

# 2011 ARRL 10 Meter Contest Scores

Scores are listed by DXCC Countries and ARRL/RAC Sections. Within each Country or Section, scores are listed in descending order, Single Operators by power categories, followed by Multioperator. Line scores list call sign, score, QSOs, multipliers, Single or Multi Operator (A = QRP, B = Low Power, C = High Power, D = Multioperator).

## DX

### Africa

#### Uganda

5X1NH 369,528 1,052 89 C B

#### Kenya

5Z4EE 51,336 208 93 A C

#### Mozambique

C91KHN 7,360 81 46 B C

#### Morocco

CN8VO 23,296 187 64 B B

5C5W (CN8KD, op)

375,664 892 106 C B

CN8YR 13,200 78 44 C B

#### Madeira Islands

CT9/DL2TM 17,760 94 48 A A

CT3KN 85,746 257 93 A B

CT3HF 14,792 165 43 A C

CT3FQ 835,536 2,700 156 B C

CT3DZ 275,058 1,240 111 B C

CT3BD (+ Spotting Assistance)

91,640 274 116 D C

#### Cape Verde

D4C (I4UFH, I2VXJ, IK2EGL, IZ4DPV,

ops)

4,351,000 3,962 380 D C

#### Canary Islands

EA8OM 835,176 1,192 204 A B

EA8BQM 326,700 623 150 A B

EA8CQW 77,066 233 113 A B

EA8AQV 25,280 161 79 A B

EA8BUE 392 15 14 B A

EA8MT 610,450 2,114 145 B B

EC8CQ 99,540 558 90 B B

EA8/RW3DO 83,160 404 105 B B

EF8F (EA8CER, op)

58,560 377 80 B C

EA8CN 618,552 1,090 142 C B

EA8DA 188,256 451 106 C B

EA8AVK 167,772 455 93 C B

EA8NQ 33,060 146 57 C B

EF8R (EA8AH & EA8CAC, ops)

3,565,078 3,646 347 D C

#### Ceuta & Melilla

EA9IE 604,810 1,966 155 B C

#### Djibouti

J28RO (F5IRO, op)

9,112 68 34 C B

#### Namibia

V51YJ 361,128 745 123 C B

V5/DJ4SO 299,172 708 107 C B

### South Africa

ZS2NF 73,656 225 99 A B

ZS6GRL 22,594 150 79 B B

ZS6AKU 12,032 96 64 B B

ZS6ELI 4,368 57 39 B B

ZS5NK 10,450 97 55 B C

ZS1JY 12,848 73 44 C B

ZS6A 144,352 359 104 C C

### Asia

#### Vietnam

XV4Y 2,254 50 23 B B

XV1X (+ Spotting Assistance)

314,358 774 121 D C

#### Azerbaijan

4K9W 102,144 403 64 C B

#### Sri Lanka

4S7KM 39,480 215 47 C B

#### Israel

4Z5MV 6,300 71 45 B B

4Z5FL 2,576 57 23 B B

4X0A (4X1VF, op)

71,744 472 76 B C

4Z5QQ 102,200 369 70 C B

4X1WQ (+ Spotting Assistance)

22,344 134 42 D C

4Z5MU (+ UT7DK)

1,092,180 1,503 218 E B

4Z5TK (+ Spotting Assistance)

10,824 67 41 E B

4X6HP (+ Spotting Assistance)

8,760 73 30 E B

#### Cyprus

C4Z (5B4AIZ, op)

826,084 1,342 181 A B

5B/RN3QO 396,180 1,080 93 C B

5B4AFM (+ Spotting Assistance)

88,164 561 79 D C

#### Kuwait

9K2/SP4R 137,740 497 71 C B

#### West Malaysia

9M2TO 266,152 750 103 A C

9W2WWW 5,394 89 31 B B

9W2VVH 3,036 69 22 B B

9W2CEH 100 10 5 B B

9M2ESM 13,776 175 41 B C

9M2SM (9M2GET, op)

6,720 87 20 C A

9M2/JE1SCJ 62,784 331 48 C B

#### Singapore

9V1YC 184,200 619 75 C C

#### United Arab Emirates

A61BK 277,016 1,127 124 B C

A65EE 100,504 741 68 B C

A61M 1,748 26 19 C B

A65BD 419,328 1,016 104 C C

#### Qatar

A71EM 367,460 1,001 95 C C

#### Taiwan

BV1EL 42,212 335 61 A B

BX2ABT 5,698 72 37 A B

BV4VQ 450 23 9 A B

BU2AW 174,060 545 90 A C

BX5AA 312,394 1,441 109 B C

BM100 (BU2AW, op)

17,052 207 21 C C

BV100ROC (BM2JCC + Spotting

Assistance)

95,630 668 73 D C

#### China

BD4WM 10,730 78 37 A A

BD7NWF 223,098 695 103 A B

BH4RRG 43,030 212 65 A B

BA1SN 40,888 179 76 A B

BD2SHV 31,080 145 70 A B

BA7NO 445,550 1,214 133 A C

BA7IO 24,024 277 44 A C

BD4AAS 9,240 106 44 B A

BD4HY 440 22 10 B A

BH4SCF 16,016 186 44 B B

BD4CD 10,600 100 53 B B

BD5HSV 4,582 84 29 B B

BD4TZ 2,024 47 22 B B

BD2UYU 1,980 55 18 B B

BH4QFI 1,764 47 21 B B

BH4SGR 1,462 47 17 B B

BA4WR 810 28 15 B B

BH4SRC 600 21 15 B B

BD7OZG 416 16 13 B B

BD1LEN 340 18 10 B B

BH4SUY 80 10 4 B B

BH1IJ 60 7 5 B B

B7P 624,660 2,162 145 B C

BH8ADT 12,408 96 33 C A

BD6OT 7,400 75 25 C A

BA4WW 1,320 22 15 C A

BH4RQU 142,256 528 68 C B

BH1ERB 11,368 103 29 C B

BG4NMT 8,532 80 27 C B

BA4SI 275,616 801 88 C C

BA1AI 141,036 515 69 C C

BA5HAM (+ Spotting Assistance)

177,410 474 113 D C

BD4FM (+ Spotting Assistance)

85,536 300 72 D C

BD7PAZ (+ Spotting Assistance)

69,418 583 61 D C

BD4TS (+ Spotting Assistance)

5,644 84 34 D C

BH4SYG (+ Spotting Assistance)	1,044	29	18	D	C	HZ1DG	748	22	17	B	B	JA2MWW	7,920	100	40	B	A
BD6NN (+ Spotting Assistance)	806	34	13	D	C	7Z1HL	49,140	193	65	C	B	JR2EKD	6,474	84	39	B	A
BD4UJ (+ Spotting Assistance)	684	21	9	E	A	<b>Japan</b>						JA7HYS	390	15	13	B	A
BD7LMD (+ Spotting Assistance)	278,432	896	113	E	B	JM2RUV	61,200	222	85	A	A	JQ2EAN	2	1	1	B	A
BG5OP (+ Spotting Assistance)	33,456	169	51	E	B	7K1CPT	12,464	88	38	A	A	JH7RTQ	104,346	569	93	B	B
BD6JPV (+ Spotting Assistance)	15,296	244	32	E	B	JA6WFM	562,536	1,010	156	A	B	JA7BEW	97,440	564	87	B	B
BD2BT (+ Spotting Assistance)	14,720	93	40	E	B	JG1AVO	454,272	973	156	A	B	JH0JDV	58,950	402	75	B	B
BA4SD (+ Spotting Assistance)	14,220	94	45	E	B	JR0EQQ	272,056	611	124	A	B	JL3VUL	43,560	330	66	B	B
BH4SHG (+ Spotting Assistance)	13,616	154	46	E	B	JH6WHN	214,232	544	122	A	B	JA1GLE	29,480	220	67	B	B
BD6AHU (+ Spotting Assistance)	12,246	159	39	E	B	JA6DIJ	137,550	318	131	A	B	JA9TQY	26,474	220	61	B	B
BH4SKP (+ Spotting Assistance)	1,364	33	22	E	B	JA2AXB	105,444	394	101	A	B	7N2UQC	25,308	224	57	B	B
BG4QNE (+ Spotting Assistance)	336	17	14	E	B	JA0BJY	97,010	287	89	A	B	JH6FTJ	11,040	115	48	B	B
BA6IV (+ Spotting Assistance)	256	8	8	E	B	JF3VAX	96,030	293	99	A	B	JA8CSY	9,568	105	46	B	B
BD4QA (+ Spotting Assistance)	120	7	6	E	B	JJ2MWH	71,890	240	91	A	B	JA6GMC	7,440	95	40	B	B
BD6JIN (+ Spotting Assistance)	24	6	4	E	B	JE4MHL	65,704	214	86	A	B	JR2PAU	5,762	67	43	B	B
<b>Armenia</b>						JP1IXV	61,074	207	81	A	B	JF4CAD	5,616	84	36	B	B
EK6LP	27,392	231	32	C	B	JR1BTG	54,918	203	81	A	B	JR2AAN	5,208	85	31	B	B
<b>Kyrgyzstan</b>						JE3UHV	49,010	198	65	A	B	JG5UWK	4,970	73	35	B	B
EX8BN	3,072	49	16	C	A	JS1OYN	41,788	176	62	A	B	JA1VGV	3,904	61	32	B	B
EX2X	218,880	858	64	C	B	JE7HYK	41,344	167	68	A	B	JG1LPL	3,654	65	29	B	B
EX2A	94,000	505	47	C	B	JF1KWG	38,874	183	57	A	B	JA3KDJ	3,450	69	25	B	B
<b>Tajikistan</b>						JA1AZR	26,892	138	54	A	B	JE9MBV	3,180	56	30	B	B
EY8AR	32,012	305	53	B	B	JA9JFO	23,936	126	68	A	B	JA1CG	2,414	73	17	B	B
<b>South Korea</b>						JA1MZM	23,920	141	52	A	B	JF2CTY	2,080	52	20	B	B
HL1VAU	293,846	635	139	A	B	JH2MYN	21,546	106	57	A	B	JF1DWJ	1,920	41	24	B	B
HL5YI	33,960	159	60	A	C	JL1MWI	17,112	183	46	A	B	JJ8BUR	1,610	36	23	B	B
HL1IWD	14,440	97	38	A	C	JA1KEV	16,300	107	50	A	B	JJ1HHJ	1,368	38	18	B	B
HL3AMO	9,880	74	38	A	C	JA6FFK	13,776	85	41	A	B	JA7ADV	1,332	37	18	B	B
DS5TOS	9,694	132	37	B	B	JA2GHP	12,880	84	46	A	B	JA3PYH	1,292	38	19	B	B
HL9VOA	3,328	33	26	C	B	JE2DOD	10,578	65	43	A	B	JG1GCO	952	28	17	B	B
HL5UOG	34,000	170	50	C	C	JR4VEV	8,514	99	43	A	B	JN1DND	784	29	14	B	B
HL2WP (+ Spotting Assistance)	5,664	59	24	D	C	JL3WSL	6,460	56	34	A	B	JA1SCE	696	29	12	B	B
<b>Thailand</b>						JL3RDC	6,076	61	31	A	B	JA1LPQ	320	16	10	B	B
HS8JYX	6,864	80	24	A	B	JJ4JGD	5,832	47	36	A	B	JF9OFC	286	13	11	B	B
E27EK	1,656	28	18	A	C	JK2VOC	4,950	58	25	A	B	JA1LBZ	208	13	8	B	B
HS0ZDG (K4YT, op)	199,188	1,034	99	B	C	JA2PFO	3,956	45	23	A	B	JH3GMI	96	8	6	B	B
HS0ZCW	183,040	1,046	88	B	C	JG3LDD	3,150	34	25	A	B	JQ3AJD	56	7	4	B	B
HS0ZDR	140	7	5	C	B	JA4CSJ	2,784	50	29	A	B	JR1MRG	40	5	4	B	B
HS0ZEE	25,536	138	48	C	C	JA3PYC	2,432	36	19	A	B	JH1CVJ	32	4	4	B	B
E21EIC (+ Spotting Assistance)	286,936	813	89	E	B	JQ2OUL	2,112	33	22	A	B	JG1WKM	2	1	1	B	B
E2E (HS0ZJU + Spotting Assistance)	186,368	1,032	91	E	B	JA9DTV	1,008	28	18	A	B	JA7OWD	333,248	1,329	127	B	C
<b>Saudi Arabia</b>						JG2CNS	560	14	14	A	B	JA2PAC	175,770	846	105	B	C
7Z1SJ	564,596	907	191	A	B	JJ3OGI	560	14	10	A	B	JA1BPA	41,344	308	68	B	C
HZ1BW	157,776	711	114	B	B	JE1GZB	550	19	11	A	B	JA3LEZ	34,680	255	68	B	C
						JA9XAT	494	14	13	A	B	JA9CCG	20,520	183	57	B	C
						JJ1LAI	418	11	11	A	B	JH1ASG	14,608	168	44	B	C
						JJ2IXA	270	15	9	A	B	JG7AMD	8,970	116	39	B	C
						JA3NOJ	168	8	7	A	B	JG8TDZ	8,400	107	40	B	C
						JS6RGY	757,080	1,427	135	A	C	JA3FRI	3,294	61	27	B	C
						JR1AIB (JH5GHM, op)	725,088	1,312	182	A	C	JA1IZZ	2,400	48	25	B	C
						JG1RSL (VO1AU, op)	516,426	1,042	183	A	C	JH7KTI	2,280	38	30	B	C
						JO1WKO	344,100	635	150	A	C	JN3MUC	2,214	43	27	B	C
						JR2PMT	124,032	414	114	A	C	JE1HXZ	48	6	4	B	C
						JA8DIV	103,464	277	108	A	C	JA1YNE (JR1NKN, op)	170,016	465	92	C	A
						JE1REU	91,130	357	65	A	C	JH3DMQ	38,076	170	57	C	A
						JH8CXW	46,360	180	76	A	C	JH8FAJ	38,060	174	55	C	A
						JA1IKA	39,220	183	74	A	C	JA7GAX	29,808	145	54	C	A
						JA2VHO	33,580	177	73	A	C	JN1MSO	19,152	126	38	C	A
						JA1WWO	25,116	99	78	A	C	JA0VTK	5,760	60	24	C	A
						JO4CTB	16,008	85	58	A	C	JG1BGT	2,128	33	19	C	A
						JF2FIU	14,758	145	47	A	C	JR1USU	952	21	14	C	A
						JH1OLB	2,160	39	15	A	C	JE1ILP	660	15	11	C	A
						JF9KVT	714	21	17	A	C	JH4CES	640	16	10	C	A
						JJ1DSU	120	9	4	A	C	JR0QUR	384	12	8	C	A
						JR6HMJ	21,616	198	56	B	A	JA1POS	320	10	8	C	A
												JL3OXR	288	10	8	C	A

JO1EEQ	36	4	3	C	A	JA1HG	3,520	40	22	C	B	JH2FXK (+ Spotting Assistance)					
JM1KLO	24	3	2	C	A	JG1SWV	3,500	35	25	C	B		33,428	139	61	D	C
JA7IC	385,840	925	106	C	B	JA3DAU	3,500	38	25	C	B	JP1EWY (+ Spotting Assistance)					
JA2KVB	239,520	503	120	C	B	JA1DDZ	3,500	35	25	C	B		24,544	119	52	D	C
J13BFC	238,272	588	102	C	B	7N4QCCQ	3,080	35	22	C	B	JA1QGT (+ Spotting Assistance)					
JA1XMS	231,264	590	99	C	B	JA7AXP	2,560	32	20	C	B		7,360	67	46	D	C
JA1BJI	210,560	568	94	C	B	JA1LJW	2,552	30	22	C	B	J1ØVWL (+ Spotting Assistance)					
JM1LRQ	207,904	591	89	C	B	JK3GWT	2,520	44	15	C	B		4,312	48	28	D	C
JA3IKG	192,360	463	105	C	B	J11HFJ	2,508	34	19	C	B	JO4CFV (+ Spotting Assistance)					
7K4QOK	183,612	433	107	C	B	JA9EJG	1,728	27	16	C	B		2,842	41	29	D	C
JA2CUS	181,196	469	97	C	B	JR1FVW	1,040	20	13	C	B	JAØFVU (+ Spotting Assistance)					
JF3NKA	147,532	487	77	C	B	JA7ARW	704	17	11	C	B		80	6	5	D	C
JR4GPA	139,040	444	79	C	B	JA1AVI	600	18	15	C	B	JA1KEB (+ Spotting Assistance)					
JH1XUZ	135,248	433	79	C	B	JN1BBO	400	10	10	C	B		7,448	70	28	E	A
JF3IYW	111,804	365	77	C	B	JA7SSP	280	15	5	C	B	JA7YCQ (JH7IMX, J17GBI, JP7DWF + ops)					
JR3BOT	110,224	335	83	C	B	JJ2RON	216	9	6	C	B		305,748	670	149	E	B
JL3MCM	101,616	296	87	C	B	JF1SQC	870,756	1,475	149	C	C	JM1NKT (+ Spotting Assistance)					
JA1CP	83,768	291	74	C	B	JG1ILF	764,920	1,499	130	C	C		119,840	330	112	E	B
JA2IU	68,256	237	72	C	B	JE1CKA	659,964	1,288	129	C	C	JA1XRH (+ Spotting Assistance)					
JJ1NYH	64,192	237	68	C	B	JA5FBZ	638,448	1,145	141	C	C		105,216	279	96	E	B
JG5DHX	59,640	211	71	C	B	JN4MMO	476,784	960	126	C	C	JA1JQY (+ Spotting Assistance)					
JH1FNU	53,300	211	65	C	B	JA9CWJ	325,452	735	111	C	C		84,064	291	74	E	B
JR6AWQ	40,480	186	55	C	B	JH1FSF	269,120	589	116	C	C	JG3FEA (+ Spotting Assistance)					
JA3JM	38,752	179	56	C	B	JHØINP	154,212	552	71	C	C		71,604	228	81	E	B
7K4VPV	37,180	171	55	C	B	JA1HP	129,688	379	86	C	C	JA2VZL (+ Spotting Assistance)					
JA3AVO	36,816	159	59	C	B	JA7AKH	129,360	429	77	C	C		43,152	176	62	E	B
JE1NVD	35,568	158	57	C	B	JL1SAM	45,472	197	58	C	C	JR3SZZ (+ Spotting Assistance)					
JG3CQJ	34,540	166	55	C	B	JO1QZI	44,640	186	60	C	C		34,452	150	66	E	B
JJ1LRD	29,800	153	50	C	B	JAØIOF	25,756	140	47	C	C	JA1IST (+ Spotting Assistance)					
JA1CPZ	29,160	145	54	C	B	JH1NXU	25,500	125	51	C	C		23,856	113	56	E	B
JH3BYX	28,888	163	46	C	B	JH1OVY	7,920	60	33	C	C	JA7ZP (+ Spotting Assistance)					
JH3WKE	27,984	141	53	C	B	JL1LNC	6,960	64	29	C	C		11,424	76	48	E	B
JA3GW	27,636	144	49	C	B	JE4KQH	6,840	47	38	C	C	JQ1YWK (JA1MFL & JS1LQI, ops)					
JG1EIQ	24,696	126	49	C	B	JA1HMK	5,096	51	26	C	C		8,160	62	34	E	B
JF2OHQ	21,672	127	43	C	B	J11HNC	3,564	37	27	C	C	JR7MAZ (+ Spotting Assistance)					
JP1GVC	21,528	118	46	C	B	J15NWQ	2,976	31	24	C	C		7,208	55	34	E	B
JA1BFN	20,808	106	51	C	B	JA7MJ	2,772	33	21	C	C	JJ5HUD (+ Spotting Assistance)					
JR2FJC	18,648	119	42	C	B	JA1PTJ	1,080	18	15	C	C		4,872	52	28	E	B
JA1CTZ	15,504	102	38	C	B	JA1BYY	748	18	11	C	C	JO1WIZ (+ Spotting Assistance)					
JF1DIR	15,416	99	41	C	B	JH3PRR	120	6	5	C	C		2,304	36	16	E	B
JA2QVP	15,132	100	39	C	B	JA6WIF (+ JA6WJL)											
JN1GLB	14,592	98	38	C	B		964,656	1,508	232	D	C	<b>Ogasawara</b>					
7K1EQG	14,560	108	35	C	B	JS3CTQ (+ Spotting Assistance)						JD1BIA	1,008	29	18	A	B
JA2KKA	14,448	86	43	C	B		791,040	1,230	206	D	C	<b>Mongolia</b>					
JA2HYD	13,720	101	35	C	B	JH4UTP (+ Spotting Assistance)						JT5DX (JT1CO, op)					
JA2MOG	12,400	100	31	C	B		783,372	1,325	194	D	C		1,016,024	1,704	178	A	C
JO3PSJ	10,912	92	31	C	B	JE1ZWT (JA1MML, JE1EKT, JF1VVR, JG1VGX, J11ALP, ops)						JT1BV	62,068	527	59	B	C
JF1VNR	10,880	82	34	C	B		696,460	1,195	194	D	C	JT1RF (+ Spotting Assistance)					
JA3RAZ	9,880	72	38	C	B	JA1YPA (JA1PEJ, JE1PMQ, JG4KEZ, JR8VSE, JA1CTB, ops)							302,802	763	109	D	C
JM1KNI	9,480	85	30	C	B		609,390	949	185	D	C	<b>Turkey</b>					
JF7GDF	8,976	72	33	C	B	JH5RXS (+ Spotting Assistance)						TA1DK	29,744	291	52	B	B
JK1NSR	8,680	65	35	C	B		429,440	893	122	D	C	TA7AO	1,760	44	20	B	B
JG1FKT	7,440	64	30	C	B	JA6BZI (+ Spotting Assistance)						TA3HM	62,968	469	68	B	C
JA3DAY	7,236	67	27	C	B		388,188	800	123	D	C	TA1CQ	29,400	297	50	B	C
JH8DBJ	7,168	64	28	C	B	JF7PHE (+ Spotting Assistance)						TA1BM	3,168	50	33	B	C
JR2TMB	6,804	66	27	C	B		206,600	548	100	D	C	YM3KB (TA3DJ, op)					
7M1MCY	6,732	55	33	C	B	JF2OZH (+ Spotting Assistance)							3,864	48	21	C	B
JG1RZH	6,572	53	31	C	B		80,608	252	88	D	C	YM7KA (TA7OM, TA7K, TA7N, ops)					
JA4AQR	6,440	74	23	C	B	JN3SAC (+ Spotting Assistance)							9,180	136	34	D	C
JE8KKX	6,272	56	28	C	B		63,640	215	74	D	C	TA1DX (+ Spotting Assistance)					
JF2AIJ	5,504	47	32	C	B	JF9JTS (+ Spotting Assistance)							120	6	5	D	C
JA1DXW	4,992	50	26	C	B		54,984	279	58	D	C	TA3X (+ Spotting Assistance)					
JE1JAC	4,900	49	25	C	B	JM4WUZ (+ Spotting Assistance)							26,900	151	50	E	B
JA5INF	4,888	49	26	C	B		42,624	200	72	D	C	<b>Asiatic Russia</b>					
JK1LUY	4,400	50	22	C	B							RAØAY	37,288	181	59	A	A
JHØEPI	4,128	44	24	C	B												
JL7FBV/1	3,872	44	22	C	B												

