050,624	1,938	192	D	C
NØSFH	2,990	49	26	B	B	5					
WØPPF	3,840	84	16	B	C	Arkansas					
WØGXA	1,679	31	23	C	B	AF5BZ	6,734	64	37	B	C
WØGN	12,469	131	37	D	C	K5PO	3,840	54	24	B	C
Kansas						WA5SOG	31,706	146	83	C	B
KCØDEB	55,056	262	74	A	B	W5YH	20,776	148	53	C	B
WØYJT	33,367	187	61	A	B	KD5J	3,472	44	31	C	B
KØBJ	384,134	724	179	A	C	K5UZ (+WA5NFC, KE5ZQE)					
WØBH	56,856	302	69	A	C		219,105	609	135	D	C
WØXE	11,352	96	43	A	C	KM5PS	70,280	350	70	D	C
KØRH	248,744	700	124	B	C	K5KDX (+K5KDL)					
KØHCV	20,532	134	58	B	C		49,973	229	77	D	C
KBØKIE	31,488	378	32	C	B	Louisiana					
WØUY	17,346	106	59	C	B	WM5H	14,544	117	48	A	B
KØPY	151,855	441	121	C	C	W5WMU	729,120	1,588	155	A	C
NØIN	16,224	112	52	C	C	N5VU	83,754	319	94	A	C
WØEB	2,047	35	23	C	C	KA5M	71,712	277	96	A	C
KØVBU	99,975	387	93	D	C	N5HMH	2,885	32	25	B	A
WXØEK	4,929	55	31	D	C	K5ER	419,975	955	157	B	C
KØAP	1,705	35	31	D	C	N5AN	452,160	930	157	C	B
Minnesota						W5RU (K1DW, op)					
KØAD	255,789	1,009	97	A	B		24,244	193	44	C	B
KØMPH	96,930	397	90	A	B	W5AG	17,226	111	54	C	B
WAØLJM	7,620	94	30	B	B	KZ5D	916,050	1,649	186	C	C
KCØVFP	3,286	46	31	B	B						

KG5VK	183,393	557	123	D	C	WE6EZ	47,180	244	70	C	B
N5HZ (+NO5W)						AA5VU	12,446	90	49	C	B
	81,120	370	80	D	C	K5OT (@K5NA)					
K5LSU (AD5VC, K5DZU, KF5VKQ, ops)							1,215,984	2,018	196	C	C
	10,498	69	58	D	C	AC4CA	255,130	596	155	C	C
W4JHC	2,300	49	20	D	C	N3BB	73,692	370	69	C	C
Mississippi						W5JBO	28,764	208	51	C	C
WA5OYU	478,519	1,093	151	B	C	N5MT	185,496	492	118	D	C
N5CW	78,648	484	58	C	B	KE5LQ	30,096	154	72	D	C
New Mexico						W5EK	22,770	123	66	D	C
K5TEE	11,560	116	34	B	B	WB8FVB	9,546	78	43	D	C
K7IA	221,875	663	125	C	C	K5HM	4,726	47	34	D	C
North Texas						West Texas					
K5DHY	110,288	306	122	A	B	N5ZC	147,455	647	77	A	C
KG5OA	67,022	265	94	A	B	AF5FJ	406	16	7	B	B
W5GWH	42,675	207	75	A	B	WR5O (+AI5H, KF5QJC, KB5KYJ, KF5QKR, ops)					
K5WL	34,944	212	64	A	B		174,580	878	70	D	C
WW2PT	30,008	172	62	A	B	7					
K5MBA	693	39	7	A	B	Montana					
K5RT	477,516	1,027	156	A	C	AD7MQ	1,935	49	15	B	B
NW5Q	35,216	162	71	B	B	KGØAL	902	30	11	B	B
K9GWB	10,045	93	41	B	B	Wyoming					
AD5XD	236,670	738	115	B	C	K9DR	360	10	10	A	B
AB5NX	30,954	136	77	B	C	KØ7X	178,155	599	107	A	C
W5JNP	28,140	140	67	B	C	N7MZW	101,838	587	66	B	B
N5MOA	390	13	10	B	C	8					
NM5M	176,736	574	112	C	B	Ohio					
W5RYA	152,460	520	105	C	B	AAØPO	53,716	377	52	B	C
NN5T	48,165	263	65	C	B	9					
WXØB (AD5Q, op)						Illinois					
	1,453,921	1,945	229	C	C	N9VPV	4,960	60	31	B	B
N5PO	337,280	802	136	C	C	AI9K	20,900	180	50	C	A
W5OV	9,009	97	39	C	C	Wisconsin					
N3BUO (@WA5FWC)						KB9S	44,184	311	56	C	B
	766,604	1,479	172	D	C	WI9WI	223,776	742	108	C	C
N5JR	390,260	784	158	D	C	Zone 8					
W5GN	12,760	90	55	D	C	1					
N5TIT	432	18	9	D	C	Connecticut					
Oklahoma						N1TM	60,312	278	84	A	A
AF5CC	20,430	176	45	A	B	KQ2M	1,867,323	2,051	237	A	C
AF5Q	1,580	31	20	A	B	NN1N	107,764	341	116	A	C
K5YAA	25,256	175	56	A	C	K1BV	70,295	353	85	A	C
W5GFI	99,960	360	98	B	B	AB1QP	51,264	244	96	A	C
K5YM	42,768	190	72	B	B	N2WQ	615,000	1,008	205	C	C
KF5QVS	21,275	223	37	B	B	W1QK	504,660	1,240	130	C	C
W5TJS	2,553	45	23	B	B	K11U	23,535	147	45	C	C
KK5JY	26,163	193	51	C	B	N1EN	257,152	618	164	D	C
N5XE	890	31	10	C	B	W1/YØ7ARY	88,816	384	104	D	C
W5CSC (W5CCR, K5WPN, ops)						K1DM	38,000	166	95	D	C
	29,238	149	66	D	C	N1MD	31,376	128	106	D	C
South Texas						Eastern Massachusetts					
KØGEO	75,522	331	82	A	B	W8TOM	23,517	153	67	A	B
K5TIA	61,725	285	75	A	B	KM1G	7,644	80	39	A	B
AE5LQ	36,720	168	72	B	B	W1MAW	2,320	32	29	A	B
WA5IYX	32,704	159	64	B	B	W1FM	77,472	357	96	A	C
N5DTT	8,120	73	40	B	B	W1PL	11,176	96	44	A	C
WK5DX	8,103	75	37	B	B	W1DYJ	9,646	74	53	B	B
KG5US	-14	-6	1	B	B	N1WRK	4,995	61	27	B	B
K5TR	1,368,324	2,206	199	B	C						
N5MV	379,344	1,197	112	B	C						
WS5H	28,980	138	70	B	C						
W5ESE	168	9	8	C	A						
N5KWN	168,792	589	104	C	B						
K5PI	51,584	364	52	C	B						

AB1LT/M	252	12	9	B	B	NQ2W	1,170	51	10	C	A
W2JU	14,136	130	57	C	A	NG2D	3,885	79	21	C	B
N1NN	32,426	245	62	C	B	N2JJ	2,850	56	25	C	B
W1CCE	13,208	126	52	C	B	K2ONP	368,668	805	148	C	C
N3ER	353,312	610	181	C	C	W2LK	114,669	315	137	C	C
W1FJ	137,006	423	122	C	C	K2UF	59,185	279	89	C	C
K1MC	28,773	203	69	C	C	NA2M	68,052	290	106	D	C
NI1L (+N2MG, K3ZJ)						K2CYE	8,512	96	32	D	C
	714,396	1,078	222	D	C	K2CSR	333	11	9	D	C
NB1N (+K1IB, K9HI, N2JFS)						Northern New Jersey					
	607,959	1,028	207	D	C	KC2GLG	1,166	25	22	A	B
W1CLA (K1MBO, K1VR, K5ZD, KB1REQ, N1QD, ops)						KA2ANF	744	16	12	A	B
	289,224	629	156	D	C	KC2PDO	1,044	26	18	B	B
W1HH (N1IW, W1STT, WC1M, ops)						N2LK	30,056	174	68	C	B
	161,245	479	119	D	C	W2LE	20,898	167	54	C	B
N1JD	118,184	288	136	D	C	W2CVW	18,768	92	92	C	B
AB1J	10,332	140	42	D	C	WB2AA	8,745	109	33	C	B
Maine						WW2Y	811,595	1,235	205	C	C
KB1HNZ	42,944	194	88	A	A	N2ED	78,820	384	70	C	C
KA1C	2,652	34	26	B	B	W2EN (+W2CG)					
K1IMI	228,161	529	151	C	A		279,664	606	154	D	C
W2IY	34,569	149	69	C	B	W2DZ	38,868	172	82	D	C
K1ESE	107,166	435	106	C	C	K2DLS	12,031	91	53	D	C
K1JB	135,000	344	135	D	C	K2ZC	11,492	111	52	D	C
New Hampshire						Northern New York					
W1MR	55,930	199	94	A	A	KC2QPP	3	1	1	B	A
K3MD	187,434	790	117	A	C	N2ASD	4,004	55	28	B	B
KA2KON	50,562	183	106	B	B	K2DB	10,400	80	50	D	C
K8CN	84,108	402	86	C	A	NYC-Long Island					
AA1CA	20,412	184	54	C	A	KS2G	11,868	100	46	B	B
W1END	25,901	167	59	C	B	N2PPL	1,932	34	23	B	B
K1AR	353,782	828	143	C	C	N2MUN	57,918	221	98	B	C
AE1T	210,980	502	154	C	C	N2GA	316,276	691	148	C	B
K1FWE	29,295	191	45	D	C	N2GC	5,488	104	28	C	C
Rhode Island						N2FF	18,340	112	70	D	C
K1PLX	211,692	526	138	B	C	W2AEE (+KD2DDT, N2YGK, KB2JRP, KD2DOH, ops)					
K1SD	42,780	155	92	D	C		416	12	13	D	C
Vermont						Southern New Jersey					
N1UR	715,040	1,272	205	B	B	AB2IO	4,356	130	18	B	B
KB1ODO	17,520	112	60	C	C	N2UU	31,920	256	56	C	B
K2LE (+ N2UN)						KU2C	23,322	119	78	C	B
	1,135,717	1,355	253	D	C	W1MA (+N2MM)					
Western Massachusetts							673,398	1,066	209	D	C
W1BYH	47,726	205	98	A	B	K2MK	296,912	635	176	D	C
K1SND	8,778	91	42	A	B	W2RDS	217,882	1,128	79	D	C
K5ZD	69,678	288	79	A	C	KE2D	9,676	108	41	D	C
NU1Ø	4,674	104	19	A	C	Western New York					
K1VOI	11,550	87	30	B	B	W2TF	34,365	157	79	B	B
W1TO	10,812	84	51	C	B	AE2NG	4,524	64	29	B	B
N1TA	598,752	1,344	154	C	C	AB2TC	1,440	30	20	B	B
WB1Z (AA1YW, KK1W, KX1X, W1EQO, W1MSW, W3SM, ops)						K2BCM	75	5	5	B	B
	600,880	1,001	203	D	C	AC2HJ	816	31	16	C	A
AA1AR	2,025	47	27	D	C	NW2K	288,184	875	136	C	B
2						K2ZR	171,600	614	130	C	B
Eastern New York						K2QO	54,023	231	89	C	B
WA2JQK	27,936	142	72	A	B	AC2FA	23,732	153	68	C	B
N2MTG	13,052	101	52	B	B	W2DXE	19,208	153	56	C	B
KM2O	85,905	281	115	B	C	W2GN	8,060	88	31	C	B
N2SQW	30,046	124	83	B	C	K2SSS	862,040	1,296	230	C	C
K2JMY	16,851	215	41	B	C	AA2AN (+W2LGA, AK2Z, WA2AEA)					
WA2NYY	3,596	52	31	C	A		19,902	173	62	D	C
						N2IW	5,490	52	45	D	C

3

Delaware

AA1K	19,734	212	33	A	C
K3CWF	18,270	114	63	B	B
W3RLO	1,660	31	20	B	B
WA2VQV	8,672	99	32	C	B

Eastern Pennsylvania

W3KB	239,121	547	163	A	B
AB3AI	21,655	143	61	A	B
K3WW	1,167,088	1,735	208	A	C
W3FV	512,624	900	184	A	C
KB3IPZ	21	3	3	A	C
WB3BSA	6,494	83	34	B	B
N3XUD	6,012	63	36	B	B
WA3TD	5,032	60	37	B	B
K3URT	845	65	13	B	B
KB3GJT	39	5	3	B	B
N9GG	5	5	1	C	A
W2GD	213,598	597	154	C	B
N3KR	89,180	404	98	C	B
K3WGR	21,186	115	66	C	B
AA3B	1,701,083	2,087	257	C	C
WA3AAN	7,452	77	36	C	C
AA3K (+K3FT, WI3Y)	396,894	810	174	D	C
W3ZGD (WA1HEW, N3VQH, N3XUD, K3JAW, K3NK, KO3T, ops)	121,550	363	130	D	C
NK3Y	101,436	336	107	D	C
N3RD	12,960	98	80	D	C
NY3A	5,152	84	28	D	C

Maryland-DC

AB3IC	41,195	241	77	A	B
WB3CII	4,500	64	25	A	B
K3ZO	1,405,680	1,837	240	A	C
W6AAN	371,148	802	157	A	C
N3UM	99	11	9	A	C
AB3RW	1,000	26	20	B	A
K4EET	3,276	58	26	B	B
KB3ZNL	161	7	7	B	B
K3CPK	153	7	9	B	B
N8HM	126	11	6	B	B
N3WD	107,184	284	132	B	C
W3DQN	111,804	383	132	C	B
K3TN	45,872	222	94	C	C
K8GU	1,169	77	7	C	C
NA3M	208,110	439	210	D	C
W3LJ (K3NCO, op)	138,996	396	143	D	C
K1DQV	100,625	355	115	D	C
N3TD	58,212	225	108	D	C
K3CCR (K3DI, op)	4,592	70	28	D	C

Western Pennsylvania

KB3LIX	112,530	380	121	A	B
N2EM	19,918	167	46	A	B
ND3R	11,925	99	45	A	B
KB3ERQ	400	18	10	B	B
K3UA	40,936	280	68	C	B
K3FH	17,542	180	49	C	B
WA3YMM	3,844	44	31	D	C

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Alabama

N4KH	47,656	310	74	A	B
KB5EZ	11,713	97	53	A	B
K4AB	966,868	1,935	196	A	C
W4ZZK	12,987	119	37	B	B
AE9Q	1,140	20	19	B	B
WA8HSB	3,956	82	23	C	A
WA1FCN	341,055	923	165	C	B
KR4F	194,183	579	139	C	B
AB9CA	15,529	119	53	C	B
N4NM	40,404	228	91	C	C
K4HAL	42,104	220	76	D	C
WA4NZD (KB5EZ, WA2JQZ, pops)	28,764	165	68	D	C

Georgia

AI4UN	6,786	70	39	A	B
K4BAI	1,024,976	1,836	232	A	C
AA4XG (W4ATL, op)	332,080	1,116	140	A	C
N4PN	268,875	683	125	A	C
K4JTT	15,125	101	55	B	B
N4BFR	10,011	83	47	B	B
KC4YBO	8,064	88	36	B	B
W4IOU	2,241	27	27	B	B
KC4RSL	1,170	27	18	B	B
KD4QMY	882	22	21	B	B
WA4TII	47,022	185	102	B	C
K4UN	39,292	148	94	B	C
KU8E	353,457	1,047	159	C	B
N4JVP	43,660	220	59	C	B
KD4YDD	1	1	1	C	B
N4DU	490,790	1,131	170	C	C
WW4LL (+KN5O, N4PN, WA1S, N2WF, NN4RR, K1ZZI, W4KTR, N5VI)	683,696	1,750	173	D	C
W4BQF	204,618	549	134	D	C
WA1F (+WA1S)	44,772	292	78	D	C
KE4CQ	33,973	257	53	D	C
WA2MBP	1,160	34	20	D	C

Kentucky

KU4A	27,873	249	57	A	A
AC4YD	5,110	52	35	A	B
WI4W	5,549	81	31	B	B
KI4RDG	1,050	69	10	B	B
WD4KTF	828	20	18	B	B
AJ4A	73,793	253	109	B	C
W4NHO	5,365	75	37	C	B
KJ4AOM	4,452	77	28	C	B
N4QS	28,944	230	54	C	C
K4WW	25,560	198	60	C	C
KY4KY (KE4KY, KJ4QFK, W4HK, KC4WQ, K4EDH, KC4S, ops)	277,160	1,131	104	D	C
KJ4QFK (+KC4WQ)	44	6	2	D	C

North Carolina

KK4HEG	26,082	199	54	A	B
W4FRA	2,208	38	24	A	B
N4ZAK	5,181	67	33	B	A
KD4MXA	14,651	119	49	B	B
W4FT	13,209	99	51	B	B
K4WES	12,912	111	48	B	B
KI4VLW	4,653	45	33	B	B

AI4GR	585	17	13	B	B	KK4WXR	36,982	179	82	B	B
NC4MI	118,144	304	142	B	C	WS4DX (KJ4KVC, op)					
WM2Z	37,224	396	47	B	C		28,941	399	33	B	B
AA4FU	242,055	637	163	C	B	KS4X	2,160	40	30	C	A
K4BSK	52,076	252	94	C	B	NU4B	720	21	16	C	A
K6RM	19,635	181	51	C	B	K4LTA	58,823	509	59	C	B
W4UOR	13,801	177	37	C	B	KJ4IWZ	31,119	193	69	C	B
AD8J	2,048	66	16	C	B	W4UT	21,105	149	63	C	B
K3KO	124,800	252	160	D	C	N2WN	3,450	78	23	C	B
AA4VV	51,005	167	101	D	C	W4BK	2,254	52	23	C	B
N4ES	1,768	34	26	D	C	KI4EZC	2,016	50	21	C	B
K4MOA	1,241	25	17	D	C	K4RO	1,204,645	2,155	215	C	C
K4QE	9	3	3	D	C	NA4K	537,018	1,216	177	C	C
Northern Florida											
NF4A	822,393	1,667	213	A	C	N4DW	465,400	972	179	C	C
N6AR	335,616	630	192	A	C	K1GU	347,024	830	164	C	C
KM4HI	86,346	238	123	A	C	N4ZZ	286,068	995	124	C	C
N4LZ	31,740	224	69	A	C	N4NA (NB4M, op)					
WB4OMM	179,524	473	148	B	B		182,664	628	129	C	C
K1KNQ	42,966	182	99	B	B	NA4C	16,302	136	57	C	C
K4DMH	33,507	185	73	B	B	K9UQN	7,192	116	31	C	C
NP2MR	11,500	90	50	B	B	WD4K (+WF7T)					
AJ7G	124,201	699	77	B	C		573,338	1,407	178	D	C
WX4US	73,357	259	109	B	C	W4PV	10,830	97	38	D	C
K3TW	53,956	260	94	C	A	W4BV (N4BCD, op)					
N4EK	55,100	247	76	C	B		-2,640	-77	16	D	C
KE1F	39,120	233	80	C	B	Virginia					
KN4Y	16,100	86	70	C	B	W4TTY	868	28	14	A	A
N4FP	2,262	38	29	C	B	WA4JUK	194,114	565	142	A	C
NZ1D	264	12	11	C	B	N3KN	41,975	251	73	A	C
N4UU	576,422	1,499	154	C	C	N3ZV	23,861	129	107	A	C
WA2VYA	555,400	1,201	200	C	C	W8KRZ	11,374	84	47	A	C
KØLUZ	352,640	1,005	128	C	C	KJ4VTH	4,320	53	32	B	B
AI4CO	11,424	96	56	D	C	KA6AKH	944	21	16	B	B
South Carolina											
KK4DSD	1,332	44	18	A	B	N4MM	149,112	331	152	B	C
N4REF	18,460	141	52	B	B	KA8Q	48,861	161	89	B	C
KT4OO	2,880	32	30	B	B	W3TB	11,271	103	51	C	A
K4GRE	1,334	24	23	B	B	NR4C	6,156	100	38	C	A
W4SLT	52,427	163	103	B	C	WA2ASQ	645	23	15	C	A
KS4YX	31,293	253	57	C	B	K4FPF	100,084	298	131	C	B
K2SX	411,018	1,028	183	C	C	W4GDG	72,765	345	99	C	B
NJ4F	43,344	228	86	C	C	K4MX	56,588	302	86	C	B
K7OM	30,587	183	73	C	C	WØQQG	37,989	211	81	C	B
Southern Florida											
W4TTZ	2,650	42	25	A	B	K4FTO	34,364	220	71	C	B
K4LM	142,842	452	133	A	C	W4YE	32,263	183	77	C	B
NT4TS	24,500	112	70	B	A	N3JT	2,640	42	24	C	B
KBØZNU	2,884	41	28	B	B	W3YY	72,390	314	95	C	C
W4SVO	970,640	1,642	220	B	C	K4EU	21,229	133	71	C	C
NJ2F	149,037	387	141	B	C	W4AU	16,482	148	41	C	C
K4MF	46,314	218	93	C	A	K4MDX	56,502	320	73	D	C
W4SAA	151,740	440	135	C	B	W4PFM	26,334	114	77	D	C
N4BP	548,758	1,704	133	C	C	AA4D	25,568	142	68	D	C
WF3C	366,415	1,055	133	C	C	N3UA	17,466	100	71	D	C
N4UM	63,138	305	102	C	C	KD7UIY	7,831	87	41	D	C
K9ES (+AD4ES, K1ST)						W4MYA	-65,753	-521	47	D	C
N8PR (+packet)						West Central Florida					
	232,500	506	186	D	C	WD4AHZ	256,564	616	154	C	B
KW4G	6,732	87	36	D	C	N4TB	41,942	326	67	C	B
Tennessee											
K3IE	166,552	606	109	A	C	NE4EA	16,856	140	49	C	B
KØEJ	23,452	300	41	A	C	K5KG	1,168,307	1,987	211	C	C
W4HRC	37,520	173	80	B	B	N2ESP	58,195	181	113	D	C
5											
Mississippi											
						N5BLY	31,034	212	59	B	C
						WQ5L	108,088	422	118	C	B
						W5UE	65,964	512	69	C	B