R9DX	22,260	147	42	A	A	RW0UM	51,744	267	49	C	B	UA0CA (+ Spotting Assistance)	17,836	95	49	D	C
RV9UP	426,660	1,025	130	A	B	UA9OA	43,648	249	44	C	B	RT0Q (+ Spotting Assistance)	14,212	122	34	D	C
UA0CNX	244,644	615	111	A	B	R9UT	41,648	283	38	C	B	RA0AM (+ Spotting Assistance)	10,368	95	32	D	C
UA9AL	179,400	520	115	A	B	RA9AN	41,256	193	54	C	B	RD9FM (+ Spotting Assistance)	7,808	65	32	D	C
RA9MX	161,356	485	107	A	B	RN9RF	36,000	181	50	C	B	RN9CM (+ Spotting Assistance)	8	2	2	D	C
R9UG	102,296	362	76	A	B	RF8R (RW9RW, op)	25,728	140	48	C	B	RK0AB (+ Spotting Assistance)	55,488	275	51	E	A
UA9OW	100,536	258	118	A	B	UA9OQM	25,488	109	59	C	B	RM9RZ (+ Spotting Assistance)	321,832	830	98	E	B
R9QQ	79,540	329	82	A	B	R8US	23,460	116	51	C	B	RA9AP (+ Spotting Assistance)	261,464	670	98	E	B
RZ9YB	78,012	367	66	A	B	RD0CD	23,452	152	41	C	B	RA9DZ (+ Spotting Assistance)	197,810	419	151	E	B
UA0QBR	50,728	212	68	A	B	UA9FGJ	19,360	111	44	C	B	UF8T (+ Spotting Assistance)	168,000	527	80	E	B
RZ9YF	40,016	154	82	A	B	RA9U	15,504	106	38	C	B	RU9AZ (+ Spotting Assistance)	149,408	383	112	E	B
RA0SMS	37,584	195	58	A	B	UA0APV	9,856	80	32	C	B	RK9UE (+ Spotting Assistance)	126,900	427	75	E	B
UA9UX	36,660	198	47	A	B	UA0CMG	6,336	66	24	C	B	UA9AGX (+ Spotting Assistance)	90,552	196	147	E	B
RN9DO	27,816	146	57	A	B	UA9QFF	760	20	10	C	B	R8XF (+ Spotting Assistance)	86,708	414	53	E	B
RN8W	23,072	106	56	A	B	R0DX (UA0DC, op)	412,216	872	119	C	C	UA0WY (+ Spotting Assistance)	79,016	585	68	E	B
R9RA	17,346	119	59	A	B	RU9WZ	310,392	980	81	C	C	UA9UDX (+ Spotting Assistance)	78,386	494	77	E	B
UA8WAA	16,660	124	34	A	B	UA0IDZ	298,816	820	92	C	C	R9MC (+ Spotting Assistance)	67,548	239	78	E	B
RV9CQ	12,510	90	45	A	B	RZ0SR	193,752	627	78	C	C	UA0IT (+ Spotting Assistance)	20,160	158	45	E	B
UA9AX	11,448	79	54	A	B	RA9UN	178,224	570	79	C	C	RA0ANO (+ Spotting Assistance)	690	19	15	E	B
RQ9I	9,856	116	28	A	B	UA0SDX	135,720	439	78	C	C	UA9LAO (+ Spotting Assistance)	480	15	8	E	B
UA0CW	48	4	4	A	B	R9YP	115,876	494	59	C	C	R9MJ (+ Spotting Assistance)	352	16	11	E	B
RT9T	724,160	1,372	160	A	C	UA0ZAM	102,960	390	66	C	C	<b>Kazakhstan</b>					
RG9A	681,910	1,178	185	A	C	R0AA	62,720	395	40	C	C	UN6P	447,580	886	161	A	B
UB0A	662,572	1,460	142	A	C	UA9OG	46,784	276	43	C	C	UN8PT	221,970	631	105	A	B
UA9MA	600,040	1,341	140	A	C	UI9I (R9IR, op)	10,332	64	41	C	C	UN6G	46,428	209	73	A	B
UA0SR	308,560	990	116	A	C	RW0CN	5,168	68	19	C	C	UP20CAD	15,368	115	34	A	B
RK8I	305,020	926	101	A	C	RU0FM (+ RA0FU & RC0F)	983,876	1,703	223	D	C	UN5C	24,840	141	45	A	C
RL9I	257,400	715	110	A	C	UA9CDV (+ Spotting Assistance)	886,894	1,384	197	D	C	UN6QC	17,336	201	44	B	B
RN0SA	158,400	568	90	A	C	RL9AA (+ Spotting Assistance)	783,692	1,338	182	D	C	UP2L (UN9LG, op)	251,560	1,328	95	B	C
RA/KE5JA	155,608	464	106	A	C	RT9J (+ ops)	414,128	931	143	D	C	UN7PCZ	3,872	48	22	C	A
RZ9AN	17,632	121	38	A	C	RM8W (+ Spotting Assistance)	391,608	887	111	D	C	UN7CN	75,600	318	60	C	B
UA0FGN	13,736	102	34	A	C	R9SA (+ Spotting Assistance)	333,152	723	116	D	C	UN6LN	50,508	210	61	C	B
R9UAG	46,764	436	54	B	B	RU0LL (+ Spotting Assistance)	230,400	609	96	D	C	UN7ZZ	15,540	109	37	C	B
R9FR	28,182	234	61	B	B	UA9CGL (+ Spotting Assistance)	228,278	456	157	D	C	UN4PG	15,392	104	37	C	B
RU9CD	23,954	209	59	B	B	RK0LWW (RA0LSO, RW0MM, RU0LAX, ops)	206,646	575	93	D	C	UP20B	600	15	10	C	B
UB9AAJ	22,750	176	65	B	B	UA9XL (+ RM9X)	151,512	571	107	D	C	UN0C	360	10	10	C	B
R9TV	20,076	243	42	B	B	RA0ACM (+ Spotting Assistance)	137,966	615	101	D	C	UN9GD	523,776	1,415	93	C	C
R9XV	6,996	108	33	B	B	RU0SN (+ Spotting Assistance)	94,800	337	79	D	C	UN3GX	211,888	789	68	C	C
UB8QAA	2,704	52	26	B	B	RD9CX (+ Spotting Assistance)	90,880	357	64	D	C	UN8GV (+ Spotting Assistance)	586,710	1,068	159	D	C
RV9AM	2,150	44	25	B	B	RN9A (+ Spotting Assistance)	43,092	191	57	D	C	<b>Hong Kong</b>					
UA9JFH	1,710	45	19	B	B	RF9C (RV9CBW + Spotting Assistance)	29,736	236	63	D	C	VR2XMT	218,690	1,161	95	B	C
R9UW	140	10	7	B	B	RX0AK (+ Spotting Assistance)	27,144	266	52	D	C	VR2XLN (+ Spotting Assistance)	128,166	438	123	D	C
UA0SE	55,770	432	65	B	C	RC9F (+ Spotting Assistance)	26,432	217	56	D	C						
RA9JBA	53,940	437	62	B	C	UA9OC (+ Spotting Assistance)	22,230	112	65	D	C						
RA9AAA	42,496	332	64	B	C												
RW0UU	14,700	180	42	B	C												
UA9JFR	234	13	9	B	C												
UA9AB	67,584	256	66	C	A												
RU9UN	43,616	195	58	C	A												
UA0SBJ	22,704	176	33	C	A												
RA0JF	1,200	25	12	C	A												
RW9QA	415,800	1,001	105	C	B												
RT9S	295,200	742	100	C	B												
UD8A	265,024	812	82	C	B												
UA9TF	263,088	767	87	C	B												
RW0AJ	241,376	800	76	C	B												
R9AX	173,120	547	80	C	B												
UA0OD	153,160	555	70	C	B												
RX9FB	149,568	495	76	C	B												
RU0A	108,192	394	69	C	B												
UA9QM	105,084	423	63	C	B												
UA9AFS	94,424	324	74	C	B												
UA9WOB	72,716	350	53	C	B												
UA0C	65,720	315	53	C	B												
UA0ZS	64,660	266	61	C	B												
R9RT	63,648	223	72	C	B												
UA0KBG	60,756	254	61	C	B												

VR2ZQZ (+ Spotting Assistance)  
408,842 1,312 133 E B

#### India

VU2BGS 338,252 827 103 C B  
VU2PTT 21,024 150 36 C C

#### Cambodia

XU7ACY (+ Spotting Assistance)  
35,672 177 52 E B

#### Afghanistan

T6RH 72,250 367 85 A B  
T6MO (K9GY, op)  
117,072 544 54 C B

#### UK Sov. Base Areas on Cyprus

ZC4LI 968,772 1,829 133 C C

#### Europe

##### Montenegro

4O4A 20,100 104 50 A B  
4O3A (+ E74IW)  
2,065,338 2,169 297 D C

##### Croatia

9A2EY 55,610 241 67 A A  
9A5ST 342,912 600 192 A B  
9A3TY 36,208 144 73 A B  
9A5YY 220 11 11 A B  
9A5D (9A5DU, op)  
644,526 1,037 183 A C

9A2EU 46,816 149 88 A C  
9A8DX 186,248 758 124 B C  
9A4LW 6,448 65 26 C A  
9A3VM 491,064 1,119 111 C B  
9A3IH 217,464 670 82 C C  
9A4WY 126,716 405 79 C C  
9A3XV 36,024 165 57 C C

9A1A (9A5W, 9A6A, 9A7R, 9A9A, ops)  
1,897,110 1,992 321 D C

9A5Y (9A3LG & 9A3NM, ops)  
1,821,996 1,805 321 D C

9A3B (9A1AA & 9A2VR, ops)  
787,842 1,008 253 D C

9A2UZ (+ Spotting Assistance)  
73,988 354 106 D C

9A3ST (+ Spotting Assistance)  
2,280 32 19 E B

##### Malta

9H1XT 712,640 1,327 136 A C

##### Portugal

CT2IOV 123,970 533 115 A A  
CR5A (CT1FFU, op)

537,358 876 179 A B  
CT7ACG 933,984 1,677 207 A C

CT2JBG 22,512 168 67 B A  
CT1ELF 12,650 117 55 B A

CT2KFA 134,784 582 117 B B  
CT1DZY 24,402 150 83 B B

CT1DSV 17,812 151 61 B B  
CT4DK 15,930 137 59 B B

CT7ABG 14,136 126 57 B B  
CT1FOQ 9,918 89 57 B B

CT2IXQ 1,050 28 21 B B  
CT1EOD 300,160 1,131 134 B C

CT1EAT 134,310 563 121 B C

CT1IZW 18,104 152 62 B C  
CR6K (CT1CJJ, CT1ILT, CR7ADN, ops)

2,717,242 3,048 319 D C  
CS2P (CT1BWU, CT1BYK, CT7ADH,  
LZ1WR, LZ3ND, ops)

1,547,520 2,152 248 D C  
CT1BOL (+ Spotting Assistance)

347,480 1,026 170 D C  
CR5T (CT1FAC, CT1FDB, CT2FUN,  
CT2IBR, ops)

230,700 736 150 D C  
CT5KAO (+ Spotting Assistance)

221,844 821 139 E B  
CT2IPG (+ Spotting Assistance)

16,830 155 55 E B  
CT1EXR (+ Spotting Assistance)

7,140 88 42 E B  
CT2JYX (+ Spotting Assistance)

2,520 48 28 E B

##### Azores

CU2AF 175,760 852 104 B B  
CU3AC 42,168 251 84 B B  
CU2JT 34,272 168 51 C B

##### Fed. Rep. of Germany

DF5RF 2,162 31 23 A A  
DL3BVA 672 15 12 A A

DL4MCF 581,240 843 220 A B  
DK5DQ 156,210 428 127 A B

DK4WF 126,100 299 130 A B  
DL5SWB 120,512 331 112 A B

DL4HG 107,940 288 105 A B  
DL6AWJ 83,592 274 81 A B

DL5ASK 68,904 216 87 A B  
DO6SR 58,368 208 76 A B

DL3WKG 52,752 202 84 A B  
DL7ULM 48,528 193 72 A B

DL4EAX 41,238 167 79 A B  
DL2AL 34,944 186 78 A B

DK3WM 33,858 133 81 A B  
DF4TD 27,090 114 63 A B

DJ1ZU 24,000 166 75 A B  
DL8ZAJ 21,432 112 57 A B

DL5ANS 7,412 58 34 A B  
DJ1ER 6,072 51 44 A B

DK4EF 3,976 53 28 A B  
DL7VRG 2,898 42 23 A B

DK4MX 2,450 28 25 A B  
DL3SBD 2,436 50 21 A B

DL1AZK 1,558 30 19 A B  
DL8DXL 238 15 7 A B

DK6XZ (E77XZ, op)  
977,076 1,324 249 A C

DL1QQ 278,600 523 175 A C  
DL9SUB 153,748 382 133 A C

DC9ZP 99,632 294 104 A C  
DJ5AN 87,120 294 120 A C

DF3HD 64,242 220 83 A C  
DJ2QV 59,148 192 93 A C

DJ6OV 32,480 182 80 A C  
DL5CL 23,532 114 53 A C

DL6JZ 16,896 103 44 A C  
DM2FDO 15,700 111 50 A C

DL4ZBY 14,560 94 40 A C  
DL8AWK 2,392 48 13 A C

DL3DRA 216 9 6 A C  
DK6NF 15,846 140 57 B A

DF7LS 11,564 119 49 B A  
DF1RK 30 5 3 B A

DO2HMS 0 0 0 B A  
DF2DJ 160,650 684 119 B B

DJ7WW 138,276 505 138 B B  
DJ0MCZ 126,444 518 123 B B

DG1EA 37,288 240 79 B B  
DM5BB 23,940 172 70 B B

DJ4DN 16,576 149 56 B B  
DM2AWM 14,456 143 52 B B

DJ4MH 13,040 164 40 B B  
DG0OM 11,880 111 54 B B

DJ6UP 7,740 88 45 B B  
DL1GHJ 7,200 91 40 B B

DL1DXF 5,520 69 40 B B  
DL1JGO 4,940 66 38 B B

DK150RB (DL1SBF, op)  
4,392 65 36 B B

DO5TMM 3,618 67 27 B B  
DH5WB 3,080 70 22 B B

DF2SD 2,842 49 29 B B  
DA6NBE 2,548 49 26 B B

DC2DC 2,484 54 23 B B  
DH2PAF 2,392 54 23 B B

DL9FB 1,656 49 18 B B  
DL9HB 1,482 39 19 B B

DJ4AK 1,280 35 20 B B  
DO4TP 1,120 28 20 B B

DL2DQL 1,020 30 17 B B  
DL7ATR 682 31 11 B B

DK6YM 600 20 15 B B  
DM5CQ 442 18 13 B B

DO5WE 338 14 13 B B  
DL7UAI 330 15 11 B B

DL3BY 252 14 9 B B  
DL1SBF 240 12 10 B B

DH4PSG 162 9 9 B B  
DL1DF 120 10 6 B B

DL2MWB 390,264 1,223 161 B C  
DL5L (DG0OKV, op)

344,582 1,148 151 B C  
DL3BQA 264,960 1,040 128 B C

DJ1AA 186,120 711 132 B C  
DK1A (DK1AF, op)

174,930 600 147 B C  
DJ7YP 131,920 493 136 B C

DD8SM 106,950 471 115 B C  
DL2YL 104,544 489 108 B C

DM5TI 88,730 472 95 B C  
DL5RU 57,340 311 94 B C

DL5MEV 51,876 265 99 B C  
DL1SWB 23,680 150 80 B C

DJ6XV 23,506 163 73 B C  
DK8CB 13,224 118 57 B C

DL1JGG 10,094 107 49 B C  
DL8DBW 1,440 38 20 B C

DH1HJL 442 20 13 B C  
DL6DVU 234 13 9 B C

DK5OA 70 7 5 B C  
DF1DX 73,272 259 71 C A

DK1IZ 54,288 238 58 C A  
DL8TG 22,600 114 50 C A

DF8BB 9,800 75 35 C A  
DJ2RG 8,640 72 30 C A

DM3XI 7,420 55 35 C A  
DL4DQA 5,616 54 26 C A

DF1OE 4,860 55 27 C A

DF9WOY	2,584	38	19	C	A	DM3FF	616	15	14	C	B	DL2CC (+ Spotting Assistance)				
DJ3GE	2,580	44	15	C	A	DJ3CS	572	13	11	C	B		34,804	164	77	D C
DK5CF	2,444	51	13	C	A	DJ9KH	320	10	8	C	B	DL7CX (+ Spotting Assistance)				
DL1EFW	8	2	2	C	A	DK3GI	559,480	1,001	142	C	C		24,624	127	81	D C
DJ9DZ	323,000	651	125	C	B	DL2OM	313,684	668	119	C	C	DL8CA (+ Spotting Assistance)				
DK3KD	307,128	595	134	C	B	DL5YM	285,088	612	118	C	C		23,868	117	51	D C
DL9ZP	217,560	494	111	C	B	DAØI (DK1II, op)						DL4JLM (+ Spotting Assistance)				
DD5M (DJØZY, op)							185,820	492	95	C	C		22,540	117	49	D C
DL4WA	207,192	592	89	C	B	DL7USA	132,352	384	88	C	C	DL1EJA (+ Spotting Assistance)				
DL9LM	152,672	370	104	C	B	DK1AX	113,288	294	98	C	C		11,224	74	46	D C
DL5KUD	109,564	303	91	C	B	DL4ME	99,960	296	85	C	C	DKØGSK (+ Spotting Assistance)				
DL5YL	101,680	315	82	C	B	DJ9RR	85,952	276	79	C	C		9,176	63	37	D C
DL3KVR	87,608	238	94	C	B	DJ6TK	72,960	243	76	C	C	DL5ME (+ Spotting Assistance)				
DL4CF	83,980	249	85	C	B	DJ2IA	56,420	219	65	C	C		3,840	46	32	D C
DK2GZ	81,760	290	73	C	B	DK3AX	47,704	179	67	C	C	DM3BJ (+ Spotting Assistance)				
DL3KUD	77,824	259	76	C	B	DL2MDU	15,680	99	40	C	C		2,852	46	31	D C
DL7BY	73,800	229	82	C	B	DJ8RS	12,144	68	46	C	C	DL7URH (+ Spotting Assistance)				
DL1DXA	63,536	213	76	C	B	DL8UAT	10,064	74	34	C	C		2,808	39	18	E A
DL1CW	61,248	238	66	C	B	DLØMFL (DL2JRM, op)						DL2NBY (+ Spotting Assistance)				
DJ6OZ	59,800	230	65	C	B		9,372	73	33	C	C		150,024	401	94	E B
DL4XU	50,592	211	62	C	B	DF5BX	3,680	42	23	C	C	DL1NKS (+ Spotting Assistance)				
DF6RI	44,088	175	66	C	B	DL7JOM	3,552	38	24	C	C		118,560	321	114	E B
DL1ET	40,992	171	61	C	B	DR1A (DB6JG, DJ6ET, DJ7EG, DJ7EO, DL6FBL, DL9ECA, ops)						DJ3JD (+ Spotting Assistance)				
DJ7AT	38,796	194	53	C	B		1,553,500	1,862	325	D	C		66,056	198	92	E B
DL6ON	35,868	148	61	C	B	DR1D (DL3KO & PY2SEX, ops)						DL5ARM (+ Spotting Assistance)				
DK1KC	32,804	139	59	C	B		1,325,722	1,501	277	D	C		47,424	212	57	E B
DL3DRN	30,576	149	52	C	B	DA2C (DK3DM & DL8OBQ, ops)						DM3PKK (+ Spotting Assistance)				
DL7VMM	27,648	145	48	C	B		960,432	1,422	214	D	C		46,020	177	65	E B
DK7OM	27,440	143	49	C	B	DK2OY (+ Spotting Assistance)						DH9SB (+ Spotting Assistance)				
DL4JYT	26,928	135	51	C	B		915,572	1,102	266	D	C		45,580	218	53	E B
DL1HBT	26,160	110	60	C	B	DL6RAI (+ Spotting Assistance)						DF1LX (+ Spotting Assistance)				
DL3FF	25,600	132	50	C	B		852,688	989	274	D	C		43,420	171	65	E B
DL6ABB	24,816	143	44	C	B	DLØTUM (DJ4MZ, DK4YJ, DK9TN, ops)						DM3F (DH5FS + Spotting Assistance)				
DL2DXA	20,768	120	44	C	B		426,006	650	189	D	C		28,420	136	58	E B
DF3OL	18,240	115	40	C	B	DL8ZAW (+ Spotting Assistance)						DL4AC (+ Spotting Assistance)				
DL1ARD	17,280	98	45	C	B		359,828	632	181	D	C		28,320	142	60	E B
DL2DIE	14,976	109	39	C	B	DL8QS (+ Spotting Assistance)						DB1CP (+ Spotting Assistance)				
DL2VC	14,924	93	41	C	B		354,144	664	136	D	C		22,892	148	59	E B
DL4FDM	14,760	90	41	C	B	DJ7JC (+ DK3QZ)						DL2SAX (+ Spotting Assistance)				
DL2ASB	14,352	83	46	C	B		343,492	600	158	D	C		18,696	114	41	E B
DL2SBY	14,280	106	34	C	B	DL6KVA (+ Spotting Assistance)						DK4WO (+ Spotting Assistance)				
DK9MH	14,104	88	41	C	B		306,592	538	143	D	C		15,936	104	48	E B
DL4VQ	13,776	87	41	C	B	DP6T (DF3FS, DK3CW, DK9UMA, DJ6KS, ops)						DL2IPU (+ Spotting Assistance)				
DF3EH	13,760	82	43	C	B		302,778	651	189	D	C		14,352	95	39	E B
DL2RUG	13,616	74	46	C	B	DJ9MH (DJ9MH + Spotting Assistance)						DM6T (DO2TE & DO2MLC, ops)				
DH2URF	12,816	89	36	C	B		231,570	402	155	D	C		8,400	103	42	E B
DJ3CQ	11,388	76	39	C	B	DF2RG (+ Spotting Assistance)						DL1TS (+ Spotting Assistance)				
DK5ZX	11,264	89	32	C	B		203,550	424	177	D	C		7,600	68	40	E B
DH2DAM	11,136	90	32	C	B	DLØWH (DO9RWG & DM4IM, ops)						DK2FW (+ Spotting Assistance)				
DK2AB	10,752	67	42	C	B		196,482	455	143	D	C		6,864	53	39	E B
DJ3XD	10,044	81	31	C	B	DL7AT (+ Spotting Assistance)						DL1SVA (+ Spotting Assistance)				
DM3RB	9,184	61	41	C	B		172,848	457	156	D	C		6,072	46	33	E B
DH6DAO	8,784	63	36	C	B	DKØRX (DL1GWS, DL4GBA, DL1GBQ, ops)						DL1GOR (+ Spotting Assistance)				
DL4AAE	7,800	76	26	C	B		144,820	542	130	D	C		3,712	65	29	E B
DF2AP	7,320	62	30	C	B	DFØTEN (DJ5KW, DK8XX, DL1EK, ops)						DP6W (+ Spotting Assistance)				
DK6BT	5,616	55	27	C	B		143,208	669	108	D	C		702	26	13	E B
DL5WS	5,472	58	24	C	B	DL8OH (+ Spotting Assistance)						DC2IP (+ Spotting Assistance)				
DL3TU	5,456	47	31	C	B		128,520	553	119	D	C		192	9	6	E B
DK3YD	5,200	50	26	C	B	DR7B (DL2JRM & DO2XX, ops)						DC2CT (+ Spotting Assistance)				
DL8DZV	3,808	38	28	C	B		67,932	243	74	D	C		144	9	8	E B
DL2AXM	3,724	52	19	C	B	DM3XM (+ Spotting Assistance)										
DL2KWW	2,560	33	20	C	B		45,408	153	86	D	C					
DH8MS	2,552	29	22	C	B	DL6ØHSC (+ Spotting Assistance)										
DH6YMC	2,232	31	18	C	B		43,188	184	59	D	C					
DL5HF	1,836	28	17	C	B											
DL3DXF	1,280	23	16	C	B											

### Bosnia-Herzegovina

E7ØLT	31,506	146	59	A	A
E74WN	5,372	46	34	A	B
E78CB	18,984	114	42	C	B
E73W	831,720	1,457	145	C	C
E73PY	5,280	60	22	C	C

E7DX (E7ØR, E7ØT, E76C, E77DX, E77E, ops) 1,979,990 2,173 323 D C  
E73M (+ E74A) 1,427,538 1,568 287 D C  
E73RZ (+ Spotting Assistance) 51,060 189 69 E A

**Spain**

EA1GT 130,626 359 123 A A  
EA3CKX 53,934 218 101 A A  
EA3GI 16,324 91 53 A A  
EA7HOJ 644 23 14 A A  
ED7D (EA7KJ, op) 104,000 341 80 A B  
EA4CWW 56,862 198 81 A B  
EA3KT 32,708 227 74 A B  
EA5TT 25,856 106 64 A B  
EA2BVV 17,340 160 51 A B  
EA5CZM 4,096 64 32 A B  
EA4EUW 3,248 61 28 A B  
EA4DUT 47,400 160 100 A C  
EA1SA 46,830 209 105 A C  
EA2CCG 28,842 264 57 A C  
EA7HGX 10,062 77 43 A C  
EA3FF 18,270 147 63 B A  
EA1TI 13,420 122 55 B A  
EA3FHP 5,760 80 36 B A  
ED1C (EA1AJV, op) 102,704 526 98 B B  
EE1Y (EA1YB, op) 90,624 476 96 B B  
EE7R 81,918 377 111 B B  
EA2DT 72,600 364 100 B B  
EA5HSI 57,040 314 92 B B  
EA1BFZ 51,086 289 89 B B  
EA3NE 46,268 275 86 B B  
EE7K (EA7AKK, op) 40,248 262 78 B B  
EA3NA 38,000 257 76 B B  
EB1HRW 24,510 217 57 B B  
EA5HJO 22,080 163 69 B B  
EA1NM 18,620 134 70 B B  
EA3GLB 16,284 118 69 B B  
EA2TA 16,048 120 68 B B  
EA4YC 14,040 123 60 B B  
EA5FWW 11,800 119 50 B B  
EA1HDD 11,440 107 55 B B  
EA5TN 10,812 104 53 B B  
EA4FJJ 10,434 117 47 B B  
EE7E 10,260 95 57 B B  
EC5CYI 8,370 94 45 B B  
EA4EMC 7,992 74 54 B B  
EA7FRX 7,744 89 44 B B  
EA2MH 7,708 82 47 B B  
EA1DOB 4,992 66 39 B B  
EB3GIH 4,828 75 34 B B  
EA3AYQ 2,968 56 28 B B  
EA3GYK (DK7TM, op) 2,464 46 28 B B  
EA1BLI 1,800 37 25 B B  
EA7HE 1,540 36 22 B B  
EA7IVN 1,200 32 20 B B  
EA4CU 1,188 27 22 B B  
EA1DR 551,936 1,802 154 B C  
EA7ISH 402,780 1,484 137 B C  
EA5DFV 339,712 1,335 128 B C  
EA3BOX 203,616 820 126 B C

EA7KB 187,488 841 112 B C  
EA1ACP 185,760 695 135 B C  
EA7RU 180,960 784 116 B C  
EA3CI 157,482 673 117 B C  
EA4EER 107,352 499 108 B C  
EA3ELZ 38,212 234 82 B C  
EA7IBK 35,770 250 73 B C  
EA3FAX 27,440 198 70 B C  
EE4E 24,192 196 63 B C  
EA3XL 18,496 141 68 B C  
EA5DIT 4,464 62 36 B C  
EA1FA 9,112 72 34 C A  
EA3AVV 125,328 373 84 C B  
EA3GAS 108,224 311 89 C B  
EA7NW 90,816 264 88 C B  
EA5CP 81,328 303 68 C B  
EA4MZ 79,316 261 79 C B  
EA5AR 73,632 240 78 C B  
EA5XA 69,000 255 69 C B  
EA5GX 63,600 214 75 C B  
ED4T 54,432 253 54 C B  
EA2CTB 22,816 128 46 C B  
EA4OA 10,496 70 41 C B  
EF5Y (EA5GTQ, op) 1,130,112 1,757 162 C C  
EA4TX 862,224 1,595 138 C C  
EC7CW (EA7AJR, op) 549,072 1,294 108 C C  
EA1XT 466,784 1,019 116 C C  
EA5YU 211,072 549 97 C C  
EC5CR 195,712 559 88 C C  
EA2LU 152,392 451 86 C C  
EF5F (EA5FV, op) 94,668 348 69 C C  
EA2IF 89,488 333 68 C C  
EA5DM 33,800 130 65 C C  
ED1R (EC1KR, EC4DX, EA4SV, DH1TW, ops) 2,023,988 2,120 311 D C  
EF7X (EA7GYS & EA7KW, ops) 1,799,616 1,840 309 D C  
ED3A (EA3ATM, EA3NT, EA3OR, EA3GXJ, EA3DW, ops) 1,531,750 1,692 275 D C  
EF3A (EA3KU + Spotting Assistance) 1,093,716 1,338 234 D C  
ED5T (EB5KT, EA5YI, EA5UF, EA5GS, EA5ON, EA5KV, EA5GIE, ops) 1,032,120 1,462 244 D C  
EB2AM (+ Spotting Assistance) 546,016 1,819 151 D C  
ED1T (EC1DBO, EA1HLH, EA1GA, ops) 398,304 1,404 144 D C  
EA1KY (+ Spotting Assistance) 369,264 1,110 168 D C  
EA5DY (+ EA5BY, EA5FID, EA5RS) 349,246 799 131 D C  
EA3JW (+ Spotting Assistance) 337,492 620 139 D C  
EA2RCF (+ ops) 313,286 713 163 D C  
EC7ZK (+ Spotting Assistance) 253,504 942 136 D C  
EA7URA (EA7JB, EA7IZJ, EA7HCJ, EB7CVL, EC7DX, EA7JHC, EC7ABV, EB7BPM, ops) 223,608 943 121 D C

EA1WX (+ Spotting Assistance) 167,280 413 102 D C  
EA7ZY (+ Spotting Assistance) 154,660 708 110 D C  
EA3EZD (+ Spotting Assistance) 96,520 523 95 D C  
EB2RA (+ Spotting Assistance) 88,382 394 107 D C  
EA7TG (+ Spotting Assistance) 31,416 154 51 D C  
EA3AV (+ Spotting Assistance) 20,900 110 50 D C  
EA1AZ (+ Spotting Assistance) 20,090 210 49 D C  
EA1HOE (+ Spotting Assistance) 15,456 164 48 D C  
EA2AZ (+ Spotting Assistance) 8,832 71 32 D C  
EA5EXK (+ Spotting Assistance) 13,720 73 49 E A  
EF1D (EA1AST, EA1YG, EA1HET, EA1HFI, EA1HVL, EA1GIY, EB1TR, EA4FYH, EA4ETJ, ops) 615,660 1,027 186 E B  
EA4ZK (+ Spotting Assistance) 271,500 552 125 E B  
EA5FQ (+ Spotting Assistance) 148,944 355 107 E B  
EA3LA (+ Spotting Assistance) 107,304 529 102 E B  
EA1CS (+ Spotting Assistance) 71,280 275 66 E B  
EA5WU (+ Spotting Assistance) 60,672 242 64 E B  
EA4XT (+ Spotting Assistance) 60,040 199 79 E B  
EC7AKV (+ Spotting Assistance) 39,618 178 93 E B  
EB3EPR (+ Spotting Assistance) 30,856 208 38 E B  
EA2WD (+ Spotting Assistance) 26,100 174 75 E B  
EA3DX (+ Spotting Assistance) 21,920 143 80 E B  
EA3DJL (+ EA3HJO) 15,660 135 58 E B  
EA4IE (+ Spotting Assistance) 10,944 73 38 E B  
EA7IQM (+ Spotting Assistance) 9,156 123 42 E B  
EA7WV (+ Spotting Assistance) 4,536 64 36 E B

**Balearic Islands**

EA6ZS 19,824 121 42 A B  
EA6SX 1,474,908 1,771 267 A C  
EA6SK 13,288 88 44 A C  
EA6BF (+ Spotting Assistance) 783,272 1,388 142 E B

**Ireland**

EI4CF 279,680 591 190 A B  
EI4DW 182,028 430 154 A B  
EI2KA 104,040 514 102 B B  
EI3CTB 14,520 140 55 B B  
EI9HX 347,060 1,300 134 B A  
EI4II 59,228 237 67 C A  
EI7CC 98,304 387 64 C B

EI7KD	917,280	1,500	156	C	C	F5BBD	145,140	403	123	A	C	F5KIN (F8NAN, F8FHC, F8DFP, F5RQQ, ops)					
EI7M (EI8IR, EI4BZ, EI3JE, EI3JZ, EI3KD, ops)						F5CQ	52,440	148	115	A	C		364,364	743	143	D	C
	2,859,864	2,667	348	D	C	F8BDQ	37,084	169	73	A	C	F4FLQ (+ Spotting Assistance)					
EI9E (EI2FG, EI5DI, EI7FJ, EI9HQ, ops)						F6HIQ	2,592	54	24	B	A		329,448	1,048	159	D	C
	1,181,688	1,697	212	D	C	F5OWT	221,136	819	136	B	B	F5NBX (+ Spotting Assistance)					
EI9KC (+ Spotting Assistance)						TM22P (F6HRP, op)							287,802	594	177	D	C
	148,764	372	138	D	C	F1AEY	91,924	654	103	B	B	F4FFZ (+ Spotting Assistance)					
<b>Moldova</b>						F4GTD	64,152	480	98	B	B		162,114	666	123	D	C
ER5DX	24,752	113	68	A	B	F5LIW	57,408	316	92	B	B	F6ITD (+ Spotting Assistance)					
ER3CT	11,040	122	46	B	B	TM38O	49,662	282	89	B	B		61,410	352	89	D	C
ER1DA	51,120	215	60	C	A	F6DRP	48,640	311	80	B	B	F4FFH (+ Spotting Assistance)					
ER1EA	12,160	80	38	C	B	F5AD	39,780	196	102	B	B		58,368	310	96	D	C
<b>Estonia</b>						F6FLU	18,150	122	75	B	B	F5PHW (+ Spotting Assistance)					
ES1LS	67,522	373	91	B	B	F4DLL	13,674	131	53	B	B		54,528	173	96	D	C
ES6RMR	11,550	106	55	B	B	F4ABV	8,000	100	40	B	B	F8DZU (+ Spotting Assistance)					
ES4RD	2,244	52	22	B	B	F4EJW	7,310	87	43	B	B		14,518	121	61	D	C
ES8SX	1,938	51	19	B	B	F5AMH	6,318	83	39	B	B	F4CPF (+ Spotting Assistance)					
ES2IPA	1,056	34	16	B	B	F4GDI	4,514	61	37	B	B		4,400	50	44	D	C
ES5RW	18,304	210	44	B	C	F1PYN	1,540	36	22	B	B	F1UVN (+ Spotting Assistance)					
ES2JL	46,992	200	66	C	A	F4GFT	306	19	9	B	B		1,296	36	18	D	C
ES1WST	39,192	140	71	C	A	F4RST	264	12	11	B	B	F4FSY (+ Spotting Assistance)					
ES2MA	43,416	164	67	C	B	F4GLQ	98	7	7	B	B		92,800	409	116	E	A
ES4MM	8,960	65	35	C	B	TMØT	709,770	2,044	177	B	C	F4FDA (+ Spotting Assistance)					
ES5RY	569,712	1,084	132	C	C	TM7F (F6GLH, op)							11,628	71	51	E	B
ES2DJ	222,888	506	111	C	C	F8AAN	293,290	1,078	139	B	C	F1SMV (+ Spotting Assistance)					
ES4RX (+ Spotting Assistance)						F4BKV	213,852	761	142	B	C		9,016	93	49	E	B
	51,688	191	71	D	C	F6DZU	207,500	834	125	B	C	F5IHP (+ Spotting Assistance)					
ES5MG (+ Spotting Assistance)						F4FPG	201,750	813	125	B	C		4,092	51	22	E	B
	40,584	231	89	D	C	F4DPT	172,800	690	128	B	C	F4GPX (+ Spotting Assistance)					
ES5QA (+ Spotting Assistance)						F1RHS	94,760	419	115	B	C		2,552	44	29	E	B
	25,764	117	57	E	B	F4DSK	87,584	392	112	B	C	F8BSK (+ Spotting Assistance)					
<b>Belarus</b>						F6BZQ	61,600	355	88	B	C		1,908	56	18	E	B
EW1IP	133,176	310	124	A	B	F4CUI	1,554	37	21	B	C	F4FRF (+ Spotting Assistance)					
EW7EW	46,500	209	75	A	B	F5VBT	55,728	261	54	C	A		544	17	16	E	B
EW7DK	15,080	95	58	A	B	F6FTB	27,104	156	44	C	A	<b>England</b>					
EU1AZ	485,352	738	189	A	C	F8BXI	6,160	57	28	C	A	G3R (GØDCK, op)					
EV1R	382,704	614	201	A	C	TM2T (F5ROP, op)							6,440	73	35	A	A
EW2A	120,480	293	120	A	C	F8AKC	275,880	614	114	C	B	G4FKA	277,240	560	145	A	B
EU4AG	364	14	13	B	B	F5VV	152,640	370	106	C	B	G4DDL	83,142	265	93	A	B
EU1AA	181,280	424	110	C	A	F5DM	104,896	306	88	C	B	G3Y (G3YBY, op)					
EU3NA	20,400	106	50	C	A	F5JU	88,320	243	92	C	B		41,038	185	71	A	B
EU4CQ	70,152	232	79	C	B	F6DYX	80,784	298	68	C	B	G4WGE	20,972	118	49	A	B
EU1DZ	60,720	221	69	C	B	F8CRS	69,720	253	70	C	B	MØVKG	7,392	66	42	A	B
EW6FX	8,008	79	26	C	B	F6KEX	56,672	209	77	C	B	MØSFR	1,900	26	19	A	B
EW8OW	7,904	78	26	C	B	F5NQL	34,428	153	57	C	B	M6T (G4TSH, op)					
EW8OF	7,360	96	20	C	B	F8AEE (F5KOB, op)							692,272	1,136	196	A	C
EU6AA	3,096	43	18	C	B		6,664	98	17	C	B	GØHVQ	414,468	703	174	A	C
EW2EG	2,924	43	17	C	B	F5LLE	2,800	28	25	C	B	GØTSM	398,300	876	175	A	C
EV6Z	672	21	8	C	B	F5NQT	80	5	4	C	B	MØWLF	167,948	578	121	A	C
EW8EW	399,532	762	133	C	C	F5IN	663,520	1,157	145	C	C	G4SGI	100,104	316	86	A	C
EU6AF	163,608	408	102	C	C	F8DGY	515,680	1,191	110	C	C	MØBLF	9,156	101	42	A	C
EW8OM	69,012	245	71	C	C	F5VML	29,028	127	59	C	C	GØAEV	171,864	697	124	B	B
EW8CY (+ Spotting Assistance)						F6FYA	27,824	155	47	C	C	G6SFP	98,770	418	119	B	B
	1,728	25	18	D	C	F5JVP	7,800	74	30	C	C	2EØEET	29,862	191	79	B	B
EW4DX (+ Spotting Assistance)						TM6M (F1AKK, F4DXW, F5MUX, ops)						M5KJM	20,264	150	68	B	B
	97,200	256	108	E	B		2,419,054	2,274	341	D	C	G4NXG	13,640	113	62	B	B
<b>France</b>						TM2B (F8DBF, F8CIL, F4EGZ, ops)						M1EBV	12,036	103	59	B	B
F5PAL	40,068	192	63	A	B		1,869,246	1,667	339	D	C	GØSFJ	7,482	91	43	B	B
F5RD	37,230	173	73	A	B	TMØR (F5BSB & F5MNK, ops)						GØTAN	6,624	93	36	B	B
F5LMJ	27,548	134	71	A	B		1,351,224	1,640	294	D	C	G7NIB	6,624	95	36	B	B
F6FNA	6,794	75	43	A	B	F4ERS (+ F5CWU)						G6VMR	4,200	60	35	B	B
F5BTH	5,320	68	38	A	B		1,046,504	1,456	257	D	C	GØFPU	2,128	38	28	B	B
F5GGL	3,648	44	32	A	B							MØTQR	1,674	32	27	B	B
F6GOX	202,202	426	143	A	C							G4PKP	1,144	27	22	B	B
												M1ADX	72	6	6	B	B
												MØUTD	183,084	813	114	B	C



M0MBF	1,344	34	21	B	C
G3YMC	65,124	245	67	C	A
G4FDC	17,200	100	43	C	A
M0CEF	7,616	68	28	C	A
G6CSY	1,044	29	9	C	A
G3RSD	83,780	299	71	C	B
M0CFW (JK3GAD, op)	79,488	290	69	C	B
G3KNU	62,304	245	66	C	B
G3RLE	55,296	218	64	C	B
G3VYI	46,360	192	61	C	B
G4DBW	46,320	196	60	C	B
M0TRN	34,776	161	54	C	B
G4DBX	34,320	146	60	C	B
G3GLL	23,296	107	56	C	B
G0SYP	11,520	72	40	C	B
G0IBN	6,832	63	28	C	B
G4RBI	5,832	55	27	C	B
M0IPU	4	1	1	C	B
G3TXF	1,046,900	1,821	145	C	C
M3I (G0ORH, op)	133,500	452	75	C	C
G4AMT	121,680	397	78	C	C
G3PJT	96,760	298	82	C	C
G4HZV	68,068	221	77	C	C
G4BUO	6,840	60	30	C	C
G0VQR	4,232	48	23	C	C
G3P (G3WPH + Spotting Assistance)	501,960	898	141	D	C
G5E (G4OGB, G0HDV, G3RAU, ops)	308,416	595	158	D	C
G4BJM (+ Spotting Assistance)	175,740	506	87	D	C
G0MTN (+ Spotting Assistance)	169,970	433	115	D	C
G7TWC (+ Spotting Assistance)	72,384	219	87	D	C
G6T (G4MKP + Spotting Assistance)	56,544	242	62	D	C
G0GFQ (+ Spotting Assistance)	22,940	103	62	D	C
M0VKY (+ Spotting Assistance)	10,080	128	40	D	C
G4IY (+ Spotting Assistance)	65,992	232	73	E	B
G4FJK (+ Spotting Assistance)	30,646	199	77	E	B
M1JJK (+ Spotting Assistance)	24,924	190	67	E	B
G4MKR (+ Spotting Assistance)	9,600	63	40	E	B
G8HGN (+ Spotting Assistance)	9,348	82	57	E	B
<b>Isle of Man</b>					
MD0CCE	214,080	674	80	C	C
GT8IOM (GD4IHC & GD4WBY, ops)	174,182	815	109	E	B
<b>Northern Ireland</b>					
G17AXB	26,596	221	61	B	B
G14AAM	1,406	37	19	B	B
G10RQK	678,368	1,477	116	C	B
G14DOH	120,984	433	71	C	C
G14NKB (+ Spotting Assistance)	363,200	625	160	D	C

<b>Jersey</b>					
GJ2A (MJ0PMA, op)	19,592	161	62	B	B
MJ0ASP	26,496	138	48	C	B
<b>Scotland</b>					
GM4UBJ	1,440	27	20	A	A
MM3T (GM0ELP, op)	941,850	1,423	195	A	C
GM0BKC	25,830	209	63	B	B
MM0GOR	3,770	66	29	B	B
GM5X	750,708	2,328	162	B	C
GM4HQF	35,856	167	54	C	A
GM4K GK	34,040	189	46	C	B
GM0OAA	9,984	78	32	C	B
MM0GPZ	349,656	872	102	C	C
GM3W (GM3SEK & MM0WNV, ops)	633,040	1,180	193	D	C
<b>Guernsey</b>					
MU0GSY	101,270	536	95	B	B
MU0FAL	222,084	604	93	C	B
<b>Wales</b>					
GW4EVX	16,224	157	52	B	A
GW9T (MW0ZZK, op)	884,722	2,575	173	B	C
GW7X (GW4BLE & MW0MWZ, ops)	566,784	1,389	192	D	C
MW0JZE (+ Spotting Assistance)	321,632	1,069	152	D	C
<b>Hungary</b>					
HG6C (HA6IAM, op)	50,540	195	70	A	A
HA5BSW	214,176	431	138	A	B
HA8IB	586,740	847	210	A	C
HA7PL	30,444	145	59	A	C
HA4XH	189,500	770	125	B	B
HA8IE	363,560	1,230	149	B	C
HA5AWT	33,654	216	79	B	C
HA0GK	42,160	174	62	C	A
HA5BA	15,960	106	38	C	A
HG5O	1,600	40	10	C	A
HG0R (HA0NAR, op)	460,256	766	152	C	B
HA8TP	106,704	346	78	C	B
HA2MN	63,656	221	73	C	B
HA8CQ	45,840	194	60	C	B
HA8VK	16,920	97	45	C	B
HA1AG	943,020	1,413	169	C	C
HG7T (HA7TM, op)	731,016	1,305	143	C	C
HA6P (HA6PX, op)	607,848	1,185	129	C	C
HA0HW	138,240	390	90	C	C
HA7LW	65,240	234	70	C	C
HA5NB	29,640	133	57	C	C
HG1S (HA1TJ, HA6NF, HA1DAI, ops)	1,095,168	1,371	276	D	C
HG6N (HA6ND & HA6ON, ops)	813,144	1,162	204	D	C
HA8BE (+ Spotting Assistance)	278,250	468	159	D	C
HA1DAE (+ Spotting Assistance)	84,032	222	101	D	C
HG8C (HA8EK + Spotting Assistance)	298,826	487	187	E	B

<b>HA3OU (+ Spotting Assistance)</b>					
	69,888	211	84	E	B
<b>Switzerland</b>					
HB9DCM	374,372	651	173	A	B
HB9/RV3DH	168	13	7	B	A
HB9CNY	12,056	137	44	B	B
HB9EFJ	16,616	140	62	B	C
HB9DVH	936	26	18	B	C
HB9ARF	185,840	507	92	C	B
HB9FBG	32,248	143	58	C	B
HB9ELD	512	16	8	C	B
HB9DHG	164,052	449	93	C	C
HB9CXZ (+ HB9OBQ, HB9DUR, HB9TJC, HB9TSW, HB9ODK)	376,536	794	174	D	C
<b>Italy</b>					
IZ3NVR	24	3	3	A	A
IK3ORD	345,504	582	183	A	B
IZ0BTV	179,490	375	193	A	B
IV3UHL	166,780	404	155	A	B
IK3UNA	127,456	439	112	A	B
IZ7FLP	113,520	514	110	A	B
IK4VET	66,642	203	87	A	B
I5QNJ	44,544	172	96	A	B
IZ3DBA	35,464	160	62	A	B
IZ8GBT	30,550	136	65	A	B
I2WIJ	4,692	41	34	A	B
IK2IKW	3,840	63	20	A	B
IK8YFU	532	16	14	A	B
IZ1GLX	352	23	4	A	B
IK5VQK	340	10	10	A	B
IZ5EKV	110,230	393	73	A	C
IQ4AX (IK4VET, op)	88,350	309	75	A	C
IZ2LSC	27,784	113	92	A	C
IK4AUJ	21,504	113	64	A	C
I7CSB	6,970	58	41	A	C
I5KAP	25,792	209	62	B	A
IK3XTY	176	11	8	B	A
IZ8JJI	154	12	7	B	A
IQ9BT (IT9SPB, op)	317,966	1,083	149	B	B
IW1QN	146,196	564	131	B	B
IZ4AMS	89,688	450	101	B	B
IK5AMB	75,466	394	97	B	B
IW3IFJ	75,396	370	103	B	B
IK6GPZ	48,888	256	97	B	B
IW7EFJ	41,464	291	73	B	B
IV3RCH	39,900	219	95	B	B
IW0EYT	38,552	247	79	B	B
IZ5HPQ	35,802	222	81	B	B
I4MFA	32,680	193	86	B	B
IZ1DXG	24,480	172	72	B	B
IZ4AFW	20,976	154	69	B	B
IW4EGX	17,514	139	63	B	B
IW2NRI	14,098	133	53	B	B
IZ1RGL	11,252	98	58	B	B
IZ5IMD	10,878	111	49	B	B
IZ5RKC	9,936	114	46	B	B
IZ3AYS	9,350	88	55	B	B
IK2VUC	8,736	113	39	B	B
IK2LTR	8,658	111	39	B	B
IK5YJK	8,652	103	42	B	B
IW5ECP	6,030	69	45	B	B
I4VIL	5,580	63	45	B	B
IK2WFN	5,270	88	31	B	B