NA5NN (K2FF, op)	37,053	271	69	D	C	K8AZ (+K8BL, K8MR, K8NZ, N8TR, ND8L, W8CAR, W8WTS, WT8C)	1,526,844	1,904	258	D	C
8						ND8L	60,030	224	87	D	C
Michigan						N8AGU (+packet)	21,392	126	56	D	C
KT8K	56,480	352	80	A	A	KG9Z	686	23	14	D	C
K8GT	160,072	505	136	A	B	KC8IMB (+KD8MVI)	644	18	14	D	C
NF8J	33,992	269	56	A	B	West Virginia					
AC8ZX	5,425	73	31	A	B	KA8NJW	4,557	63	31	B	B
NF8M	2,350	42	25	A	B	K8JQ	97,743	497	93	C	C
K8PGJ	79,488	326	96	B	B	N4ZR	64,512	246	112	D	C
AC8JF	14,310	113	54	B	B	9					
KJ8O	11,264	124	44	B	B	Illinois					
N8WAV	8,664	82	38	B	B	KD9MS	38,012	186	86	A	B
K8MJZ	4,788	49	28	B	B	K9PMV	12,546	142	41	A	B
K8YXB	1,530	34	17	B	B	NV9X	10,803	127	39	A	B
K8BHK	1,440	26	18	B	B	WR9D (KB9UWU, op)	613,433	1,343	179	A	C
KE8FT	121,952	524	103	B	C	KG9N	38,636	313	52	A	C
K8EAW	3,712	46	32	B	C	W9QL	9,360	174	24	B	B
NA8V	329,666	718	191	C	B	K9GY	42,328	252	74	C	B
K8NWD	124,830	453	114	C	B	K9OR	38,640	272	69	C	B
AA8R	9,492	122	42	C	C	KG2A	31,808	260	56	C	B
KD8GOX	19,902	141	62	D	C	KB9O	8,862	75	42	C	B
KD8NNU	13,867	97	49	D	C	W9VQ	1,342	29	22	C	B
WD8S	10,440	202	29	D	C	K9CT	1,012,420	1,744	223	C	C
Ohio						K3WA	40,128	370	57	C	C
KB8O	100,594	443	106	A	B	K9OZ	39,672	257	72	C	C
AC8GX	67,320	324	85	A	B	AI9T	18,676	122	58	C	C
KF8BT	47,320	306	70	A	B	KY9KYO	392	13	8	C	C
K8BL	45,592	194	82	A	B	NV9L (+K9CS, N9TK, WB9Z, ops)	896,539	1,595	211	D	C
W8KTQ	23,220	232	43	A	B	N2BJ	422,565	1,079	165	D	C
WT8E	16,677	129	51	A	B	W9OA	68,034	243	102	D	C
NT8Z	36,582	238	67	B	B	AB9YC	23,232	167	64	D	C
WS6K	33,820	181	76	B	B	KB9NW	18,603	159	53	D	C
N8OQQ	32,777	191	73	B	B	KCØTOT	9,328	82	44	D	C
KB8UJZ	28,400	162	71	B	B	W9IIX	6,355	59	31	D	C
W8KNO	24,118	157	62	B	B	Indiana					
KC8HQS	18,774	126	63	B	B	AJ9C	18,672	197	48	A	B
N8BV	6,720	72	40	B	B	K9NW	1,116,585	1,755	243	A	C
WC8Z	6,068	68	37	B	B	W9TC	16,218	110	51	A	C
N8ZKT	3,836	53	28	B	B	W9CSX	28,897	151	71	B	B
N8PPF	3,683	47	29	B	B	K9AMP	14,905	113	55	B	B
N8ZAK	1,785	65	15	B	B	WA9YI	4,342	55	26	B	B
WB8SVW	1,740	34	15	B	B	NG9M	840	24	15	B	B
KD8HHG	9,359	69	49	B	C	WB9NOO	308	12	11	B	B
W8LIG	5,332	52	31	B	C	WB9ONU	11,760	96	49	B	C
KD8IIN	3,100	55	20	B	C	KR9E	715	35	11	B	C
W8BI (KB8UEY, op)	1,900	47	20	B	C	N1RU	15,092	165	44	C	A
N8XX	8,670	111	30	C	A	KE9I	211,282	664	149	C	B
K8ZT	5,516	81	28	C	A	W9RE	1,495,494	2,146	249	C	C
AC8AP	288	26	6	C	A	KC9QQ	7,348	69	44	D	C
KV8Q (W8ERD, op)	487,105	1,053	185	C	B	Wisconsin					
W1NN	331,484	920	158	C	B	AF9J	3,410	67	22	A	A
K8BTU	101,016	641	72	C	B	KB9OWD	208,608	912	106	A	B
KD8SAV	70,384	404	83	C	B	AC9DE	33,327	233	69	A	B
W8TM	35,916	216	73	C	B	WR9Y	11,628	162	38	A	B
W8IQ	32,562	212	67	C	B	W9AV	71,652	393	84	A	C
WB8JUI	13,083	123	49	C	B	N9EAX	30,380	174	70	B	B
K9DAC	250	9	10	C	B	K9JIG	8,610	94	41	B	B
NF8R	260,278	568	181	C	C	KC9DOA	8,274	95	42	B	B
WN8R	149,904	393	144	C	C						
N9AUG	99,084	391	92	C	C						
K8MP	77,080	356	82	C	C						
K8FZY	10,556	149	28	C	C						

KA9VVQ	594	26	11	C	B
NS9I	240,648	738	148	C	C
K1TN	107,666	508	101	C	C
NQ9A	3,864	62	28	D	C
K2VB	432	16	12	D	C

Zone 9

Maritime-Newfoundland

VE9HF	284,256	706	112	A	C
VE9AA	189,230	486	127	A	C
VE1WOW (K1WO, op)					
	121,793	305	127	B	B
VE9PLS	287	11	7	B	B
VE1RGB	382,580	797	148	C	B
VE9ML (+VE9BK)					
	558,996	692	222	D	C

Newfoundland-Labrador

VO1MP	36,960	190	56	A	C
VO1QU	21,546	163	42	C	B

St. Pierre & Miquelon

FP/KV1J	110,450	369	94	D	C
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Zone 10

Mexico

XE3/K5ENS	167,325	655	75	B	B
XE2JUM	1,118	28	13	B	B
XE1MM	108,360	540	63	C	C
XE2ST	60,858	286	69	D	C
XE1CRG (XE1BRX, XE1CT, XE1CTJ, XE1CKJ, XE1CWK, XE1BRQ, XE1GYP, XE1CQ, XE1DNR, ops)					
	26,622	163	54	D	C
XE2FGC	10,575	79	45	D	C
XE1OGG	4,929	51	31	D	C

Zone 11

Cuba

CM3DSE	13,872	96	51	A	B
CL2PL	363	11	11	B	A
CO2VE	36,421	155	77	B	B

Dominican Republic

HI3K	45,288	191	72	B	B
HI8CR	6,650	64	35	B	B
HI8A	14,112	90	56	C	B
HI3LFE	22,765	231	29	D	C

El Salvador

YS1/NP3J (JA6WFM, op)					
	370,656	996	117	C	B

Grenada

J35X	97,270	442	71	C	B
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Guadeloupe

FG8NY	27,295	179	53	C	B
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Guatemala

TG1B (TG9ANF, op)					
	151,680	724	60	B	B

Martinique

FM5CD	5,508	100	18	A	C
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Nicaragua

YN2RP	4,446	66	19	C	B
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Panama

HP1AC	10,434	76	47	C	B
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Puerto Rico

KP4KE (NP4LW, op)					
	392,586	939	118	A	A
WP4DT	189	7	7	A	B
KP4ROS	55,650	234	75	B	B
WP3GW	51,840	178	96	B	B
KP4EU	3,416	74	14	B	B
KP4EJ	84,708	312	78	C	B
KP4CPC	5,304	61	24	C	B
KP3Z (NP3A, NP4Z, WP3A, ops)					
	1,704,669	2,193	211	D	C

Virgin Islands

NP2P (N2TTA, op)					
	24,864	168	37	A	C
KP2/AA1BU	610,776	1,074	153	B	B
KP2DX (KP2BH, op)					
	102,825	397	75	B	B

Zone 12

Bolivia

CP1FF	67,718	304	49	B	B
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Brazil

PV8AA (PV8DX, op)					
	49	7	7	B	C
PT8CW	8,862	65	42	C	B
PV8ADI	227,528	692	68	C	C

Colombia

HK6F	32,448	260	26	B	B
HK3C	352,036	1,075	68	B	C
HK3JJH	48,581	279	37	B	C
HK4KM	41,600	156	80	B	C
HK1MW	50,904	201	56	D	C

Ecuador

HC2AO	1,186,185	1,533	165	A	B
HD082QRC (HC1JQ, op)					
	59,242	333	38	B	B

Venezuela

YV8AD	183,600	392	120	A	B
YV5OIE	36,632	216	38	A	B
YY4DNN	424,576	961	128	B	B
YY4JCF	18,032	104	49	B	B
YV6CR	231,256	430	137	B	C
4M5W (YV5MSG, op)					
	6,069	81	17	B	C
YV5JGO	52,140	201	60	C	B
YV5EAH	31,262	146	49	D	C

Zone 13

Brazil

PU8YPL	623	29	7	A	B
PY8WW	36,024	154	79	B	B
PR7LO	20,160	106	60	B	B
PS8PY	10,608	78	39	B	B
PR7AP	59,500	270	50	B	C
PS7AB	12,084	76	53	B	C
PY6TS	55	5	5	C	A
PR2W (PT2AW, op)					
	171,695	353	115	C	B
PR7FMT	84	6	7	C	B

ZW8T (PS8NF, op)	471,076	817	124	D	C	PP5BZ	1,691	27	19	A	B
PP7JR	145,496	333	104	D	C	PY2EX	1,205,443	1,299	211	A	C
PY7VI	25,376	114	61	D	C	PP5JY	394,680	682	130	A	C
PY7DJ	20,038	120	43	D	C	PP5EG	98,690	241	142	A	C
						PY2KJ	44,227	213	47	A	C
Zone 14						ZZ2T (PY2MNL, op)					
Argentina							984,906	1,082	207	B	B
LU6UO	22,240	157	32	A	B	PY4ZE	345,042	507	174	B	B
LU7MCJ	19,737	101	51	A	B	PY2SPW	96,960	280	96	B	B
LU6EVD	144	12	6	B	A	PY2XV	87,780	236	105	B	B
LU1UM	59,340	202	86	B	B	PY2RF	73,580	329	52	B	B
LW5DW	24,336	112	72	B	B	PY1PDF	65,611	203	103	B	B
LU6DC	5,312	56	32	B	B	PY1SX	47,815	171	73	B	B
LU1EXR	748	20	17	B	B	PU2LEP	47,250	244	45	B	B
LU6FC	520	13	8	B	B	PY2COY	35,607	143	83	B	B
LU5FGA	364	14	14	B	B	PY1NS	27,797	119	77	B	B
LR1A (LU1AS, op)						PU1KGG	20,622	129	42	B	B
	140	10	10	B	B	PY2VDC	6,510	56	35	B	B
LU9FHF	113,176	435	56	B	C	PY3CT	205	9	5	B	B
LU5FR	97,308	386	54	C	B	PY3AA (PY3ATR, op)					
LU1HLH	7,695	109	15	C	B		128	10	8	B	B
L33M (LU3MAM, op)						PU3KNG	126	12	7	B	B
	5,497	57	23	C	B	PY2NM	35	5	5	B	B
LU5FF	102	7	6	C	B	PU2UJG	27	3	3	B	B
LU1DZ	25,905	123	55	C	C	ZW5B (PP5XX, op)					
LU5OM	23,680	98	64	C	C		3,178,539	2,517	273	B	C
LP7D (LU7ADC, LW3DN, LU1AS, LW5DUS, LU1DP, LU1DU, LU5EF, LU8ARI, ops)	646,100	828	182	D	C	PX5E	1,028,925	1,053	225	B	C
LV6D (LW3DC, op)						PY1ON	402,948	619	156	B	C
	84,660	248	83	D	C	PY2XAT	228,544	753	64	B	C
LU1BJW	17,884	89	68	D	C	ZX5ZZ (PY5PDC, op)					
LU7DSU	10,200	73	40	D	C		153,794	314	131	B	C
LU2AYB	6,018	55	34	D	C	PY5EW	45,521	219	49	B	C
LU3DAT	5,175	59	25	D	C	PY2NZ	40,250	252	35	B	C
						PP5JAK	27,555	193	33	B	C
Chile						PY2LED	18,648	114	42	B	C
CE2MT	10,152	93	24	B	B	PY1RY	7,421	63	41	B	C
CE3CT	2,215,476	2,016	237	B	C	PP5ZP	5,244	54	38	B	C
CE1TT	942,999	1,161	183	D	C	PY1MT	3,753	45	27	B	C
CE3PCG (CA3JRI, CA3MRD, CE3DOH, CE3TKV, CE7FKG, XQ4NUA, XQ7UP, ops)	339,762	723	102	D	C	PY4HO	318,384	634	108	C	B
XR1J (XQ1UIC, op)						PY4ZO	182,172	330	141	C	B
	29,714	148	83	D	C	PY4ARS	89,726	218	119	C	B
CE2LS (CE2SQE, CE2RTF, CE3OP, CE6WNM, ops)						PY1MX	49,200	231	48	C	B
	12,835	83	85	D	C	PP5AX	5,780	50	34	C	B
						PY5TJ	5,495	47	35	C	B
Paraguay						PY4LH	4,698	46	29	C	B
ZP99E (ZP9MCE, op)						PY3AJB	3,844	36	31	C	B
	89,474	258	83	D	C	PY5MJ	1,728	32	12	C	B
						PY1KO	650	15	10	C	B
Uruguay						PU1RTN	24	8	6	C	B
CX9AU	312,522	502	147	C	C	PP1CZ	702,615	973	155	C	C
CX7TT	22,620	106	65	C	C	PY2FN	22,050	110	49	C	C
						PY3AU	9,160	69	40	C	C
						PY1KR	7,511	61	37	C	C
Zone 15						PR1T (PY1ZV, PY1NB, ops)					
Brazil							2,244,200	2,040	245	D	C
PS2T (PY2NY, op)						PX2F (PY2BK, PY2PT, ops)					
	1,280,760	1,446	195	A	B		1,999,166	1,982	221	D	C
PY2DV	37,668	154	73	A	B	PW1A (PU1MKZ, PY1GQ, PY1NX, PY1SL, ops)					
PY3OZ	11,200	120	20	A	B		1,986,634	1,983	218	D	C
PR4C (PY2TI, op)						ZV5O (PY5AB, PY5AKW, PY5DC, PY5DJ, PY5FO, PY5IN, PY5QW, PY5ZD, ops)					
	6,040	51	40	A	B		1,306,307	1,471	197	D	C
PY2HH	4,704	50	21	A	B	PY2AA (PY2CDR, PY2EL, PY2LCD, PY2QG, PY2SHF, PY2WAR, ops)					
PY2ABN	2,871	37	29	A	B		406,245	623	159	D	C
						PY2KC	373,896	550	162	D	C

PY5AA (PY5XH, PY5ZW, PU5SVE, PY5VC, PY5JAP, PU5UAI, ops)	318,450	472	193	D	C
PY2YU	65,331	233	63	D	C
PY3FOX	61,920	174	120	D	C
PY2ZR (+PY2RH)	52,848	188	72	D	C
PY2AE	46,248	178	82	D	C
PY4RGS	35,280	150	72	D	C
ZV5D	27,448	140	47	D	C
PY5KA	21,804	96	69	D	C
PY3PA	21,120	100	60	D	C
PY2IU	16,692	138	26	D	C
PY2XC	13,860	100	42	D	C
PY2EW	8,658	66	39	D	C
PU2WDX	7,224	64	28	D	C
PU5AGM	5,628	61	28	D	C
PY2LUC	5,184	50	36	D	C
PY1MK	3,444	43	28	D	C
PY3KN	1,980	32	30	D	C
PP5AMP	1,610	28	23	D	C
PY4XX	1,311	21	19	D	C
PY1JPT	594	16	9	D	C
PY3MM	372	15	12	D	C
PP2RR	344	9	8	D	C
PY2FSR	120	10	6	D	C
PY2BN	40	6	5	D	C
PU3TKS	10	2	1	D	C
PY2XQ	-140	-7	4	D	C

Zone 16

Argentina

LV5V (LU5VV, op)	79,328	208	134	A	C
LU4VZ	2,288	32	22	B	B
LU1WI	2,700	34	25	D	C

Zone 17

Iceland

TF/IZ1SGO	1,548	35	12	A	A
TF/SP5IXI (VK6DXI, o)	32,477	245	47	A	B
TF3GB	25,959	181	51	A	B
TF2LL	19,630	106	65	B	C
TF/KB1T	66,774	252	93	C	B
TF/W2RE (+N2IEN, WW2DX, KB2HZI)	343,680	1,084	96	D	C
TF3AO	7,648	89	32	D	C

Zone 18

Aland Islands

OH0X (OH2UA, OH6KZP, ops)	3,361,764	2,885	372	D	C
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Denmark

OZ1KEF	194,994	466	157	A	C
OZ6AGX	116,960	370	136	A	C
OZ7EA	56,341	229	103	A	C
OZ1ACB	146,150	361	158	B	B
OZ5L	592	21	16	B	B
OZ8RH	28,220	268	34	B	C
OZ3BJ	16,728	136	41	B	C
OZ1HHH	14,807	97	67	B	C
OZ7BQ	50,997	215	89	C	A
OZ4CG	276,768	548	186	C	B
OZ6TL	140,705	469	107	C	B

OZ/DF5RF	48,128	196	94	C	B
OZ4FF	6,278	64	43	C	B
OZ6KS	4,708	55	44	C	B
OZ1DGQ	2,016	32	24	C	B
OZ8SW	187,891	335	209	C	C
OZ2PBS	14,399	119	121	D	C

Finland

OH/M0CFW (JK3GAD, op)	735,310	1,135	230	A	B
OH2LNH	13,803	117	43	A	B
OH1B (OH1BOI, op)	5,029	59	47	A	B
OH3KAV	3,828	53	44	A	B
OG6N	1,310,768	1,683	272	A	C
OH6ECM	310,780	546	205	B	B
OH9AR (OH9GGY, op)	72,242	311	82	B	B
OH4BNP	30,100	248	43	B	C
OH1TD	17,328	122	57	B	C
OG2A	6,720	96	21	B	C
OH2ID	15,300	118	50	C	A
OH7FF	10,788	124	31	C	A
OH3GGQ	461,288	877	184	C	B
OH2LU	99,015	349	105	C	B
OH1NDA	30,129	153	83	C	B
OH2BBM	18,830	111	70	C	B
OH5UFO	7,752	68	51	C	B
OH6LI	2,394,220	2,518	295	C	C
OH1HS	666,018	1,018	227	C	C
OH2BAH	318,087	591	187	C	C
OH2BBT	102,830	293	130	C	C
OH6MW	71,885	427	55	C	C
OH2VZ	35,496	188	68	C	C
OH1TN	2,064	46	24	C	C
OH5DA (+UA1ANA, RA1AGL)	1,897,500	2,290	275	D	C
OG1M (OH1VR, OH2KI, W6NV, ops)	1,732,436	1,941	292	D	C
OG30OJ (OH3OJ, op)	547,680	1,196	168	D	C
OH2XX (+skimmer)	114,777	441	81	D	C
OH3N	24,768	127	64	D	C

Norway

LA5LJA	260,656	597	176	A	B
LA1DP	1,197	27	21	A	B
LA2US	12,040	97	56	A	C
LA3BPA	149,142	356	159	B	B
LA9TY	17,324	110	71	B	B
LA8OSA	1,886	38	23	B	B
LA3RNA	224	8	7	B	B
LA2HFA	174,870	416	145	C	B
LA3ZA	41,490	169	90	C	B
LA9DK	8,037	77	47	C	B
LN4BBC (LA3RNA, LA5FBA, LA6ZFA, ops)	140,910	369	154	D	C

Sweden

SM4DQE	402,800	786	200	A	B
SK6HD (SM6FKF, op)	332,469	765	159	A	B
SI6W (SA6AQP, op)	233,600	520	160	A	B
SE6N (SA6AXR, op)	125,710	365	130	A	B

SM3C (SM5CCT, op)					
	32,940	168	90	A	B
SM5COP	196,876	436	166	A	C
SM5BMB	103,200	296	129	A	C
SD7X (DF6JC, op)					
	58,404	310	62	A	C
SB0A (SM0LPO, op)					
	102,480	324	122	B	B
SK50DB (SE5S, op)					
	81,648	368	81	B	B
SM6MVE	74,415	251	121	B	B
SE5Z	70,959	249	109	B	B
SM4WKT	26,883	125	87	B	B
SM0LIU	9,702	82	63	B	B
SM7S	4,752	58	36	B	B
8S0C (SM0MPV, op)					
	547,398	684	279	B	C
SI3A (SM3LIV, op)					
	306,000	720	150	B	C
SM0THU	216,845	507	155	C	A
SE6C (SM6CDN, op)					
	17,304	125	56	C	A
SM7R	8,484	105	28	C	A
SM6PPS	110	10	11	C	A
SM5CSS	253,482	549	166	C	B
SM0S (SM5BAX, op)					
	22,048	148	53	C	B
SF3A (SM3CER, op)					
	21,384	124	66	C	B
SM6VWG	18,648	174	36	C	B
SM5KQS	12,797	93	67	C	B
SM6WZH	12,312	100	54	C	B
SI5Y (SM5BKK, op)					
	4,440	65	24	C	B
SM2BJT	3,248	42	28	C	B
SM6AHU	3,200	36	32	C	B
SM6DER	3,096	46	43	C	B
SM6GBM	1,704	27	24	C	B
SE5E (SM5AJV, op)					
	630	18	15	C	B
SK5A (SM5GMZ, op)					
	914,080	1,504	197	C	C
SE6Y (SM6DED, op)					
	614,221	1,001	211	C	C
SM2CEW	610,176	1,140	168	C	C
SM5CIL (SM7CIL, op)					
	457,732	720	206	C	C
SM6NET	327,624	512	219	C	C
SM5CZQ	61,650	221	90	C	C
SM6E (SM6FUD, op)					
	994,862	1,371	242	D	C
SK3W (SM3SGP, SM5TXT, SM5IMO, ops)					
	300,364	766	122	D	C
SE5P (SA5BUM, op)					
	51,272	200	116	D	C
SA6P (SA6AVB, op)					
	9,126	75	54	D	C

Zone 19

European Russia

RA1ABR	388,500	742	185	A	B
UA1CAK	44,908	174	109	B	B
RX1CQ	378,004	892	142	B	C
RU1AB	347,786	628	193	B	C
RA1OT	423,914	889	158	C	B
R1OO	271,998	677	138	C	B
UA1NFA	81,048	323	88	C	B

UA1OOX	41,965	259	55	C	B
RA1NAL	11,132	87	92	C	B
RU1ZC	8,428	196	43	C	B
R1NW	3,952	70	19	C	B
R1AT	230,232	662	159	D	C
RN1ON	224,440	596	124	D	C
UA1ZLN	5,796	75	28	D	C
RV1A	4,732	60	26	D	C

Zone 20

Asiatic Russia

RW9C	79,213	229	113	A	B
UA9KAA	125,745	365	83	A	C
RX9CCJ	122,467	305	103	B	B
RX9CC	241,533	433	141	C	B
R9DK	86,070	215	114	C	B

European Russia

R8XF	330,780	749	148	A	B
RT9X	246,400	623	128	A	B
R9XZ	52,394	286	67	A	B
UA9XBJ	20,580	118	70	A	B
UA9XF	288,315	677	149	A	C
UA9XMC	15,000	118	50	B	B
R9XS	130,473	415	109	C	B
R9XT (+R8XW)	413,568	930	144	D	C

Zone 21

Asiatic Russia

RG8K	460,388	680	179	A	C
RL9I	241,248	518	112	A	C
RA9JBA	116,737	295	107	B	C
RC9JWR (R9JR, R9JE, R9JI, ops)	1,160,692	1,336	221	D	C
UA0BA	21	5	3	D	C

Zone 23

Asiatic Russia

RA0QQ	106,145	275	115	C	C
R0QA	61,060	248	71	C	C

Zone 26

Asiatic Russia

UA0KBG	52,288	221	64	C	B
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Zone 27

Belgium

ON5WL	4,356	57	36	A	B
ON6LR	182,629	393	181	B	B
ON3AR	36,981	209	63	B	B
ON4AEE	27,795	133	109	B	B
ON5SM	11,925	91	75	B	B
OT9Z (ON8ZL, op)	791,136	1,276	201	B	C
ON5GQ	442,734	699	226	B	C
OQ7T	215,451	685	111	B	C
ON7CC	60,816	235	112	C	A
ON3ND	267,120	586	159	C	B
ON6NW	69,972	256	102	C	B
ON6LS	55,224	189	104	C	B
ON6LO	17,856	117	64	C	B
OQ5M (ON5ZO, op)	1,898,514	2,130	261	C	C
ON7TK	315,723	583	191	C	C