IZ2SNI	4,148	62	34	B	B	IQ2CJ (IK2JUB, IK2NCJ, IK2PFL, IW2HAJ ops)					LA8AW (+ Spotting Assistance)						
IZ2ABN	4,148	62	34	B	B							51,456	193	67	E	B	
IZ2BKA	3,264	53	32	B	B		1,221,788	1,412	281	D	C	LA9TY (+ Spotting Assistance)					
IZ8EEL	2,592	49	27	B	B	IK2YCW (+ Spotting Assistance)						42,864	228	94	E	B	
IW0GYC	2,146	39	29	B	B		1,088,000	1,506	272	D	C	LA3ZA (+ Spotting Assistance)					
IW3IAU	1,584	38	22	B	B	IO5O (IK5ROS, IK5RLP, IZ5EME, IZ5BRW, IW5EFX, ops)						35,620	140	65	E	B	
IK4SPB	1,518	34	23	B	B		896,898	1,219	249	D	C	LA1QDA (+ Spotting Assistance)					
IK4XQT	768	33	12	B	B	I2SVA (+ Spotting Assistance)						20,544	107	48	E	B	
IZ8MXB	684	19	19	B	B		420,800	678	200	D	C	<b>Luxembourg</b>					
IV3GKY	588	21	14	B	B	IQ2MG (I2GPT, IZ2BKP, IZ2BKP, ops)						LX1NO	222,480	620	90	C	B
IK2CMI	336	23	8	B	B		254,928	697	94	D	C	<b>Lithuania</b>					
IZ8LIP	260	13	10	B	B	IZ2FOS (+ Spotting Assistance)						LY5W	61,248	242	88	A	B
IZ1HBC	144	9	8	B	B		191,700	684	142	D	C	LY2N	60,636	205	93	A	B
IX1CKN	40	5	4	B	B	IK2YXB (+ Spotting Assistance)						LY2TS	36,252	168	57	A	B
IR4C	291,288	929	159	B	C		13,132	67	49	D	C	LY2HQ	10,248	122	42	B	B
IZ5MMB	128,128	453	143	B	C	IK3STG (+ Spotting Assistance)						LY1RB	4,752	73	33	B	B
I2ADN	99,182	498	101	B	C		10,914	108	51	D	C	LY1FW	182,880	729	127	B	C
IT9FXV	55,728	331	86	B	C	IC8POF (+ Spotting Assistance)						LY1R	146,720	665	112	B	C
IZ8FDG	53,836	318	86	B	C		540	18	15	D	C	LY2LF	31,400	160	50	C	A
IT9CAR	45,900	310	75	B	C	IT9EJW (+ IT9ATQ, IT9AXQ, IT9GAC, IT9RYJ, IT9YA, ops)						LY7Z (LY2TA, op)	15,244	105	37	C	A
IW5ELR	36,736	228	82	B	C		333,822	565	177	E	B	LY2BBF	3,344	39	22	C	A
IK2SAU	29,240	176	85	B	C	IU9A (+ Spotting Assistance)						LY2FN	127,512	329	99	C	C
IT9ABN	24,180	156	78	B	C		293,460	1,011	146	E	B	LY2XW	98,968	280	89	C	C
IZ2ODM	15,750	107	75	B	C	IK4UNH (+ Spotting Assistance)						LY2MM	92,568	267	87	C	C
IZ8DSX	13,608	128	54	B	C		46,360	191	61	E	B	LY2J (+ Spotting Assistance)	286,896	573	129	D	C
IZ4ORO	10,830	98	57	B	C	IZ5ILK (+ Spotting Assistance)						LY2F (+ Spotting Assistance)	59,400	227	66	D	C
IZ5IJY	10,528	114	47	B	C		2,214	43	27	E	B	LY2SA (+ LY3KP)	115,200	292	100	E	B
IZ5FDD	7,470	83	45	B	C	IQ4FE (IZ4JLZ, IK4VFB, IZ4HZA, ops)						LY5D (+ Spotting Assistance)	17,640	118	45	E	B
IZ5NSH	5,360	67	40	B	C		1,804	43	22	E	B	LY2BNL (+ Spotting Assistance)	17,544	105	43	E	B
IZ4EFP	4,290	65	33	B	C	IZ2NYY (+ Spotting Assistance)											
IV3AOL	15,792	85	47	C	A		714	21	17	E	B	<b>Bulgaria</b>					
IZ3ALW	4	1	1	C	A	<b>Sardinia</b>						LZ2FV	30,780	154	57	A	A
IK8TEO	227,696	534	107	C	B	IS0RDY	87,552	292	76	C	B	LZ1MC	72,250	245	85	A	B
IK0FUX	206,896	388	134	C	B	IS0AFM	128,188	441	73	C	C	LZ1DNY	42,432	157	68	A	B
IK4WMH	167,160	398	105	C	B	<b>Norway</b>						LZ1BY	1,504	47	16	A	B
IK7JTF	86,240	202	110	C	B	LA1VNA	506	24	11	A	B	LZ2ZG	31,488	124	64	A	C
IC8FBU	56,816	230	67	C	B	LA5HPA	8,010	69	45	A	C	LZ1VB	36,400	180	52	C	A
IZ0CIV	24,804	124	53	C	B	LA1TPA	4,264	84	26	B	A	LZ7H	8,424	81	27	C	A
IK2AIT	18,400	106	46	C	B	LA8OKA	18	3	3	B	A	LZ2RS	2,856	34	21	C	A
IZ1DXS	14,620	90	43	C	B	LA6YIA	19,588	170	59	B	B	LZ4AE	170,344	400	107	C	B
IW5EIJ	14,112	101	36	C	B	LA7TN	2,698	72	19	B	B	LZ2FM	64,512	226	72	C	B
IZ8PPH	11,256	72	42	C	B	LA5PRA	1,140	30	19	B	B	LZ1IQ	35,520	153	60	C	B
IZ8OCU	9,216	64	36	C	B	LB4CD	874	23	19	B	B	LZ1AQ	32,640	139	60	C	B
IK2CZQ	8,576	67	32	C	B	LA6VQ	18	3	3	B	B	LZ3PZ	31,376	155	53	C	B
IR2ITA (IN3OWY, op)						LA7GNA	113,726	570	101	B	C	LZ3V (LZ1NY, op)	24,684	122	51	C	B
	6,952	81	22	C	B	LA3ZPA	62,720	339	98	B	C	LY2EP	6,364	95	43	C	B
IK3QAR	6,912	64	27	C	B	LA6KOA	13,338	249	27	B	C	LZ2CL	2,436	34	21	C	B
IK2WYI	4,640	60	20	C	B	LA5LJA	209,880	479	110	C	B	LZ2PT	2,400	30	20	C	B
IZ5JLW	352	11	11	C	B	LA2HFA	114,208	336	86	C	B	LZ1FJ	1,144	27	11	C	B
IK6IOQ	352	12	8	C	B	LA9DK	39,820	185	55	C	B	LY2ND	481,992	912	133	C	C
IZ2CSX	280	10	7	C	B	LA3RK	33,456	171	51	C	B	LZ5R (LZ1YQ & LZ1UK, ops)	986,860	1,341	245	D	C
IK7JWY	783,360	1,231	160	C	C	LA/RZ3DA	8,844	71	33	C	B	LY9W (LZ1ZD & LZ3FM, ops)	928,620	1,440	165	D	C
IT9MUO	361,216	672	136	C	C	LA7CL	6,944	65	28	C	B	LY2PL (+ Spotting Assistance)	467,040	849	139	D	C
IK2AHB	257,228	604	107	C	C	LA8OM	253,776	626	102	C	C	LY2DF (+ Spotting Assistance)	347,200	793	175	D	C
IK2A00	122,060	364	85	C	C	LA1TV	155,904	452	87	C	C						
IK2GZU	60,840	199	78	C	C	LA7SI	5,280	55	24	C	C						
IT9ESW	56,376	169	87	C	C	LA6YEA (+ Spotting Assistance)											
I5YDI	47,064	164	74	C	C		767,144	1,214	206	D	C						
IZ2DII	1,728	27	16	C	C	LA9TJA (+ Spotting Assistance)											
I19P (IT9ACN, IT9AUG, IT9BUN, IT9CHU, IT9CJC, IT9EQO, IT9GSF, IT9NJE, ops)	1,496,196	1,770	299	D	C	LA4RT (+ Spotting Assistance)											
IR8C (IZ8GCB, IZ8GCE, IZ8TDP, IK8UND, ops)	1,420,724	1,642	289	D	C	LA8HGA (+ Spotting Assistance)											
IQ1GE (IK1YDB, IK1HJS, IK1QBT, ops)	1,290,500	1,391	290	D	C		103,304	354	74	E	B						

LZ5K (+ Spotting Assistance)	191,622	892	109	D	C
LZ3FN (+ Spotting Assistance)	81,000	259	90	D	C
LZ2UW (+ Spotting Assistance)	65,736	209	83	D	C
LZ1BJ (+ Spotting Assistance)	21,056	109	56	D	C
LZ1MS (+ Spotting Assistance)	14,400	90	40	D	C
LZ1RGT (+ Spotting Assistance)	2,064	44	24	D	C
LZ1363PTT (+ Spotting Assistance)	1,368	28	19	D	C
LZ1CNN (LZ1KFM + Spotting Assistance)	400	10	10	D	C
LZ1ONK (+ Spotting Assistance)	53,820	197	69	E	B
LZ1QN (+ Spotting Assistance)	43,896	182	62	E	B
LZ1JZ (+ Spotting Assistance)	15,180	105	46	E	B
LZ3TL (+ Spotting Assistance)	11,968	89	34	E	B
LZ1DM (+ Spotting Assistance)	11,880	136	44	E	B
<b>Austria</b>					
OE8Q (OE8SKQ, op)	1,159,380	1,597	226	A	C
OE6U (OE6HLF, op)	4,422	68	33	B	B
OE2LRO	340	18	10	B	B
OE9MON	63,612	346	93	B	C
OE6MBG	34,560	274	64	B	C
OE1VWWL	10,736	88	61	B	C
OE1BKA	3,520	41	22	C	B
OE3GCU	368,424	740	126	C	C
OE4VIE	241,600	612	100	C	C
OE3KAB	205,224	506	102	C	C
OE2S (DJ5IW & OE2VEL, ops)	625,636	826	241	D	C
OE2LCM (+ Spotting Assistance)	162,212	386	107	D	C
<b>Aland Islands</b>					
OH0B	441,364	1,438	154	B	C
OH0Z (OH6VM, op)	238,944	461	131	C	C
<b>Finland</b>					
OG4T (OH4MFA, op)	11,562	82	41	A	A
OH3CV	7,480	60	44	A	B
OH8KA	1,512	25	18	A	B
OH3JF	296,212	515	149	A	C
OH1LEG	6,256	70	46	B	B
OH2JLN	4,872	86	29	B	B
OH1MA	295,936	1,098	136	B	C
OH6NT	64,380	377	87	B	C
OH1O (OH1TV, op)	54,280	238	115	B	C
OG1T (OH1TIN, op)	29,700	229	66	B	C
OH2XF	4,200	60	35	B	C
OH2FS	1,200	25	24	B	C
OH2LU	26,724	132	51	C	B

OH9W (OH2TA, op)	310,300	736	107	C	C
OH2BBT	119,756	336	91	C	C
OH3FM	18,048	96	48	C	C
OG2A (+ Spotting Assistance)	511,664	713	226	D	C
OH8KVA (+ Spotting Assistance)	73,336	212	89	D	C
OH6OS (+ Spotting Assistance)	58,500	230	65	D	C

### Czech Republic

OK6Y (OK2PTZ, op)	240,120	498	145	A	B
OK6RA	154,476	382	126	A	B
OK1BLU	21,056	111	56	A	B
OK1KZ	12,546	83	51	A	B
OK1FMX	4,940	49	26	A	B
OK1IC	746,434	948	247	A	C
OK4AS	10,080	112	45	B	A
OK7N	3,780	55	35	B	B
OK1PMA	2,058	49	21	B	B
OK2BEN	1,890	45	21	B	B
OK2PMS	1,728	34	27	B	B
OK1BA	37,736	179	53	C	A
OK2BLD	4,536	43	27	C	A
OK1FAO	1,584	33	12	C	A
OK4RQ	223,776	507	111	C	B
OK2QX	210,540	441	121	C	B
OK1HX	154,068	350	111	C	B
OK2HBY	127,088	344	94	C	B
OK2EA	94,932	296	81	C	B
OK1GS	65,260	258	65	C	B
OK2SSJ	57,960	221	70	C	B
OK1MZB	57,200	224	65	C	B
OK2SGW	46,872	190	63	C	B
OK1HEH	46,728	206	59	C	B
OK7T (OK1FHI, op)	46,096	173	67	C	B
OK2PBG	39,072	148	66	C	B
OK1SI	36,024	163	57	C	B
OK1DKR	34,048	153	56	C	B
OK2PAD	29,008	153	49	C	B
OK2BME	24,696	139	49	C	B
OK/LZ3SF	24,192	131	48	C	B
OK2VX	22,464	110	52	C	B
OK1IBP	19,888	117	44	C	B
OK1JVT	19,008	118	44	C	B
OK2KFK	15,908	98	41	C	B
OK1DOL	12,480	79	40	C	B
OK1AMF	9,680	59	44	C	B
OK2DX	7,236	67	27	C	B
OK1ABF	768	16	12	C	B
OL3Z (OK1HMP, op)	754,872	1,336	142	C	C
OL60DG	388,608	749	132	C	C
OK8DD	161,172	412	99	C	C
OK2ABU	123,532	353	89	C	C
OK1EP	35,088	103	86	C	C
OL4M	28,400	144	50	C	C
OL7M (OK1MU, OK1DF, OK1CW, OK1HRA, OK2ZAW, ops)	1,085,314	1,453	233	D	C
OL1X (OK1XQ & OK4PA, ops)	390,486	1,307	151	D	C
OK1VD (+ Spotting Assistance)	203,008	419	122	D	C

OL5Y (OK1FUA + Spotting Assistance)	129,928	324	149	D	C
OK1FKD (+ Spotting Assistance)	2,860	55	13	E	A
OK2PAY (+ Spotting Assistance)	473,680	766	155	E	B
OK7Y (+ Spotting Assistance)	264,000	505	132	E	B
OK3M (+ Spotting Assistance)	82,240	263	80	E	B
OK2BFN (+ Spotting Assistance)	78,260	220	91	E	B
OK2BNF (+ Spotting Assistance)	60,444	211	73	E	B
OK1AY (+ Spotting Assistance)	59,920	226	70	E	B
OK2RVM (OK2PDU & OK6AB, ops)	58,710	252	95	E	B
OK1RR (+ Spotting Assistance)	58,504	208	71	E	B
OK2PCL (+ Spotting Assistance)	34,300	177	49	E	B
OK2SAR (+ Spotting Assistance)	1,568	31	16	E	B

### Slovakia

OM5NL	56,210	201	77	A	B
OM2DT	12,096	74	54	A	B
OM7LM	10,640	71	38	A	B
OM3CQF	7,728	83	42	A	B
OM7SR	5,600	60	25	A	B
OM2VL	1,542,260	1,842	295	A	C
OM8JP	6,992	92	38	B	A
OM7AG	32,232	159	51	C	B
OM4DN	16,940	124	35	C	B
OM3TLE	6,432	72	24	C	B
OM1TD	4,408	43	29	C	B
OM50CDN (OM3CDN, op)	3,816	54	18	C	B
OM8HG	2,688	43	16	C	B
OM3BY	1,836	27	17	C	B
OM3AG	330,864	745	113	C	C
OM4XA	154,980	371	105	C	C
OM8LA (+ Spotting Assistance)	33,288	152	57	D	C
OM0DX (+ Spotting Assistance)	79,348	240	83	E	B
OM6AL (+ Spotting Assistance)	37,120	175	58	E	B
OM7KW (+ Spotting Assistance)	10,710	105	51	E	B

### Belgium

ON6AB	261,416	480	164	A	A
OR2F	479,520	752	180	A	B
ON5WL	31,354	150	61	A	B
ON8NT	5,402	75	37	B	A
ON5EN	13,328	121	56	B	B
ON3AR	8,554	91	47	B	B
ON3ND	96,276	344	71	C	B
ON4AXU	39,744	185	54	C	B
ON4ALY	184,300	481	97	C	C
OQ5A	73,840	285	65	C	C
OQ5M (ON5ZO + Spotting Assistance)	1,060,864	1,368	256	D	C
ON7ON (+ Spotting Assistance)	11,730	100	51	D	C

OT4A (+ Spotting Assistance)  
292,314 630 129 E B  
ON5SD (+ Spotting Assistance)  
37,668 221 86 E B

**Faroe Islands**

OY9R 3,276 78 21 B B  
OY1CT 297,904 869 86 C C

**Denmark**

OZ7DK 12,546 120 51 A B  
OZ7SG 26,740 191 70 B B  
OZ9V 12,932 130 53 B B  
OZ1KVM 9,266 116 41 B B  
OZ5TL 2,600 50 26 B B  
OZ8RH 20,572 144 74 B C  
OZ1HHH 5,670 63 45 B C  
OZ8DX 140 10 7 B C  
OZ8A 7,208 55 34 C A  
OZ3EN 1,824 24 19 C A  
OZ7RQ 205,700 435 121 C B  
OZ7BQ 89,096 264 86 C B  
OZ4FF 78,996 231 87 C B  
OZ5UR 38,988 173 57 C B  
OZ1BMA 38,232 166 59 C B  
OZ1IKY 29,412 136 57 C B  
OZ1JFK 9,600 80 30 C B  
OU2I (OZ1BII, op)  
9,240 70 35 C B  
OZ1DGQ 8,540 65 35 C B  
OZ8SW 127,596 349 93 C C  
OZ3ABE 118,384 309 98 C C  
5Q2T (OZ0J & OZ5BD, ops)  
262,280 534 158 D C  
OZ1ADL (+ OZ1XJ)  
199,764 481 186 D C  
OZ1BXM (+ Spotting Assistance)  
4 1 1 E B

**Netherlands**

PD0HF 17,020 97 46 A A  
PA30LOU (PA0LOU, op)  
147,620 340 122 A B  
PA3ACA 146,816 357 148 A B  
PD5T 51,850 195 85 A B  
PC3H 20,944 141 44 A B  
PA3DAT 11,024 95 52 A B  
PA3BUD 7,684 59 34 A B  
PA0FEI 3,538 50 29 A B  
PA0SKP 192 9 6 A B  
PD0WR 9,292 103 46 A C  
PA1BX 9,176 87 37 A C  
PD1TV 13,200 123 55 B A  
PD0PMS 1,680 61 14 B A  
PC2T 61,380 334 93 B B  
PA2C 54,180 301 90 B B  
PD6W (PD0EMR, op)  
42,194 294 73 B B  
PD0ME 32,204 197 83 B B  
PE2AE 25,564 169 77 B B  
PE1FTV 22,302 178 63 B B  
PA0B 20,088 187 54 B B  
PA4HM 15,096 151 51 B B  
PA8KW 9,282 93 51 B B  
PA5VK 9,212 95 49 B B  
PA3J 5,928 76 39 B B  
PG1R 4,480 66 35 B B  
PD4M 4,158 64 33 B B

PD1EJA 2,240 56 20 B B  
PE1SBJ 1,960 51 20 B B  
PA3KC 1,020 32 17 B B  
PA0KDF 792 23 18 B B  
PF9A 550 25 11 B B  
PA0LIE 420 16 14 B B  
PA1PJ 360 15 12 B B  
PI4DX (PD2R, op)  
575,248 1,840 157 B C

PA1NHZ 163,200 691 120 B C  
PF1MO 36,960 215 88 B C  
PA0JED 48,840 191 66 C A  
PE2K 30,192 152 51 C A  
PA0RBO 14,832 105 36 C A  
PA1B 6,944 66 28 C A  
PA3ARM 99,712 304 82 C B  
PA2REH 99,264 287 88 C B  
PA2GRU 87,912 301 74 C B  
PG2AA 67,480 241 70 C B  
PA0TCA 44,616 171 66 C B  
PA0WRS 31,200 130 60 C B  
PA3ANN 29,700 148 55 C B  
PA3AQL 27,260 147 47 C B  
PA0WLB 19,008 108 44 C B  
PA5GU 10,032 76 33 C B  
PA3DBS 9,288 91 27 C B  
PA3EEG 8,700 75 29 C B  
PA2PCH 7,728 72 28 C B  
PA0RBA 6,148 58 29 C B  
PA3CWN 3,536 34 26 C B  
PA5KT 2,704 52 13 C B  
PA3AFF 1,344 24 14 C B  
PA3HBX 304 20 4 C B  
PA5WT 434,928 891 123 C C  
PE7T 93,328 312 76 C C  
PA5TT 89,072 296 76 C C  
PA0BWL 47,088 222 54 C C  
PF5X 23,560 95 62 C C  
PA0JNH 648 19 9 C C  
PA6Z (PA1HC, PA2AWU, PA4N, PA5CA, PH0AS, ops)  
1,071,104 1,274 256 D C  
PI4TUE (ON9CC, PA3GFE, PA4AO, PC5A, ops)  
1,036,128 1,239 258 D C  
PA0O (+ Spotting Assistance)  
565,432 892 161 D C  
PI4CC (PA2A, PA2EVR, PD7RB, ops)  
478,400 917 184 D C  
PA3AAV (+ Spotting Assistance)  
371,092 828 113 D C  
PA0LSK (+ Spotting Assistance)  
17,202 94 61 D C  
PA0M (+ Spotting Assistance)  
12,198 107 57 D C  
PA0QRB (+ Spotting Assistance)  
1,728 24 18 D C  
PD7BZ (+ Spotting Assistance)  
150,700 378 137 E B  
PA3EMN (+ Spotting Assistance)  
131,712 398 84 E B  
PD1RP (+ Spotting Assistance)  
121,434 555 111 E B  
PA3EVY (+ Spotting Assistance)  
102,672 291 92 E B  
PA3GVI (+ Spotting Assistance)  
101,680 315 82 E B

PA3T (+ Spotting Assistance)  
68,544 358 96 E B  
PE4BAS (+ Spotting Assistance)  
27,792 193 72 E B  
PA3ELQ (+ Spotting Assistance)  
21,450 171 65 E B  
PA1CW (+ Spotting Assistance)  
19,092 111 43 E B  
PI4ETL (+ Spotting Assistance)  
13,254 146 47 E B  
PA3HGF (+ Spotting Assistance)  
13,104 92 39 E B  
PE1OLM (+ Spotting Assistance)  
11,252 98 58 E B  
PD1B (+ Spotting Assistance)  
11,232 116 52 E B  
PA3JQD (+ Spotting Assistance)  
1,020 32 17 E B

**Slovenia**

S57S 424,860 721 194 A B  
S51F 713,184 1,003 228 A C  
S56A 698,908 937 229 A C  
S56P 200,376 763 132 B C  
S50O 97,776 521 97 B C  
S57YX 42,408 229 93 B C  
S50K 12,826 125 53 B C  
S57U 85,312 251 86 C B  
S54X 32,184 150 54 C B  
S59AA 186,624 437 108 C C  
S53M (+ Spotting Assistance)  
1,157,760 1,511 268 D C  
S57UN (+ S52ZW)  
1,015,648 1,156 272 D C  
S51DX (+ S57DX)  
924,774 1,317 237 D C  
S50XX (+ Spotting Assistance)  
68,264 325 53 E B  
S52WW (+ Spotting Assistance)  
14,448 93 56 E B  
S52W (+ Spotting Assistance)  
480 13 10 E B

**Sweden**

SM7TZK 88 6 4 A A  
SF3A (SM3CER, op)  
136,620 347 110 A B  
SM5BS 21,376 148 64 A B  
SM5DXR 17,480 117 46 A B  
SG0M 14,796 99 54 A B  
SM7RPU 5,146 53 31 A B  
SM6BZV 1,908 52 18 A B  
SE0X (SM0MDG, op)  
465,972 827 174 A C  
SF6DX (SM6FUD, op)  
222,480 513 120 A C  
SB3W (SM3RAB, op)  
206,394 595 123 A C  
SM4DQE 189,874 445 139 A C  
SM6NOC 121,618 309 119 A C  
SE5S 22,560 190 60 B B  
SM6DPB 6,786 89 39 B B  
SM5ISM 4,624 70 34 B B  
SM6USS 320 17 10 B B  
SD2G 10,680 179 30 B C  
SA6P (SA6AVB, op)  
4,526 73 31 B C  
SM6FKF 161,896 414 98 C B

SM5QU	121,344	322	96	C	B	SN5R (SP5XMU, op)					SN3C (SP3ASN, op)						
SA6G (SM6CUK, op)	110,292	280	101	C	B	SP4LVK	11,132	123	46	B	A		221,480	495	113	C	C
SI0M	58,220	209	71	C	B	SP6DVP	5,168	77	34	B	A	SP5GH	29,896	101	74	C	C
SM7CIL	15,040	94	40	C	B	SP3GXH	62,400	328	96	B	B	SN2K (SP2FWC, op)					
SE5E (SM5AJV, op)	13,884	90	39	C	B	SP5IVC	44,892	263	86	B	B		4,300	45	25	C	C
SI5Y (SM5BKK, op)	10,368	81	32	C	B	SO9C (SQ9CNN, op)	42,898	241	89	B	B	SO9Q (SP9QMP & SQ9OKB, ops)	359,270	890	185	D	C
SM0S	10,360	76	35	C	B	SP9DFH	37,268	250	77	B	B	SN2M (SP2XF + Spotting Assistance)	14,300	105	50	D	C
SM5KQS	7,548	51	37	C	B	SN8B	36,498	239	77	B	B	SQ8MFB (+ Spotting Assistance)	5,610	88	33	E	A
SM6NET	3,888	39	27	C	B	SP5X	16,200	138	60	B	B	SP2MKT (+ Spotting Assistance)	61,884	207	81	E	B
SF0D (SM0DSF, op)	2,560	41	16	C	B	SQ4G	13,432	151	46	B	B	SQ9FMU (+ Spotting Assistance)	57,996	198	81	E	B
SM7HVQ	988	19	13	C	B	SP8DIP	7,744	90	44	B	B	SP6FX (+ Spotting Assistance)	42,174	153	71	E	B
SM0Y (SM0OY, op)	936	19	13	C	B	SP9CLO	7,290	83	45	B	B	SP1MHZ (+ Spotting Assistance)	35,420	140	70	E	B
SM3PHM	413,364	725	147	C	C	SP6NVK	7,062	108	33	B	B	SP1RKR (+ Spotting Assistance)	27,636	154	49	E	B
SM5IMO	306,516	630	123	C	C	SP9BGS	6,804	83	42	B	B	SP2DKI (+ Spotting Assistance)	14,880	88	48	E	B
SM6CMU	75,456	265	72	C	C	SP1FRC	5,390	81	35	B	B	SP3JIA (+ Spotting Assistance)	12,040	91	35	E	B
SE2I	72,000	245	75	C	C	SP4SHD	4,964	73	34	B	B	SQ6PWJ (+ Spotting Assistance)	10,300	104	50	E	B
SA1A (SM1TDE, op)	28,704	141	52	C	C	SQ7OTA	3,604	53	34	B	B	SP7LIE (+ Spotting Assistance)	9,280	80	29	E	B
SM6JCC	26,928	109	66	C	C	SP4CUF	3,174	71	23	B	B	SP6MQO (+ Spotting Assistance)	6,832	61	28	E	B
SK3GM (SM3UZS & SM3VAC, ops)	931,840	1,172	256	D	C	SP7DSI	2,250	45	25	B	B	SN9N (SQ9ZM + Spotting Assistance)	5,880	63	30	E	B
SK7OA (SG7A & SM7LXV, ops)	343,224	838	189	D	C	SQ5STN	1,820	36	26	B	B	SO8W (+ Spotting Assistance)	5,616	53	27	E	B
SK2T (SM2LIY + Spotting Assistance)	243,412	438	151	D	C	SQ1RMM	1,450	29	25	B	B	SQ9IAU (+ Spotting Assistance)	3,432	40	22	E	B
8S0C (SM0MPV + Spotting Assistance)	163,872	573	144	D	C	SP9BMH	308	14	11	B	B	SP6PYP (+ Spotting Assistance)	680	17	17	E	B
SM5COP (+ Spotting Assistance)	159,460	337	119	D	C	SP5IKO	32	4	4	B	B	SQ6PPI (+ Spotting Assistance)	504	23	12	E	B
SM5CEU (+ Spotting Assistance)	123,200	442	140	D	C	SP6HDS	18	3	3	B	B	<b>Greece</b>					
SM7GIB (+ Spotting Assistance)	18,648	76	63	D	C	SP5BYC	8	2	2	B	B	SV1JG	242,372	663	118	A	B
SM5CNQ (+ Spotting Assistance)	13,348	76	47	D	C	SP9KDA (SP6-8522, op)	28,728	197	76	B	C	SV0XCC	37,312	255	53	A	B
SM5CZQ (+ Spotting Assistance)	2,880	39	20	D	C	SP5GMM	26,406	163	81	B	C	SV2YC	26,554	188	71	B	B
SM5EPO (+ Spotting Assistance)	2,520	35	18	D	C	SQ6R	17,110	146	59	B	C	SV3GKU	42,048	291	73	B	C
SM0A (SM0AIG + Spotting Assistance)	166,824	392	126	E	B	SP7BCA	45,872	195	61	C	A	SV0XBZ (YL2VW, op)	300,664	773	98	C	B
SA3V (SA3ARL + packet)	28,864	177	82	E	B	SP2DNI	22,344	115	49	C	A	SV8GKE	149,040	552	69	C	B
SH0G (+ Spotting Assistance)	21,804	159	69	E	B	SP4GFG	10,560	88	30	C	A	SV1BJW (+ Spotting Assistance)	385,452	650	166	D	C
<b>Poland</b>						SP6JOE	400	10	10	C	A	SZ1A (SV1DPI, SV1CIB, SV1DPJ, SV1HKH, SV1UK, SV1SN, SV1CQG, SV1CQK, SV2HQL, SV1HKZ, SV1HLB, ops)	382,136	824	148	D	C
SP3PL	73,632	207	118	A	A	SP1NY	386,888	712	137	C	B	SV1NK (+ Spotting Assistance)	16,704	179	48	E	A
SO1D (SP1JPQ, op)	8,118	68	41	A	A	SP1DPA	225,336	462	123	C	B	SV1HKD (+ Spotting Assistance)	13,770	105	45	E	B
SP6IHE	5,396	46	38	A	A	SP9MZH	100,068	282	93	C	B	<b>Dodecanese</b>					
SP7SZC	1,890	34	21	A	A	SP5AUY	88,644	253	89	C	B	SV5DKL (+ Spotting Assistance)	5,110	74	35	D	C
SP6MLX	91,962	273	117	A	B	SP9H	81,744	268	78	C	B	<b>Crete</b>					
SP8CGU	82,616	259	92	A	B	SQ9BDN	59,100	207	75	C	B	SV9AHZ	153,660	553	130	A	C
SP9IBJ	26,448	138	57	A	B	SN5J (SP5JXK, op)	39,380	185	55	C	B						
SP1GZF	12,862	88	59	A	B	SN9I (SP9EMI, op)	33,360	140	60	C	B						
SO5S	5,704	67	31	A	B	SP3DOF	32,928	149	56	C	B						
SQ8LSC	3,960	58	33	A	B	SP9CXN	19,400	97	50	C	B						
SP9LJD	712,192	1,334	208	A	C	SP5CNA	19,208	99	49	C	B						
SQ9UM	578,692	969	199	A	C	SQ5JUP	16,856	101	43	C	B						
SN3X	401,212	732	178	A	C	SP2MHC	8,844	74	33	C	B						
SP1RKT	238,402	467	199	A	C	HF9Y (SP9BRP, op)	7,056	66	28	C	B						
						SP2FOV	5,600	56	25	C	B						
						SP3AZO	2,800	29	25	C	B						
						SP2FAP	2,176	34	16	C	B						
						SP4CQU	1,368	24	19	C	B						
						SP2HMN	1,280	23	16	C	B						
						SP5BMU	400	20	5	C	B						
						SP9W	360	11	9	C	B						
						SP3RNZ	382,976	718	136	C	C						
						SN7O (SP7IVO, op)	336,384	661	128	C	C						
						SP2JMB	314,160	674	119	C	C						
						SP2LNW	302,260	638	119	C	C						
						SO4R (SP4JCP, op)	285,224	720	101	C	C						

SV9COL	45,752	170	86	A	C	UA6AES	146,880	620	108	A	C	RA4ACX	89,440	346	65	C	B
<b>San Marino</b>						RQ5D (RX3F, op)						RV6LX	74,360	293	65	C	B
T77NM (+ IK4DCX & IZ4AKS)							108,864	351	112	A	C	RK1NA	56,580	210	69	C	B
	972,726	1,778	223	D	C	RV3A	103,240	280	116	A	C	RK6HG	52,704	189	72	C	B
<b>Iceland</b>						UA4NCI	94,276	381	91	A	C	RU3FT	51,072	172	76	C	B
TF3HP	156	13	6	B	B	RX6AM	91,368	312	81	A	C	UA4HJ	48,384	220	56	C	B
TF3Y	586,752	1,156	128	C	C	R3AT	48,638	166	83	A	C	RA6C	46,512	211	57	C	B
TF3W (TF3DC, op)						RW4NN	36,260	220	74	A	C	RA6HSM	43,052	231	47	C	B
	25,568	138	47	C	C	UA4NC	18,900	149	63	A	C	R1TEU	37,632	198	48	C	B
TF3AO (+ Spotting Assistance)						RJ4F	13,764	101	37	A	C	RU3DU	32,944	145	58	C	B
	13,760	173	40	D	C	R3LA	10,282	59	53	A	C	RN3ADV	32,832	144	57	C	B
<b>Corsica</b>						UA3TW	8,960	80	28	A	C	RA5FB	31,752	168	49	C	B
TK4LS	105,994	473	113	B	B	RV3IC	8,214	59	37	A	C	R3OM	29,568	169	44	C	B
TK5KP (TK5EP & TK5MH, ops)						RA1QY	7,056	50	36	A	C	RA6WF	26,880	163	42	C	B
	1,721,970	2,159	285	D	C	UA4ACP	7,004	104	34	A	C	UA6HFI	23,220	130	45	C	B
<b>Kaliningrad</b>						RN1NW	4,030	42	31	A	C	R4WT	23,064	187	31	C	B
RA2FB	20,832	134	48	A	A	RA3IS	1,216	22	19	A	C	RA1TV	22,736	99	58	C	B
RN2FQ	17,604	101	54	A	C	R7NA	100,416	527	96	B	A	R1AUR	22,272	118	48	C	B
UA2FL	215,904	523	104	C	B	R2AD	29,952	289	52	B	A	RD3TOK	21,840	138	42	C	B
RV2FW	15,664	91	44	D	C	R7MX	15,974	170	49	B	A	UA3DCM	20,976	140	38	C	B
<b>European Russia</b>						RX3AU	1,628	37	22	B	A	UA4QK	20,500	131	41	C	B
RT4W	65,846	262	73	A	A	RW1CW	95,444	448	107	B	B	RV1CC	19,360	89	55	C	B
RW3AI	15,312	110	44	A	A	RU3FN	77,744	454	86	B	B	RA4FW	18,880	121	40	C	B
RX1CQ	8,346	75	39	A	A	RL3AW	63,420	305	105	B	B	UA4UAR	18,228	96	49	C	B
UB1ACM	128	9	8	A	A	RL6LP	34,844	285	62	B	B	R2LA	18,204	127	37	C	B
UB1ACP	84	8	6	A	A	RA3RBL	29,682	294	51	B	B	RU4LM	16,800	101	42	C	B
UB1ACN	40	6	4	A	A	RN3ZC	26,208	242	56	B	B	RZ3DC	16,016	91	44	C	B
RL6M	579,006	1,085	171	A	B	RV1CB	26,080	164	80	B	B	UA4PL	15,104	122	32	C	B
RA1AL	480,110	773	205	A	B	UA3OQ	24,072	206	59	B	B	RA6FUZ	14,000	102	35	C	B
RU4SO	377,720	847	142	A	B	RZ3DW	18,928	185	52	B	B	RA4HPI	13,464	102	34	C	B
RM5D	364,142	782	163	A	B	RA3DGH	16,720	220	38	B	B	RN3DKE	13,224	87	38	C	B
RX3ZX	185,000	463	125	A	B	R4HR	4,980	89	30	B	B	UA4PAQ	12,960	111	30	C	B
RN4SN	129,844	393	143	A	B	RZ3DN	2,640	47	30	B	B	RA3EC	12,672	75	44	C	B
RD4F	76,896	269	89	A	B	RA3YDA	768	24	16	B	B	R7NK	12,320	70	44	C	B
UA4CNJ	76,504	294	73	A	B	RC5A (@ RM5A)						UA4FDL	12,000	77	40	C	B
R3LC	52,560	256	73	A	B		327,608	1,332	124	B	C	R7MT	11,340	82	35	C	B
UB3DAO	46,904	189	82	A	B	RV6FA	112,000	708	80	B	C	RX3AGQ	11,040	94	30	C	B
RV4LC	40,040	160	70	A	B	RZ1ZZ	111,672	605	94	B	C	RV3MR	9,656	76	34	C	B
RA3BQ	33,360	139	60	A	B	UA3VFS	94,162	532	89	B	C	RA6AN	6,656	53	32	C	B
RA6YJ	30,104	115	71	A	B	RW3DU	51,168	331	78	B	C	RD3TF	5,520	46	30	C	B
RW3PF	29,886	191	51	A	B	U1BD	36,540	268	70	B	C	RD4AF	4,480	40	28	C	B
RM4HW	29,328	160	52	A	B	UA3QNS	1,276	29	22	B	C	RX3VF	4,128	44	24	C	B
RU3VV	14,490	108	45	A	B	RU7A	126,080	396	80	C	A	UA4ANZ	3,040	41	20	C	B
RW3LL	11,342	70	53	A	B	UA6LCJ	85,008	309	69	C	A	RA4LK	2,436	29	21	C	B
RX6LOL	10,464	72	48	A	B	UA6AK	58,500	202	75	C	A	RU4CO	1,680	29	15	C	B
RA6AAW	9,540	65	45	A	B	RY3F	41,172	221	47	C	A	UA4RW	1,488	32	12	C	B
UA1AFT	5,920	44	40	A	B	RV3DBK	32,384	188	44	C	A	RD3QA	440	11	10	C	B
RW3VM	5,808	45	33	A	B	RN4AO	31,504	194	44	C	A	RA3SS	288	9	8	C	B
UA1CUR	5,640	50	30	A	B	UA1CEG	8,120	74	29	C	A	RU3MS	36	3	3	C	B
RU6HL	4,288	46	32	A	B	R3QA	270,824	701	97	C	B	UA4PCM	0	1	1	C	B
RA4FP	1,840	26	23	A	B	RL3KQ	227,712	599	96	C	B	RT4F (UA4FER, op)					
UA6JFG	234	9	9	A	B	RA1OT	211,988	795	67	C	B		796,672	1,566	128	C	C
RA4UAT	0	0	0	A	B	RK4FF	210,144	598	88	C	B	RA7A	447,480	1,042	110	C	C
R5AJ	689,700	1,128	209	A	C	RO5O	174,964	534	83	C	B	R3ZZ	446,568	825	138	C	C
UA6AA	600,210	965	195	A	C	RN6MA	174,944	569	77	C	B	RA4S	421,612	973	109	C	C
R3KM	587,388	1,090	186	A	C	UA3RF	173,712	567	77	C	B	RK3SWB	389,580	767	129	C	C
R7HF	340,308	780	137	A	C	RA3AN	172,040	515	85	C	B	RC7A	333,744	825	102	C	C
RG3K	315,100	728	137	A	C	RW1AM	169,276	423	101	C	B	UC7A	312,420	640	123	C	C
RM3A (RN3AC, op)						RG5A	164,528	374	113	C	B	RZ3VA	239,168	592	101	C	C
	311,454	909	121	A	C	RN4CU	151,704	450	86	C	B	RK3ER	183,416	470	101	C	C
RO3DX	277,890	571	157	A	C	R4WAA	138,320	536	65	C	B	RA1QD	154,752	409	96	C	C
R7FF	223,774	531	127	A	C	RV3ZN	127,664	407	79	C	B	R3RK	128,448	449	72	C	C
RC3W (RA3WJ, op)						UA3ABJ	125,216	347	91	C	B	UA3QGT	101,200	258	100	C	C
	176,122	546	107	A	C	UC6A	121,344	317	96	C	B	RW4AD	95,040	444	54	C	C
						RD3PX	113,128	361	79	C	B	RA3NC	92,700	314	75	C	C
						RV3LO	106,784	286	94	C	B	UA3AMZ	82,472	347	61	C	C
						RM5Z	92,664	292	81	C	B	RT3N	69,300	275	63	C	C

RA6XV	44,092	168	73	C	C	UA6LCN (+ Spotting Assistance)				UZ5I (UY6IM, op)								
RW4FE	27,360	123	57	C	C		129,720	259	141	E	B		447,618	786	183	A	B	
RV3TG	22,680	128	45	C	C	RT3D (+ Spotting Assistance)						UW8SM	434,582	680	197	A	B	
RM5O	17,600	112	40	C	C		125,426	335	119	E	B	UT3UZ	152,222	365	131	A	B	
RM4R	17,296	97	46	C	C	RO1B (+ Spotting Assistance)						UY1HY	88,128	246	108	A	B	
RZ3BW	8,024	60	34	C	C		122,400	305	102	E	B	UT1IM	83,520	301	90	A	B	
RN3BO	2,312	35	17	C	C	RN4AM (+ Spotting Assistance)						UU2JA	47,560	181	82	A	B	
RW3VA	336	15	6	C	C		115,230	360	115	E	B	UT7LW	40,716	149	78	A	B	
RL3A (R3DCX, RT3DX, UA3ASZ, RZ3RX, R3CM, RL3FT, UB4FAB, ops)	1,832,142	2,085	283	D	C	UA4FCO (+ Spotting Assistance)						UT4UB	37,400	165	68	A	B	
RN3F (RA1ZZ, RK3AW, RK3FM, RK3FT, RK3QS, RW3F, ops)	1,262,436	1,548	266	D	C		100,352	257	98	E	B	UT4XU	35,620	173	65	A	B	
UA5A (UA5C, RD3A, UA5F, ops)	964,376	1,241	238	D	C	RD1A (+ Spotting Assistance)						UX7FC	23,184	112	56	A	B	
UA4HOX (+ Spotting Assistance)	752,146	1,185	197	D	C		93,922	195	151	E	B	US6CQ	21,060	113	54	A	B	
RT3T (+ Spotting Assistance)	603,820	1,147	133	D	C	RU3DM (+ Spotting Assistance)						UY5AR	17,340	107	51	A	B	
RN7F (+ Spotting Assistance)	502,524	987	162	D	C		92,400	278	84	E	B	UT1AA	17,220	106	42	A	B	
RZ4FWW (RK4FL + ops)	457,254	863	171	D	C	RM6J (+ Spotting Assistance)						UX6IB	9,920	71	40	A	B	
RY7G (+ Spotting Assistance)	416,928	811	129	D	C		75,000	253	75	E	B	US5EEK	2,784	34	24	A	B	
RQ7M (+ Spotting Assistance)	388,652	904	146	D	C	RA3TT (+ Spotting Assistance)						UW1M (UR5MW, op)	1,331,652	1,843	249	A	C	
RZ4PWL (RW4PL & RU4PU, ops)	370,328	881	119	D	C		73,224	227	81	E	B	UW5Q (UR3QCW, op)	959,500	1,164	250	A	C	
RW4W (+ Spotting Assistance)	232,064	593	98	D	C	UA3AKI (+ Spotting Assistance)							959,500	1,164	250	A	C	
RM2U (RU3UR + Spotting Assistance)	145,376	414	112	D	C		59,280	239	65	E	B	UZ0U (UY5ZZ, op)	786,352	1,083	238	A	C	
RU3UN (+ Spotting Assistance)	86,456	205	107	D	C	R2SA (+ Spotting Assistance)							UT7EZ	52,598	166	91	A	C
RV4CT (+ Spotting Assistance)	82,224	422	72	D	C		41,952	211	57	E	B	UT6EE	23,940	119	70	A	C	
R7BN (+ Spotting Assistance)	69,388	420	83	D	C	UA3DUJ (+ Spotting Assistance)						UR4IOR	20,700	109	50	A	C	
RC6U (+ Spotting Assistance)	69,264	447	78	D	C		38,252	176	73	E	B	UY8IO	12,446	68	49	A	C	
RZ3DX (+ Spotting Assistance)	43,992	145	78	D	C	RW6AH (+ Spotting Assistance)						UU9JH	11,832	102	29	A	C	
RX6MR (+ Spotting Assistance)	38,056	135	71	D	C		33,390	189	45	E	B	US5IND	7,128	99	36	B	A	
UA3RC (+ Spotting Assistance)	7,488	79	24	D	C	RZ3AUL (+ Spotting Assistance)						UX0ZAB	2,378	43	29	B	A	
R7GX (+ Spotting Assistance)	5,148	52	26	D	C		29,264	119	62	E	B	US5ZE	1,140	39	15	B	A	
UA3EAY (+ Spotting Assistance)	3,240	32	30	D	C	UA3RW (+ Spotting Assistance)						UX7MB	64,800	464	72	B	B	
RO1A (RO1A Team)	1,116	32	18	D	C		21,240	122	45	E	B	UT7EW	50,560	401	64	B	B	
RL3QCQ (+ Spotting Assistance)	896	19	14	D	C	RW6MBC (+ Spotting Assistance)						UR6LEY	46,136	319	73	B	B	
RW6HJV (+ Spotting Assistance)	86,900	311	79	E	A		20,832	125	42	E	B	UR8QR	35,784	285	63	B	B	
RT7D (R6CD & RA6DE, ops)	285,600	788	150	E	B	UA6YH (+ Spotting Assistance)						UR5ETN	28,304	234	61	B	B	
UA4ALI (+ Spotting Assistance)	259,080	646	102	E	B		20,056	109	46	E	B	UT3QD	27,540	257	54	B	B	
RK4YYY (RM4Y + Spotting Assistance)	241,956	508	141	E	B	RK4YJ (+ Spotting Assistance)						UY2UQ	12,400	127	50	B	B	
RA4WC (+ Spotting Assistance)	152,000	352	125	E	B		18,748	112	43	E	B	UT5JCE	11,070	139	41	B	B	
						RA6AR (+ Spotting Assistance)						UR5WHQ	8,550	96	45	B	B	
							16,704	100	58	E	B	UV5EEO	6,840	96	36	B	B	
						UA3PC (+ Spotting Assistance)						UR7CT	6,708	79	43	B	B	
							10,032	78	33	E	B	US5RCW	3,060	54	30	B	B	
						RN3FT (+ Spotting Assistance)						UR5UEG	2,728	62	22	B	B	
							8,918	69	49	E	B	UR7IYI	1,102	30	19	B	B	
						R6CW (+ Spotting Assistance)						UR5RP	616	23	14	B	B	
							7,380	54	41	E	B	UT4MW	140	10	7	B	B	
						UA4AN (+ Spotting Assistance)						UY7MM	279,720	1,309	108	B	C	
							6,072	69	23	E	B	US1I (UX2IO, op)	276,120	1,079	130	B	C	
						R3QF (+ Spotting Assistance)							181,864	729	127	B	C	
							5,160	44	30	E	B	UX0RR	70,272	369	96	B	C	
						RT1A (+ Spotting Assistance)						UX5IO	15,158	146	53	B	C	
							3,200	40	20	E	B	US5VX	104,580	318	83	C	A	
						RK6CM (+ Spotting Assistance)						UX5UU	36,600	185	50	C	A	
							1,800	25	18	E	B	UU7JF	11,136	97	29	C	A	
						RV3YR (+ Spotting Assistance)						UU9JQ	4,928	47	28	C	A	
							1,120	23	20	E	B	UT3EK	3,680	48	20	C	A	
						RW4NH (+ Spotting Assistance)						UR2VA	228,480	481	119	C	B	
							960	18	15	E	B	US0HZ	188,448	456	104	C	B	
						RL3FA (+ Spotting Assistance)						UR3LQ	165,600	467	92	C	B	
							432	12	12	E	B	UU0J (UU5JW, op)	133,856	382	89	C	B	
						RU3UA (+ Spotting Assistance)						UW7F (UR5FEO, op)	117,552	319	93	C	B	
							96	6	4	E	B	UT1XX	106,904	328	83	C	B	
						<b>Ukraine</b>						UT7LA	94,944	276	86	C	B	
						UX1UX	116,340	319	105	A	A							
						UX8ZA	84,660	282	85	A	A							
						UZ5Q (UY5QZ, op)	16,000	92	50	A	A							
						UR5AS	8,836	94	47	A	A							