OP4K (+007J, 007K, OP5T)					F1MQJ	36,162	163	82	B	B	
	1,286,208	1,574	264	D	C	F4EJW	30,082	134	89	B	B
OR4K	23,661	115	99	D	C	F4GAR	20,999	121	83	B	B
OQ6A (ON5MF, op)						TM2F (F5CYS, op)					
	7,884	93	36	D	C		20,800	106	80	B	B
England						F4HCK	12,540	92	66	B	B
G4WGE	176,800	431	160	A	B	F4GUR	9,880	98	38	B	B
G3RLE	1,435	41	35	A	B	F4GFT	4,545	55	45	B	B
G4IUF	720	24	20	A	B	F4EIH	3,654	43	42	B	B
M3W (G4FAL, op)						F4FXI	1,170	18	13	B	B
	824,528	1,180	232	A	C	F4AEL	252	14	14	B	B
G3VAO	586,838	826	251	B	B	F4FFH	1,045,053	1,401	249	B	C
M0GVZ	151,480	386	140	B	B	F4DSE	78,204	472	57	B	C
G0TAN	114,935	343	127	B	B	F1AGR	18,382	102	91	B	C
G0PBE	29,094	155	78	B	B	F1NZC	1,584	36	18	B	C
M1ADX	17,940	116	65	B	B	F/E73CQ	104,299	311	113	C	A
M0OSH	11,269	87	59	B	B	F6HJO	257,563	515	181	C	B
G0FPU	2,275	41	25	B	B	F9DK	108,360	331	120	C	B
M0TQR	297	15	9	B	B	F6GCI	24,682	119	82	C	B
2E0TBT	187	11	11	B	B	F6FTB	16,356	102	58	C	B
GZ5Y (GM4SSA, op)						F8NUH	11,765	83	65	C	B
	177,156	498	133	B	C	F5RQQ	6,390	58	45	C	B
M5LRO	127,136	322	116	B	C	F3WT	780	19	20	C	B
GV8JYV	195	11	13	B	C	F1IWH	12	3	4	C	B
G3YMC	72,504	262	114	C	A	F8DGY	531,828	1,135	132	C	C
G7PVZ	4,092	50	31	C	A	F5VLY	185,606	534	103	C	C
G4DDX	84,798	267	126	C	B	F5VKT	159,280	456	110	C	C
G3RSD	50,102	207	94	C	B	F5IHZ	1,610	28	23	C	C
G3GLL	32,829	133	93	C	B	F4GLK	43,166	174	113	D	C
G4DBW	31,668	161	84	C	B	F5PWK	22,445	105	67	D	C
G0IBN	23,280	194	40	C	B	F5DRD	15,744	106	64	D	C
G3SVL	16,245	107	57	C	B	F6DZD	10,744	90	68	D	C
M0SFR	2,460	36	30	C	B	F4FFZ	54	9	6	D	C
G4OGB	2,408	44	43	C	B	F6KPKQ (F6DZD, op)					
G0ORH	723,580	994	230	C	C		45	9	5	D	C
G4HZV	46,509	171	111	C	C	Guernsey					
G0SYP	4,321	47	29	C	C	MU0GSY	115,338	451	94	B	B
G4R (G4POF, YO4RDW, ops)						Ireland					
	846,260	1,038	190	D	C	EI4CF	196,724	410	187	A	B
G1T	205,673	479	169	D	C	EI4DW	86,142	238	147	A	C
GV5LP (+packet)						EI1A (ON4EI, op)					
	171,423	301	189	D	C		1,167,372	1,632	243	B	B
G3ZRJ	157,410	394	135	D	C	EI3CTB	56,055	225	111	B	B
G4IY	142,551	411	141	D	C	EI7M (EI3JZ, op)					
G3YJQ	47,796	187	84	D	C		2,951,690	2,829	298	B	C
M4D (G4ATA, op)						EI2II	358,600	584	220	B	C
	26,600	238	38	D	C	EI3KI	110,352	416	76	C	B
G6OKU	21,900	151	60	D	C	EI4II	9,792	142	24	C	B
GB4WSF (G1T, op)						EI5KF	710,556	1,392	154	C	C
	-29,045	-335	37	D	C	EI8JX	4,452	57	28	D	C
France						Isle of Man					
F8DRE	125,122	345	146	A	B	MD0CCE	119,138	456	71	D	C
F4CKF	16,685	111	71	A	B	Netherlands					
F5MPN	8,912	175	16	A	B	PA3DBS	156,716	485	116	A	B
F5CQ	7,696	64	52	A	B	PD7BZ	95,445	373	101	A	B
F8DYD	2,025	31	27	A	B	PA3HGF	32,592	154	84	A	B
F6FLU	850	20	17	A	B	PA3J	16,705	97	65	A	B
F8CRS	137,082	321	186	A	C	PC3H	6,006	60	39	A	B
F5TMJ	32,234	216	71	A	C	PA0AGA	58,950	259	50	A	C
F6AXN	120	12	10	A	C	PA2LO	192,041	395	181	B	B
F/DK2KT	68,040	239	120	B	B	PC2T	81,606	418	67	B	B
F5LIW	66,120	190	145	B	B	PG1R	51,240	199	120	B	B
F1ULQ	62,874	221	126	B	B	PD1RO	41,735	195	85	B	B
F6BAT	50,264	204	103	B	B	PG2P	39,858	194	91	B	B
F1AEY	44,555	191	95	B	B	PE1EWR	30,680	147	104	B	B
F4GOT	37,152	175	96	B	B						

PH0AS	27,600	148	92	B	B				
PE1NBD	22,910	120	79	B	B				
PA1CA	16,456	102	68	B	B				
PD1TV	14,651	123	49	B	B				
PD2J	14,000	116	50	B	B				
PD1ABO	10,692	99	44	B	B				
PD0WR	9,945	83	45	B	B				
PA0LIE	6,946	67	46	B	B				
PD/VA2KKM	5,472	62	38	B	B				
PE1RWP	3,816	56	36	B	B				
PC5F	1,107	25	27	B	B				
PA1WBU	1,008	30	14	B	B				
PA3GEO	660	22	22	B	B				
PA1GS	63	7	7	B	B				
PA2WO	29,640	304	38	B	C				
PA4B	24,696	153	56	B	C				
PE2K	89,916	274	127	C	A				
PC5D	49,572	197	108	C	A				
PA2W	191,520	451	160	C	B				
PA3CVI	177,261	399	161	C	B				
PA/DL1SBF	157,284	396	153	C	B				
PA2PCH	100,548	298	133	C	B				
PA2REH	34,160	138	140	C	B				
PA0WLB	32,054	155	94	C	B				
PA3EEG	29,120	140	91	C	B				
PA3DRL	26,475	117	75	C	B				
PA5GU	26,250	135	70	C	B				
PA0VLA	21,432	118	76	C	B				
PA3ANN	21,056	140	56	C	B				
PA0RBA	19,304	102	76	C	B				
PA1FJ	16,104	104	61	C	B				
PA3AFF	15,120	102	70	C	B				
PA0RHA	13,640	102	55	C	B				
PA0ATG	6,960	73	48	C	B				
PI4OTC (PA3CLQ, op)									
	3,706	51	34	C	B				
PA0JED	3,627	55	31	C	B				
PA9CW	3,050	48	25	C	B				
PA3CPJ	1,260	30	18	C	B				
PA5KT	797,848	1,312	181	C	C				
PA3AAV	435,342	884	159	C	C				
PA3AQL	38,325	195	75	C	C				
PA0JNH	35,098	150	109	C	C				
PA0QX	17,655	115	55	C	C				
PI4DX (PD1DX, PD2DX, PD2R, PA3EVY, PA0ABM, PA7JWC, PD3BVI, ops)	1,779,750	2,065	250	D	C				
PA4PS	416,342	835	178	D	C				
PA0LOU	293,039	573	181	D	C				
PA3FMC	186,048	492	152	D	C				
PA5TT	99,465	345	95	D	C				
PA2CVD	98,686	306	133	D	C				
PA2GRU	69,930	289	90	D	C				
PA3GDD	62,492	293	68	D	C				
PD0JMH	35,244	202	66	D	C				
PA7BAS	33,015	151	93	D	C				
PA0QRB	31,395	157	91	D	C				
PD5T	24,472	153	56	D	C				
PG2AA	15,162	110	57	D	C				
PA3GCU	14,620	101	68	D	C				
PE1IWT	14,507	99	89	D	C				
PA1CW	9,550	134	25	D	C				
PA0O	9,193	121	29	D	C				
PA3GQF	5,735	67	37	D	C				
PA3EVY	4,590	52	45	D	C				
Northern Ireland									
G14AAM	41,418	175	118	B	B				
Scotland									
MM0OPX	106,268	327	124	A	C				
MM0GOR	1,368	33	24	B	A				
MM0LBX	212,716	544	142	B	B				
MM8Z (GM7VSB, op)									
	211,825	459	185	B	B				
GM/SQ6NET	512	18	16	B	B				
MM0GHM	435	17	15	B	B				
MM3N	260,283	583	159	C	C				
GM4WZG	48,804	210	98	D	C				
Wales									
GW0BBO	39,695	165	85	C	B				
GW7O (GW3SQX, op)									
	450,109	785	187	C	C				
Zone 28									
Austria									
OE2E (OE2GEN, op)									
	314,260	646	190	A	B				
OE3RTB	112,035	333	165	A	B				
OE3PRU	19,684	109	76	A	B				
OE1C (OE1MHL, op)									
	87,373	289	143	A	C				
OE6HLF	264,717	581	201	B	B				
OE3DMA	25,856	138	101	B	B				
OE2IJL	150	9	10	B	B				
OE1SSS	21,168	100	63	B	C				
OE5UAL	1,188	22	22	B	C				
OE5HSN	45,472	186	112	D	C				
OE3DXA	15,132	114	78	D	C				
OE2LRO	3,444	49	28	D	C				
Bosnia-Herzegovina									
E70T	48,300	207	60	A	C				
E78T	45,524	273	76	B	B				
E73M	1,789,408	2,152	281	B	C				
E7TT	32,940	252	54	B	C				
E78DX	29,325	159	69	B	C				
E74GZ	13,510	162	35	C	B				
E74KM	13,098	97	74	C	B				
E73KM	11,655	109	37	C	B				
Bulgaria									
LZ7O (LZ1ONK, op)									
	338,907	727	173	A	B				
LZ7A (LZ1RF, op)									
	130,560	642	68	A	B				
LZ1FW	85,471	333	127	A	B				
LZ1KZ	8,280	81	40	A	B				
LZ2HM	149,985	391	135	A	C				
LZ1YE	84,840	304	84	A	C				
LZ2XF	104,122	307	158	B	B				
LZ3DJ	9,405	91	55	B	B				
LZ4OC	73,776	394	87	B	C				
LZ1DKZ	66,836	244	98	B	C				
LZ1MG	118,728	354	136	C	A				
LZ9R (LZ3YY, op)									
	1,446,027	1,589	319	C	B				
LZ2FM	117,476	247	172	C	B				
LZ1GE	86,016	302	128	C	B				
LZ1MC	13,585	115	55	C	B				
LZ3YV	3,770	38	29	C	B				
LZ49FJ	2,030	44	35	C	B				
LZ1NG	73,268	587	52	C	C				
LZ1QN	12,992	180	32	C	C				
LZ0M (LZ2SX, op)									
	676,389	1,053	217	D	C				

LZ5XQ	621,894	1,282	201	D	C	OK6AB	246,688	518	208	B	B	
LZ5X (LZ1BP, LZ1DCW, LZ1DNY, LZ1MBU, LZ3ZZ, ops)						OK2ILD	114,610	334	157	B	B	
	514,434	932	249	D	C	OK1PMA	78,976	283	128	B	B	
LZ2PT	236,802	430	183	D	C	OK2BEN	57,850	199	130	B	B	
LZ3ZZ	113,000	324	113	D	C	OK2BZE	13,452	100	59	B	B	
LZ1QV	112,936	303	152	D	C	OK2BJC	9,940	90	70	B	B	
LZ2NG	100,362	324	129	D	C	OK6RW	179,540	404	191	B	C	
LZ3FN	80,256	267	128	D	C	OK1NG	181,382	407	178	C	A	
LZ1DM	77,376	288	124	D	C	OK2QX	487,708	808	226	C	B	
LZ1PM	58,344	266	78	D	C	OK1CZ	475,440	743	240	C	B	
LZ2KSB	55,875	345	75	D	C	OK1DOR	395,178	869	194	C	B	
LZ1OJ	16,994	95	58	D	C	OK2SGW	319,260	583	204	C	B	
LZ1UK	162	14	9	D	C	OK5SA	209,880	444	180	C	B	
LZ2ZG	138	11	6	D	C	OK1FCA	171,275	459	155	C	B	
LZ1ST	10	2	1	D	C	OK2TBC	164,552	462	134	C	B	
Corsica						OK1FMG	158,841	401	159	C	B	
TK/OE5JKL	25,454	154	89	B	B	OK1BA	152,886	395	166	C	B	
Croatia						OK2HBY	147,108	428	138	C	B	
9A2EY	177,408	530	144	A	A	OK2EA	118,552	364	146	C	B	
9A7JCY	146,952	398	156	A	B	OK2BOB	96,432	292	123	C	B	
9A9JZ	57,353	251	83	A	B	OK2VX	91,078	328	113	C	B	
9A/S50B	23,556	124	78	A	B	OK2SGY	88,515	287	105	C	B	
9A287DCK	560	20	14	A	B	OK1UKV	63,360	221	128	C	B	
9A6OY	21,488	148	79	A	C	OK3NR	62,504	227	104	C	B	
9A7JZC	45,300	179	100	B	A	OK2BRS	58,656	262	94	C	B	
9A0D (DK8ZZ, op)						OK1MZO	52,780	202	130	C	B	
	868,248	1,340	279	B	B	OK2BNC	43,992	182	94	C	B	
9A9J (9A7ZZ, op)						OK2KFK	42,066	193	114	C	B	
	513,678	735	258	B	B	OK1DM	11,284	115	52	C	B	
9A3BWW	47,880	216	95	B	B	OL8M	2,123,736	2,102	321	C	C	
9A6DQB	29,631	167	83	B	B	OK1VD	1,086,514	1,148	319	C	C	
9A1CVG (9A6DQB, op)						OL2013CM (OK2EC, op)		245,992	756	97	C	
	25,920	144	81	B	B	OK1AYY	165,616	413	176	C	C	
9A5G (9A2VX, op)						OK2SG	157,131	297	221	C	C	
	25,721	135	89	B	B	OK2ABU	135,286	350	173	C	C	
9A6DJX	21,428	195	44	B	B	OK1NE	123,714	307	158	C	C	
9A6SJJ	8,580	86	55	B	B	OK1ATP	7,200	98	36	C	C	
9A3TY	109,664	398	92	C	B	OL7T (OK2BXU, OK2BXE, ops)		1,348,450	1,649	298	D	C
9A4MF	10,080	98	42	C	B	OK5T (OK1VSL, OK1DMO, OK1JMJ, ops)		644,922	1,008	243	D	C
9A4U (9A4BQ, op)						OK2PF	160,227	387	171	D	C	
	6,755	81	35	C	B	OK1XQ	87,532	276	158	D	C	
9A1AKL (9A3NU, op)						OK1AY	30,000	144	125	D	C	
	4,592	64	28	C	B	OK2BUT	12,285	93	63	D	C	
9A2GA	169,372	452	161	D	C	OK1ABF	4,806	70	27	D	C	
9A281CRT	18,624	140	32	D	C							
Czech Republic						Fed. Rep. of Germany						
OK7CM	219,674	485	182	A	A	DH5MM	65,340	271	132	A	A	
OK4AS	4,545	55	45	A	A	DL2DWP	39,964	188	103	A	A	
OK1JOC	131,835	441	141	A	B	DL6OCH	24,120	294	36	A	A	
OK1KZ	77,089	265	127	A	B	DJ0MY	11,680	92	73	A	A	
OK1SKJ (OL6A, op)						DK7AN	6,528	92	48	A	A	
	41,099	215	73	A	B	DL3BVA	3,540	60	30	A	A	
OK2SWD	36,893	207	79	A	B	DL1NKS	440,776	826	238	A	B	
OK1DJS	34,017	173	87	A	B	DL7DZ	207,386	435	194	A	B	
OK2KG	30,258	153	82	A	B	DL5AWI	204,750	496	195	A	B	
OK1GS	28,944	189	48	A	B	DK3WM	203,196	430	177	A	B	
OK1AXB	26,390	187	58	A	B	DM3K (DM3PKK, op)		196,528	464	173	A	B
OK1HCG	9,638	100	61	A	B	DR0R (DK2DQ, op)		195,786	647	146	A	B
OK1DTP	5,472	105	32	A	B	DF8XC	188,181	399	203	A	B	
OK1AKE	1,045	21	19	A	B	DL3ZAI	159,210	410	183	A	B	
OK1FMX	222,529	553	193	A	C	DL3MVC	140,715	369	159	A	B	
OK1IE	123,838	328	143	A	C	DL5SWB	112,995	427	135	A	B	
OK2EQ	117,040	338	152	A	C	DG1ROD	112,665	333	145	A	B	
OK7MS	234	14	13	B	A							

DL4FDM	108,160	336	160	A	B	DJ8NU	112,880	320	166	A	C
DL7UXG	101,080	392	140	A	B	DM2DXA	97,955	237	137	A	C
DL4ALI	93,035	363	115	A	B	DLØTN (DL3YDY, op)					
DF5BX	89,112	326	158	A	B		54,870	250	93	A	C
DL4JWU	87,454	313	146	A	B	DF5AU	50,952	180	132	A	C
DL5JRA	77,490	262	123	A	B	DL3ZZA	37,436	194	98	A	C
DGØDG	76,406	248	151	A	B	DC2CB	35,114	180	97	A	C
DL1ARJ	74,899	281	121	A	B	DK4RL	33,495	157	105	A	C
DK5D (DK5DC, op)						DJ8QA	24,320	144	95	A	C
	72,534	229	154	A	B	DL3ARK	21,924	130	87	A	C
DL9NO	66,402	289	126	A	B	DL5ST	13,392	106	93	A	C
DL3APK	65,219	309	121	A	B	DK2OY	7,380	100	30	A	C
DL4SUN	63,562	265	122	A	B	DJ6TB	5,974	71	58	A	C
DL7UGO	56,644	180	119	A	B	DL1NPG	5,904	61	48	A	C
DO2MS	48,930	220	105	A	B	DL9JON	4,864	56	32	A	C
DJ7MH	45,675	197	105	A	B	DJ5IW	4,465	53	47	A	C
DK3PM	44,800	216	128	A	B	DL2AMD	2,240	42	28	A	C
DJ9SN	43,354	163	106	A	B	DL7UDA	1,530	39	30	A	C
DO1MGN	39,449	235	103	A	B	DL4WG	828	24	18	A	C
DD1OP	33,602	149	106	A	B	DL3KUM	630	24	15	A	C
DL2AWA	29,400	156	84	A	B	DKØAE (DJ1AA, op)					
DL9ZWG	26,976	165	96	A	B		170	17	10	A	C
DL3XM	26,940	125	60	A	B	DL6UHA	24	6	4	A	C
DL2ASB	25,824	135	96	A	B	DL8LR	221,450	469	206	B	A
DL8UVG	23,478	150	91	A	B	DL1JHI	7,296	78	57	B	A
DM6KG	21,606	133	78	A	B	DG8OBN	810	25	18	B	A
DL5MHR	21,528	122	78	A	B	DF2SD	479,955	791	245	B	B
DJ2YE	20,196	148	99	A	B	DD5AJ	194,742	439	186	B	B
DL1HSI	19,565	131	91	A	B	DL2DQL	125,664	362	154	B	B
DL7UMK	18,512	122	89	A	B	DL1MHJ	114,912	294	171	B	B
DL4MW	18,000	136	72	A	B	DJ2SEA	98,670	292	165	B	B
DL9GWA	16,160	126	80	A	B	DL3BY	86,487	313	127	B	B
DL8DWW	15,368	86	68	A	B	DL3OR	78,183	279	153	B	B
DK5ZX	14,012	118	62	A	B	DL2AAZ	75,851	295	101	B	B
DL6ATI	11,520	104	72	A	B	DL4VAI	68,640	236	132	B	B
DO6PS	10,726	158	31	A	B	DL4EBA	60,500	246	121	B	B
DL2HWI	10,622	80	47	A	B	DD4BY	48,222	215	114	B	B
DL2MIH	10,476	86	54	A	B	DL6MDG	46,530	203	110	B	B
DL3SG	10,395	95	35	A	B	DM2SR	40,330	194	109	B	B
DL8UAA	7,296	80	64	A	B	DO4OD	38,478	191	106	B	B
DM2DXG	6,566	58	49	A	B	DL1MWG	38,122	195	98	B	B
DL4EBW	5,800	66	58	A	B	DM2AWM	36,472	198	97	B	B
DK9BW	5,250	69	50	A	B	DL9HB	36,437	155	83	B	B
DG2UA	4,929	55	53	A	B	DL3SKY	34,986	161	98	B	B
DJ6TK	4,644	64	54	A	B	DD9NT	34,220	169	116	B	B
DO3SP	4,368	58	42	A	B	DL6ØBADEN	33,495	237	87	B	B
DM3XI	4,068	47	36	A	B	DL1JJK	31,482	147	106	B	B
DG2FDE	3,914	55	38	A	B	DL7FB	30,710	188	83	B	B
DL1DTF	3,610	49	38	A	B	DB2BJT	29,700	204	90	B	B
DK8NI	3,465	61	45	A	B	DO1CS	28,644	158	77	B	B
DH5WB	2,240	38	32	A	B	DL5AWE	26,643	161	107	B	B
DLØXM (DM3XM, op)						DO3HDA	23,217	139	71	B	B
	1,512	40	18	A	B	DD8IL	22,058	135	82	B	B
DL8QS	1,092	33	28	A	B	DL9LF	20,559	115	89	B	B
DL2RZG	806	29	26	A	B	DC8WPA	14,694	110	79	B	B
DLØAVH (DL7AWO, op)						DM2BR	13,862	99	58	B	B
	738	23	18	A	B	DLØGEO (DL2YAK, op)					
DO7DU	250	13	10	A	B		11,330	106	55	B	B
DL2BUM	189	13	9	A	B	DO7OMB	11,328	104	59	B	B
DL9HCO	150	11	10	A	B	DJ4DN	10,956	88	83	B	B
DK5FT	40	4	4	A	B	DO2DTH	10,547	103	53	B	B
DL7JAN	805,181	1,233	257	A	C	DL4HWM	9,464	95	56	B	B
DL1DXA	472,694	695	254	A	C	DK2MB	9,246	84	67	B	B
DJ1AA	364,325	703	247	A	C	DH2PL	8,330	81	70	B	B
DJ3WE	362,287	795	211	A	C	DB1WT	8,046	87	54	B	B
DL8UAT	267,722	511	182	A	C	DO3EF	7,106	85	38	B	B
DC9ZP	123,559	375	157	A	C	DO2KBM	6,992	94	38	B	B

DK1TS	6,820	77	44	B	B	DL4ZA	115,116	332	159	C	B
DO9MJ	6,567	97	33	B	B	DL1EAL	113,460	308	155	C	B
DG1DRS	6,223	73	49	B	B	DK7GH	112,714	271	166	C	B
DB1JC	5,814	68	51	B	B	DL1AMH	108,135	333	135	C	B
DO1NPF	3,782	46	31	B	B	DM3AZ	91,960	286	110	C	B
DD3AL	3,741	55	43	B	B	DF6RI	90,468	276	126	C	B
DGØOM	3,528	48	42	B	B	DF3IR	85,346	292	139	C	B
DC2TL	3,168	54	44	B	B	DJ9DZ	85,272	310	114	C	B
DO4MTB	2,880	48	24	B	B	DL1THB	70,992	306	102	C	B
DGØWT	2,788	44	41	B	B	DM2TO	64,680	208	147	C	B
DH2PAF	2,772	50	33	B	B	DL1RTS	61,242	237	118	C	B
DK2PZ	2,590	44	37	B	B	DL3KWR	59,348	205	148	C	B
DO1DXX	2,310	33	30	B	B	DJ3XA	58,953	249	129	C	B
DL9FB	2,275	39	25	B	B	DH2URF	49,155	207	113	C	B
DL7CU	1,496	36	17	B	B	DL4VQ	37,720	154	92	C	B
DK2CB	1,470	31	30	B	B	DK2FG	37,577	287	53	C	B
DG3FFM	1,140	30	30	B	B	DL5DBH	36,090	203	90	C	B
DG6ISR	1,134	30	27	B	B	DK7FP	35,604	162	86	C	B
DL1GO	992	24	16	B	B	DL5CD	32,550	168	93	C	B
DC2ZP	931	29	19	B	B	DL/HB9AYZ	29,072	178	92	C	B
DO3CL	481	17	13	B	B	DK5IM	28,294	167	94	C	B
DO6NIK	361	19	19	B	B	DF3EH	25,576	136	92	C	B
DL7LZ	132	10	11	B	B	DL3EBX	21,714	133	94	C	B
DJ4VC	99	9	9	B	B	DL1FMG	19,312	150	71	C	B
DD6VAA	80	8	8	B	B	DH3SR	14,892	104	73	C	B
DA2C (DL8OBQ, op)						DL3KUD	14,184	105	72	C	B
	1,206,072	1,708	252	B	C	DJ6UP	13,140	98	73	C	B
DMØY (DL3BQA, op)						DL5HF	10,792	86	76	C	B
	978,175	1,403	275	B	C	DL5KW	10,582	93	74	C	B
DL6NDW	573,420	1,017	228	B	C	DK1LC	8,610	90	41	C	B
DL9OHA	448,200	634	270	B	C	DH8MS	8,112	99	48	C	B
DF9OO	360,696	638	228	B	C	DL7YAD	4,080	58	40	C	B
DD8SM	117,962	340	169	B	C	DL7FA	1,675	37	25	C	B
DL1JGO	100,326	302	138	B	C	DL6UAM	1,400	38	28	C	B
DL3OHB	94,200	220	150	B	C	DL7MV	403	15	13	C	B
DH2PG	57,475	215	121	B	C	DJ3CS	195	13	13	C	B
DG9SEH	28,888	144	92	B	C	DL4KCA	96	8	8	C	B
DG2SRL	21,931	133	91	B	C	DK4YJ	1,887,886	1,999	286	C	C
DC1JAG	18,761	115	73	B	C	DKØMM (DJ7IK, op)					
DG1RZD	5,217	63	47	B	C		1,196,848	1,219	304	C	C
DL7DCL	4,795	53	35	B	C	DL5YM	908,064	1,235	288	C	C
DN2JOM	80	8	8	B	C	DL4WA	716,832	970	262	C	C
DD1IM	233,130	447	190	C	A	DJ1MM	602,624	1,040	176	C	C
DL2TM	103,870	335	130	C	A	DLØSOP	555,469	1,045	227	C	C
DL8AWK	39,039	205	91	C	A	DL4ME	290,847	581	201	C	C
DF5WW	13,896	113	72	C	A	DK1FT	161,002	397	158	C	C
DK7OG	5,202	66	51	C	A	DJ2RG	157,740	440	165	C	C
DL2BIS	3,403	47	41	C	A	DJ2IA	150,675	323	175	C	C
DH6YMC	1,326	29	26	C	A	DL5JAN	146,256	397	176	C	C
DG3SBM	35	5	5	C	A	DL9LM	139,328	450	112	C	C
DL/GI4DOH	20	5	4	C	A	DL8CA	125,240	334	124	C	C
DD5M (DJØZY, op)						DL6UNF	114,348	333	156	C	C
	830,060	1,180	242	C	B	DL5JQ	104,199	353	141	C	C
DL3JAN	597,744	772	252	C	B	DJ8EW	88,396	241	164	C	C
DL9ZP	508,496	780	244	C	B	DD7NT	73,917	227	129	C	C
DK8NT	463,680	720	252	C	B	DJ4MZ	55,480	246	95	C	C
DL9CW	432,630	735	230	C	B	DM5Z (DM5JBN, op)					
DL3KWF	377,215	847	185	C	B		44,650	217	94	C	C
DL5YL	372,165	743	215	C	B	DL2ZBO	31,005	195	45	C	C
DL4HRM	338,580	819	180	C	B	DL7JOM	23,968	168	56	C	C
DL5KUD	305,505	553	219	C	B	DL1ASA	21,588	107	84	C	C
DL4XU	252,324	530	163	C	B	DK1II	18,179	171	53	C	C
DL7BY	224,358	462	183	C	B	DGØKS	5,440	60	34	C	C
DL4AUK	220,410	574	155	C	B	DLØH (DJ6DP, DF1OE, DJ1SL, ops)					
DG7EE	147,795	357	177	C	B		55,418	230	121	D	B
DL6RAI	131,541	323	163	C	B	DLØFC (DF3FS, DJ5QV, DJ8OG, ops)					
DM3FZN	115,216	320	152	C	B		1,568,160	1,700	330	D	C

DL6KVA	993,855	1,131	295	D	C
DL3QQ	695,155	1,123	205	D	C
DA3X (DL2GK, DL5JS, DL6EZ, ops)	667,446	997	258	D	C
DP7D (DF1QR, DJ4MH, DH6JL, ops)	566,784	944	256	D	C
DMØB (DK6XZ, DK9IP, ops)	550,272	1,060	192	D	C
DLØLK (DL8HCO, DO4WA, DL2HBQ, DG7AK, DF3HD, DH7AS, ops)	537,416	995	248	D	C
DF7BL (+DF5BM)	516,705	821	259	D	C
DFØCI (DL8AKI, DL5ZL, DL2AQI, ops)	313,425	549	175	D	C
DL6KWN	272,272	627	208	D	C
DL3HWD	189,567	425	189	D	C
DLØPAS (DL2ALY, DM4DB, DL5SVB, DL4SZB, DL1SYL, ops)	183,456	486	182	D	C
DK6AH (+packet)	179,862	401	186	D	C
DP9I (DL1EK, DH4JQ, DK8XX, ops)	153,816	394	174	D	C
DKØTC (DL1AMD, DL1APQ, DE1APJ, DE2PIA, DL4MA, DM2DDJ, DM3DJ, ops)	124,504	340	158	D	C
DF2CH	113,488	290	173	D	C
DK6UC	95,509	345	149	D	C
DL5ASK	88,400	276	136	D	C
DL2PR	69,372	300	123	D	C
DKØCCC (DM7TH, DJ1SKA, ops)	63,757	275	103	D	C
DM2RN	58,128	257	112	D	C
DFØM (DF2NU, DK9MH, DL2QT, ops)	50,508	202	122	D	C
DK6BT	45,326	212	131	D	C
DLØWO (DL3YHM, DG5YIS, ops)	44,863	217	91	D	C
DL8SCG	40,931	189	61	D	C
DL8AAM	29,916	205	108	D	C
DG2BHB	25,688	166	76	D	C
DG7RO	24,503	131	107	D	C
DM3F (DH5FS, op)	20,410	114	65	D	C
DF8UO	20,330	126	95	D	C
DK1AX	16,974	130	69	D	C
DL9HD	10,512	76	73	D	C
DL7UPN	10,126	76	61	D	C
DO1GAR	7,344	60	34	D	C
DK3UA	4,888	64	47	D	C
DL4EAX	3,400	55	40	D	C
DC2VE	3,192	46	42	D	C
DL1LOD	2,666	48	31	D	C
DJ5HB	2,412	43	36	D	C
DM3VL	1,566	34	29	D	C
DF7GG	1,520	42	20	D	C
DLØLD (DF6YC, op)	1,452	32	33	D	C
DL1YFF	1,404	34	18	D	C
DHØJAE	620	25	20	D	C
DC2CT	570	18	15	D	C
DK4US	540	22	15	D	C
DJ4EY	462	18	11	D	C
DN7OMB	231	13	11	D	C
DL9HUH	35	7	5	D	C

Greece

SV3AUW	37,286	170	103	B	A
SV2YC	2,809	53	53	B	B
SV1OCN	1,403	27	23	B	B
SY8APQ (PY2DY, op)	22,320	199	48	D	C

Hungary

HA5BKV (HA5NB, op)	323,330	588	217	A	A
HA5MY	279,744	622	188	A	A
HA6PJ	63,111	285	109	A	A
HA7GN	924,235	1,261	241	A	B
HA7JQK	61,560	248	114	A	B
HA9SU	3,003	57	33	A	B
HA5BGG	141,267	279	147	B	A
HA4XH	828,168	1,171	264	B	B
HG3R	2,043,468	2,120	318	B	C
HA6NL	506,016	850	252	C	A
HG3M	293,433	793	157	C	A
HA5BA	83,979	297	129	C	A
HA7MW	68,040	194	126	C	A
HAØGK	251,702	538	187	C	B
HA6OA	144,000	656	72	C	B
HA6NN	117,176	316	151	C	B
HA2MN	55,080	202	81	C	B
HA9RP	10,332	73	36	C	B
HA1TNX	1,284,240	1,683	240	C	C
HA3OD	519,048	909	216	C	C
HA8TP	366,282	837	162	C	C
HAØHW	261,248	747	128	C	C
HAØLP	152,964	613	84	C	C
HG5P (HA5BH, HA5MNA, ops)	9,486	125	34	D	B
HG6N (HA1AG, HA3OV, HA6ND, HA6NY, HA6ON, ops)	3,157,632	2,669	384	D	C
HG7T (HA5KQ, HA5AGS, HA7TM, HAØDU, ops)	2,506,518	2,206	349	D	C
HA3ØS (HA1TJ, HA1DAC, HA1DAI, HA1RJ, HA8DM, HA1DAE, ops)	2,344,528	2,149	368	D	C
HA3OU	460,613	771	211	D	C
HA9PP	86,913	271	111	D	C
HA2VR	21,060	124	78	D	C

Italy

I2VGW (I2VGW @I2VGW)	36	6	6	1	C
IZ8JFL	224,154	556	189	A	A
I17U	27,760	153	80	A	A
IK4OMU	23,256	133	72	A	A
I4MNY	9,238	85	62	A	A
IZ5JLW	24	6	4	A	A
IKØXBX	532,800	708	288	A	B
IV3BCA	323,451	579	249	A	B
IK7NXU	207,888	414	183	A	B
IK2SAU	199,202	371	206	A	B
IK2GZU	134,209	427	103	A	B
IR4E (IK4ZHH, op)	88,220	308	110	A	B
IT9KCD	65,586	329	102	A	B
IQ7AF	52,920	194	140	A	B
IK8ARF	48,952	190	116	A	B
I17M	39,200	184	100	A	B
IZ1HHG	37,801	179	103	A	B
IKØCHU	30,082	152	89	A	B
I5ECW	25,553	135	101	A	B

IK2REA	24,871	161	77	A	B	IZ5RKC	60,243	213	129	B	B
IZ1POA	20,300	175	116	A	B	IZ2SQS	54,810	336	63	B	B
IØUZF	19,380	278	30	A	B	IZ3QHA	51,272	218	116	B	B
IW1FZR	15,813	129	63	A	B	IN3HDE	45,401	153	83	B	B
IN3HUU	14,085	115	45	A	B	IZ5EKX	36,805	181	85	B	B
IZ8XLT	12,408	106	66	A	B	IW2NRI	35,778	172	89	B	B
IV3IDP	11,484	94	58	A	B	IWØEYT	35,672	172	91	B	B
IK1JJM	10,620	70	59	A	B	IV3ARJ	33,535	179	95	B	B
IZ8DDP	8,976	80	66	A	B	IZ1NBX	32,938	153	86	B	B
I3JKI	4,462	59	46	A	B	IN3EHR	31,527	173	93	B	B
IK4IDP	3,825	57	51	A	B	IW7ECA	30,885	161	87	B	B
IV3KKW	3,200	56	50	A	B	IZ4VSD	29,355	139	95	B	B
IZ3PZI	2,553	35	37	A	B	IZ2YAF	29,260	162	95	B	B
IZ2DII	2,322	56	27	A	B	IK7HTB	29,145	153	87	B	B
I4HRH	1,980	34	22	A	B	IN3AUD	28,160	166	88	B	B
IKØPEA	1,320	32	20	A	B	IW6PWC	27,354	135	94	B	B
IK5BOH	72	12	6	A	B	IT9BDR	26,016	149	96	B	B
IK2GRA	72	12	6	A	B	IZ6ITZ	24,186	126	87	B	B
IK1XPK	60	10	6	A	B	IK8WEL	23,370	122	95	B	B
IZ8GBT	54	5	6	A	B	IW9DAF	23,023	121	91	B	B
IZ8PPH	48	8	6	A	B	IO7R (IZ7DMT, op)					
IQ1EE	35	7	5	A	B		22,876	141	76	B	B
IN3EJN	32	4	4	A	B	IT9DEK	22,533	133	87	B	B
IZ1FYQ	30	6	5	A	B	IØKWX	21,900	132	75	B	B
IT9MBZ	16	4	4	A	B	IZ1HBC	19,926	124	81	B	B
IZ8FTW	12	2	2	A	B	IT9DBF	19,880	178	70	B	B
IR9Z (IT9VCE, op)						IW1RGS	19,118	118	79	B	B
	317,520	892	196	A	C	IKØBAL	16,380	98	78	B	B
IZ3GFZ	176,640	328	230	A	C	I2BZN	16,344	107	72	B	B
IZ3GNG	109,728	350	144	A	C	IZ8LIP	16,195	105	79	B	B
IK1RGK	86,317	279	133	A	C	IZ2BKA	15,840	110	66	B	B
IK2CIO	55,056	300	62	A	C	IV3WSV	15,470	115	70	B	B
IW9FI	38,845	177	85	A	C	IZ1WTO	14,440	96	76	B	B
IWØSAF	34,624	241	64	A	C	IN3ENN	11,092	84	59	B	B
IKØYUT	24,219	221	39	A	C	I8VAX	10,384	78	59	B	B
IW2ETR	21,508	153	76	A	C	IN3XUG	10,332	85	84	B	B
IZ1PLH	14,475	103	75	A	C	IKØMPI	8,924	90	46	B	B
I7CSB	7,379	73	47	A	C	IV3EWO	8,800	78	50	B	B
IK8JVG	2,756	52	53	A	C	IZ7XVG	8,760	66	60	B	B
IZ1DFG	918	25	18	A	C	IZ3XAC	8,592	83	48	B	B
IK8JDH	779	21	19	A	C	IZ4WNA	8,427	83	53	B	B
IK2TDM	444	19	12	A	C	IZ5CMI	8,424	62	54	B	B
IØGOD	176	14	8	A	C	IZ2ZTR	7,840	78	49	B	B
IZ3KIF	72	12	6	A	C	IN3JRZ	7,755	87	55	B	B
I4GAS	54	9	6	A	C	IZ2JNN	7,605	89	45	B	B
IZ7FLP	97,552	487	112	B	A	I1DXD	6,760	68	52	B	B
IZØFUW	53,562	208	113	B	A	IN3EQD	6,357	69	39	B	B
IZ5JLF	16,720	120	76	B	A	IK4XQT	5,640	66	47	B	B
IK3XTT	14,413	89	71	B	A	I3LTT	4,880	56	40	B	B
I5KAP	7,453	95	29	B	A	IZ4AIF	4,218	46	37	B	B
IZ5CFN	1,178	34	31	B	A	IZ1QXW	3,680	52	46	B	B
IZ1TTR	936	28	18	B	A	IZ2ZOT	2,904	48	33	B	B
IZ8JJI	576	20	18	B	A	IW2DJN	2,607	37	33	B	B
IB1B (IW1QN, op)						IZ4EFP	2,491	45	47	B	B
	770,592	1,010	276	B	B	IW3AGO	2,352	42	42	B	B
IZ8GNR	225,615	589	169	B	B	IZ2LQD	1,768	36	26	B	B
IK4DCX	165,088	448	176	B	B	IZ3WXR	1,550	26	25	B	B
IT9CFP	136,865	441	155	B	B	IZ2SXZ	1,216	24	19	B	B
IZ5MXA	117,459	413	93	B	B	IZØYIV	690	20	15	B	B
IZ5MKA	109,746	331	134	B	B	IZ5IMD	576	24	24	B	B
IV3BAZ	107,702	302	157	B	B	IZ1PIO	448	14	14	B	B
IØK (izØume, op)						IZ3TFL	345	15	15	B	B
	104,052	309	116	B	B	IZ2LTW	297	11	9	B	B
I13I	77,971	303	103	B	B	IK4NZD	234	12	9	B	B
I5DOF	74,160	237	144	B	B	I1/DK2JEQ	0	-1	0	B	B
I13VR (IZ3XEF, op)						IKØPHY	754,810	1,070	263	B	C
	70,680	236	114	B	B	IK2YCW	419,528	642	229	B	C

IZ0PMV	302,614	583	206	B	C	IQ1CN (IK1ZOD, IW1FPK, IZ1MMM, IZ1GLX, ops)					
IZ1OSP	296,022	645	206	B	C		607,000	1,403	200	D	C
IZ1PKV	281,300	602	194	B	C	IR2T (I2GPT, IK2CKR, IW2HKW, IZ2BKP, IZ2FLX, IZ2QCP, ops)					
IZ4AFW	150,345	509	117	B	C		559,584	1,186	174	D	C
IT9DFI	114,026	375	146	B	C	IZ3KKE	286,911	497	213	D	C
IK0BZE	56,674	237	86	B	C	IQ3VI (IZ3NWP, IZ3ZOO, IZ3ZQS, IZ3ZPY, IZ3ZVH, IZ3SQT, I3GQR, IZ3CDH, ops)					
IZ1PHT	40,222	230	91	B	C		23,621	139	79	D	C
IZ8EPX	39,585	261	87	B	C	IK2YVE (+I2BJS, IK3YXP)					
IZ3SQW	33,216	235	64	B	C		23,121	135	63	D	C
IW0GTA	26,904	120	114	B	C	IV3DYS	17,112	92	69	D	C
IZ7PDX	23,525	197	25	B	C	IZ8VKW	12,213	79	59	D	C
I1YGQ	21,648	136	88	B	C	IZ3NYG	10,101	135	21	D	C
IK0UTM	18,816	116	84	B	C	IN3FHE	7,104	67	64	D	C
IZ2SMQ	9,291	73	57	B	C	IZ8EDL	6,400	82	64	D	C
IK0VSY	8,932	72	58	B	C	IK1VEK	4,551	57	41	D	C
IK7YTQ	4,620	86	30	B	C	IK2IKW	3,234	40	33	D	C
IZ4ORO	3,696	44	44	B	C	IK2AUK	612	19	12	D	C
IZ5TJF	782	20	17	B	C	IV3ODE	72	12	6	D	C
IZ1OQB	96	8	8	B	C	ITU HQ					
IK8WQC	36	6	6	B	C	4U1ITU (OM1AM, SV3SJ, ops)					
I0ZUT	96,585	285	137	C	A		179,088	752	104	D	C
IV3DRP	90,024	294	124	C	A	Macedonia					
IN3YKS	1,736	42	31	C	A	Z320R (Z35F, op)					
IZ2GRG	246,620	472	209	C	B		138,592	526	122	C	B
IK8TEO	169,510	647	110	C	B	Z31WW	29,380	209	52	C	B
IK0TUM	136,728	348	162	C	B	Poland					
I6FDJ	113,988	366	138	C	B	SP3PL	398,784	598	248	A	B
I3PXN	99,949	309	127	C	B	SO8O (SP8AJC, op)					
IB2Z (IK2DZN, op)							308,940	586	190	A	B
	69,600	218	120	C	B	SQ3WW	247,536	560	216	A	B
IZ4DYX	67,584	256	96	C	B	SP8CGU	238,948	569	164	A	B
IK2CFD	44,100	212	90	C	B	SP3DOF	128,281	323	163	A	B
IK2NUX	34,968	148	94	C	B	SP6CC	97,495	305	155	A	B
IK2WAD	22,365	151	71	C	B	SQ9FMU	93,252	314	114	A	B
IK3XJP	21,093	123	79	C	B	SP3UIW	92,686	302	121	A	B
IN3OWY	16,704	146	72	C	B	SP4AAZ	82,360	308	145	A	B
IK8HTM	15,895	115	55	C	B	SP6BAA	71,568	254	142	A	B
IZ3KMY	14,555	101	71	C	B	SP7FGA	68,724	250	138	A	B
IT9NVA	13,464	216	36	C	B	SP5ICS	65,750	272	125	A	B
IK1CCS	12,672	90	64	C	B	SP9KJU (SP9MDY, op)					
IK2WYI	11,076	109	52	C	B		60,604	254	139	A	B
IZ2GMT	7,140	70	51	C	B	SP6MLX	54,168	328	61	A	B
IZ1QXV	7,095	81	33	C	B	SQ2BNM	51,584	213	128	A	B
IK1DPA	5,781	61	47	C	B	SP5TT	50,479	201	143	A	B
IK2UJF	3,569	53	43	C	B	SN1T (SQ1RET, op)					
IW1CNP	2,016	38	28	C	B		48,672	234	104	A	B
IK2TKX	1,104	28	24	C	B	SP2AEK	40,702	221	94	A	B
IK5YJK	935	21	17	C	B	SP1EG	38,907	217	99	A	B
IZ1DXS	816	20	17	C	B	SP1MGM	34,255	199	85	A	B
IK8SCR	0	0	1	C	B	SP4GHL	29,790	177	90	A	B
IR2C (IK2JUB, op)						SQ9DXN	25,676	150	98	A	B
	1,794,186	2,108	263	C	C	SP7SZW	18,018	131	78	A	B
4U1GSC	1,398,528	2,037	256	C	C	SQ2RH	15,750	145	50	A	B
I12E (IK2NCJ, op)						SQ8KFM	15,535	111	65	A	B
	1,319,608	1,607	248	C	C	SP9GPW	12,312	90	38	A	B
IB3C	305,760	650	168	C	C	SP1EGN	11,560	100	68	A	B
IK0GDG	113,772	547	76	C	C	SP9BGS	11,136	100	58	A	B
IK1ZFO	46,331	211	107	C	C	SP4PBI (SQ4RND, op)					
IK3OII	30,940	136	91	C	C		10,860	99	60	A	B
IK2EGL	13,392	182	27	C	C	SP9CLU	9,638	100	61	A	B
IZ4ISC	580	23	20	C	C	SQ9SHR	6,468	66	49	A	B
IZ8DSS	0	0	2	C	C	SQ6SFX	5,995	71	55	A	B
IR4X (I4TJE, IK4VET, IK4ZGO, IZ3EYZ, ops)											
	3,678,584	2,748	403	D	C						
IR3Z (IN3QBR, IK2SND, IZ3GOM, ops)											
	1,318,828	1,690	259	D	C						