US8UA	90,480	265	87	C	B	UY1U (+ Spotting Assistance)				YO5QAW	43,616	235	94	B	C				
UX7FD	80,896	261	79	C	B		53,900	175	77	E	B	YO9IKW	19,584	147	68	B	C		
US7IA	77,352	298	66	C	B	UT8IM (+ Spotting Assistance)				YO4AUP	17,400	146	60	B	C				
UY5TE	71,288	269	67	C	B		50,400	178	72	E	B	YO8DDP	79,800	267	75	C	A		
UR5FA	58,740	165	89	C	B	UT9FJ (+ Spotting Assistance)				YO4ATW	39,120	167	60	C	A				
UT7QB	52,800	222	60	C	B		48,384	145	84	E	B	YO9HG	36	3	3	C	A		
UT2HM	46,200	180	66	C	B	UU2J (+ Spotting Assistance)				YO3ND (YRØHQ, op)		155,364	374	107	C	B			
UT2QQ	45,828	211	57	C	B		44,472	220	51	E	B	YO4RDW	98,276	317	79	C	B		
UT2IV	44,400	153	74	C	B	UZ7U (+ Spotting Assistance)				YO4SI	88,888	274	82	C	B				
UR9LD	39,600	201	50	C	B		43,920	182	61	E	B	YO8DOH	39,528	183	54	C	B		
UR5LJD	30,544	172	46	C	B	UU2JG (+ Spotting Assistance)				YO9AGI	35,264	158	58	C	B				
UT5CY	29,568	174	44	C	B		37,440	135	78	E	B	YO5CRQ	31,784	137	58	C	B		
UY3QT	28,400	150	50	C	B	UR5IHQ (+ Spotting Assistance)				YO2ARV	29,232	139	58	C	B				
UR5KED	27,376	119	59	C	B		17,424	123	36	E	B	YO5NY	24,384	131	48	C	B		
UU1JE	26,000	131	50	C	B	UR3LPM (+ Spotting Assistance)				YO5OLD	24,288	135	46	C	B				
UR5EFL	24,472	136	46	C	B		14,534	109	43	E	B	YO9FYP	21,240	119	45	C	B		
UX7LL	23,980	112	55	C	B	UR3QNZ (+ Spotting Assistance)				YO4MM	18,860	115	41	C	B				
UU7JN	22,600	130	50	C	B		13,708	159	46	E	B	YO3FOM	14,580	84	45	C	B		
UR5VR	18,624	97	48	C	B	US5LO (+ Spotting Assistance)				YO3FRI	12,784	98	34	C	B				
UT3QU	17,748	87	51	C	B		1,620	27	15	E	B	YO8TU	9,216	85	32	C	B		
UT5UX	16,400	102	41	C	B	<b>Latvia</b>				YO7AWZ	8,060	68	31	C	B				
UR5FCM	7,744	88	22	C	B	YL2TB	56,160	181	80	A	B	YO7AHR	1,248	24	13	C	B		
UR7VA	7,176	46	39	C	B	YL3GIR	1,680	37	24	A	B	YR1C (YO4NA & YO9GZU, ops)		980,840	1,152	226	D	C	
UR5EIT	3,920	50	20	C	B	YL2BJ	165,600	433	120	A	C	YQ6A (YO6BHN + Spotting Assistance)		561,168	826	216	D	C	
US3ITA	3,700	42	25	C	B	YL7X (YL2LY, op)					YP8T (YO4RIU + Spotting Assistance)		248,880	921	136	D	C		
UV5QQ	784	15	14	C	B	YL2IP	74,400	187	120	A	C	YR2X (YO2LEA, YO2LZO, YO2MIA, ops)		123,336	313	108	D	C	
UW5IM	389,136	821	121	C	C	YL2GUV	48,412	161	91	A	C	YP2U (YO2NAA + Spotting Assistance)		27,000	125	54	D	C	
UT5EO	351,664	736	124	C	C	YL3AGV	29,796	197	78	B	B	YRØW (+ Spotting Assistance)		13,104	100	42	D	C	
UR8RF	101,376	291	88	C	C	YL2CV	10,856	119	46	B	B	YO2MFC (+ Spotting Assistance)		3,186	36	27	D	C	
UR7QC	92,160	291	80	C	C	YL3DX	153,200	385	100	C	B	YO8WW (+ Spotting Assistance)		85,608	251	87	E	A	
UTØRM	85,680	265	85	C	C	YL2PJ	65,408	227	73	C	B	YO4AAC (+ Spotting Assistance)		17,548	129	41	E	A	
UY2ZZ	65,700	231	73	C	C	YL2NK	32,332	138	59	C	B	YR1A (YO3JR, YO3HA, YO3JOS, ops)		182,784	443	128	E	B	
UR4EI	46,848	193	61	C	C	YL2IS	31,088	138	58	C	B	YO4DW (+ Spotting Assistance)		114,742	286	103	E	B	
UT2UB	14,256	82	44	C	C	YL2PN	640	20	8	C	B	YO5OHO (+ YO5PHU)		51,520	185	70	E	B	
UU7J (UU1AZ & UUØJM, ops)						YL2KO	432	12	9	C	B	YO5OAG (+ Spotting Assistance)		48,048	172	84	E	B	
UX4U (+ Spotting Assistance)	1,974,560	2,307	301	D	C	YL2PP (+ Spotting Assistance)	34,272	170	51	C	C	YO5OBA (+ Spotting Assistance)		38,930	230	85	E	B	
UT7E (UV5EOZ, UT8EU, UT4EO, ops)						YL9T (YL2TW + Spotting Assistance)		159,016	295	139	D	C	YR5T (YO5CBX + Spotting Assistance)		23,956	114	53	E	B
UT5UDX (+ Spotting Assistance)						YL2HK (+ Spotting Assistance)		85,120	268	80	D	C	YO6KNY (+ Spotting Assistance)		20,862	115	57	E	B
UV5U (UX1UA + Spotting Assistance)						<b>Romania</b>		18,988	107	47	E	B	YO3APJ (+ Spotting Assistance)		10,998	76	47	E	B
UX1UF (+ Spotting Assistance)						YO9BXC	13,442	110	47	A	A	YO5FMT (+ Spotting Assistance)		10,856	110	46	E	B	
UWØL (UR5LJC, UXØLC, US2LX, ops)						YO5ALI	141,276	334	122	A	B	YO3JW (+ Spotting Assistance)		3,968	56	32	E	B	
UU4JC (+ Spotting Assistance)						YO9FLD	30,528	185	72	A	B	YO5TP (+ Spotting Assistance)		3,078	60	27	E	B	
UT2UU (+ Spotting Assistance)						YO8BDQ	11,264	76	44	A	B	<b>Serbia</b>							
UR5IFB (+ Spotting Assistance)						YO2CMI	2,496	31	26	A	B	YU2A	239,642	417	169	A	B		
UR5EPG (+ Spotting Assistance)						YO9HP	854,186	1,117	239	A	C	YT3H	31,088	125	67	A	B		
UR5IFX (+ Spotting Assistance)						YO6XK	27,872	211	67	B	B								
UT4FJ (+ Spotting Assistance)						YO8SGN	24,576	199	64	B	B								
UZ2Q (UR6QS, UT1QQ, US3QW, ops)						YO8RZJ	22,578	216	53	B	B								
US7IY (+ Spotting Assistance)						YO2MKT	17,040	143	60	B	B								
UY2IG (+ Spotting Assistance)						YO4FKO	15,504	138	57	B	B								
						YO9HOW	12,314	131	47	B	B								
						YO3HBK	8,092	119	34	B	B								
						YO4RST	7,220	96	38	B	B								
						YO5ORW	2,408	44	28	B	B								
						YO4US	2,232	64	18	B	B								
						YO2MLM	1,536	32	24	B	B								
						YO5CCQ	1,408	44	16	B	B								
						YO5BMT	1,044	33	18	B	B								
						YO5OHB	650	25	13	B	B								
						YO2MIZ	360	20	9	B	B								
						YO3CZW	245,220	1,012	122	B	C								
						YO3RU	69,954	397	89	B	C								



YU1B (YU1JB, op)	8,000	102	40	B	A
YU5EQP	11,900	128	50	B	B
YT0W (YU1JW, op)	81,536	455	91	B	C
YU1LM	3,784	44	22	C	A
YT9A	662,088	1,132	147	C	B
YU5ZM	261,500	536	125	C	B
YU7KM	76,368	265	74	C	B
YT1Q	48,240	205	60	C	B
YU7FN	27,648	129	54	C	B
YU8NU	25,000	127	50	C	B
YU1TY	20,400	116	51	C	B
YT2U	1,360	20	17	C	B
YT5W (YU8A, op)	720,328	1,365	133	C	C
YT0Z (YU1ZZ, op)	708,564	1,313	137	C	C
YT1T	250,432	622	104	C	C
YT2AA	40,820	157	65	C	C
YU1M (YU1MM, op)	23,688	127	47	C	C
YU1KT (+ Spotting Assistance)	8,576	68	32	E	A
YT2F (YU1FG, YU1VG, YU1GV, YU2FG, ops)	764,568	975	222	E	B
YT0A (YT1CI & YU1XX, ops)	377,060	626	170	E	B
YU7W (YT7KM + ops)	153,472	357	109	E	B
YT4B (+ Spotting Assistance)	68,264	254	92	E	B
<b>Macedonia</b>					
Z35F	59,280	256	60	C	B
Z35X	61,184	241	64	C	C
<b>Albania</b>					
ZA/IW2JOP	5,600	57	50	B	B
<b>North America</b>					
<b>Cuba</b>					
CO6LC	324,104	1,407	116	B	B
CM8AKD	284,160	1,289	111	B	B
CO8ZZ	391,288	1,663	118	B	C
CO2CW (+ CO2WF)	567,580	1,118	185	E	B
CO8CY (+ CM8WAL)	376,992	881	153	E	B
<b>Guadeloupe</b>					
FG1PP	7,400	69	37	A	B
FG4NO	100,200	510	100	B	B
<b>Martinique</b>					
FM5CD	9,408	53	48	A	C
FM5AN	85,478	544	79	B	C
FM/F6AUS	380,600	879	110	C	B
<b>Dominican Republic</b>					
HI3TEJ	790,152	3,008	132	B	B
<b>Panama</b>					
HP3FTD	8,120	90	35	A	B
<b>Grenada</b>					
J39BS	286,760	673	107	C	B

<b>St. Lucia</b>					
J68UN	267,120	1,094	120	A	B
<b>Virgin Islands</b>					
KP2A (KW8N, op)	1,341,248	4,436	152	B	C
KP2MM (N2TTA, op)	730,592	1,368	136	C	B
KP2/K9MA	153,216	403	96	C	B
KP2B (+ Spotting Assistance)	297,850	702	161	E	B
<b>Puerto Rico</b>					
NP3CW	95,550	286	105	A	B
KP4KE	282,274	1,262	113	B	A
KP4RV	42,336	298	72	B	B
WP3GW	22,686	204	57	B	B
KH2RU/KP4	14,352	197	39	B	B
NP3OD	950	26	19	B	B
KP4JRS	36,994	353	53	B	C
NP4Z (+ Spotting Assistance)	1,996,400	2,811	248	D	C
<b>Guatemala</b>					
TG9ANF	266,304	1,394	96	B	A
TG9AJR (+ Spotting Assistance)	6,308	83	38	E	B
<b>Costa Rica</b>					
TI5N (TI5KD & N2BA, ops)	2,565,348	2,709	313	E	B
<b>Antigua &amp; Barbuda</b>					
V25R (K6IF, op)	1,127,232	3,731	152	B	C
<b>Turks &amp; Caicos Islands</b>					
VP5CW (W5CW, op)	1,661,868	2,611	201	A	C
<b>El Salvador</b>					
YS1GR (+ Spotting Assistance)	62,400	201	78	E	B
<b>Cayman Islands</b>					
ZF2AH	1,506,816	2,695	218	A	C
<b>Oceania</b>					
<b>East Malaysia</b>					
9M6YBG	237,390	691	123	A	C
9M6XRO	67,782	230	79	A	C
9W6ZAM	120	10	6	B	B
9M6DXX	63,656	438	73	B	C
<b>Philippines</b>					
DU7HF	2,736	42	24	A	B
DU1AV	50,176	401	64	A	C
DU1EV	15,900	114	50	A	C
DU1IVT	108,080	779	70	B	B
DU1LC	30,702	304	51	B	B
DU1JI	3,780	105	18	B	B
DV1/JO7KMB	137,632	520	68	C	B
DU1/JJ5GMJ (+ Spotting Assistance)	68,970	322	55	D	C
<b>Guam</b>					
NH2DX (KG6DX, op)	1,640,640	2,385	240	A	C
KH2JU	210,420	1,009	105	B	C

NH2T (N2NL, op)	502,680	1,077	118	C	C
<b>Palau</b>					
T88WJ	26,400	204	66	B	C
T88TW	8,500	96	25	C	B
<b>Micronesia</b>					
V63QQ (KL7MF & K7JA, ops)	590,006	1,103	157	E	B
<b>Brunei</b>					
V85ZX	288	19	8	B	B
<b>Australia</b>					
VK4CT (VK4EMM, op)	1,470,016	1,838	223	A	C
VK4UC	171,936	527	144	A	C
VK4ATH	21,080	156	68	B	A
VK4LAT	261,632	1,035	128	B	B
VK4NDX	25,668	191	69	B	B
VK2HBG	7,120	91	40	B	B
VK4BAA	6,624	95	36	B	B
VK5AKH	3,190	55	29	B	B
VK4FJAM	986	29	17	B	B
VK6GD	504	18	14	B	B
VK4FATT	336	14	12	B	B
VK3AVV	37,556	234	82	B	C
VK3GK	36,656	232	79	B	C
VK4GH	4,320	56	40	B	C
VK2BO	1,406	38	19	B	C
VK2PN	90,000	307	75	C	B
VK4TT	46,176	148	78	C	B
VK3FM	27,940	128	55	C	B
VK4DX	17,908	122	37	C	B
VK4IU	32,648	158	53	C	C
VK4WIL (VK4HS, VK4MN, VK4QH, VK4SN, ops)	1,321,672	1,857	253	D	C
VK2GGC (VK2SJK, VK2MOR, VK2ZMT, ops)	156,468	671	118	D	C
VK4IZ (VK4DJH, VK4PDR, VK4TJF, VK4NUT, ops)	72,590	348	85	E	B
<b>Indonesia</b>					
YC1BJX	154	11	7	A	B
YB0NSI	9,620	134	37	B	A
YC0OHG	2,744	53	28	B	A
YB1AR	87,660	511	90	B	B
YB1BGI	7,216	90	41	B	B
YC2FAJ	2,726	49	29	B	B
YB2ECG	2,184	53	21	B	B
YC1ELI	64	8	4	B	B
YB1UUN	8	4	1	B	B
YB1ALL	277,248	735	96	C	B
YD1XUH	21,528	142	39	C	B
YB0ECT	9,100	94	25	C	B
YB2DX (+ Spotting Assistance)	94,628	588	82	D	C
YB0BCU (+ Spotting Assistance)	1,564	46	17	D	C
<b>Niue</b>					
ZK2V (GM3WOJ, op)	808,080	1,421	168	A	C
<b>New Zealand</b>					
ZL3NB	24,640	119	55	A	B



PY2SHF	28,650	197	75	B	B	PY2NDX (+ PY2EYE, PY2KC, PY2NA, PY2YU)					PY2KQ (+ Spotting Assistance)	5,904	83	36	E	B	
PX3X (PY3DJB, op)	25,080	167	76	B	B		3,420,348	3,237	354	D	C	PY5IN (+ Spotting Assistance)	4,828	74	34	E	B
ZX5ZZ (PY5PDC, op)	22,496	154	74	B	B	ZX5J (+ Spotting Assistance)	2,354,326	2,785	299	D	C	PU2RJF (+ Spotting Assistance)	3,920	72	28	E	B
PY1CD	17,600	162	55	B	B	PT3T (PY3CQ, PY3NZ, PY3MM, PY3FJ, PY3KN, PY3BM, ops)	1,147,068	1,621	258	D	C	PS8NF (+ Spotting Assistance)	3,406	133	13	E	B
PR7AP	15,984	223	37	B	B	PY4RGS (+ Spotting Assistance)	568,920	870	165	D	C	PY1FOX (+ Spotting Assistance)	3,248	58	29	E	B
PU3SVA	15,960	138	60	B	B	PY5ZD (+ Spotting Assistance)	449,352	1,425	158	D	C	PY2AE (+ Spotting Assistance)	3,186	34	27	E	B
PY3TIO	15,600	137	60	B	B	PY6HD (+ Spotting Assistance)	136,038	554	123	D	C	PY2VZ (+ Spotting Assistance)	2,640	57	24	E	B
PP5NS	13,920	126	58	B	B	PY3PA (+ Spotting Assistance)	111,936	595	96	D	C	PY2XC (+ Spotting Assistance)	2,356	32	19	E	B
PU1KVA	12,672	134	48	B	B	PY5BH (+ Spotting Assistance)	94,128	463	106	D	C	PY3PC (+ Spotting Assistance)	1,260	40	18	E	B
PY2JCM	12,272	119	52	B	B	PY2NZ (+ Spotting Assistance)	77,220	360	110	D	C	PY5ALZ (+ Spotting Assistance)	264	14	11	E	B
PY1TR	9,504	110	44	B	B	PP6DX (+ PY7CW, PY7RC, PY7XC)	51,508	190	79	D	C	PY3DX (+ Spotting Assistance)	154	9	7	E	B
PU8TNT	9,310	104	49	B	B	PY2HL (+ Spotting Assistance)	46,464	192	88	D	C	PV8AZ (+ Spotting Assistance)	32	4	4	E	B
PY2ABN	8,360	96	44	B	B	PY5XH (+ Spotting Assistance)	6,216	63	42	D	C	<b>Venezuela</b>					
PU2UIB	6,880	82	43	B	B	PY2FFW (+ Spotting Assistance)	5,400	50	27	D	C	4M2L (YV5YMA, op)	69,388	324	83	A	A
PU5YVQ	6,318	82	39	B	B	PU2PJA (+ Spotting Assistance)	2,632	49	28	D	C	YW5T (YV5JBI, op)	98,724	388	114	A	B
PY2COY	3,900	67	30	B	B	PU2KXM (+ Spotting Assistance)	1,064	29	19	D	C	YV5KG	218,880	979	114	B	B
PU2NDY	3,712	58	32	B	B	PY1GQ (PY1NX, PY1GQ, PY1SL, ops)	1,676,196	1,805	303	E	B	YW5W (YV5TX, op)	106,206	579	93	B	B
PU8WZT	3,528	88	21	B	B	ZY2C (PY2ADR & PY2TIM, ops)	1,292,830	1,643	253	E	B	YV5AAX	78,200	231	85	C	B
PU2UJG	3,132	56	29	B	B	PY3YD (+ Spotting Assistance)	374,400	792	120	E	B	YY2ACA (+ Spotting Assistance)	32	4	4	D	C
PU2KNM	3,000	62	25	B	B	PS2R (PY2TI & PY2TDX, ops)	352,092	582	183	E	B	YV8AD (+ Spotting Assistance)	88,960	301	80	E	B
PY2DJ	1,560	40	20	B	B	PV8AA (PV8ABC & PV8DX, ops)	246,782	625	163	E	B	<b>Paraguay</b>					
PY2ZR	1,404	39	18	B	B	PY2IU (+ Spotting Assistance)	95,088	288	84	E	B	ZP9EH	36,900	145	75	A	B
PU2YDV	1,312	46	16	B	B	PY1ON (+ Spotting Assistance)	66,896	303	113	E	B	ZP5X (ZP5DBC, LU8EOT, LU9ESD, ops)	1,882,516	2,298	283	D	C
PY6KW	1,232	45	14	B	B	PY4FQ (+ Spotting Assistance)	65,992	233	73	E	B	<b>United States</b>					
PV8AX	550	25	11	B	B	PT5O (+ PP5KR)	60,724	334	94	E	B	<b>1</b>					
PY2LCD	440	20	11	B	B	PY1NS (+ Spotting Assistance)	43,152	239	93	E	B	<b>Connecticut</b>					
PV8ABC	374	17	11	B	B	PY2TKB (+ Spotting Assistance)	33,396	242	69	E	B	W1AN	83,224	290	103	A	A
PY4RR	336	22	8	B	B	PY3OPP (+ Spotting Assistance)	23,738	145	83	E	B	W1VT	75,088	259	76	A	A
PU1VHF	168	19	6	B	B	PY4WAS (+ Spotting Assistance)	23,296	116	52	E	B	K1NYK	298,236	662	174	A	B
QK5B (PP5JD, op)	792,582	2,401	167	B	C	PY5ZW (+ Spotting Assistance)	21,460	191	58	E	B	W3SM	208,984	427	151	A	B
ZX2B (PY2MNL, op)	718,740	2,188	165	B	C	PU2SGL (+ Spotting Assistance)	17,664	142	64	E	B	K1PU	118,800	309	110	A	B
PY5AB	300,300	1,061	143	B	C	PY7VI (+ Spotting Assistance)	8,816	119	38	E	B	AB1OD	69,498	207	99	A	B
PU2LVA	2,964	61	26	B	C	PY3IP (+ Spotting Assistance)	6,960	92	40	E	B	W1HBR	59,204	222	82	A	B
PV8RR	240	21	6	B	C							KA1WIF	40,860	198	90	A	B
PU8TLS	216	21	6	B	C							K1LEE	4,422	60	33	A	B
PY4ZO	100,584	254	99	C	A							KE1AU	3,190	44	29	A	B
PP5BZ	17,712	109	41	C	A							W1TS	1,140	38	15	A	B
PP5VX	16,544	91	47	C	A							WR1B	36	4	3	A	B
PY2ZQ	1,080	18	15	C	A							W3EP	1,307,596	1,929	233	A	C
PY1WW	24	4	2	C	A							NR1X	532,332	1,054	159	A	C
PY3AU	171,780	415	105	C	B							KQ2M	462,574	1,084	133	A	C
PY1MX	156,972	396	103	C	B							W1TR	371,070	659	171	A	C
PY4XX	145,800	424	90	C	B							W3IZ	100,772	276	118	A	C
PY1XW	60,192	211	72	C	B							K1SEZ	63,112	199	92	A	C
PR4G	54,432	222	63	C	B							W1TJL	224,640	851	135	B	B
PY4LH	49,408	198	64	C	B							N1XF	172,928	785	112	B	B
PY1MK	45,936	177	66	C	B												
PY2ZW	27,360	123	57	C	B												
PY3IO	21,624	113	53	C	B												
PT2AW	17,544	88	51	C	B												
PP5AX	15,456	95	42	C	B												
PY1EO	14,892	84	51	C	B												
PY3UA	12,792	87	41	C	B												
PY1MM	9,028	66	37	C	B												
PU2AIL	6,572	53	31	C	B												
PR7AR	4,000	43	25	C	B												
PS7DX	2,976	32	24	C	B												
PY2RX	2,352	29	21	C	B												
PY2ZEA (OH2MM, op)	1,057,536	1,654	162	C	C												
PY2MTV	465,432	925	129	C	C												
PP5EJ	44,928	158	72	C	C												
PY2KJ	11,840	83	37	C	C												



**Vermont**

N1UR	1,255,872	1,721	248	A	B
KB1NHV	17,080	110	70	A	B
K2LE	1,179,946	1,675	227	A	C
KB1ODO	60,514	207	79	A	C
KT1VT	34,364	245	71	B	B
K1ZK	4,320	60	36	B	B
W1SJ	564,062	2,040	139	B	C
WE1H	202,032	555	92	C	B
K1KU	8,664	67	38	C	B
N1BCL	24,800	125	50	C	C
WA1ZAM	7,140	51	51	E	B

**Western Massachusetts**

W1EME	95,016	284	107	A	B
WN1E	31,392	183	72	A	B
W1SRB	10,000	89	50	A	B
AD1L	1,980	24	22	A	B
W1UJ	671,216	1,053	182	A	C
KX1X	114,048	604	96	B	B
WB1DBY	16,588	147	58	B	B
KB1MU	12,584	129	52	B	B
KT1I	10,282	99	53	B	B
N1QFT	4,290	66	33	B	B
N1MUV	2,958	51	29	B	B
W1XB	340	18	10	B	B
KB1MTR	168	12	7	B	B
KB1JFQ	1,728	49	18	B	C
K1PTF	136,800	368	95	C	B
K1MZ	106,288	299	91	C	B
W1TO	70,272	246	72	C	B
N1AW	312	13	6	C	B

## AA2A (N2KW, op)

	955,416	1,569	154	C	C
K5ZD	2,220	37	15	C	C
AA1JD (+ NC1M, AA1LH, K1FFX)	1,349,760	2,060	222	D	C
WB1Z (N1FJ, W1MSW, KK1W, ops)	826,488	1,083	234	D	C
W1QA (+ NC1I & N1TA)	695,072	1,229	214	D	C
KB1W (+ Spotting Assistance)	625,392	1,042	172	D	C
W1/DK1TM (+ Spotting Assistance)	187,912	402	166	D	C
W1NY (KB1NWH & N1RNR, ops)	60,180	289	102	D	C
K6NDV (+ K6ND)	64,024	251	106	E	B
W1MJB (+ Spotting Assistance)	61,610	283	101	E	B
WA1SJG (+ Spotting Assistance)	26,412	217	62	E	B
KB1SUA (+ Spotting Assistance)	24,178	157	77	E	B
NE1C (K1MAZ, KB1PRA, KB1RNS, ops)	18,526	159	59	E	B
K1VOI (+ Spotting Assistance)	7,216	86	44	E	B

**2****Eastern New York**

N2JJ	239,812	459	167	A	B
WA2MCR	73,644	232	102	A	B
K2CYE	42,804	198	87	A	B
W2NTV	31,044	195	78	A	B
N2KTV	4,488	51	33	A	B

W2JCN	1,026	26	19	A	B
WA2JQK	234,520	459	205	A	C
W2GDJ	153,344	400	128	A	C
N2EIK	66,660	210	101	A	C
N2MEE	53,636	231	106	A	C
K2ZZ	47,476	200	83	A	C
KM2O	92,856	441	106	B	B
N2JBA	45,588	266	87	B	B
NT2I	44,148	286	78	B	B
K2KJ	38,106	223	87	B	B
WB2BTJ	25,280	164	80	B	B
N2USM	25,272	167	78	B	B
N2MTG	20,224	161	64	B	B
KC2VUE	8,772	104	43	B	B
N2JAZ	5,896	68	44	B	B
N2EAB	5,184	72	36	B	B
WB2HRK	4,588	76	31	B	B
N2CKD	3,920	56	35	B	B
K1WIM	1,564	35	23	B	B
WU2X	111,890	843	67	B	C
K3QDV	69,972	365	98	B	C
K2JMY	64,660	328	106	B	C
K2HAT	20,066	130	79	B	C
KC2ULY	3,630	57	33	B	C
KC2TVJ	680	21	17	B	C
NQ2W	52,992	208	64	C	A
AA2U	44,488	168	67	C	A
W2EG	419,616	849	124	C	B
N2EK	62,784	223	72	C	B
W1WV	61,904	216	73	C	B
W2DX	17,748	88	51	C	B
W2XL	403,172	845	121	C	C
K2UF	371,868	705	133	C	C

N1EU (+ Spotting Assistance)	615,480	857	230	D	C
KE2DX (+ Spotting Assistance)	307,520	998	155	D	C
WT4Q (+ KA2TDN)	214,140	456	166	D	C
NA2M (+ Spotting Assistance)	96,152	239	101	D	C
KD2NE (+ Spotting Assistance)	27,676	190	74	D	C
WA3AFS	13,224	76	76	D	C
K2YR (+ Spotting Assistance)	12,480	81	39	D	C
WF2B (+ Spotting Assistance)	950	25	19	D	C
K2ZD (+ Spotting Assistance)	121,272	291	124	E	B
WB2NVR	7,956	57	39	E	B