SQ5IRH	3,937	61	31	A	B	SP1FPG	94,200	314	150	B	B
SP9CQ	1,785	37	21	A	B	SP1FRC	93,765	303	133	B	B
SQ7RL	1,782	30	27	A	B	SP7VTQ	90,400	257	160	B	B
SP6PHD (SP6CIK, op)						SP2ALT	77,568	296	128	B	B
	1,520	41	16	A	B	SQ9BDB	76,372	302	122	B	B
SP6IHE	1,100	27	20	A	B	SN9P (SQ9GAI, op)					
SP4GDC	1,053	31	27	A	B		74,524	319	124	B	B
SQ5LTL	900	25	20	A	B	SQ2EAN	70,356	256	143	B	B
SP5APU	702	26	27	A	B	SP9XU	67,900	192	97	B	B
SP4ICN	656	29	16	A	B	SQ6DGO	67,365	261	135	B	B
SP8HXN	576	22	18	A	B	SP7SZK	66,040	256	130	B	B
SQ6PZL	336	20	14	A	B	SP9CLO	53,505	203	123	B	B
SP7HIW	300	18	15	A	B	SQ3RLC	52,316	213	116	B	B
SQ2PHG	288	18	12	A	B	3Z6O	50,794	230	109	B	B
SP8HWM	195	13	13	A	B	SQ2MTK	49,932	238	114	B	B
SP8BVO	192	16	12	A	B	SP9BMH	45,477	205	93	B	B
SP6EVZ	187	17	11	A	B	SQ4KBB	44,198	213	98	B	B
SP3GAX	150	15	10	A	B	SP2EU1	42,930	209	106	B	B
SP7CVV	136	11	8	A	B	SP3NYC	42,525	159	105	B	B
SP8BJU	90	7	6	A	B	SQ3MZM	40,672	228	82	B	B
SP7EBM	72	12	6	A	B	SNØZHG	40,375	189	125	B	B
SP5ADX	72	12	6	A	B	SP9PRR (sq9nos, op)					
SQ2CFK	66	11	6	A	B		40,014	197	114	B	B
SP2SWO	66	11	6	A	B	SQ8LSC	39,330	207	90	B	B
SP2KFU (SP2UKW, op)						SQ3KKR	29,719	167	113	B	B
	66	11	6	A	B	SP8BOZ	26,550	157	90	B	B
SP2FMN	66	11	6	A	B	SP5MBI	25,852	143	92	B	B
SP2FNS	66	11	6	A	B	SP8ONB	25,615	145	109	B	B
SP2DWA	66	11	6	A	B	SP7MFU	23,144	153	88	B	B
SQ2KLU	54	9	6	A	B	SQ4CTS	20,086	154	83	B	B
SP2DDV	48	8	6	A	B	SQ8KEZ	19,504	148	53	B	B
SP9NLG	28	7	4	A	B	SQ7HJZ	19,465	121	85	B	B
SP5ETS	27	3	9	A	B	SP3WXI	18,105	131	85	B	B
SN7S	15	5	3	A	B	SP7RJL	18,094	128	83	B	B
SP5NZZ	6	3	2	A	B	SN6DX	17,862	93	78	B	B
SP7OGP	-3,077	-93	17	A	B	SQ7BTY	17,640	121	72	B	B
SO9C (SQ9CNN, op)						SQ2OMB	16,986	120	57	B	B
	293,832	705	168	A	C	SP2BZK	15,456	124	69	B	B
SP3DIK	72,792	252	108	A	C	SQ3PMX	15,180	124	66	B	B
SP4ETO	28,106	121	94	A	C	SP5DRE	15,147	111	51	B	B
SP9MRO	22,100	326	34	A	C	SQ5GVY	14,630	104	77	B	B
SP3FYX	5,258	95	22	A	C	SQ7OBD	14,454	110	73	B	B
SP8AJK	5,122	69	26	A	C	SP8DIP	14,342	90	71	B	B
SP6AEG	2,806	57	46	A	C	SQ5NWH	13,320	93	72	B	B
SP2FAP	728	24	26	A	C	SP5LCS	12,070	98	71	B	B
SP6JIU	231	17	11	A	C	SQ5SUL	9,912	96	59	B	B
SP7HKK	72	12	6	A	C	SP9YGD (SP9NWN, op)					
SP4BEU	72	12	6	A	C		9,702	98	99	B	B
SP2QOT	83,707	309	137	B	A	SQ4G	9,144	132	36	B	B
SP4LVK	78,840	276	146	B	A	SP8OBQ	8,200	72	50	B	B
SQ8MHI	44,198	229	98	B	A	SQ8NQS	8,150	97	50	B	B
SP5DDJ	32,640	162	102	B	A	SQ7ACP	8,094	78	57	B	B
SQ8MFB	21,762	135	78	B	A	SP1QXK	7,668	76	54	B	B
SQ1PTO	20,124	118	86	B	A	SP5XXX	7,366	77	58	B	B
SQ3OGP	11,480	96	70	B	A	SQ3TCM (SQ3RLC, op)					
SP3DRM	9,321	91	39	B	A		6,591	73	39	B	B
SQ6NDM	104	13	8	B	A	SN1J (SP1MWF, op)					
SQ5FGB	28	5	4	B	A		5,300	66	53	B	B
SQ9ORQ	496,826	885	242	B	B	SQ9KPJ	5,280	68	33	B	B
SQ4JEN	250,875	553	223	B	B	3Z6AET	4,608	58	48	B	B
SQ2NNN	244,650	549	210	B	B	SQ9KDO	4,230	52	47	B	B
SQ6PLH	227,604	583	156	B	B	SP8OOB	4,225	65	65	B	B
SQ9NIN	213,600	450	200	B	B	SQ2MMS	3,392	56	53	B	B
SP6DVP	183,260	492	154	B	B	3Z3P	3,300	50	33	B	B
SQ2WHH	182,664	458	177	B	B	SP3QFE	2,646	43	42	B	B
SQ7LRT	125,783	459	151	B	B	SQ2MMP	2,295	41	27	B	B
SQ8OQE	115,362	350	153	B	B	SP5DDF	2,162	47	46	B	B

SQ9NIU	1,242	28	27	B	B	SP9GR	317,655	707	181	C	C
SP7QPG	1,034	25	22	B	B	SP9MZH	278,536	582	148	C	C
SP6AN	840	25	24	B	B	SP3ASN	131,100	346	138	C	C
SQ8NGV	792	25	24	B	B	SN6A (SP6CES, op)					
SQ2OSE	611	15	13	B	B		96,936	267	168	C	C
SP5LGN	608	18	16	B	B	SQ7B	92,736	302	138	C	C
SQ7OTH	432	18	18	B	B	SP2FOV	21,528	101	72	C	C
SP6BBE	399	19	19	B	B	SP5GH	16,820	58	58	C	C
SQ3PMW	338	18	13	B	B	SP2FGO	14,322	115	42	C	C
SQ6OEU	299	13	13	B	B	SP9RI	10,143	95	49	C	C
SQ3OPM	120	10	10	B	B	SN2K (SP2DWG, SP2FWC, SP2IST, SQ2IHP, ops)					
SQ8JLF	49	7	7	B	B						
SQ7OTA	39	3	3	B	B		1,696,410	2,028	309	D	C
SP7JWT	25	5	5	B	B	SN1D (SP1GZF, SP1NQN, SP1RKT, ops)					
SQ3NQD	9	3	3	B	B		1,100,925	1,355	315	D	C
SP6VGB	1	1	1	B	B	SP2KPD (SP2IJ, SP2MKI, SP2MKT, SQ2OSJ, ops)					
SN9L (SQ9NIS, op)							844,830	1,267	270	D	C
	414,834	698	249	B	C	SN3R (SP3DVG, SP3LAC, ops)					
SN2J (SP2JMR, op)							655,200	908	252	D	C
	297,880	592	220	B	C	SP3S	577,800	998	225	D	C
SQ9HZM	127,818	389	162	B	C	SN7X (SQ7IQI, SQ7PGP)					
SP3GXH	43,056	198	104	B	C		423,152	858	212	D	C
SP8MRD	34,989	167	107	B	C	SP9KR	397,242	805	174	D	C
SN4W (SP4ICP, op)						SP6KCN (SP6AXW, SP6QKO, ops)					
	12,285	95	63	B	C		300,300	684	195	D	C
SP8BQL	11,726	112	41	B	C	SP7MC (+SP7DCS)					
SP3PJY (3Z3AHK, op)							250,470	566	207	D	C
	4,446	115	26	B	C	SP2HYO	147,361	333	149	D	C
SP4GFG	122,010	375	166	C	A	SP7AWG	75,828	278	142	D	C
SP6EY	60,840	249	104	C	A	SP6ZDA (SP6NIC, op)					
SP7EWD	58,824	254	114	C	A		59,691	245	101	D	C
SO1D (SP1JPQ, op)						SQ9NJ	55,675	211	131	D	C
	46,800	206	104	C	A	SP9CUX	42,624	188	96	D	C
SP6BXM	18,496	130	68	C	A	SQ9IDE	30,400	218	50	D	C
SP8LXE	1,564	38	23	C	A	SP2HWW	27,466	193	62	D	C
SP4JCQ	958,403	1,279	293	C	B	SP9W	19,944	208	36	D	C
SP1AEN	423,063	715	243	C	B	SP3CYY	19,034	139	62	D	C
SN5J (SP5JXK, op)						SP1MWK	16,920	110	47	D	C
	249,546	506	199	C	B	SO7B	10,112	78	79	D	C
SP6LV	215,096	488	161	C	B	SQ1EUG	9,648	78	67	D	C
SQ9BDN	185,090	427	166	C	B	SQ9JKS	6,750	71	50	D	C
SP2AYC	117,221	401	127	C	B	SQ6PWJ	4,242	51	42	D	C
SN9U	115,605	455	105	C	B	SP1MVW	4,080	64	40	D	C
SP4EEO	92,532	293	132	C	B	SP7TEX	3,666	48	39	D	C
SP5AUY	56,595	257	77	C	B	SQ8GBG	3,520	54	40	D	C
SP3AMO	36,676	184	106	C	B	SQ9IAU	2,964	48	39	D	C
SP9KAO (SP9RQJ, op)						SP6M	1,005	25	15	D	C
	36,464	156	53	C	B	SP6T	731	25	17	D	C
SP2HMY	28,842	183	66	C	B	SP9MRN	544	22	17	D	C
SP3IOE	23,744	200	53	C	B	SP5ELA	462	21	14	D	C
SP9DUX	23,343	143	93	C	B	SN15ØPS (SP5CGN, op)					
SP5CNA	21,636	303	36	C	B		238	14	17	D	C
SP5CGN	21,210	132	101	C	B	SQ1K	112	8	8	D	C
SP9BNM	19,950	122	75	C	B	SQ9FVP	5	1	1	D	C
SQ2EEQ	16,380	124	65	C	B						
SP2RIQ	6,432	76	48	C	B	Romania					
SP7CCB	4,644	65	36	C	B	YO2CJX	336,260	694	215	A	B
SP2WGB	4,123	41	31	C	B	YO5AIR	198,030	546	161	A	B
SQ9EI	3,108	50	42	C	B	YO7CVL	140,130	466	135	A	B
SP5CQI	2,368	34	37	C	B	YO4RST	108,823	339	143	A	B
SP6TRH	66	6	3	C	B	YO4FZX	86,878	334	121	A	B
SP8GEY	36	6	6	C	B	YO2GL	76,038	253	114	A	B
SP3OL	25	5	5	C	B	YO3CBZ	50,112	230	108	A	B
SP9LJD	1,707,244	1,564	322	C	C	YO6DBL	35,245	191	95	A	B
SP2LNW	1,035,204	1,258	307	C	C	YO6HSU	16,240	97	80	A	B
SP2QG	616,080	1,019	240	C	C	YP6Z (YO6SZ, op)					
SP9DLY	522,900	676	249	C	C		1,560	39	40	A	C

Slovakia

OM7AT	72,216	313	118	A	B
OM2AAZ	7,802	92	47	A	B
OM7RU	1,015,092	1,504	241	A	C
OM8JP	3,219	53	29	B	A
OM7AB	107,152	376	148	B	B
OM7JM	31,050	157	90	B	B
OM8AXU	1,782	50	27	B	B
OM4KK	16,272	116	72	B	C
OM4F (OM4AA, op)	46,784	222	86	C	A
OM3TLE	9,163	91	49	C	A
OM3CWY	640,248	858	259	C	B
OM3ZWA	348,500	676	205	C	B
OM4O (OM3NI, op)	307,228	640	178	C	B
OM4DN	212,220	457	180	C	B
OM2AW	150,920	444	110	C	B
OM7SR	74,875	267	125	C	B
OM5MX	62,800	232	100	C	B
OM6AL	26,696	160	94	C	B
OM3BA	8,415	77	51	C	B
OM5WW	969,732	1,634	219	C	C
OM4J (OM4JD, op)	134,470	281	170	C	C
OM8LA	242,176	490	176	D	C
OM7LM	211,896	556	162	D	C
OM7PY	20,160	180	48	D	C

Slovenia

S57YK	10,920	123	40	A	B
S51NM	4,824	44	36	A	C
S57LR	54,600	247	104	B	A
S57PKT	38,880	186	90	B	B
S53AR	135,408	356	156	C	A
S51F	817,362	1,056	273	C	B
S57AY	55,965	231	91	C	B
S52AU	340,800	538	200	C	C
S56A	323,144	493	248	D	C
S53I	283,392	598	192	D	C
S56B	85,540	274	130	D	C
S51DX	31,356	216	67	D	C
S52WW	28,782	169	82	D	C
S55VM	20,184	126	87	D	C
S59T	1,280	30	16	D	C

Switzerland

HB9QA	13,912	98	74	A	B
HB9EXP	11,284	96	62	A	B
HB9EGA	64,000	234	125	B	A
HB9MXY	59,944	214	127	B	B
HB9RJJ	12,696	114	46	B	B
HB9TZU	5,781	71	47	B	B
HB9FFW	5,350	65	50	B	B
HB9AWS	1,953	35	31	B	B
HB3ØOK (HB9OAU, op)	154,098	551	126	B	C
HB9TOC	45,198	196	93	B	C
HB9ARF	648,168	1,006	239	C	B
HB9ELD	8,892	77	52	C	B
HB9ZZ (HB9DDO, HB9ETZ, HB9EVC, HB9EXR, HB9FDQ, HB9TYU, ops)	513,172	866	214	D	C
HB9FA (HB9ENM, HB3YSI, ops)	185,136	460	174	D	C

Montenegro

4O3A (YU1YV, op)	1,279,780	1,685	244	A	C
4O4SM	5,616	65	48	C	A

Zone 29**Armenia**

EK3GM	1,476	32	18	A	B
EK6SI	48,895	241	77	B	B
EK6LP	18,080	154	40	C	B

Azerbaijan

4K6FO	289,636	697	148	C	B
4K9W	101,781	287	129	C	B

Belarus

EU6AA	212,670	545	170	A	B
EW8OG	126,073	387	139	A	B
EW7LE	50,932	194	107	A	B
EU3AA	39,160	178	89	A	B
EW2EO	44,786	219	98	A	C
EW3LN	36,470	209	70	A	C
EW8FU	46,592	204	104	B	B
EW1BA	12	2	2	B	B
EW8OF	281,112	764	156	C	B
EU1U	255,312	610	162	C	B
EU1DX	123,224	348	146	C	B
EU1AI	105,624	338	108	C	B
EW6EN	97,356	330	122	C	B
EU4CQ	90,516	268	114	C	B
EW2ES	55,200	229	96	C	B
EW1EO	31,020	266	47	C	B
EW6GF	28,640	292	40	C	B
EW7DK	120	10	10	C	B
EW7SM	249,664	646	166	C	C
EU3NA	242,215	481	193	C	C
EW8OM	124,115	467	103	C	C
EW6WF (EU6RO, EV6M, EW6AF, EW6EW, ops)	737,424	1,314	216	D	C
EU1WW (EU1UA, EW1DR, ops)	590,096	1,125	208	D	C
EU1TX (+EU1ACJ, EW6BN)	249,392	527	176	D	C
EU4DGC	2,184	37	24	D	C

Estonia

ES5TF	3,193	47	31	B	A
ES1LS	166,734	444	157	B	B
ES8SX	98,750	334	125	B	B
ES6RMR	19,028	124	71	B	B
ES5RW	1,946,516	2,372	286	B	C
ES2IPA	58,926	219	122	B	C
ES4MM	37,146	144	123	C	B
ES4RD	252,816	706	138	C	C
ES5HTA	75,020	282	110	D	C
ES5KJ (ES5RY, op)	30,623	165	113	D	C
ES2BH	2,310	43	22	D	C

European Russia

RU5TT (UA3TW, op)	414,447	785	209	A	A
RL3DZ	128,226	381	142	A	A
RT5R	77,760	294	120	A	A
RX3DIS	26,134	148	73	A	A
RV3DBX	21,756	133	84	A	A
R7MM	1,174,240	1,298	328	A	B

RM3F (UA3DPX, op)					RV4LC	104,804	336	133	A	C	
	1,025,050	1,524	247	A	B	UA4AAC	88,920	320	117	A	C
RK3IM	549,933	837	263	A	B	UA4NC	57,792	210	129	A	C
RO2D (UC3DAB, op)						RX3AEX	56,823	265	93	A	C
	393,120	918	180	A	B	UA3DUJ	52,920	236	84	A	C
RT3K	339,680	678	193	A	B	RN4NF	46,354	153	86	A	C
R7NW	333,004	617	196	A	B	UA3TN	39,760	187	80	A	C
UA3SAQ	251,934	502	199	A	B	UA6ART	36,330	183	70	A	C
RC7C	239,910	634	165	A	B	UA6LCN	20,746	240	41	A	C
RW7M	205,964	554	151	A	B	RK4FM	11,865	121	35	A	C
RN3DN	191,425	507	155	A	B	RA3TT	8,250	98	33	A	C
RN6MA	174,707	369	151	A	B	UA4NCI	1,920	42	15	A	C
RV3YR	164,335	513	115	A	B	R3BY	1,088	22	17	A	C
RA3ATE	149,376	439	128	A	B	R1DX	171	13	9	A	C
RA3SI	120,988	362	149	A	B	R2WW	5,640	80	30	B	A
RU3DM	113,332	347	116	A	B	R2AD	4,437	61	29	B	A
RX4CD	95,932	319	116	A	B	UA3BL	399,393	689	223	B	B
RW4CR	90,858	293	114	A	B	RZ3Z	369,364	624	214	B	B
RW2D	86,273	309	121	A	B	R6DG	302,100	694	159	B	B
RX6LOL	85,344	268	127	A	B	UA6LN	105,732	275	132	B	B
RV3MR	85,020	282	130	A	B	RA6LIS	104,800	290	131	B	B
RN3FT	77,662	276	103	A	B	R3AAA	103,950	306	135	B	B
R4IT	77,575	301	107	A	B	RA3SAE	78,048	301	96	B	B
RM3UA	73,560	289	120	A	B	UA4AVN	77,440	262	110	B	B
RA1AL	72,407	453	61	A	B	UA6LCG	76,128	268	122	B	B
R7MC	67,588	246	122	A	B	RA1ANY	75,392	254	124	B	B
UA1CUR	62,280	223	120	A	B	UA3OQ	62,916	228	107	B	B
RV6AAA	60,480	206	135	A	B	RA3YDA	53,958	199	102	B	B
R2AF	55,315	215	115	A	B	RN3BU	51,888	224	94	B	B
UA4ARF	48,804	202	98	A	B	UA7GU	48,116	213	92	B	B
UA6HFI	42,840	202	105	A	B	RA3DAD	33,887	151	103	B	B
RW3DY	34,255	181	85	A	B	R3EVG	29,808	158	81	B	B
RA6XB	31,620	152	102	A	B	RK3AVO	28,552	148	83	B	B
UA6GE	28,408	140	67	A	B	UA3ABF	15,834	122	39	B	B
R7TO	26,688	155	64	A	B	RA1APV	13,440	100	64	B	B
RN6A	24,072	136	68	A	B	RA4CBH	10,088	86	52	B	B
RU3VV	20,076	121	84	A	B	RA4LBS	9,790	86	55	B	B
RN4CA	15,840	114	55	A	B	R7HG	4,221	59	63	B	B
RU4AA	14,994	112	51	A	B	R7MP	3,636	53	36	B	B
UA3AAJ	11,610	93	54	A	B	RD3AJB	3,604	54	34	B	B
RZ3AUL	9,718	103	86	A	B	RZ3DOT	3,248	36	29	B	B
RW1AI	7,956	68	39	A	B	RM5DZZ	2,541	39	33	B	B
RA4Y	5,746	85	34	A	B	UA3SN	1,485	31	27	B	B
RA4LK	4,280	47	40	A	B	R2DX	63	7	7	B	B
RA7A	3,444	51	28	A	B	R2DM	25	5	5	B	B
RA4UAT	1,682	32	29	A	B	RC5Z	881,192	1,316	229	B	C
UA3DPM	1,575	31	25	A	B	RW3DU	870,604	1,267	236	B	C
R3LW	1,188	36	33	A	B	RW1CW	429,360	653	240	B	C
RU3SD	936	24	18	A	B	UA6EE	371,640	746	190	B	C
RA6AR	480	18	15	A	B	R3DL	186,736	439	176	B	C
RU4AX	231	15	11	A	B	UA3VFS	164,010	417	154	B	C
RA3Z	5	1	1	A	B	R3GZ	148,784	364	136	B	C
RM2U	1,340,700	1,509	300	A	C	U1BD	95,976	300	124	B	C
RA3NC	904,327	1,237	271	A	C	RU3KU	33,618	165	78	B	C
R4IO	611,776	1,402	158	A	C	RN3FK	25,360	141	80	B	C
UA4L	599,552	896	256	A	C	R5FO	9,840	90	40	B	C
RN3BO	467,775	849	231	A	C	UA3RE	2,184	36	26	B	C
RM5D	364,980	1,498	79	A	C	UA6AK	198,263	471	151	C	A
R5ACQ	358,276	601	172	A	C	RA3AN	189,342	499	134	C	A
RA3Y	299,136	530	228	A	C	RU3XW	66,216	248	93	C	A
RA3DNC	199,020	512	155	A	C	RZ3QS	64,512	248	112	C	A
RM2D (SM6LRR, op)						UA3PP	56,144	262	88	C	A
	166,896	503	144	A	C	RV3DBK	13,216	108	59	C	A
R7FF	137,648	431	112	A	C	UA1ASB	3,648	62	24	C	A
RW3LX	136,268	298	163	A	C	RT1A	3,596	60	29	C	A
RV1CC	119,900	374	110	A	C	RA3XEV	3,340	51	20	C	A
R3FC	113,016	357	136	A	C	UA4FEN	2,000	30	25	C	A

UA3RF	1,060,272	1,616	222	C	B	RN3DHB	21,168	160	49	C	B
R3QA	654,255	1,155	217	C	B	RX3MM	20,480	118	64	C	B
RO5O	528,080	962	205	C	B	R3EA	17,918	121	62	C	B
RM3Z	421,447	677	221	C	B	UA4LKU	17,442	120	57	C	B
RU6CS	414,932	804	203	C	B	R7MT	13,706	86	77	C	B
RX3Z	403,010	644	211	C	B	RL3DV	12,027	85	57	C	B
RN6AI	383,670	690	203	C	B	RW4HM	8,880	110	37	C	B
UA3QAM	381,400	699	200	C	B	RU4LM	6,300	70	35	C	B
UA4NBA	359,264	684	206	C	B	RN3DKE	4,032	46	36	C	B
RX6AM	307,692	504	189	C	B	RD3AD	3,808	48	34	C	B
RV3ZN	306,936	586	196	C	B	UA4ANZ	3,744	55	32	C	B
R3VO	293,696	486	208	C	B	RA4FBB	3,672	50	27	C	B
UA3ABJ	269,555	557	169	C	B	UA3UBT	2,793	33	21	C	B
UA3RN	259,780	592	155	C	B	R1AUR	2,574	42	39	C	B
UA3UAT	242,379	427	191	C	B	UA3DCE	2,257	37	37	C	B
UA3AKI	203,112	476	156	C	B	RM7M	1,188	22	18	C	B
RZ3AMW	200,736	520	164	C	B	R3XAA	96	4	4	C	B
UA4HBM	167,382	430	153	C	B	UA5C	2,634,126	2,422	373	C	C
RW1CX	163,180	407	164	C	B	R3ZZ	2,207,148	1,830	386	C	C
RU3XY	162,945	421	153	C	B	R7AW	1,545,500	1,904	281	C	C
RT3D	161,625	453	125	C	B	RA5B	1,153,600	1,472	280	C	C
RW6MBC	158,080	368	160	C	B	UC7A	1,022,688	1,233	288	C	C
RX1AG	152,724	439	132	C	B	RZ3BW	985,815	1,183	285	C	C
R27SBZ	140,985	489	117	C	B	R3ZV	688,480	1,152	208	C	C
RU4CO	131,875	375	125	C	B	UA3QGT	615,710	917	230	C	C
RX3VF	126,720	368	144	C	B	R7AT	555,960	1,020	205	C	C
RD4A	125,426	384	119	C	B	UA6CC	532,180	958	205	C	C
UA3DCW	123,816	544	84	C	B	RV6YB	437,724	918	189	C	C
RM5Z	117,130	293	170	C	B	RA6AN	314,154	617	186	C	C
RW3ZA	114,911	285	151	C	B	R3OM	259,875	575	165	C	C
RM6J	107,569	307	127	C	B	RZ3PX	169,580	490	139	C	C
UA3YFL	102,616	320	127	C	B	RW4NJ	167,656	393	152	C	C
RN3ZR	93,267	267	129	C	B	RK6HG	132,435	429	109	C	C
RU3UW	90,405	347	105	C	B	RW5CW	117,650	333	130	C	C
RA6HSM	87,801	303	111	C	B	RD3AEF	101,775	361	115	C	C
RU3WR	86,670	292	107	C	B	RA4LO	74,340	459	60	C	C
RW4F	84,803	237	137	C	B	RU6M	66,480	186	120	C	C
RM3G	82,728	298	108	C	B	RV3TG	40,508	184	82	C	C
R1AL	76,960	262	104	C	B	RM5O	39,605	169	89	C	C
RW3AI	76,744	284	106	C	B	RA7C	26,152	195	56	C	C
RO3D	70,658	278	103	C	B	RA1TV	21,526	142	47	C	C
UA4CNZ	70,300	305	100	C	B	RW4LC	16,415	155	49	C	C
UA6LCJ	69,540	406	61	C	B	UF4M	10,935	113	45	C	C
RX3XP	60,812	253	92	C	B	UA4LL	10,725	107	39	C	C
RA6FUZ	59,708	198	118	C	B	RZ6AK	2,530	48	23	C	C
UA3LDZ	57,507	237	87	C	B	RA3FH	1,500	23	20	C	C
RV3PN	57,240	183	120	C	B	RV6LN	738	19	18	C	C
UA4CNJ	52,644	220	107	C	B	RQ4N	16	2	2	C	C
UA3T	52,624	174	104	C	B	RG3K (+R5GA, RT3W, RW4CBG, RW3QNZ, RT5K, RL3Q, R3KM)	2,254,880	2,312	340	D	C
UA1CEC	51,057	253	93	C	B	RT3F (RU3DNN, RW5D, R2DA, RV3FW, RK3BX, ops)	2,231,565	2,065	371	D	C
RA3DGH	46,080	194	90	C	B	RM3Q (R3KQ, UA3QPA, RA3OU, RA3QH, RN3QO, RW3QJ, ops)	1,314,574	1,538	307	D	C
RW4FZ	44,874	291	54	C	B	RG5A	1,111,084	1,334	299	D	C
R7GZ	42,432	186	102	C	B	RT3T	674,126	883	262	D	C
RZ3DN	38,500	177	100	C	B	UD3D (RN3DBA, UB3DAY, R3D-88, ops)	390,166	770	203	D	C
R3BB	36,064	288	46	C	B	RU3U	365,765	691	191	D	C
RA4DB	35,310	145	110	C	B	RA6GW	356,934	753	186	D	C
RU6MO	34,336	218	58	C	B	RO7C (R6CC, UU9JH, RW4CLF, ops)	305,498	601	206	D	C
RD3TOK	34,020	220	54	C	B	RK3R (R3RK, UA3RZ, RX3RB, ops)	303,077	647	199	D	C
UA1ATD	33,504	262	48	C	B						
RA3MD	32,300	197	68	C	B						
UA3YLP	31,104	176	72	C	B						
UA3DSN	28,560	156	70	C	B						
RA4ZA	23,856	218	42	C	B						
RN3P	23,798	146	73	C	B						
RN3AAB	23,100	122	66	C	B						
RX3XQ	21,672	121	56	C	B						
RV3QO	21,567	123	91	C	B						

R3RR	186,354	358	189	D	C	YL3GV	15,520	138	40	B	B
RX4YY	179,346	475	142	D	C	YL2CV	426,055	633	245	C	B
RY3D	174,336	490	128	D	C	YL2PJ	391,872	748	208	C	B
RA6YJ	146,076	263	188	D	C	YL2QN	254,702	660	161	C	B
R7AO (+UR4IZ)						YL2EC	128,520	378	153	C	B
	145,440	448	144	D	C	YL2QV	38,346	194	83	C	B
R6DX	141,680	394	140	D	C						
RX3AGD	136,340	358	170	D	C	Lithuania					
UI4I	126,230	397	130	D	C	LY4BF (LY2BBF, op)					
RA3EA	123,360	412	120	D	C		114,114	358	143	A	A
RA7Y	116,421	319	151	D	C	LY7Z	1,258,400	1,804	260	A	B
RN4SC	111,762	341	126	D	C	LY6A	1,254,152	1,691	296	A	B
UA6GF	105,402	617	66	D	C	LY5I	541,952	984	232	A	B
RN4AM	87,885	259	135	D	C	LY4T	52,154	240	89	A	B
RO7T (RA6FNV, op)						LY2N	46,256	230	118	A	B
	86,730	246	105	D	C	LY9Y	734,436	953	276	A	C
RX3DBG	80,182	323	94	D	C	LY2OU	334,818	690	209	A	C
RV6ASU	77,891	243	97	D	C	LY3CY	232,496	585	176	A	C
RK3YYQ (UA3YDN, op)						LY2ND	85,200	264	150	B	B
	73,575	263	135	D	C	LY1DJ	45,368	210	107	B	B
RA3UT	70,965	267	95	D	C	LY5L	14,112	92	72	B	B
R7FO	66,504	236	102	D	C	LY1YZ	2,730	41	30	B	B
RQ3M	65,343	319	69	D	C	LY2BIS	209,160	637	120	B	C
R4RT	53,781	255	91	D	C	LY2AE	178,388	448	161	B	C
RA1CE	45,766	181	98	D	C	LY5R	967,554	1,217	294	C	B
RK3DXW (R2DBA, R2DDK, ops)						LY8ØY	406,224	766	217	C	B
	42,835	261	65	D	C	LY3QA	192,270	582	145	C	B
UB3DAO	40,232	168	107	D	C	LY2DV	92,160	290	128	C	B
RY6Y (RU6YJ, op)						LY4G	9,399	83	39	C	B
	33,088	122	94	D	C	LY5K	432	21	16	C	B
UA3AP	23,296	150	56	D	C	LY2LF	0	0	1	C	B
R6CW	18,865	133	55	D	C	LY2DX	1,366,681	1,717	289	C	C
R2AB	18,564	142	42	D	C	LY2BKT	600,184	1,087	232	C	C
UA4FCO	17,958	126	73	D	C	LY2KA	153,120	350	145	C	C
RA6YDX	16,482	101	82	D	C	LY5T	590,964	1,008	242	D	C
RZ3FQ	13,776	122	41	D	C	LY2FN (+packet)					
RU6DX	13,680	144	38	D	C		274,550	601	170	D	C
UA6FP	9,750	69	50	D	C	LY5W	253,080	606	185	D	C
R7LV	8,127	75	63	D	C	LY2SA (+LY3KP)					
RU7M (RA6LKW, op)							189,888	500	172	D	C
	6,344	68	61	D	C	LY4BP	21,054	206	33	D	C
RU1QY	5,775	91	25	D	C	LY3VP	1,275	33	25	D	C
UA6FF	4,305	55	35	D	C						
R3QF	2,496	38	39	D	C	Moldova					
RK6MY	1,827	41	29	D	C	ER5DX	2,244	42	33	A	B
UA6LFQ	1,484	29	28	D	C	ER2AW	32,336	160	86	B	B
R7GX	930	30	31	D	C	ER1BF	22,932	123	84	B	B
RY7Y	555	21	15	D	C	ER1LZ	178,432	390	164	C	B
RW4NY	272	10	8	D	C	ER3CT	357,204	653	204	D	C
R1AC	261	15	9	D	C	ER3ZZ	37,647	163	89	D	C
RJ3AA	96	8	6	D	C						
Kaliningrad						Ukraine					
RT2F	632,600	1,201	200	A	B	US2IZ	189,658	458	161	A	A
UA2FBQ	6,784	84	53	A	B	UT5DJ	77,875	281	125	A	A
RA2FN	28	7	4	A	B	UT2AB	13,344	115	96	A	A
UI2K	1,016,013	1,419	269	A	C	US1UU	1,215	33	27	A	A
RA2FB	233,988	530	186	A	C	UW5U	874,056	1,306	237	A	B
RN2FQ	49,955	177	103	A	C	UY2IG	768,820	1,135	260	A	B
UA2FL	530,012	1,338	161	C	B	UY7MM	726,645	1,071	251	A	B
UA2FP	99,110	407	106	C	B	UT3SO	332,153	781	193	A	B
Latvia						UT3UZ	311,424	666	192	A	B
YL3AIW	1,469,100	1,940	295	A	B	US8IM	244,288	506	176	A	B
YL3AD	241,362	518	207	A	B	UW8SM	231,800	521	200	A	B
YL2BJ	3,870	52	45	A	B	UY5TE	224,636	544	178	A	B
YL2SM	689,256	1,137	216	A	C	UT2LU	189,431	473	187	A	B
YL3ID	24,909	155	69	B	B	UX2IB	176,673	443	141	A	B
						UX3IT	173,852	393	196	A	B
						UR5WCQ	140,826	338	147	A	B

UR8QR	139,138	357	146	A	B	US5UO	122,074	331	134	B	C
UT0CK	107,088	338	138	A	B	UR5ZLY	27,750	160	75	B	C
UW5IM	98,955	331	135	A	B	UT3N (UT3NK, op)					
UX1VT	83,072	279	128	A	B		125,706	345	146	C	A
US7WW	68,961	265	127	A	B	UX5UU	121,965	357	141	C	A
UR5FCM	66,248	288	98	A	B	US5VX	94,856	414	71	C	A
US1MM	63,140	239	140	A	B	UW7D (UT7DU, op)					
UU2JA	59,800	228	130	A	B		94,142	400	103	C	A
UR8QV	32,763	177	67	A	B	UT3IT	13,850	93	50	C	A
UR7LY	25,772	141	68	A	B	UR3QNV	1,716	36	22	C	A
UU8JW	24,414	133	78	A	B	UW3WU	608	20	16	C	A
UT5ER	6,480	84	54	A	B	UW7M (UR3MP, op)					
UT5UHX	4,356	53	36	A	B		537,370	921	218	C	B
UT5UGR	2,636,010	2,401	390	A	C	UR5VR	454,520	802	220	C	B
UZ0U (UY5ZZ, op)						UT8IT	354,496	550	232	C	B
	775,533	1,273	213	A	C	UT4NY	314,592	668	174	C	B
UT7EZ	300,460	498	166	A	C	UT5UN	290,340	583	180	C	B
UY8IO	296,205	681	155	A	C	UT2IO	290,304	532	216	C	B
UT6EE	245,196	513	196	A	C	UY0CA	267,120	594	168	C	B
UT0RM	198,135	689	111	A	C	US0SY	239,990	449	206	C	B
UT3EK	137,605	345	145	A	C	UY6IM	234,226	541	166	C	B
US3LX	86,106	288	127	A	C	UT8AS	196,640	481	160	C	B
US0QG	15,326	99	97	A	C	UW1WU	172,308	442	173	C	B
UU2JQ	2,709	49	43	A	C	UT8UL	153,468	443	116	C	B
US4IRT	1,400	26	25	A	C	UT5ULX	136,710	302	155	C	B
US5IND	58,750	216	125	B	A	UX1CL	118,902	399	114	C	B
UT1ML	17,235	143	45	B	A	UW2Q (UR6QS, op)					
UR3QOD	3,960	52	33	B	A		117,572	344	119	C	B
UX9Q (UR9QQ, op)						US7ISE	114,784	352	136	C	B
	838,600	1,073	280	B	B	UX1IB	114,427	353	127	C	B
UZ7M (UT9MZ, op)						US7IA	109,296	314	138	C	B
	777,811	915	311	B	B	UT5EPP	105,216	324	137	C	B
UV8M (UX3MR, op)						UX4FC	103,194	354	117	C	B
	767,250	1,004	275	B	B	UT5UIA	100,464	264	156	C	B
UR4U (UR4UDI, op)						US6EX	100,045	295	107	C	B
	555,093	775	267	B	B	UT5PY	97,544	306	137	C	B
UR4MYQ	547,970	998	185	B	B	UR5EPV	93,980	303	148	C	B
UT7Y (US0YW, op)						US3IZ	90,168	355	104	C	B
	380,880	678	207	B	B	UU9JC (UU9JCB, op)					
UT8EL	296,820	598	194	B	B		89,089	273	143	C	B
UT7TT	239,512	518	188	B	B	UR5KJK	87,474	279	122	C	B
US0MS	216,820	448	185	B	B	UX8IW	80,595	263	135	C	B
UT5LO	214,800	452	179	B	B	UR4CU	79,580	274	115	C	B
US0HZ	152,902	383	178	B	B	UX0DL	79,101	275	141	C	B
UT5JCE	122,304	318	156	B	B	US5LO	78,948	294	102	C	B
UT5HX	111,740	305	148	B	B	UT8UD	77,004	285	108	C	B
UR5QW	110,214	294	157	B	B	UX7MA	75,400	206	145	C	B
UY1IP	104,176	298	136	B	B	US3IP	73,200	256	100	C	B
UY5QU	79,734	254	137	B	B	UR7ZO	71,791	253	103	C	B
UT4XU	70,644	231	116	B	B	UX0KR	71,145	219	93	C	B
UR5TEX	57,279	335	61	B	B	UR5KED	67,945	251	107	C	B
UR5RP	53,025	213	101	B	B	US0U	63,440	264	104	C	B
UR7CT	45,430	185	118	B	B	US8IUJ	63,070	257	106	C	B
UX7MB	34,950	186	75	B	B	UR3LM	60,585	273	105	C	B
US5ISV	32,824	149	88	B	B	UR5ITU	54,540	367	60	C	B
UT0UY	23,506	179	46	B	B	UT7MR	41,850	192	75	C	B
UV5EEO	18,040	108	55	B	B	UU5JZ	41,207	197	89	C	B
UT8RR	16,080	110	67	B	B	UT2RI	40,365	325	65	C	B
UT1CZ	14,800	93	80	B	B	UY7IS	39,732	190	86	C	B
UR5WHT	8,235	75	45	B	B	UR9LD	37,269	161	101	C	B
US5RK	5,671	63	53	B	B	UW7CF	36,630	173	90	C	B
UT7IG	4,386	49	34	B	B	UT7XM	34,470	149	90	C	B
UR1YDD	944	25	16	B	B	UX7U (UX7UA, op)					
UR6LGT	828	26	18	B	B		32,273	209	59	C	B
US5D (UT7DX, op)						UR7QM	31,356	148	78	C	B
	1,260,504	1,614	246	B	C	US0TA	30,602	134	107	C	B
UT7CA	163,410	701	78	B	C	UR5KO	29,468	234	53	C	B

UR5LAK	28,842	170	69	C	B	UX5TQ	0	0	0	D	C
UT3WS	28,770	149	70	C	B	Zone 30					
UT2HC	22,933	133	71	C	B	Asiatic Russia					
UT7MD	21,140	116	70	C	B	RA9DZ	863,784	1,124	186	A	B
UT5LA	20,100	120	67	C	B	RU9AZ	276,318	510	153	A	B
UR5MM	17,888	102	52	C	B	R9SG	210,160	438	142	A	B
UR5WIK	17,550	155	54	C	B	RU9WZ	167,796	418	118	A	B
UR5TGK	14,405	93	67	C	B	RV9WA	144,522	378	93	A	B
US5EEK	11,760	80	56	C	B	R8CAA	126,755	353	101	A	B
UU9JR	11,233	71	47	C	B	RW9CD	91,778	264	109	A	B
US3IY	10,019	79	43	C	B	RK9DO	88,944	254	109	A	B
UY2ZZ	9,879	85	37	C	B	UA9SMU	23,276	151	44	A	B
UX5NQ	9,758	135	34	C	B	UA9R	18,531	101	71	A	B
UT7UA	7,683	71	39	C	B	RU9MN	14,703	101	39	A	B
US3ITA	4,704	55	32	C	B	R9RA	10,028	80	46	A	B
UX3IO	4,488	66	68	C	B	RG9A	3,888,378	2,620	351	A	C
UR5CC	2,430	30	27	C	B	UA9MA	1,420,608	1,733	192	A	C
UR5UBR	1,856	34	32	C	B	UA9LAO	926,949	1,255	177	A	C
US5ELM	1,768	38	26	C	B	UA8WAA	79,121	219	127	A	C
US1VM	1,160	42	20	C	B	RV9WP	52,300	177	100	A	C
US3LR	670	15	10	C	B	UA9LT	26,532	198	134	A	C
UU5JS	180	13	12	C	B	R9SA	5,612	58	46	A	C
UTØU (UT5UDX, op)	2,650,641	2,471	339	C	C	RD9SA	399,420	724	126	B	B
UW1M	1,634,265	1,489	345	C	C	RV9CBW	330,733	509	169	B	B
UT1IA	763,415	903	305	C	C	RT9TM	69,552	199	112	B	B
UR7QC	672,306	908	267	C	C	RK9ALD	28,897	125	71	B	B
UV5U (UX1UA, op)	556,016	814	236	C	C	RA9AU	27,666	140	53	B	B
UR8IW	492,822	847	198	C	C	RK9DC	27,324	118	69	B	B
UT1IM	491,060	862	215	C	C	R9SD	24,759	119	63	B	B
UZ8I	427,616	795	224	C	C	UA9SUV	23,214	128	53	B	B
UR5LF	409,480	631	232	C	C	RZ9WB	2,400	46	12	B	B
UX3HA	361,322	778	169	C	C	RA9SK	111,398	274	109	B	C
UT4LW	334,048	690	176	C	C	RN9WA	84,966	245	98	B	C
UT1QQ	201,856	480	166	C	C	RW9TP	44,736	185	64	B	C
UT1AA	96,360	342	110	C	C	RA9AP	1,283,076	1,176	261	C	B
UR5MBA	87,078	283	138	C	C	UD8A	696,756	888	186	C	B
UR8RF	78,016	314	92	C	C	UA9AGX	568,944	830	162	C	B
US1IV	37,908	256	54	C	C	R9AX	395,219	523	209	C	B
UU1JO	34,470	163	90	C	C	UA9WOB	361,530	630	135	C	B
UR5AO	12,285	87	63	C	C	R9RT	334,428	488	186	C	B
UZ2M (RA4LW, URØMC, UR3QCW, UR4LRG, UR5MID, USØLW, UT3MD, UX3MZ, UY5QQ, ops)	4,212,170	3,360	397	D	C	RN9RF	320,595	553	145	C	B
UR7GO	1,210,490	1,462	277	D	C	UA9AFS	294,840	465	168	C	B
UT7E (UR3EZ, UV5EOZ, UR5EFJ, UW5EGC, ops)	289,450	556	175	D	C	UA9QM	263,718	552	117	C	B
UR5E (UR5EDX, op)	263,015	511	205	D	C	RA9CCK	223,380	414	146	C	B
UU2J	246,654	494	193	D	C	RU9CD	112,029	277	107	C	B
UT8IM	220,335	455	185	D	C	RX9CM	105,244	334	83	C	B
UY5ZI	130,720	312	172	D	C	RA9MX	87,163	259	101	C	B
UY2RA	59,808	253	96	D	C	RC9A	84,420	257	84	C	B
UT8L (UY5LQ, op)	38,038	176	77	D	C	RD9DX	55,880	175	88	C	B
UT5ECZ	24,055	125	85	D	C	RA9AC	50,204	174	77	C	B
UT3WX	15,745	159	47	D	C	UF8T	27,646	147	46	C	B
UY5QZ	10,927	83	49	D	C	RA9AFZ	19,040	126	40	C	B
UR5IHQ	8,760	150	30	D	C	UA9CHL	12,800	82	50	C	B
UU4JQE	8,120	76	58	D	C	RX9DJ	6,700	62	50	C	B
UT5ZB	7,548	72	74	D	C	UA9SAW	2,678	48	13	C	B
UU4JIM	1,914	30	29	D	C	RU9AC	2,244,550	1,848	275	C	C
UT7AXA (UR3AAC, UR5AGR, ops)	210	14	15	D	C	R9AE	1,528,800	1,480	245	C	C
						R9DA	1,263,936	1,292	232	C	C
						UA9CTT	652,176	1,164	126	C	C
						RW9QA	490,710	718	165	C	C
						RK9QWM (RW9QU, op)					
							374,393	789	107	C	C
						RN9W	101,844	306	82	C	C
						RO9A	6,625	67	25	C	C
						RY9C (RW9CF, op)					
							921,960	1,296	156	D	C

RD9CX	409,190	698	145	D	C	RA9UGU	18,270	103	58	B	B
RK9CYA (RK9CR, RK9DO, RA9CBO, ops)						RZ9YM	15,318	90	69	B	B
	306,726	571	134	D	C	UB9UBA	11,300	76	50	B	B
RK9DM	295,044	536	138	D	C	UI9I/9 (UA9ZCT, op)					
RX9WN	169,680	408	101	D	C		4,061	43	31	B	B
RF9C (RA9CMO, UA9CIR, ops)						RZ9UI	306,740	543	140	B	C
	100,815	355	235	D	C	UA9UX	260,010	488	135	C	B
R9QQ (+UB8QAA)						RV9YK	135,756	341	108	C	B
	85,796	270	89	D	C	UA9OQM	94,022	253	106	C	B
RL9AA	56,212	259	52	D	C	UA9UPG	87,138	252	103	C	B
RM8W	5,733	57	49	D	C	UA9OA	32,627	149	59	C	B
R9AB	3,180	42	30	D	C	UA9OV	19,195	107	55	C	B
RN9CM	1,218	30	21	D	C	R9UG	5,874	56	33	C	B
European Russia						RA9YUI	714	17	14	C	B
RW4WA	616,050	1,013	222	A	B	UA9OAA	1	1	1	C	B
RK4R	63,840	246	95	A	B	RU9UC	15,886	90	47	C	C
UA4WI	111,672	802	47	A	C	RK9UE	439,208	818	124	D	C
RM4R	49,173	211	111	A	C	Kazakhstan					
R9FR	111,655	317	137	B	B	UN7QF	80,333	299	67	A	C
R4IB	50,499	203	93	B	B	UN7FW	356,589	625	141	C	B
RT27TT	1,658,370	1,783	298	B	C	UN7QCC	52,283	193	77	C	B
RM4HZ	211,958	574	131	B	C	UN8FM	46,656	170	81	C	B
RN4HAB	139,253	407	131	C	A	UN9GD	907,400	1,069	200	C	C
R4WDX	764,211	1,081	241	C	B	UN5J	33,654	132	79	D	C
R4WAA	342,650	710	175	C	B	Zone 32					
RA4WC	253,198	506	187	C	B	Asiatic Russia					
UA9FGJ	155,916	420	142	C	B	UAØW	171,768	377	136	A	B
RX9FB	131,670	434	99	C	B	UAØAKY	72,168	290	62	A	B
R4WT	95,642	374	97	C	B	UAØACG	29,346	140	67	A	B
RT4H	80,678	280	107	C	B	RAØANO	98	8	7	A	B
UA4WJ	69,408	269	96	C	B	UAØYAY	57,147	175	129	A	C
UA4RW	12,760	94	55	C	B	UAØSR	2,214	30	27	B	B
RA/YL2TD	6,528	76	34	C	B	UAØSE	25,772	123	68	B	C
RU4PP	635,208	986	228	C	C	UAØSBQ	2,900	41	20	C	A
RC4HAA (RA4HGN, RU4HY, RD4HD, ops)						RWØAJ	248,900	486	131	C	B
	488,824	850	203	D	C	UAØWW	166,996	464	83	C	B
RK4HYT (RA4HBS, UB4HCG, R4H-39, ops)						RXØSC	16,440	92	60	C	B
	250,728	558	186	D	C	RAØTG	14,040	88	52	C	B
RX4W	51,404	266	71	D	C	UCØA	839,636	1,068	191	C	C
RX4HX	39,000	174	75	D	C	UAØOD	268,925	497	155	C	C
Kazakhstan						RØAA	163,059	367	113	C	C
UN8PT	182,409	435	123	A	B	RKØAB	103,390	341	70	C	C
UPØL (un9lw, op)						RZØSR	79,236	288	71	C	C
	2,974,947	2,417	281	A	C	UAØAYA (RAØAY, RXØAK, ops)					
UN7CN	143,330	339	110	C	B		1,174,600	1,411	200	D	C
UNØC	5,460	51	52	C	B	Mongolia					
UN9LU	85,624	377	56	D	C	JT1BV	40,271	167	77	B	C
Kyrgyzstan						Zone 33					
EX8BN	1,120	24	16	C	B	Asiatic Russia					
Zone 31						RWØUU	74,893	241	91	B	C
Asiatic Russia						RAØUBI	17,861	99	53	B	C
RV9UP	1,311,234	1,340	249	A	B	RØJF	3,255	43	35	C	A
RZ8U	264,375	519	141	A	B	UAØDM	266,968	577	136	C	B
R9IR	50,800	189	80	A	B	RVØCS	155,628	447	108	C	B
UA9OMT	39,064	156	76	A	B	Zone 34					
RW9OW	28,609	135	61	A	B	Asiatic Russia					
RU9I	25,300	128	55	A	B	UAØC	72,459	275	83	A	B
RT9I	16,390	108	55	A	B	RAØCHK	50,400	244	70	A	B
UA9UDR	4,176	46	36	A	B	RMØF	11,914	174	23	A	C
RC9O	774,396	977	196	A	C	RA/KE5JA	8,568	66	36	A	C
RM9U	162,840	377	120	A	C	UAØCMG	28,785	179	57	C	B
RW9OC	5,700	52	30	A	C	RAØLMK	23,236	106	74	C	B
R9UA	140,466	322	123	B	B						
R9YA	124,762	317	106	B	B						