N2UN	512,960	926	140	C	C
N2GC	63,360	220	72	C	C
N2YBB (+ Spotting Assistance)	299,694	502	199	D	C
N2FF (+ Spotting Assistance)	282,000	527	200	D	C
W2GH (+ Spotting Assistance)	47,996	180	71	D	C
KD2RD (+ NQ2F & N2PL)	1,326,080	1,605	256	E	B
KA2D (+ Spotting Assistance)	396,312	682	147	E	B
K2MFY (+ Spotting Assistance)	57,040	312	92	E	B
N2SO (+ Spotting Assistance)	4,968	54	23	E	B

K2BBQ	24,920	179	70	B	C
WO2N	132,800	339	100	C	A
N2RI	113,088	314	93	C	B
N2GA	110,400	303	92	C	B
K2YGM	102,240	286	90	C	B
K2TV	54,812	198	71	C	B
KR2AA	39,528	163	61	C	B
WB2ART	22,448	125	46	C	B
KG2A	5,880	50	30	C	B

NC2N (EW1AR, op)	1,092	21	13	C	B
N2UN	512,960	926	140	C	C
N2GC	63,360	220	72	C	C
N2YBB (+ Spotting Assistance)	299,694	502	199	D	C
N2FF (+ Spotting Assistance)	282,000	527	200	D	C
W2GH (+ Spotting Assistance)	47,996	180	71	D	C
KD2RD (+ NQ2F & N2PL)	1,326,080	1,605	256	E	B
KA2D (+ Spotting Assistance)	396,312	682	147	E	B
K2MFY (+ Spotting Assistance)	57,040	312	92	E	B
N2SO (+ Spotting Assistance)	4,968	54	23	E	B

**Northern New Jersey**

N2XP	94,080	304	112	A	A
KU2M	1,121,328	1,578	234	A	B
K2DSL	112,398	346	131	A	B
K2BB	86,016	207	128	A	B
WA2LXE	63,720	229	90	A	B
WR2G	36,400	157	70	A	B
WB2SNN	16,820	147	58	A	B
N2CSP	3,290	52	35	A	B
WB2PJH	2,544	36	24	A	B
WS2L	1,950	40	25	A	B
N2NT	2,737,742	2,993	283	A	C
N2HMM	52,920	300	90	B	B
KC2QJB	21,456	153	72	B	B
K2DLS	17,680	138	65	B	B
AC2HH	10,900	109	50	B	B
KC2WQD	9,408	101	48	B	B
KA2OON	7,056	99	36	B	B
KC2PDO	6,776	77	44	B	B
N2LJ	6,314	77	41	B	B
KC2LST	5,772	76	39	B	B
KB2UNZ	3,658	60	31	B	B
WA2NXX	32	5	4	B	B
K2ZB	30,856	212	76	B	C
K2FJ	19,936	179	56	B	C
KR2Q	333,792	688	122	C	A
K2JT	32,480	140	58	C	A
W2JEK	4,224	50	22	C	A
W2ID	597,104	1,119	134	C	B
W2AW (N2GM, op)	480,680	992	122	C	B
W2CVW	71,440	235	76	C	B
W2LE	70,048	199	88	C	B
KD2MX	39,360	169	60	C	B
N2CJ	36,208	147	62	C	B
WA2VQF	12,136	82	37	C	B
N2CG	1,196	23	13	C	B
N2ED	237,952	689	88	C	C
W2NO (+ Spotting Assistance)	350,704	508	184	D	C

N2KPB (AB2DE + Spotting Assistance)	344,288	646	212	D	C
W2JJ (WA2VUN + Spotting Assistance)	133,096	532	127	D	C
KI2P (+ Spotting Assistance)	60,356	192	79	D	C
WO2U (+ Spotting Assistance)	13,696	109	64	D	C
W2JZ (+ Spotting Assistance)	8,784	62	36	D	C
WK2E (+ Spotting Assistance)	4,130	59	35	D	C
K2DFC (+ Spotting Assistance)	363,636	652	189	E	B
K2PF (+ Spotting Assistance)	87,500	198	125	E	B
K2DBK (+ Spotting Assistance)	50,676	207	82	E	B
W2DZ (+ Spotting Assistance)	28,416	195	74	E	B

### Northern New York

K2XC	3,410	45	31	A	B
KA2AAM	25,870	200	65	B	B
NG2C	25,200	203	63	B	B
WB2KLD	21,140	156	70	B	B
KC2BEZ	3,038	49	31	B	B
W2RE (+ WW2DX)	2,865,160	2,827	332	D	C
K2DB (+ Spotting Assistance)	76,636	201	98	E	B
KB2NGK (+ Spotting Assistance)	22,922	159	73	E	B

### Southern New Jersey

W2MF	253,572	471	187	A	A
W2KRD	12,032	95	47	A	B
KE2OI	142,296	546	132	B	A
NX2PX	2,050	44	25	B	A
N2GXJ	38,880	243	81	B	B
N2WSY	20,056	110	92	B	B
N3XOF	19,312	145	68	B	B
WB2HVF	2,300	46	25	B	B
KC2OGR	338	14	13	B	B
W2RM	33,640	293	58	B	C
W2MC	3,740	56	34	B	C
N2CCQ	102,240	290	90	C	B
W2SA	79,648	270	76	C	B
KC2TA	31,236	141	57	C	B
K2MEN	29,696	140	58	C	B
N2NF	25,308	111	57	C	B
N2UU	16,740	94	45	C	B
WA3YRI	12,768	89	38	C	B
K2RET	12,000	78	40	C	B
WK2G (+ Spotting Assistance)	529,104	921	146	D	C
K2MK (+ Spotting Assistance)	312,832	614	128	D	C
N2NGW (+ AI2I)	167,200	377	176	D	C
AB2E (+ Spotting Assistance)	60,776	214	71	D	C
N2SR (+ Spotting Assistance)	13,104	95	36	D	C
N1IBM (+ Spotting Assistance)	52,216	156	122	E	B
W2RDM (+ Spotting Assistance)	12,288	98	64	E	B

N2SCJ (+ Spotting Assistance)	3,640	53	35	E	B
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### Western New York

WS2W	117,780	450	130	A	B
WW2P	95,220	255	115	A	B
N1IA	61,940	196	95	A	B
KG9NZ	960	27	15	A	B
N2ZN	493,890	829	163	A	C
W6XR	393,094	704	169	A	C
K2SLZ	20,480	160	64	A	C
WB7OCV	33,200	200	83	B	A
W2TF	188,232	717	132	B	B
AB2TC	36,852	254	74	B	B
AB2JT	16,632	128	66	B	B
K2SI	1,188	27	22	B	B
AC2FY	468	19	13	B	B
KA2LIM	299,520	1,183	128	B	C
KB2KOL	3,952	52	38	B	C
KA2AEY	3,432	66	26	B	C
K2SM	150,800	380	100	C	A
WB2ABD	286,192	582	124	C	B
KC2VVZ (W2LC, op)	41,820	205	51	C	B
K2RNY	6,204	49	33	C	B
KC2ZEX	3,116	45	19	C	B
KV2X	1,800	31	18	C	B
N2LQ	280	10	7	C	B
K2SSS	1,102,188	1,747	159	C	C
K2NV	173,436	448	97	C	C
WS9M	131,720	380	89	C	C
KE2WY	130,676	372	91	C	C
N2YB	128,312	387	86	C	C
N2CU (+ Spotting Assistance)	688,916	1,101	157	D	C
W2RR (WA2AOG + Spotting Assistance)	493,728	851	148	D	C
AI2N (+ Spotting Assistance)	389,632	763	128	D	C
N2WK (+ Spotting Assistance)	273,024	479	144	D	C
W2GR (+ Spotting Assistance)	215,096	408	161	E	B
W2KKZ (+ Spotting Assistance)	98,468	244	103	E	B
W2YJ (+ Spotting Assistance)	49,280	160	80	E	B
K2QB (+ Spotting Assistance)	40,200	152	67	E	B
KC2YEA (+ Spotting Assistance)	28,424	193	76	E	B
AD2TM (+ Spotting Assistance)	26,040	188	70	E	B
K9CHP (+ Spotting Assistance)	6,664	68	49	E	B

### 3

### Delaware

K3CWF	49,810	216	85	A	B
WA3V	29,880	136	83	A	B
W3GNQ	20,956	130	62	A	C
W3EK	9,408	98	49	B	A
W3MAX	24,388	182	67	B	B
W3RLO	672	22	16	B	B
AE3J	14,352	80	46	C	A
WA2VQV	47,056	174	68	C	B
WW3DE	68,724	208	83	C	C

KA3HED (+ Spotting Assistance)	129,600	543	120	D	C
KE3UY (+ N3YMS)	83,000	426	100	E	B
K1RY (+ Spotting Assistance)	11,832	105	58	E	B

### Eastern Pennsylvania

WA2FGK (K2LNS, op)	94,720	303	80	A	B
KZ3X	65,600	214	100	A	B
NW3H	14,256	135	54	A	B
K3JQH	5,040	88	30	A	B
N3JNX	4,154	54	31	A	B
KD3HN	3,528	40	28	A	B
WY3A	324,324	583	162	A	C
KB3UCW	2	1	1	B	A
WA3ELQ	64,944	373	88	B	B
W3LI	43,824	264	88	B	B
WB9KPT	31,228	214	74	B	B
KB4MIS	20,400	151	68	B	B
KB3EXB	7,224	86	43	B	B
WA3YZD	4,130	59	35	B	B
KB3WHH	2,560	64	20	B	B
K3JPT	720	25	15	B	B
N3ACP	612	21	17	B	B
KM3D	440	20	11	B	B
K3LLC	32	4	4	B	B
NA3D	600,372	1,859	162	B	C
WA8UEG	239,592	912	134	B	C
K3ISH	74,354	333	113	B	C
N3RN	37,840	174	55	C	A
K3ROI	2,016	30	18	C	A
KR1ST	468	14	9	C	A
W3BGN	799,488	1,414	144	C	B
K3SWZ	175,480	413	107	C	B
NY3B	150,960	351	111	C	B
W3KB	147,200	369	100	C	B
N3AS	62,480	223	71	C	B
WF3M	53,820	197	69	C	B
N3KR	40,136	173	58	C	B
WA3YLQ	2,432	32	19	C	B
KC3Q	440	14	10	C	B
W8IJ	144	6	6	C	B
NY3A	1,197,364	2,021	149	C	C
AA3B	1,090,368	1,900	144	C	C
K3NK	554,368	990	142	C	C
K3ONW	159,528	397	102	C	C
W2TN	106,896	279	102	C	C
K3QIA	95,648	247	98	C	C
K3WW (+ Spotting Assistance)	2,169,680	2,298	296	D	C
K3PP (+ Spotting Assistance)	782,040	908	285	D	C
K3MD (+ Spotting Assistance)	687,704	921	236	D	C
N3RD (+ Spotting Assistance)	644,468	1,074	151	D	C
WA3F (+ Spotting Assistance)	344,750	558	197	D	C
W3FV (+ Spotting Assistance)	262,500	529	125	D	C
N3ST (+ Spotting Assistance)	222,264	445	126	D	C
NE3H (+ Spotting Assistance)	185,232	467	102	D	C
NK3Y (+ Spotting Assistance)	133,840	426	140	D	C

KD3TB (+ Spotting Assistance)	96,868	293	122	D	C
WX3MAS	39,744	144	72	D	C
WA3AAN (+ Spotting Assistance)	32,256	129	64	D	C
KQ3F (+ Spotting Assistance)	29,172	146	51	D	C
K3YG (+ Spotting Assistance)	100	5	5	D	C
KO3T (+ K3MSB & N3VQH)	574,864	760	244	E	B
KN3A (+ Spotting Assistance)	65,736	200	83	E	B
N3XUD (+ Spotting Assistance)	12,096	110	56	E	B
K3SV (+ Spotting Assistance)	6,720	49	35	E	B
N3NZ (+ Spotting Assistance)	4,928	44	28	E	B

**Maryland-DC**

K2PS	914,746	1,276	223	A	B
W6AAN	553,316	1,081	206	A	B
K3AJ	449,548	751	187	A	B
KØDI	419,400	696	180	A	B
K3TN	251,712	441	152	A	B
ND3D	176,022	399	127	A	B
N3WD	144,452	387	154	A	B
KW3W	68,904	250	108	A	B
W3FA	54,444	212	78	A	B
AC3P	29,550	158	75	A	B
K3XZ	8,692	91	41	A	B
NE3K	3,168	38	22	A	B
K3ZO	1,657,136	2,016	257	A	C
KB3UHN	1,079,320	1,580	242	A	C
W3ZZ	61,498	239	97	A	C
NS3X	17,670	116	57	A	C
N8HM	3,498	54	33	A	B
N3ALN	91,980	446	105	B	B
KB3OK	58,976	307	97	B	B
N3VOP	16,368	126	66	B	B
KQ3Q	7,360	80	46	B	B
NX3SS	6,084	79	39	B	B
WW3MM	2,268	43	27	B	B
K6PFA	1,720	43	20	B	B
KB3LNM	1,176	28	21	B	B
N3HBX	407,970	1,528	135	B	C
K3DNE	369,512	1,303	143	B	C
KB3JQQ	5,250	77	35	B	C
4U1WB (AJ3M, op)					
	240	30	4	B	C
N4QX	11,152	72	41	C	A
K4JSI	3,100	31	25	C	A
W3CB	280,800	598	120	C	B
N3QE	172,480	393	110	C	B
KB3AAY	76,000	250	76	C	B
WB8YYY	47,596	168	73	C	B
K3IT	28,768	125	58	C	B
W3FAY	20,400	106	51	C	B
K8GU	7,840	58	35	C	B
WA1LWS	6,840	57	30	C	B
KD4D	1,248,000	1,960	160	C	C
N3UM	643,188	1,219	133	C	C
W3DF	491,904	1,025	122	C	C
W3MC	234,320	509	116	C	C
WX3B (+ N8IVN)	2,143,854	2,283	333	D	C

N3OC (+ Spotting Assistance)	1,251,250	1,438	275	D	C
W3LL (+ Spotting Assistance)	604,462	1,758	173	D	C
K3IVO (K3YDX, NG3O, WA3TID, N3DCI, K3HOI, W3IP, ops)	534,688	930	217	D	C
N3AM (+ Spotting Assistance)	528,156	870	153	D	C
K3MM (+ Spotting Assistance)	452,076	675	202	D	C
N4QQ (+ Spotting Assistance)	376,320	577	192	D	C
W2GPS (+ Spotting Assistance)	367,328	550	208	D	C
K3OQ (+ W3RFC & WA3OFF)	266,062	659	151	D	C
W9GE (+ Spotting Assistance)	163,908	281	174	D	C
W3OU (+ Spotting Assistance)	146,640	350	141	D	C
W2CDO (+ Spotting Assistance)	116,788	303	97	D	C
W3KL (+ Spotting Assistance)	105,788	336	106	D	C
WA3EKL (+ K3ZZ)	101,716	229	118	D	C
KE3X (+ Spotting Assistance)	63,420	193	105	D	C
K3STX (+ Spotting Assistance)	63,240	171	93	D	C
N3YIM (+ Spotting Assistance)	58,232	251	116	D	C
N3RR (+ Spotting Assistance)	49,920	207	64	D	C
NA3M (+ Spotting Assistance)	48,090	138	105	D	C
WM3O (+ Spotting Assistance)	28,842	112	69	D	C
W3UR (+ Spotting Assistance)	28,152	186	69	D	C
W2GG (+ Spotting Assistance)	20,768	98	59	D	C
K3QX (+ Spotting Assistance)	20,224	160	64	D	C
WO3L (+ Spotting Assistance)	16,800	120	70	D	C
W3RAR (+ Spotting Assistance)	10,584	111	49	D	C
W3KX (+ Spotting Assistance)	278,052	503	141	E	B
K3WI (+ Spotting Assistance)	197,960	494	101	E	B
W4EE (+ Spotting Assistance)	151,740	341	135	E	B
AB3IC (+ Spotting Assistance)	97,470	273	95	E	B
K3KU (+ ops)	37,576	168	61	E	B
W3LRC (KB3VQH, N3XL, WV3D, ops)	20,878	108	73	E	B
KU4CG (+ Spotting Assistance)	9,900	100	50	E	B
N3AFT (+ Spotting Assistance)	7,068	57	31	E	B

**Western Pennsylvania**

NK8Q	11,270	98	49	A	A
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K3DE	130,702	299	143	A	B
KB3LIX	56,358	182	101	A	B
N3WMC	14,946	144	53	A	B
W3WC	3,180	38	30	A	B
W3PAW	193,980	812	122	B	B
K3JZD	3,648	59	32	B	B
WA3HGW	1,872	39	24	B	B
K3BAK	84	7	7	B	B
K3RR	132,916	329	101	C	A
K3UA	104,064	275	96	C	B
NA3F	80,256	231	88	C	B
WO3Z	72,576	252	72	C	B
W3WN	28,704	143	52	C	B
W3AG	25,960	119	55	C	B
AA3GM	1,824	26	19	C	B
WA3A	923,304	1,595	146	C	C
WC3O (+ Spotting Assistance)	127,652	335	97	E	B
K3FS (+ Spotting Assistance)	22,230	176	65	E	B

**4**

**Alabama**

K4WI	5,472	50	36	A	A
N4JF	362,042	656	157	A	B
NV4B	340,200	655	175	A	B
KJ4LTA	46,662	240	101	A	B
W4AUB	17,010	117	63	A	B
W4TKI	11,424	92	48	A	B
K4NO	7,344	90	34	A	B
KB5EZ	5,402	74	37	A	B
NR4J	2,250	43	25	A	B
K4ZGB	776,016	1,456	204	A	C
N4NO	613,014	893	213	A	C
K4AB	594,590	1,144	185	A	C
KC4HW	412,482	1,371	147	A	C
KI4ACW	60,208	430	71	A	C
W4OZK	3,834	71	27	B	B
N4EMP	2,376	54	22	B	B
KI4EEY	256	17	8	B	B
AG4W	221,308	914	122	B	C
N4AU	59,616	218	69	C	A
WA8HSB	12,920	88	38	C	A
W5NZ	9,108	72	33	C	A
WA1FCN	79,952	270	76	C	B
WB4KDI	75,936	228	84	C	B
K4HAL	63,204	231	69	C	B
KS4L	21,000	109	50	C	B
KD4N	16,000	100	40	C	B
W4NBS	4,032	48	21	C	B
K4TD	994,788	1,658	151	C	C
NN4MM (K9MUG, op)	223,100	492	115	C	C
NE4M	53,600	201	67	C	C
K3IE (+ Spotting Assistance)	468,118	653	203	D	C
N4KG (+ Spotting Assistance)	454,608	596	231	D	C
KR4F (+ Spotting Assistance)	417,000	698	150	D	C
N4BCD (+ Spotting Assistance)	76,020	369	105	D	C
N4NM (+ Spotting Assistance)	59,856	193	87	D	C
KD8IGK (+ Spotting Assistance)	1,596	43	19	D	C

KY4F (+ Spotting Assistance)  
96,320 287 86 E B  
N4UC (+ Spotting Assistance)  
60,032 227 67 E B

**Georgia**

WI4R 54,498 230 93 A A  
K7SZ 11,040 89 40 A A  
N4DU 98,900 316 115 A B  
WI4T 56,462 164 109 A B  
AI4UN 21,710 124 65 A B  
AI4RJ 20,048 102 56 A B  
AA4LR 14,570 105 47 A B  
W4BAB 6,100 114 25 A B  
NQ4I (VE7ZO, op)  
1,920,036 2,382 258 A C

K4BAI 1,024,832 1,239 239 A C  
K1YQ 11,660 111 53 A C  
NA4O 7,052 87 41 B A  
W4YBB 3,102 48 33 B A  
WB4JFS 114,608 498 116 B B  
KC4JD 41,984 264 82 B B  
WA7DIA 33,300 224 75 B B  
WB4SQ 27,360 180 80 B B  
WD4CTP 22,308 171 66 B B  
N4VDL 20,130 166 61 B B  
AJ4VE 13,804 120 58 B B  
KD4QMY 10,712 107 52 B B  
K3IMC 9,750 136 39 B B  
K4WSW 8,692 82 53 B B  
AK4EM 3,886 68 29 B B  
AK4NZ 930 32 15 B B  
WO4DX 529,104 1,824 146 B C  
K4NV 520,880 1,922 136 B C  
WA4TII 110,826 426 131 B C  
W4AMP 47,400 302 79 B C  
WB4SLM 16,430 157 53 B C  
AJ4CG 408 18 12 B C  
W4TI 4 1 1 C A  
K4OGG 187,320 450 105 C B  
AE4O 22,032 109 51 C B  
K1ZZI 376,480 731 130 C C  
N4PN 1,426,992 1,723 274 D C  
AA4CF (+ Spotting Assistance)  
359,352 725 126 D C  
W4BQF (+ Spotting Assistance)  
199,920 485 105 D C  
K4DLI (+ Spotting Assistance)  
109,350 366 135 D C  
ND1Y (+ Spotting Assistance)  
40,296 156 69 D C  
N4TOL (+ Spotting Assistance)  
22,436 144 71 E B  
KN4DS (+ Spotting Assistance)  
15,950 148 55 E B  
W4HIJ (+ Spotting Assistance)  
4,088 75 28 E B  
N4HH (+ Spotting Assistance)  
448 16 14 E B

**Kentucky**

KU4A 97,970 297 97 A A  
AI4BJ 179,488 432 142 A B  
W8KHP 78,440 209 106 A B  
N4FZ 73,224 248 81 A B  
KJ4AOM 49,242 190 87 A B  
WA4HAR 648 27 12 B A  
AJ4A 3,920 99 20 B B

WB4QNG 1,840 48 20 B B  
KM4RO 10,504 104 52 B C  
K4GDB 360 16 12 B C  
K4FT 202,292 495 103 C B  
KE4KY 92,588 300 79 C B  
WA4JQS 31,552 143 58 C B  
K4SPO 17,248 99 44 C B  
W5MX 1,054,488 1,667 159 C C  
N4QS 378,420 800 119 C C  
AB4IQ (+ Spotting Assistance)  
99,360 283 90 D C  
N9KY (+ Spotting Assistance)  
23,954 135 59 E B  
KO4OL (+ Spotting Assistance)  
4,176 50 24 E B

**North Carolina**

N4YDU 581,380 891 205 A B  
K4DJ 180,496 442 116 A B  
N4QM 112,560 286 120 A B  
K4NC 104,716 290 94 A B  
K4UWH 56,588 183 94 A B  
AJ4CU 52,440 247 92 A B  
AI4GR 51,084 197 86 A B  
K4KAY 30,600 166 85 A B  
AD8J 10,148 74 43 A B  
KJ4GDW 9,384 95 51 A B  
W4KAZ 7,120 61 40 A B  
K4EOR 812 19 14 A B  
KC4EZN 12 3 3 A B  
WX4G 714,978 1,108 207 A C  
K4FX 468,704 789 194 A C  
N1LN 303,696 688 111 A C  
N4AA 216,648 445 153 A C  
AD4IE 50,176 159 98 A C  
N8MPX 32,760 149 90 A C  
K8YC 1,368 22 19 A C  
NO4FX 18,172 156 59 B A  
KD4OFG 7,990 89 47 B A  
AD4L 103,032 492 106 B B  
KZ2I 69,936 374 94 B B  
W4FT 66,256 331 101 B B  
K4TMC 61,800 312 100 B B  
WB2RHM 52,800 281 96 B B  
KE4VCS 34,400 218 80 B B  
KU4V 23,998 170 71 B B  
NM3G 23,976 164 74 B B  
KR4AS 20,010 147 69 B B  
KD4MXA 9,494 103 47 B B  
W4LA 5,280 66 40 B B  
KI4VLW 3,960 60 33 B B  
W2CDS 1,848 34 28 B B  
KK4RV 1,792 32 28 B B  
W4CHX 612 18 17 B B  
WM2Z 43,056 304 72 B C  
NC4MI 7,350 77 49 B C  
AE4EC 4,788 73 38 B C  
AA4FU 189,980 415 115 C B  
AA4NC 103,320 292 90 C B  
K6RM 62,376 227 69 C B  
W4NZC 28,944 137 54 C B  
KJ4WD 9,424 67 38 C B  
N4CW 516,096 1,016 128 C C  
WØUCE 220,864 496 112 C C  
W1AJT 55,180 156 89 C C  
W4CWA 9,900 78 33 C C  
N2TU (+ Spotting Assistance)  
992,640 1,036 282 D C