UAØLS	17,936	108	59	C	B
RUØLW	1,660	27	20	C	B
UAØLNA	380	19	20	C	B
UAØIDZ	638,608	994	167	C	C
UAØCA	38,416	238	49	C	C
RWØMM	9,765	91	35	C	C
RUØLL	449,694	815	166	D	C
RAØFF	54,702	293	54	D	C
RWØCR	52,695	291	45	D	C
RWØLT	43,662	248	57	D	C
RXØL (RUØLM, RWØLIV, UBØLFB, RWØLBM, ops)					
	32,994	246	47	D	C
RWØLX	20,216	115	56	D	C
RKØLXF (UCØLAF, UAØLSE, ops)					
	7,104	72	32	D	C

Zone 35

Asiatic Russia

UAØXAK	2,380	33	20	B	B
UAØZAM	127,245	403	85	C	C
UAØZC	2,001	27	23	D	C

Zone 36

Azores

CS8ABA	115,360	274	140	B	B
CU3AC	228,642	406	159	B	C

Canary Islands

EA8CQW	57,886	188	103	A	B
EA8AQV	26,175	121	75	A	B
EA8BMG	629	17	17	A	B
EA8ZS	112	14	8	A	C
EA8MT	1,258,719	1,217	231	B	B
EA8CNR	42,742	145	86	B	B
EA8GP	24,255	115	55	B	B
EA8AZ	2,915	53	55	B	B
EA8/DL3FCG	500,200	872	122	C	B
EA8DA	206,185	371	137	C	B
EA8AVK	192,610	407	110	C	B
EC8AFM	60,204	161	116	C	B
EF8S (OH2BYS, op)					
	3,729,264	2,393	336	C	C
ED8W (EA8DO, op)					
	649,910	1,568	85	D	C
EA8RY	336	16	14	D	C

Madeira Islands

CT3HF	116,446	332	79	D	C
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Zone 37

Balearic Islands

EA6XQ	167,238	424	163	A	C
EA6ALH	880	26	20	B	A
EA6/G2YC	935	25	17	B	B
EA6LP	195,978	341	178	B	C
EA6ZS	50,285	197	89	C	B

Ceuta & Melilla

EA9CD	99,000	262	110	B	A
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Italy

IG9/IT9XTP	17,248	132	28	B	B
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Morocco

CN8KD	935,200	1,164	175	C	B
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Portugal

CT1ETK	178,885	433	95	1	C
CT1EGF	43,605	247	57	A	B
CT2JBD	37,345	151	97	A	B
CT2JBG	47,712	172	112	B	A
CT1ELF	558	19	18	B	A
CT2IOV	73,808	436	56	B	B
CT2KFA	50,008	190	94	B	B
CT4DK	41,410	164	101	B	B
CT1EBM	15,912	99	72	B	B
CT1ENI	2,106	30	27	B	B
CR6K (CT1CJJ, op)					
	180,009	523	113	B	C
CT1DIN	50,511	187	113	B	C
CT1DJE	20,350	105	74	C	B
CS7ABQ	4,416	64	24	C	B
CT1BOL	92,939	419	71	D	C

Spain

EA4DUT	228	15	12	A	A
EA/UA9NP	73,542	238	119	A	B
EA1VT	72,200	250	95	A	B
EA7AZA	72,000	256	120	A	B
EA1AHA	68,328	248	117	A	B
EA2BNU	44,304	176	104	A	B
EB5RR	32,736	142	93	A	B
ED5W (EA5DWS, op)					
	22,648	210	38	A	B
EA4ERJ	6,028	59	44	A	B
EA5DD	561	23	11	A	B
EA1DFP	459	23	17	A	B
EA1DX (EA5XC, op)					
	160	14	8	A	B
EA5MON	144	14	8	A	B
EA1CYH	50	10	5	A	B
EA1XT	210,699	493	123	A	C
EA3GHZ	167,442	641	86	A	C
EA1YO	5,005	65	55	A	C
EA5XA	20	4	5	A	C
EA5AX	61,919	207	143	B	A
EC4AA	3,560	45	40	B	A
EA4CU	2,160	36	30	B	A
EA7HOJ	1,020	30	17	B	A
EA3GLB	370,690	655	190	B	B
EA2LMI	322,588	677	164	B	B
ED7R (EA7IZJ, op)					
	320,352	744	141	B	B
EA7ZC	112,560	272	140	B	B
EA2DT	103,883	305	131	B	B
EA4YC	99,617	277	133	B	B
EA4LU	92,916	332	87	B	B
EB3WH	69,375	215	125	B	B
EA3LD	44,805	181	103	B	B
EA7NL	44,455	203	85	B	B
EA1OT	37,136	166	88	B	B
EA5HDE	35,055	155	95	B	B
EA4GEL	34,086	198	57	B	B
EE1Y (EA1YB, op)					
	33,858	203	54	B	B
EB2ESS	31,417	153	89	B	B
EA5HKA	27,200	136	85	B	B
EA3WX	25,994	133	82	B	B
EA4FJX	21,488	116	68	B	B
EA7HE	20,514	121	78	B	B
EA3HAB	17,325	107	77	B	B
EB1EDT	16,510	106	65	B	B
EA5CZM	15,407	97	71	B	B
EA3TA	14,536	92	79	B	B

A61BK (+A61DJ, A61KM)
1,430,568 1,481 216 D C

Zone 41

India

VU2GUR 799 19 17 A A
VU3NXI 8,646 78 33 A B
VU2JOS 6,437 61 41 A C
VU2NKS 117,924 314 93 B B
VU3INK 6,231 63 31 B B
VU3TMO 1,520 28 20 B B
VU2NFG 611 15 13 B B
VU3LMS 260 12 10 B B
VU2UR 5,712 56 34 C A
VU2RMS 17,290 119 38 C B
VU2MUD 450 15 10 C B

Sri Lanka

4S7JL 34,122 151 66 B B
4S7RS (4S7KG, 4S7VJ, ops)
8 2 2 D C

Zone 43

China

BY9AA (BD9AFM, op)
49,224 180 84 B B
BG9OF 672 20 14 B B
BG8AAK 3 1 1 B B
BD8SZ 528 16 11 C A
BH8BJO 19,646 132 47 C B
BG9HKP 5,075 55 35 C B
BG8GAM 84,151 237 103 D C

Zone 44

China

BH1BOQ 17,702 112 53 A B
BG3ATI 10,388 76 49 A B
BA4WR 9,953 89 37 A B
BA4TB 2,751 49 21 A B
BG6CJR 770 17 14 A B
BY7MJ (BD7LMD, op)
289,940 764 95 A C
BD7MTJ 1,156 22 17 B B
BH4QFI 574 13 14 B B
BA4MY 515,712 963 128 C B
BA7QT 75,348 332 63 C B
BD2RJ 51,324 289 52 C B
BG4NMT 36,380 163 68 C B
BD4CQ 30,880 257 32 C B
BD1IJ 12,012 96 42 C B
BH4SQE 4,016 79 16 C B
BG4HYK 900 22 15 C B
BH1MHI 465 13 15 C B
BH4SUY 36 3 4 C B
BY1CW (BH1BOQ, BH1LHS, BD1GO, BD1OP,
BA1GA, ops)
137,137 451 77 D C
BY3MM (BD3NHK, BD3OE, BD3MH, BH3PZP,
BH3BBB, ops)
120,240 388 90 D C
BH7PFH 106,572 310 107 D C
BG4BQH (+BD4FM, BD4CB, BD4TS, BD4CZ,
BD4DYH)
59,775 245 75 D C
BI7OEZ 25,560 150 60 D C

BY1CQ (BA1IO, BG1AL, BH1MAD, BH1FXN,
DL4SB, ops)
25,542 157 54 D C

BY1RX (BA1AJ, BA1RB, BA1AAX, BD1RX,
BD1TX, BH1DYK, BH1MQC, ops)
23,405 167 31 D C

BY6SX (BA6QR, BD6SN, BD6SM, BG6RUK,
BG6RYB, ops)
16,756 98 59 D C

BA1PK 15,895 95 55 D C
BD7BW 15,198 108 51 D C
BH4TPC 7,308 60 42 D C
BG5JND 6,808 58 37 D C
BA1SN 4,205 51 29 D C
BG5EFD 3,658 40 31 D C
BD4TZ 2,808 37 24 D C
BH4TVU 2,160 30 27 D C
BD4KA 1,452 24 22 D C
BG6JJI 1,104 25 16 D C
BA4SD 624 20 13 D C
BD6JPV 220 10 10 D C
BH4SKP 30 2 3 D C
BH1FCC 0 0 0 D C

Hong Kong

VR2XMC 17,290 139 38 B B
VR2UNG 2,430 40 15 B B
VR2XMT 189,630 577 98 D C

South Korea

DS5TOS 2,540 43 20 B B
HL5JCB 3,375 43 25 C B
HL2/KA8U 24 4 4 C B
HL5UOG 65,884 230 91 C C
6K2DIO 20,210 148 47 C C
DS5DNO 29,460 157 60 D C
DS2CYI 6,696 84 27 D C

Taiwan

BU2AU 252 10 6 D C

Zone 45

Japan

JR3RWB 195,624 410 143 A A
JK1TCV 102,188 252 118 A A
JM2RUV 935 19 17 A A
JR4GPA 376,339 665 137 A B
JM1NKT 358,750 596 175 A B
JI1ALP 97,104 244 119 A B
JR3BOT 89,658 247 102 A B
JH0NEC 64,728 220 93 A B
JI1HFJ 59,706 170 107 A B
JH3CUL 40,716 150 78 A B
JR3AAZ 29,290 118 101 A B
JJ2QXI 25,550 110 73 A B
JH1DGQ 24,319 95 83 A B
JI1RGF 22,304 98 68 A B
JA1XRH 20,945 103 59 A B
7M1MCY 20,664 96 63 A B
JE1REU 19,450 123 50 A B
JA2AXB 19,404 98 66 A B
JA1CRJ 18,179 99 53 A B
JI1SAI 13,970 86 55 A B
JA0NFP 12,740 82 49 A B
JH1FNU 11,891 73 47 A B
JF1GZZ 11,610 86 45 A B
JA0BJY 10,890 72 45 A B
JR7ASO 7,562 53 38 A B

JH4FUF	6,755	61	35	A	B	JA1VWK	132	6	6	B	B
JR4VEV	6,665	57	43	A	B	JS6SRY	110	14	5	B	B
JA1RUR	6,650	65	38	A	B	JF1UOX	96	6	6	B	B
JA1CCX	5,760	56	36	A	B	JA1LBZ	63	5	3	B	B
JE1GZB	5,336	56	29	A	B	JN1DNV	48	6	6	B	B
JA1PCM	4,200	42	28	A	B	JH3GMI	16	2	2	B	B
JK2VOC	3,810	45	30	A	B	JG1VSW	8	2	2	B	B
JH9DRL	3,192	34	28	A	B	JEØGIH	8	2	2	B	B
JF1WNT	2,688	38	24	A	B	JH6FTJ	4	0	1	B	B
JF1TEU	2,322	30	27	A	B	JA4CSJ	30,272	120	86	B	C
JL3RDC	1,968	28	24	A	B	JG7AMD	13,176	82	54	B	C
JG1RRH	1,425	23	19	A	B	JA9CCG	6,882	66	31	B	C
JAØBPY	1,092	26	26	A	B	JG3KMT	4,464	42	31	B	C
JJ1HHJ	969	21	17	A	B	JE6HUR	3,290	40	35	B	C
JE1HTV	962	30	13	A	B	JH2BTM	2,929	33	29	B	C
JF2FIU	924	25	12	A	B	JF2JFP	2,400	32	24	B	C
JH1SUU	780	20	15	A	B	JA3LEZ	1,792	28	16	B	C
JP1LRT	759	21	11	A	B	JA3FRI	1,584	22	22	B	C
JJ1UDD	504	16	14	A	B	JA7ADV	1,560	20	20	B	C
JA1JCN	490	13	14	A	B	JA1UTB	550	18	11	B	C
JK4DUJ	270	13	10	A	B	JA1UOA	4	0	1	B	C
JH8CLC	72	4	6	A	B	JR4DAH	167,508	355	132	C	A
JA8CEA	56	7	8	A	B	JR1NKN	61,659	205	93	C	A
JA1UZG	49	7	7	A	B	JJ1AVY	16,284	86	59	C	A
JR1USU	18	2	3	A	B	JG1EIQ	10,890	78	45	C	A
JH1GBZ (JH5GHM, op)						JA9MAT	9,589	67	43	C	A
	1,040,357	1,295	197	A	C	JAØVTK	2,646	34	21	C	A
JA1YKX (JH4OWG, op)						JR6HMJ	1,380	24	15	C	A
	420,024	648	172	A	C	JQ1NGT	1,232	38	11	C	A
JS1OYN	222,460	469	140	A	C	JA1KPF	504	18	9	C	A
7K1CPT	211,249	395	151	A	C	JA8CXX	483	19	7	C	A
JR2PMT	127,024	278	136	A	C	JO1EEQ	427	21	7	C	A
JA2XLV	105,315	287	105	A	C	JE1ILP	189	9	9	C	A
JE2BOM	86,655	229	109	A	C	JA4GNK	40	4	5	C	A
JO1WKO	82,417	293	73	A	C	JF3ROH	21	3	3	C	A
JA2VHO	71,973	211	99	A	C	JG1BGT	15	3	3	C	A
JA7KY	66,462	160	159	A	C	JA9XAT	3	1	1	C	A
JH1ACA	54,351	173	99	A	C	JK1DTK	1	1	1	C	A
JA2HYD	50,040	172	90	A	C	JA2CUS	246,948	443	156	C	B
JA7DOT	45,588	145	116	A	C	JA6FFK	127,490	291	122	C	B
JA2BNN	24,384	128	48	A	C	JG3WDN	122,015	291	115	C	B
JG1OIY	16,182	89	58	A	C	JA1BJI	76,838	228	103	C	B
JJ1JPJ	2,914	34	31	A	C	JA3JM	76,200	222	100	C	B
JA2MWW	10,472	60	44	B	A	JHØEPI	64,064	196	91	C	B
JR2EKD	1,027	21	13	B	A	JA2KKA	57,065	175	101	C	B
JM1UTT	117,272	288	107	B	B	JH7IXX	51,912	188	84	C	B
JA7BEW	104,076	242	126	B	B	JJ1AQY	44,307	155	81	C	B
JHØJDV	43,800	194	60	B	B	JA6ELV	41,238	152	79	C	B
JR1MEG	30,444	132	59	B	B	JA1AZR	39,664	148	74	C	B
7N2UQC	27,269	123	67	B	B	7N4DNM	38,052	145	84	C	B
JA6CVR	20,032	99	64	B	B	JA2QVP	35,280	140	72	C	B
JG1WCT	19,955	97	65	B	B	JJ6TWQ	29,750	125	70	C	B
JR1QBA	18,513	97	51	B	B	JH7RTQ	28,044	134	57	C	B
JA9TQY	14,410	86	55	B	B	JA2JWH	25,740	121	60	C	B
JA1UXV	10,850	69	50	B	B	7K4VPV	23,718	110	67	C	B
JA1VGV	6,004	46	38	B	B	JR3NDM	22,902	111	66	C	B
JG5UWK	4,588	46	37	B	B	JJ1KZZ	20,336	98	62	C	B
JR3RIY	4,374	48	27	B	B	JH8DBI	20,184	102	58	C	B
JK1BII	3,916	44	22	B	B	JA2GHP	19,800	102	60	C	B
JH5FTY	2,800	38	25	B	B	JA1XUZ	19,140	111	44	C	B
JR1MRG	2,280	30	20	B	B	JA2FXV	18,849	91	61	C	B
JA1LPQ	2,277	27	23	B	B	JA4RQO	18,144	98	56	C	B
JA9DTV	1,598	22	17	B	B	JO1WIZ	17,214	102	57	C	B
JG1GCO	1,260	20	18	B	B	JG2RFJ	16,302	84	57	C	B
JE1CWQ	1,178	22	19	B	B	JFØEBM	16,080	97	48	C	B
JR4LRY	396	14	9	B	B	JE1RRK	15,705	99	45	C	B
JA3PYH	315	13	7	B	B	JP1SRG	14,112	82	49	C	B

JO3PSJ	13,720	84	49	C	B	JG3LGD	836	20	19	C	C
JR2UBS	12,768	78	57	C	B	JA7ZP	230	9	10	C	C
JN1BBO	11,373	73	51	C	B	JA1XGM	130	13	2	C	C
JR2BYJ	11,256	73	56	C	B	JF1SQC	1,100,132	1,126	242	D	C
JH7IMX	11,088	74	44	C	B	JO7KMB	141,404	335	116	D	C
JH4EYD	10,956	75	44	C	B	JM4WUZ	125,748	314	126	D	C
JF3NKA	9,831	83	29	C	B	JF2IWL	83,430	272	103	D	C
JA0IND	9,366	61	42	C	B	JJ5HUD	73,800	210	100	D	C
JG3CQJ	7,964	59	44	C	B	JG3FEA	29,260	120	70	D	C
JF2OHQ	6,954	57	38	C	B	JS1IFK	21,021	105	77	D	C
JA5RB	6,755	59	35	C	B	JA7GYP	15,900	88	53	D	C
JH1KQF	6,422	53	38	C	B	JH1EIG	15,895	91	55	D	C
JA9EJG	5,700	48	38	C	B	JA2FSM	8,342	66	43	D	C
JA1CP	4,551	43	37	C	B	JH1GBO	4,536	42	36	D	C
JH3PTC	4,470	43	30	C	B	JA2XYO	3,468	48	51	D	C
JH1DVG	4,075	45	25	C	B	JA1YPA (JA1PEJ, JE1PMQ, ops)					
JK1FUP	3,775	45	25	C	B		1,778	47	14	D	C
JG1UKW	3,510	40	27	C	B						
JG1SWV	3,069	35	33	C	B	Ogasawara					
JA1IZ	2,958	36	29	C	B	JD1BIA	1,452	37	12	A	B
JE1NVD	2,180	31	20	C	B	Zone 46					
JA1KEV	2,057	33	17	C	B	Senegal					
JE1XAD	1,640	26	20	C	B	6V7S	3,523,531	2,903	253	C	C
JH1LMD	1,504	32	16	C	B	Zone 49					
J11BBN	1,272	25	24	C	B	Laos					
7N4QCQ	1,125	21	15	C	B	XW0YJY (E21EIC, op)					
JA7AXP	756	17	12	C	B		660,231	1,169	143	A	B
J16BEN	555	15	15	C	B	Thailand					
JA1HOM	530	15	10	C	B	E20FWF	4,503	59	19	B	B
JN1JNW	390	11	10	C	B	HS0ZDX	17,850	108	51	B	C
JH1HYC	390	11	10	C	B	HS5NMF	4,940	64	19	B	C
JA2IFW	385	11	11	C	B	HS3LSE	36,992	154	68	C	B
JA5INF	351	11	9	C	B	E29BUQ	23,912	118	61	C	B
JO7BBS	308	12	11	C	B	HS3ANP	22,518	117	54	C	B
JN7KRH	308	14	11	C	B	HS1FVL	8,874	75	34	C	B
JA1LPV	280	10	10	C	B	E20YLM	3,960	40	33	C	B
JR2LBF	231	11	7	C	B	HS0ZIA (HS0ZCW, HS0ZHJ, HS0ZKX, ops)					
JR7HOD	138	7	6	C	B		1,127,346	1,521	186	D	C
JA1XY	55	5	5	C	B	E21YDP	79,300	324	65	D	C
JL2OGZ	1	1	1	C	B	HS5AC (HS1NIV, HS5IGY, E20QVD, E22ZXX, HS1LCI, ops)					
JA7BME	382,030	636	151	C	C		28,672	140	64	D	C
JA7IC	247,296	480	138	C	C	Vietnam					
JJ1NYH	241,668	440	147	C	C	XV9NPS	64,512	418	42	C	B
JA1BBC	161,675	331	145	C	C	Zone 50					
JA9APS	127,680	290	120	C	C	Philippines					
JA1AYO	122,031	281	117	C	C	DV1JM	111,848	390	62	A	B
JN3TMW	117,491	275	121	C	C	DU1EV	2,920	34	20	A	C
JH8GEU	92,720	216	122	C	C	DU7RH	136,318	352	91	B	B
JO4BOW	64,053	191	99	C	C	DV1FM	26,080	146	40	B	B
JG6JAV	59,415	217	85	C	C	DU2BOQ	7,585	61	37	B	B
JO4CTB	57,346	183	106	C	C	DU7HF	5,488	50	28	C	B
JA4OPW	48,633	159	87	C	C	DV1UD	130,076	438	62	C	C
JA1QOW	48,190	168	79	C	C	DX1UST	83,324	258	74	D	C
JO1QZI	46,494	169	82	C	C	DX1PUP (DV1TDT, DV1RFW, DV1RIN, DW1WAK, DW1RFK, DU1VHY, DW1RFJ, DW1VII, DV1RFO, DV1RII, DV1VFU, DW1RIW, DV1SMQ, DV1SUE, ops)					
JA3VOV	35,550	128	79	C	C		30,414	190	37	D	C
JJ0JML	22,828	115	52	C	C	DX1EVM (DU1SFZ, DU1EOV, DU1EMJ, DU1JW, DU1SPB, DU1SPV, DU1TDX, DV1SH, ops)					
JA3DAY	22,265	101	61	C	C		7,805	61	35	D	C
JA2HNP	21,448	107	56	C	C						
JH1ASG	18,753	113	57	C	C						
JA0IOF	13,083	91	49	C	C						
JH1NXU	13,039	77	59	C	C						
JR2AWS	12,960	84	45	C	C						
JL1LNC	8,040	59	40	C	C						
JA9CWJ	5,130	47	38	C	C						
JA7MJ	3,906	62	63	C	C						
JK1LUY	2,300	33	20	C	C						
JA1HMK	2,289	31	21	C	C						

Zone 51**Indonesia**

YG9RGA	2,301	45	13	B	B
YB9WZJ	1,700	27	20	B	B
YB9WAN	13,662	77	54	D	C

Zone 52**Angola**

D3AA	1,157,760	1,518	160	C	B
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Zone 54**Brunei**

V85ZX	243	9	9	B	B
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East Malaysia

9M6XRO	148,369	327	113	A	C
9M6ZAE	41,064	174	59	A	C
9W6ZIM	6,567	123	11	B	B
9M6WST	450	14	9	B	B
9M6/AHØCF	101,260	386	61	B	C
9M6YBG	63,141	333	39	C	C

Indonesia

YB2LSR	123,282	356	81	A	B
YE1NZ	102,258	255	114	A	B
YB1LZ	48,555	157	83	A	B
YB4IR	529,631	1,031	109	A	C
YBØMWM	561,588	802	159	B	B
YB1TJ	127,110	316	95	B	B
YB1JYL	90,792	278	78	B	B
YBØCOX	42,164	146	83	B	B
YC1EGP	37,312	172	53	B	B
YB1UUN	31,407	139	57	B	B
YC1DYY	26,448	137	48	B	B
YB3IZK	25,370	116	59	B	B
YB6DE	23,220	136	43	B	B
YBØMZI	19,049	109	43	B	B
YBØDJ	16,907	119	29	B	B
YCØOST	15,480	98	45	B	B
YC2BYC	12,765	91	37	B	B
YF1AR	10,668	80	42	B	B
YB2ECG	7,755	63	33	B	B
YC1HLT	5,950	53	34	B	B
YC2SBG	3,354	45	26	B	B
YB1BGI	2,064	36	12	B	B
YB2CPO	1,496	28	17	B	B
YC2FNT	1,455	23	15	B	B
YC1NOE	837	23	9	B	B
YBØNFL	241,725	387	165	B	C
YBØNDT	20,412	122	42	B	C
YBØBCU	7,920	58	33	B	C
YD1DDB	70,362	287	54	C	B
YB7XO	67,662	246	63	C	B
YD1NAA	9,899	105	19	C	B
YE3J (YB3HJM, YB3FBZ, YB3PXF, YB3ROO, YB3BX, YB3SZM, YE3AA, YB3OIB, YD3FZ, YC3DXC, ops)	91,834	283	74	D	C
YB1KI	47,710	180	65	D	C
YB3MM	28,613	119	71	D	C
YB1AR	24,381	107	63	D	C
YB5ZY (YC5OO, YB5OBB, ops)	14,433	85	51	D	C

Marine Mobile

F5MYK/MM	192	8	8	C	A
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Singapore

9V1PW	11,470	84	37	A	B
9V1YC (+9V1BH)	1,843,152	1,782	258	D	C

West Malaysia

9M4DXX (9M2CLN, op)	84	6	7	1	C
9M2KRZ	3,894	48	33	B	B
9M4CC (9M2CQC, op)	257,526	657	114	B	C
9M4DX	15,320	105	40	B	C
9M2SM (9M2GET, op)	55,200	256	60	C	A
9M2SD (9M2ZAK, 9W2ZJB, ops)	40,863	215	53	D	C
9M2RDX	5,275	59	25	D	C

Zone 55**Australia**

VK4VI	27,956	116	58	A	C
VK4ATH	22,176	100	56	B	B
VK4SP	21,424	108	52	B	B
VK4DMP	16,608	96	48	B	B
VK4MON	3,354	37	26	B	B
VK4GMH	92,430	247	90	B	C
VK4TJF	63,364	224	62	C	B
VK8AV	43,521	143	89	C	B
VK4TT	7,641	67	27	C	B
VK4GH	7,245	51	45	D	C
VK4XY	1,456	24	14	D	C

Zone 57**Namibia**

V51YJ	448,980	705	140	C	B
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South Africa

ZS5NK	2,781	29	27	B	B
ZS6ELI	288	8	12	B	B
ZS5XT	546	17	14	C	B
ZR9C (ZS6WN, ZR6K, ops)	341,130	578	137	D	C

Zone 58**Australia**

VK6WX	3,534	36	31	A	B
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South Africa

ZS2EC	60	3	4	D	C
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Zone 59**Australia**

VK3TDX	901,740	1,058	190	A	C
VK3IO	99,006	274	87	A	C
VK3AVV	19,257	101	49	B	B
VK7NET	18,800	118	40	B	B
VK3VTH	16,318	100	41	B	B
VK2ELF	5,656	54	28	B	B
VK2KDP	2,976	36	24	B	B
VK2DCR	162	8	9	B	B
VK2CZ	63,066	222	69	B	C
VK3ADW	10,951	70	47	B	C
VK7CW	156,604	378	94	C	B
VK3GDM	145	7	5	C	B
VK2IM	717,267	1,063	141	C	C
VK2GR	132,710	288	115	C	C
VK2PN	127,857	397	69	C	C

VK7AD	2,622	34	19	C	C	YR0HQ	15,002,030	12,081	478	1	C
VK3TZ (+ VK3WWW, VK3TL, VK3PZ, VK3KIS, ops)	-6,200	-50	31	D	C	LR00F	14,968,670	8,273	382	1	C
Zone 60						HG0HQ	14,355,550	11,336	473	1	C
New Zealand						PA6HQ	12,445,286	9,120	433	1	C
ZL1JV	11,466	73	42	B	B	E7HQ	12,318,045	10,275	445	1	C
ZL2MM	5,580	45	36	B	B	LY0HQ	11,832,168	9,594	436	1	C
ZL3DW	1,056	22	16	B	C	LZ7HQ	11,627,916	9,509	444	1	C
ZL3TE (W3SE, op)						OZ1HQ	10,969,758	8,289	414	1	C
	302,940	598	110	C	B	HB9HQ	10,741,159	10,025	403	1	C
ZL2AGY	331,590	682	105	C	C	NU1AW	9,127,010	8,349	394	1	C
ZM1A (ZL3CW, op)						W1AW	8,762,698	8,583	382	1	C
	164,082	437	82	D	C	SX0HQ	8,396,658	9,085	386	1	C
ZL3IO	2,032	33	16	D	C	LN2HQ	7,532,265	6,717	361	1	C
						YL4HQ	7,231,432	6,480	403	1	C
Zone 61						ER7HQ	6,970,340	6,415	380	1	C
Hawaii						8N0HQ	6,077,207	6,679	317	1	C
KH6XL	1,160	24	10	A	B	CX1AA	5,695,976	4,290	286	1	C
WH7W	172,304	422	89	A	C	OH2HQ	5,458,153	5,725	307	1	C
KH6LC (NH6V, op)						EW5HQ	4,727,910	5,247	330	1	C
	1,318,429	1,711	161	B	B	XR3HQ	4,035,060	3,332	261	1	C
WH7Z (W0CN, op)						UN1HQ	3,989,466	3,809	234	1	C
	375,877	1,061	73	B	C	ZW2HQ	3,954,375	3,085	285	1	C
NH6WZ	63,750	273	50	B	C	Z30HQ	3,483,032	4,996	287	1	C
KH7M (KH6ZM, op)						B5HQ	3,398,164	3,536	238	1	C
	76,425	231	75	C	A	ES9A	3,315,786	3,557	318	1	C
KH7Y	80,360	340	49	C	C	SK9HQ	3,174,125	3,229	335	1	C
WH7DX	18,156	92	51	D	C	OP0HQ	2,662,044	3,533	268	1	C
						7T0HQ	1,668,744	2,129	168	1	C
Zone 63						DX0HQ	1,634,685	1,815	195	1	C
French Polynesia						T49C	1,394,109	2,299	191	1	C
FO/K7ST	15,170	96	37	A	B	TC3HQ	1,229,472	1,822	144	1	C
FO5MD	21,552	109	48	A	C	VA3RAC	1,223,017	1,651	233	1	C
Zone 64						ZL6HQ	1,206,478	1,451	182	1	C
Palau						ZF1A (ZF2AH, op)					
T88WJ	11,968	82	34	B	C		902,325	1,703	159	1	C
Administrative Council Stations						BM0HQ	792,582	1,376	167	1	C
YV5AM (+YV5EN, YV5JBI)						YE0HQ	769,239	1,305	127	1	C
	1,165,554	1,628	153	R2	C	4K1HQ	596,484	1,188	162	1	C
YB0AZ	1,026,534	1,211	186	R2	C	XE1LM	593,475	1,537	123	1	C
VC6IARU (VE6SH, VE6TC, VE6KC, VE6CCL, ops)						HK3LR	550,784	941	128	1	C
	244,256	1,210	68	AC	C	ET3AA	366,685	703	113	1	C
JA1CJP	201,260	418	145	R2	C	JU1HQ (JT1DA, op)					
PB2T	142,614	416	139	AC	C		291,118	795	94	1	C
LA2RR	122,808	290	172	AC	C	HB0HQ	281,880	928	162	1	C
9Y4X	47,357	175	71	R2	C	XV0HQ	231,686	497	134	1	C
CE3PG	28,040	161	40	R2	C	SU1SK	69,325	263	59	1	C
LZ1US	180	12	10	R1	C	ZS9HQ	29,040	176	55	1	C
HQ Stations						VK5WIA (VK5CP, op)					
DA0HQ	26,011,224	21,338	538	1	C		16,328	90	52	1	C
TM0HQ	24,434,251	15,665	487	1	C	VR2HK	3,220	54	23	1	C
R3HQ	23,238,744	14,854	519	1	C	HI8RCD (HI8KW, op)					
OL3HQ	21,194,068	15,302	497	1	C		1,755	35	13	1	C
SN0HQ	21,034,804	16,498	511	1	C						
GR2HQ	20,903,985	14,037	485	1	C						
S50HQ	19,662,008	14,061	488	1	C						
9A28HQ	19,542,000	13,796	500	1	C						
IO0H	19,403,338	15,272	491	1	C						
YT0HQ	19,094,520	14,224	492	1	C						
EM5HQ	15,615,063	11,151	471	1	C						

HQ Station Operators

4K1HQ: 4K5D 4J7WMF 4J9NM

9A28HQ: 9A1AA 9A1UN 9A2AJ 9A2BD 9A2EU 9A2KD 9A2NA 9A2NO 9A2NY 9A2R 9A2SW 9A2VJ 9A2VR 9A3AG 9A3DF
9A3IH 9A3K 9A3LG 9A3IQ 9A3MBM 9A3NM 9A3OS 9A3QB 9A3R 9A3TR 9A3XU 9A3XV 9A4QV 9A4WY
9A5ADH 9A5BVT 9A5BWW 9A5CW 9A5LEA 9A5M 9A5MR 9A5X 9A6ARP 9A6XX 9A7DM 9A

B5HQ: BA4ALC, BA7IO

BMØHQ: BM2JCC, BV1EL, BU2AV, BU2AW, BU2BV, BX2ADF, BX2AI, BX2AN, OE2UKL

CX1AA: CX1AZ, CX1BP, CX2ABP, CX2BR, CX2CQ, CX2DK, CX2CC, CX2SC, CX4AD, CX4BW, CX4DV, CX4DX,
CX5CBA, CX5TR, CX6DRA, CX7ACH, CX7AF, CX7CO, CX7TT, CX8BR

DAØHQ: DC8SG, DF2CK, DF2ZP, DF3CB, DF7ZS, DF9IU, DF9ZP, DGØOHC, DGØOKD, DGØOKW, DG1ATN, DG1CMZ,
DG1HWN, DG5AA, DH1DX, DH1NFJ, DH2WW, DH7WW, DJ1YFK, DJ2BQ, DJ2HD, DJ2LS, DJ2QV, DJ6TF,
DJ7TO, DJ9AO, DJ9KM, DK1BT, DK2CX, DK4AA, DK4WA, DK5PD, DK7AH, DK7YY, DK8YY, DK8

DXØHQ: DX1ARM, DX1CI, DX1L, DX1M, DX1MK, DX6PAR, DX7NRD

E7HQ: E75M E73QI E74ZZ E72SIE E72BHC E77FA E72HIM E72TKF E77AH E73R E74Y E73W E73O E79D E74CC
E79SD E74D E74NR E77TK E74WN E77EZ E7ØA E72A E73ST E73WA E77ED E71A E73BB E74AC E75MM
E72MB E75BM E74MM E77R

EM5HQ: UR4IN UR5KDX UR5KED UR5QA UR5UJ UR7MZ US1ITU US2IR US3IZ US4LS UT1IR UT1KY UT2II UT2IJ
UT2IU UT2IV UT2XQ UT3IZ UT3NK UT5KDS UT7QF UT8IO UW2ZM UW5ZM UXØFF UX2IO UX7IA UX7CQ
UYØZG UY1HY UY2IF UY3QW UY5VA UZ5ZV

ER7HQ: ER4LX, ER1BF, ER1CS, ER1FF, ER1JA, ER1LW, ER1MM, ER1OO, ER1SS, ER3AC, ER3AU, ER3CR, ER4DX,
ER4OK, ER4NE, ER5AA

ES9A: ES5TV ES2RR

ET3AA: K4ZW KB3WUU KB3WVV KB3WWY KB3WWJ AB3OX KB3WXC

GR2HQ: GM3WOJ, GM3POI, G4CLA, G4IRN, G3BJ, G3WPH, GØWWW, G7TWC, GØDWV, GØOPB, G4PIQ, GØDVJ,
G6PZ, GIØRTN, G3ZVW, G6MC, G4MEM, G4RCD, GM4YXI, MØKLO, MØVKY, GWØETF, GWØGEI, MW1LCR,
GMØNAI, GJ4CBQ, MJØASP.

HBØHQ: HBØBB, HBØWR, HB9DUR, HB9DVZ, HB9LCW, PA3FGA, PC5A, PD5AX, RV3DH

HB9HQ: HB9CVQ, DJ3CQ, DL1II, OZ1IKY HB3YCN, HB9OMI, HB9OMZ, HB9ONO HB9OCR, HB9CXZ, HB9EDM,
HB9ODK HB9BXE, HB9CRV, HB9FMU HB9CNY, HB9EPZ, HB9FGW, HB9FIV, HB9HVQ, HB9TVR, HB9UVW,
HB9UVU, HB3YAA HB9QA, HB9AJP, HB9BHW, HB9BHY, HB9BJL, HB9BQP, HB9HVG, HB9CBR, HB9CRO,

HGØHQ: HA5GY, HA8VK, HA8ZO, HA1XY, HG1ZE, HA2QW, HA3LI, HA3HZ, HA3JB, HG3FMZ, HAØNAR, HAØHV,
HAØDU, HA7JJS, HA7PL, HA3GO, HA1XU, HA1ZN, HA8DJ, HA8DU, HA8DZ, HA8EK, HA8FM, HA8KW, HA8GY,
HA8UT, HA5MA, HA5BVG, DH7KU, HA3LN, HA2VR, HA6VH, HA6FQ, HA6IAB, HA6IHA, HA6IAM, HA6ZFA,
HA6IAY, HA6QT,

HK3LR: HK3O, HK3TU, HK3JJB, HK3CW

LN2HQ: LA9BM LA6FJA SP2ASJ SP9P DK2AB LA7GNA LA8OM LA7AK LA7VRA LA6XTA LA9VDA

LYØHQ: LY1G, LY7M, LY2MM, LY5O, LY2NI, LY4OO, LY4Q, LY2XW, LY2MV, LY2J, LY2TS, LY2CO, LY4A, LY2RJ, LY8O,
LY2VA, LY2BAW, LY3X, LY4S, LY8X.

LZ7HQ: LZ1CI LZ1CKT LZ1CL LZ1DLZ LZ1FY LZ1GEN LZ1GL LZ1KY LZ1NK LZ1QZ LZ1RAY LZ1UK LZ1VCT LZ1VDR
LZ1VVV LZ1YQ LZ1ZD LZ2SC LZ2WO LZ3NY LZ3RR LZ3TL LZ3UA LZ4UU LZ5QZ LZ5VV

NU1AW: AA3S, KØDQ, K2PLF, K2YWE, K3AJ, K3KU, K3MIM, K3MM, K3RA, K3WI, KD4D, N3AM, N3OC, N3QE, N3RR, N4OC, N8II, N8IVN, ND3D, NE3K, NF8I, NV3V, NY3A, W2CDO, W3IDT, W3KX, W3LPL, W3UR, WA3AER, WR3Z, WX3B

OH2HQ: OH1ZAA, OH2BR, OH2FKX, OH2FPK, OH2FTP, OH2FZH, OH2KW, OH3LB, OH3YL, OH4BW, OH4TOM, OH6EI, OH5TS, OH5WH, OG9X

OL3HQ: OK1HRA, OK1MU, OK2ZAW, OK1CDJ, OK1CW, OK1DF, OK1FIA, OK2CQR, OK1VWK, OK6RA, OK1IC, OK1MY, OK1AWZ, OK1AY, OK1AU, OK1BN, OK1GK, OK1NS, OK1VAO, OK1HMP, OK1FPS, OK1CRM, OK1FCJ, OK1CF, OK5MM, OK2PP, OK2PTZ, OK1FFU, OK1RI, OK1RF, OM6NM, OM2TW, OK1DSZ, OK2ZA, OK2

OPØHQ: ON7ME, ON7AB, ON6AN, ON5MA, ON6YX, ON4ND, ON4ACW

OZ1HQ: OZØHF OZØJ OZØJBM OZ1ADL OZ1BCG OZ1BZJ OZ1ETA OZ1FTU OZ1JTE OZ1JUX OZ1KRF OZ1OM OZ1RH OZ1XJ OZ2BRN OZ2ELA OZ2MA OZ2TF OZ2U OZ3ABE OZ3XO OZ4O OZ4VW OZ5RF OZ5RM OZ6ABA OZ6OM OZ7AHH OZ7AM OZ7MSH OZ8AE OZ8IE OZ8PG YT2T

PA6HQ: PI4CC, PI4COM, PI4RCK, PI4ZI

R3HQ: RW1A, RU1AA, RD1A, R2RA, RN2FA, UA2FB, UA2FF, RL3FT, RA3CO, UA3ASZ, RT3DX, RN3DHM, RU3RQ, RA3ATX, RK4FL, UD4FD.RO4F, RA4FBB, UA4FER, RK4FD, RC5A, RN3AZ, RA6LBS, UF5F, RM2M, RD3FI, UA9PM, RG6G, RT7T, UA6HZ

S5ØHQ: S57M S56P S52X S51CK S51NZ S57Z S51FB S55HH S51ZO S55M S52AW S53F S51Z S52W S5ØK S57A S57DX S51DX S57C S57Q S57NAW S52ZW S53O S57O S5ØE S5ØR S54O

SK9HQ: SM1TDE, SMØSHG, SA3BYC, SM2LIY

SNØHQ: SP6EQZ SP3EPG SP7JQQ SQ8JX SP8BRQ SP4DEU SP7GIQ SP2FAX SP5GRM SP3GEM SP8CUW SP6IXF

SU1SK: SU1SK @SU1SK

SXØHQ: SV1BJW SV1ENG SV1JFT SV1ME SV1RP SV1CIB SV1HQL SV1DPI SV1HKH SV1JCZ SV1JGX SV1AAK SV1JG SV2FWV SV2BFN SV3RF SV3GKU SV3ICK SV3IEG SV8GKE SV7BVM SV7JJZ SY2ALT

T49C: CO2WF CO2CW CO2JD CM2XN CO2MS CO2WL CO6CAC CO6LC CO6EC CO6LP CO8ZZ

TC3HQ: TA3X, TA3CX, TA3TTT, TA3AG

TMØHQ: F1AKK, F1BLQ, F1CXX, F1EZG, F1HAR, F1UVN, F1ADG, F1BHO, F2JD, F4ARU F4CIB, F4DVX, F4DXW, F4AJS, F4EGZ, F4VPX, F5DJL, F5DN, F5HRY, F5NQL F5RAB, F5TRO, F5TTU, F5UTN, F5NQL, F5RAB, F5BSB, F6BGC, F6BPZ, F6EXV F6IFY, F6DWG, F6EMA, F6FVY, F6DZO, F6FRR, F6DZS, F8CRH, F8ATS, F8ARK F8CIL, F8DBF, F8FKJ

UN1HQ: UN7CAD, UN5C, UNØC, UN3M, UN7RL, UP2L, UN7ZZ

VA3RAC: VE3AAQ, VE3FU, VE3KI

VC6IARU: VE6SH, VE6TC, VE6KC, VE6CCL, ops

W1AW: K7SV, K4GM, K4EC, WA4PGM, N2YO, N3UA, KE3X, K4IA, NR4M, N4AF, WØUCE, K4QPL, N4GU, N1LN, NC4S, N4PD, W2YE, K8GU, KØZR, K4UVA, KA4RRU, WØYR, KU1T, K3ZM, N4DJ, K3RV, NN3W, W4NF, W4RM, K5OF, K4RG, NO4N, W7IY, N4RV, K2WK, K4EU, AA4NC, N4YDU

XE1LM: XE1AY, XE1H, XE1FFZ, XE1HG, XE1GXG, XE1FRF, XE1GLL, XE1GZU, XE1FV, XE1FXF, XE2S, XE2X

XR3HQ: CE3VM CE3EEA CE2MT CE3WDH CE4KCA XQ1WD XQ4CW CE3DNP CE1URJ XQ1FM XQ1CR CE1KR XQ1KZ CE1TBN CE1BEQ CE1GWR CE1UMY CE1RPW

YEØHQ: YBØJS, YBØKVN, YBØTSU, YBØECT, YCØBIK, YCØKVM, YCØRAN, YB1CCF, YC1CDV, YD1GCL, AKIAS

YL4HQ: YL1XN YL2CI YL2GD YL2GQG YL2GUV YL2HB YL2II YL2KO YL2PP YL2TB YL2UI YL3CU YL3DQ YL3FT

YRØHQ: YO2AOB YO2BBT YO2DFA YO2LEA YO2LIW YO2LSP YO2MCK YO2MFC YO2RR YO3APJ YO3FRI YO3GOD
YO3GW YO3HOT YO3IMD YO3ND YO3VU YO4ATW YO4DW YO4NA YO4RIU YO4RXX YO5AJR YO5DAE
YO5OCA YO5OCZ YO5PBF YO5PBW YO6BHN YO6CFB YO6FGZ YO6OAF YO6SZ YO6ZS YO7BGA YO7DAA

YTØHQ: YT5Z YU7CM YU1CF YT1MI YU1QW YU5ZM YT1MW YT1HA YU6DX YU9DX YT3PL YT1AA YT3E YT7WM
YT5CT YU1DW YU8A YU1XX YT5T YT1WW YT2RA YU2CZV YU7AV YU7FN Z36W YT6W YU1ZZ YU1JW
YT1CW YT1RW YT8T YU1UN YT1BD YU1KX YU1MM YU7EE YU7SK YT7MFJ YT7EL YT1T YT9T YU1AU
YT7AW YT2F

YV5AM: +YV5EN, YV5JBI

Z3ØHQ: Z33A, Z3ØA, Z35F, Z39Z, Z32M, Z32AJA, Z35G, Z35T, Z35GL, Z33DGM, Tote, Z39A, Z31MM, Z33F, Z36N

ZL6HQ: ZL2BR, ZL2HAM

ZS9HQ: ZS6GRL ZS6C ZS2EC

ZW2HQ: PR7AB, PR7AE, PR7AR, PR7AYE, PR7DZ, PR7HR, PT7MM, PT2BAT, PT2FE, PT2OM, PT7MM, PY7XC,
PT7YV, PY8AZT