K8AC (+ Spotting Assistance)  
870,170 1,124 217 D C  
W3GQ (+ Spotting Assistance)  
667,414 897 253 D C  
W4APP (W4UX, WK4P, NE4W, KD4UKT,  
ops)  
572,684 872 226 D C  
K3KO (+ Spotting Assistance)  
501,948 689 191 D C  
W3OA (+ Spotting Assistance)  
499,324 708 238 D C  
WJ2D (+ Spotting Assistance)  
268,088 620 188 D C  
WW4CP (+ Spotting Assistance)  
244,620 821 151 D C  
NV4A (+ Spotting Assistance)  
98,840 259 140 D C  
WB4MSG 35,332 151 73 D C  
K5EK (+ Spotting Assistance)  
34,848 137 66 D C  
K4XD (+ Spotting Assistance)  
23,892 100 66 D C  
N4TL (+ Spotting Assistance)  
17,856 146 62 D C  
K1MIJ (+ Spotting Assistance)  
3,520 47 22 D C  
KS4S (+ Spotting Assistance)  
112,360 271 106 E B  
K1GW (+ Spotting Assistance)  
4,410 47 35 E B  
W4WNT (+ Spotting Assistance)  
598 15 13 E B  
KI4BKE (+ Spotting Assistance)  
480 16 15 E B

**Northern Florida**

K9OM 490,732 713 209 A A  
N4OX 551,200 913 208 A B  
N4EK 162,000 356 125 A B  
NE8J 105,020 314 118 A B  
KT4Q 80,456 271 113 A B  
K9IA 52,002 185 81 A B  
N4FY 35,904 147 88 A B  
N4WO 22,196 108 62 A B  
K4GOP 3,300 57 30 A B  
N4UU 990,150 1,608 205 A C  
N4KW 139,680 410 120 A C  
N4LZ 112,128 283 128 A C  
NF4A 61,152 221 91 A C  
AC2N 11,770 107 55 B A  
K4DMH 79,800 402 100 B B  
KF4VRS 22,940 160 74 B B  
W4JSW 9,968 93 56 B B  
KV1P 4,914 66 39 B B  
N7EO 123,480 595 105 B C  
WX4US 78,660 417 95 B C  
AJ4RW 23,084 208 58 B C  
W6FC 13,924 121 59 B C  
KØLUZ 252,720 553 117 C A  
K3TW 161,092 391 103 C A  
N4WW (N4KM, op)  
550,400 1,098 128 C B  
K9FY 222,528 471 122 C B  
N4PJ 97,092 265 93 C B  
W8NNX 53,108 194 71 C B  
WS4Y 51,480 201 65 C B  
NU4Y 44,100 150 75 C B  
N4FP 3,000 31 25 C B











WA6L 34,692 180 49 C A  
AA6EE 34,560 160 54 C B  
AF6NI 18,480 108 44 C B  
K6NA 102,992 315 82 C C  
N6KI (+ W6RW, AF6WV, K6KAL, N6ERD,  
NN6X, N6EEG, K4RB, W2PWS, K6GO,  
N6OHS)  
532,770 1,061 177 D C

### San Francisco

K6BBQ 462 14 11 A A  
N6ZFO 781,776 1,344 183 A B  
N6YEU 420,912 911 148 A B  
KC6AWX 200,376 1,019 99 B B  
AE6YB 11,040 122 46 B B  
KA6MIB 6,808 93 37 B B  
KJ6OGE 4,620 68 35 B B  
KJ6LJI 2,700 50 27 B B  
N6ACU 2,496 48 26 B B  
WA6MJB 800 26 16 B B  
K6SFK 25,842 178 73 B C  
W6JTI 265,024 659 101 C A  
WW6D 21,156 124 43 C B  
AA6DX 3,960 47 22 C B  
WA6HZZ 3,240 35 27 C B  
K6SRZ (+ Spotting Assistance)  
1,280,970 2,022 215 D C  
K6RIM (+ Spotting Assistance)  
504,990 816 181 D C  
AI6II (+spotting assistance)  
27,264 142 48 D C

### San Joaquin Valley

NZ6Q 152,750 419 125 A B  
AA6K 105,840 376 126 A B  
N6IV 28,400 149 71 A B  
WC6H 1,375,776 2,327 204 A C  
KA6BIM 557,460 1,163 190 A C  
K16VC 377,456 1,057 124 A C  
K6MI 80,408 442 92 B A  
N6KP 101,712 497 104 B B  
KE6SHL 37,884 287 66 B B  
WA6ALA 11,328 121 48 B B  
KJ6HBY 9,630 109 45 B B  
W7FYV 8,640 90 48 B B  
KJ6MQM 1,568 28 28 B B  
W6DPD 23,718 181 67 B C  
WB6BET 19,560 163 60 B C  
K6AAB 108,540 338 81 C B  
K6CSL 35,984 177 52 C B  
NU6N 33,048 156 54 C B  
W6XK 5,600 52 28 C C  
W6SX (+ Spotting Assistance)  
301,552 804 94 D C  
N2NS (+ Spotting Assistance)  
39,664 134 74 D C  
K6LE (+ Spotting Assistance)  
30,246 135 71 E B

### Sacramento Valley

ND6S 103,056 365 113 A B  
KQ6X 52,800 201 80 A B  
W6RQR 4,144 38 28 A B  
K6DGQ 216 9 6 A B  
KF6T 1,501,464 2,224 219 A C  
W1RH 86,016 418 84 A C  
N6DZR 64,800 362 90 B B  
K7XE 40,248 262 78 B B

WK6A 37,668 263 73 B B  
NM3S 11,136 117 48 B B  
W6SWC 224 14 8 B B  
KF6JG 180 10 9 B B  
K9JM 208,416 672 78 C B  
W6RFF 117,000 382 78 C B  
K6BZS 51,480 236 55 C B  
N6JV 523,016 1,229 107 C C  
W6SZN 297,972 810 93 C C  
K6LRN 192,708 480 101 C C  
K6DGW 145,152 454 81 C C  
W6RKC 101,080 362 70 C C  
WB6JJI 884 18 13 C C  
W6EU (+ Spotting Assistance)  
495,132 1,036 121 D C  
N6XI (+ Spotting Assistance)  
442,092 836 133 D C  
WX6V (+ Spotting Assistance)  
73,788 172 143 D C  
W6SR (+ Spotting Assistance)  
49,296 315 79 D C  
N6RK (+ Spotting Assistance)  
13,338 79 57 D C  
N6WBL (+ Spotting Assistance)  
5,478 85 33 D C  
WB6CZG 4,340 71 31 D C  
K6ST (+ Spotting Assistance)  
7,062 60 33 E B

### 7

#### Alaska

KL1JP 132,076 707 89 A B  
AL1G 314,794 793 107 A C  
KL6C 4,224 66 32 B A  
WL7BDO 85,020 552 78 B B  
AL7L 62,220 514 61 B B  
KL7LT 16,704 174 48 B C  
KL8DX 276,184 876 79 C B  
KL7NC 16,428 119 37 C B  
KL2R (N1TX, op)  
466,860 1,261 93 C C  
WL7E 414,384 1,172 89 C C  
KL7WV 111,120 472 60 C C  
AL9A (+ Spotting Assistance)  
371,910 757 161 D C  
KL2HD (+ Spotting Assistance)  
119,680 752 80 E B

#### Arizona

WB5DYG 5,022 46 31 A A  
W7ZR 493,652 992 167 A B  
K7ZD 110,880 309 112 A B  
AC7JM 71,996 442 82 A B  
WA7NWL 64,416 270 88 A B  
KX6X 56,120 194 92 A B  
W6ZQ 44,148 216 78 A B  
WØPAN 39,128 244 73 A B  
K7MY 36,792 155 63 A B  
K6IMZ 27,900 147 75 A B  
N7FG 22,936 126 61 A B  
KF7DYX 15,912 157 51 A B  
AD7JX 11,408 82 46 A B  
K7TR 8,928 83 36 A B  
W7WIA 8,436 112 38 A B  
KF7PKL 896 29 16 A B  
K6LL 1,702,350 2,559 225 A C  
K7JQ 425,246 903 149 A C

W7PP 309,764 642 182 A C  
KE2VB 304,080 758 120 A C  
W7UDG 2,610 47 29 A C  
NF7E 149,240 918 82 B B  
W7UPF 49,364 290 86 B B  
KB7QND 46,230 347 67 B B  
KE8DM 39,240 336 60 B B  
KØTW 24,428 200 62 B B  
W2AJW 21,480 179 60 B B  
KD7JR 21,358 183 59 B B  
KF7GYE 16,756 142 59 B B  
WA7YUL 16,610 152 55 B B  
N7LQT 7,488 96 39 B B  
KG9JP 7,052 86 41 B B  
KØFCM 5,600 71 40 B B  
WA7DHQ 5,382 70 39 B B  
K6TUJ 2,016 42 24 B B  
KL1SF/K7 1,456 35 26 B B  
W7JSD 1,440 38 20 B B  
WB7TPH 832 26 16 B B  
KJ7RT 140 10 7 B B  
N7UQ 322,420 1,652 98 B C  
K7LY 266,656 1,300 104 B C  
WR5G 60,030 346 87 B C  
W7AAA 19,908 158 63 B C  
AJ7T 12,636 117 54 B C  
N7IR 99,856 318 79 C A  
N6HI 26,280 148 45 C A  
K9WZB 491,616 1,149 108 C B  
K7HP 379,200 954 100 C B  
AB7E 378,576 971 99 C B  
K7FA 193,752 425 117 C B  
K6WSC 155,688 502 78 C B  
W7CCE 153,816 499 78 C B  
WBØSMX 18,952 105 46 C B  
AA7CU 324 10 9 C B  
AA7A 772,200 1,493 130 C C  
N7CW 700,644 1,332 133 C C  
W8AEF 331,632 903 94 C C  
NI7R 151,200 420 90 C C  
KC7V 136,200 457 75 C C  
K7XZ (K8BN, op)  
128,068 322 101 C C  
AA7V 114,240 410 70 C C  
W6RLL 19,352 119 41 C C  
N7DD (+ W8TK & K4LT)  
1,753,224 2,482 229 D C  
N7AT (W9CF, N7LR, K8IA, N7RQ, ops)  
1,160,700 1,685 219 D C  
KY7M (+ Spotting Assistance)  
849,018 1,261 213 D C  
AK7AZ (KY7K, AE7KB, N3KCJ, AK7AR,  
ops)  
668,856 1,151 186 D C  
NA2U (+ Spotting Assistance)  
300,300 662 130 D C  
KO7AA (+ Spotting Assistance)  
276,996 575 123 D C  
K7WP (+ Spotting Assistance)  
167,616 438 97 D C  
NA6E (WT6P & KU7Y, ops)  
111,720 383 95 D C  
W7SW (+ Spotting Assistance)  
102,544 443 58 D C  
W2RD (+ Spotting Assistance)  
97,920 518 96 D C

KR2E (+ Spotting Assistance)	83,694	326	111	D	C
N6MA (+ Spotting Assistance)	66,368	276	61	E	A
W0HF (KF0X, KC7AC, AK2L, K7DON, KA7VPR, N7AKC, WV6Y, KO6CG, KT7AZ, ops)	45,150	273	75	E	B
KF7IUH (+ Spotting Assistance)	22,356	167	69	E	B
WU9B (+ Spotting Assistance)	18,304	105	44	E	B
<b>Eastern Washington</b>					
WA0WWW	54,126	196	93	A	B
WX7P	219,780	859	110	A	C
KK7VL	4,118	71	29	B	A
KB7HDX	146,934	918	81	B	B
W7TJ	70,296	412	87	B	B
AC7GP	57,312	404	72	B	B
WX7B	42,504	261	84	B	B
KD7IBE	14,022	128	57	B	B
KC7H	4,176	73	29	B	B
W7LEA	275,412	1,171	118	B	C
KF7TY	24,832	197	64	B	C
KI7DG	20,286	162	63	B	C
W7MCM	19,500	151	65	B	C
K5UJU	54,752	246	58	C	A
KL7FDQ	720	16	12	C	A
K7GS	215,908	709	77	C	B
W7GB	86,688	315	72	C	B
W6AEA	413,600	1,109	94	C	C
WA7LT (+ AD7XG)	551,712	1,094	168	D	C
WA1PMA (+ Spotting Assistance)	220,952	594	142	D	C
K7LFY (+ Spotting Assistance)	35,880	144	69	D	C
N7CKJ (+ KC7WQB)	77,274	479	81	E	B
K7AWB (+ Spotting Assistance)	5,822	73	41	E	B
<b>Idaho</b>					
W7ZRC	536,576	1,282	131	A	B
W7GSV	134,064	388	114	A	B
N7UVH	107,272	548	92	A	B
K7JAN	48,060	229	89	A	B
N7VEA	34,780	154	74	A	B
K7TM	32,850	150	75	A	B
KI7BP	16,640	136	64	A	B
W7MEM	304,258	985	149	A	C
WB7CYO	5,106	71	37	B	A
KG7WZ	1,134	27	21	B	A
KB7QFE	97,600	614	80	B	B
W7EKG	7,360	83	46	B	B
W7RNX	1,476	41	18	B	B
KR7LD	52,200	354	75	B	C
KA7T	291,960	823	90	C	B
N7ZN	28,380	131	55	C	B
K7OVG	17,808	114	42	C	B
WJ9B	7,592	75	26	C	B
N4CC	96,768	338	72	C	C
K0TO	79,232	402	46	C	C
K0IP (+ K7CF & K07P)	551,670	1,192	185	D	C

<b>Montana</b>					
KS7T	215,498	686	107	A	B
AE7AP	53,712	374	72	A	B
K7VK	50,784	215	92	A	B
KF7KIZ	1,848	43	21	A	B
K7ABV	415,488	1,349	128	A	C
N7FLT	278,576	1,520	92	B	B
AD7MQ	18,260	166	55	B	B
N8FKF	1,178	35	19	B	B
KF7NKY	704	24	16	B	B
N9RV	988,344	1,973	126	C	C
K7BG	873,252	1,731	127	C	C
KB7Q	829,668	1,766	119	C	C
K6PJ (+ Spotting Assistance)	174,660	378	142	D	C
<b>Nevada</b>					
K7XC	163,184	405	124	A	A
W1RO	7,740	92	43	B	A
K6LON	65,928	412	82	B	B
W7YKN	29,536	214	71	B	B
K7STU	23,302	195	61	B	B
W7FD	17,160	138	65	B	B
WM7Y	12,402	118	53	B	B
K7NJS	2,210	85	13	B	B
KE7UQL	714	21	17	B	B
NU7T	12,320	91	35	C	A
WE6EZ	29,800	153	50	C	B
K7NV	853,120	1,732	124	C	C
W7RN (K5RC & W7NIK, ops)	1,653,460	2,357	235	D	C
K7SFN (+ Spotting Assistance)	248,460	1,239	101	D	C
W6NF (+ K7MKL)	140,562	319	137	D	C
K7LV (+ Spotting Assistance)	2,494	35	29	E	B
<b>Oregon</b>					
W7YAQ	310,232	628	157	A	A
KI7Y	386,232	741	154	A	B
N7MQ	39,658	151	79	A	B
N7VS	32,116	170	62	A	B
KE7AUB	23,954	193	59	A	B
K7JJ	99,214	276	113	A	C
KI7N	28,280	139	70	A	C
W7ASF	13,104	129	52	B	A
K3DUW	52,736	412	64	B	B
K7VIT	47,436	405	59	B	B
W7SO	29,540	212	70	B	B
W7KNX	23,600	202	59	B	B
W7YVK	22,880	176	65	B	B
N7DUK	5,372	80	34	B	B
K7JKM	3,248	57	29	B	B
KC7KNY	1,536	32	24	B	B
N5ZR	768	25	16	B	B
W6ABM	552	23	12	B	B
KF7ETX	494	19	13	B	B
W7ZB	361,120	1,491	122	B	C
K7ZS	98,658	571	87	B	C
K0JJ	80,370	428	95	B	C
WA7ND	64,000	502	64	B	C
KF7GNI	57,060	320	90	B	C
WA7NVT	53,856	273	99	B	C
AD7J	29,850	204	75	B	C
W7EWB	22,912	181	64	B	C
W7YES	10,176	108	48	B	C
K7QFE	4,900	71	35	B	C

W7WHO	270,580	828	83	C	B
K7OVM	83,928	273	78	C	B
W7MTL	81,760	286	73	C	B
K7PJT	66,000	251	66	C	B
W7ZI	54,720	180	76	C	B
W7YMS	39,672	176	57	C	B
KF7HB	23,600	119	50	C	B
N6PZ	8,832	70	32	C	B
K7RF	502,048	1,093	116	C	C
N6TW	110,484	348	81	C	C
NK7U (+ K7ZO)	1,475,760	2,161	260	D	C
WI7N (+ Spotting Assistance)	494,296	953	164	D	C
KN7K (+ Spotting Assistance)	217,152	532	116	D	C
KI7M (+ Spotting Assistance)	201,292	1,111	91	D	C
KT7E (+ Spotting Assistance)	78,660	447	90	D	C
WO7V (+ Spotting Assistance)	4,620	39	35	D	C
W7TVC (AD7OG, K2PO, KD7VIK, AF8Z, W8NF, WS7L, ops @ K2PO)	733,176	1,048	204	E	B
N7XU (+ Spotting Assistance)	237,956	592	101	E	B
KU7K (+ KA7ARC)	150,000	478	120	E	B
W7WHY (+ Spotting Assistance)	82,144	308	68	E	B
K7BUY (+ KE7RVL, KE7RVI, KD7PIB)	34,040	234	74	E	B
<b>Utah</b>					
NS7K	76,140	268	81	A	A
WA7YAZ	15,280	106	40	A	B
WA7CC	14,560	94	52	A	B
WS7X	347,704	1,787	98	A	C
K7UA	343,844	702	134	A	C
WF4U	130,048	335	128	A	C
K7ULS	321,624	1,508	108	B	B
KD7SWL	2,726	48	29	B	B
KB6BYU	2,016	42	24	B	B
WA7LNV	14,336	117	32	C	A
KD7WPJ	8,400	74	30	C	A
NS7B	108,040	371	74	C	B
K7EA	61,000	254	61	C	B
AK7O	38,048	177	58	C	B
W7UT	714,960	1,333	135	C	C
N5LZ	641,960	1,469	110	C	C
AA7DJ	201,960	501	102	C	C
K7EY (+ Spotting Assistance)	11,152	82	41	D	C
WR7Q (+ Spotting Assistance)	8,800	57	50	D	C
WV7P (+ Spotting Assistance)	1,612	31	26	D	C
AD7KG (+ Spotting Assistance)	3,132	38	29	E	B
WA7BME (+ Spotting Assistance)	600	17	10	E	B
<b>Western Washington</b>					
W7IV	263,700	718	150	A	A
K6ZY	33,456	158	82	A	A
KE0CO	4,340	62	35	A	A
N7ZG	824,724	1,324	186	A	B







WB9LRK	506	23	11	B	B	N9UY	6,232	79	41	B	B	KDØPWF	660	23	15	B	B
N4YHC	300	15	10	B	B	W9NAW	4,624	70	34	B	B	WØMHP	418	19	11	B	B
KB9LGS	132	11	6	B	B	WB9BWP	4,482	83	27	B	B	KQØC	445,516	1,770	127	B	C
KB9GFB	6	3	1	B	B	AB9CD	3,000	53	30	B	B	K9MWM	124,998	762	83	B	C
W9YB (KC9UWQ, op)						WA9AQL	2,772	64	22	B	B	W2UP	394,128	839	119	C	B
	2	1	1	B	B	W9JET	2,146	43	29	B	B	K9BWI	310,608	727	108	C	B
W9NY	287,280	1,336	108	B	C	N9PQJ	2,000	41	25	B	B	KIØJ	218,784	520	106	C	B
KC9DKC	5,236	77	34	B	C	WA9AXQ	1,428	53	14	B	B	WØIMD	182,100	611	75	C	B
KR9E	180	10	9	B	C	AA9SR	880	27	20	B	B	KØYQ	67,680	236	72	C	B
WC9C	26,128	142	46	C	A	KC9HYY	494	19	13	B	B	KCØV	66,368	248	68	C	B
KB9ZUV	6,912	80	24	C	A	N9ZVV	42	7	3	B	B	WØCO	43,708	229	49	C	B
N1RU	6,656	54	32	C	A	N9LB	87,630	385	115	B	C	NØIBT	14,552	107	34	C	B
N9AX	245,808	581	108	C	B	W9GL	84,452	495	86	B	C	KØRZ	8,976	69	33	C	B
W9SN	245,440	596	104	C	B	W9WS	9,776	105	47	B	C	W5EEA	3,224	40	26	C	B
N4TZ	65,888	241	71	C	B	W9PN	288,932	618	119	C	B	NAØBR	2,640	33	20	C	B
WA4UIH	59,400	225	66	C	B	KB9S	88,088	288	77	C	B	NØTK	1,860	31	15	C	B
WT9U	53,808	240	57	C	B	AB9PN	8,840	88	26	C	B	WØZA	763,584	1,574	123	C	C
NE7I	51,408	194	68	C	B	K1TN	304,060	667	115	C	C	KØDU (+ KØCL & KØUK)					
W9TN	36,288	165	56	C	B	NS9I	253,920	560	115	C	C		2,084,064	2,645	272	D	C
KU8T	28,152	157	46	C	B	K9OT	49,848	192	67	C	C	NØVD (+ Spotting Assistance)					
W9ZRX	13,572	88	39	C	B	K9QC (+ Spotting Assistance)							763,848	1,377	206	D	C
AJ9C	216	9	6	C	B		400,896	648	174	D	C	NØKE (+ Spotting Assistance)					
KJ9C	406,980	770	133	C	C	K9EN (+ Spotting Assistance)							678,912	1,141	204	D	C
W9RE	211,004	496	107	C	C		72,928	208	106	D	C	WØMU (+ Spotting Assistance)					
N9FC	51,600	175	75	C	C	KF9US (+ Spotting Assistance)							272,448	532	129	D	C
W9IU (+ Spotting Assistance)							90,948	431	106	E	B	KDØFKO (+ Spotting Assistance)					
	1,136,432	1,384	242	D	C	N9CK (+ Spotting Assistance)							9,108	86	46	D	C
K9NW (+ Spotting Assistance)							74,256	222	84	E	B	KØUK (+ Spotting Assistance)					
	767,312	1,031	221	D	C	N9UA (+ Spotting Assistance)							210	11	5	D	C
K9IG (+ Spotting Assistance)							65,142	200	99	E	B	KØRI (+ Spotting Assistance)					
	689,920	900	224	D	C	K9BTQ (+ Spotting Assistance)							260,604	508	171	E	B
KC9QQ (+ Spotting Assistance)							60,888	272	86	E	B	KC6R (+ Spotting Assistance)					
	111,146	324	119	D	C	AF9T (+ Spotting Assistance)							124,460	642	98	E	B
N9FN (+ Spotting Assistance)							14,310	81	45	E	B	AD1C (+ Spotting Assistance)					
	108,000	317	135	D	C	Ø							85,120	268	80	E	B
N9LF (+ Spotting Assistance)													36,366	175	57	E	B
	60,264	192	93	E	B	<b>Colorado</b>						<b>Foreign</b>					
KV9W (+ Spotting Assistance)						WØETT	543,536	904	184	A	B	FG1PP	7,400	69	37	A	B
	3,780	70	27	E	B	KFØUR	233,160	882	87	A	B	FG4NO	100,200	510	100	B	B
K9IU (KB9WRA + Spotting Assistance)						NØTA	199,264	540	104	A	B						
	840	36	12	E	B	NØGOS	143,468	443	89	A	B	<b>Iowa</b>					
<b>Wisconsin</b>						KØNR	42,502	262	79	A	B	WØMRZ	55,444	239	83	A	A
AF9J	40,992	210	61	A	A	KBØYH	42,048	257	72	A	B	WØPWE	45,500	178	65	A	A
W9AV	198,852	430	146	A	B	KØLDS	27,694	119	61	A	B	ADØH	63,104	237	68	A	B
W9WLX	99,990	325	101	A	B	KM5TY	27,652	164	62	A	B	ACØOJ	39,520	152	76	A	B
K9KR	88,168	326	103	A	B	KØVXP	7,476	80	42	A	B	NØLOH	12,792	124	52	A	B
W9FZ	43,680	234	80	A	B	ACØIV	6,142	87	37	A	B	KØSRL	7,168	84	32	A	B
KA9JAC	36,176	159	76	A	B	NGØT	5,478	44	33	A	B	KBØL	18,848	96	62	A	C
WB9TFH	32,370	227	65	A	B	ACØXR	3,072	64	24	A	B	NØNI	127,676	545	118	B	A
WR9Y	24,096	149	48	A	B	NØMCX	992	27	16	A	B	AGØM	66,660	330	101	B	B
WØPTO	15,088	94	41	A	B	NCØB	140,184	577	118	A	C	WBØLJK	31,464	207	76	B	B
AB9XI	3,300	56	30	A	B	KØZX	129,150	400	105	A	C	NØZL	19,026	155	63	B	B
WØAIH (NE9U, op)						NØKQ	10,472	66	44	A	C	KØWHV	3,844	67	31	B	B
	1,696,320	2,279	248	A	C	VVWØWB	36,696	282	66	B	A	KDØMCV	2,976	63	24	B	B
W9XT	1,139,496	1,619	237	A	C	KIØII	7,980	97	42	B	A	NØHD	2,650	53	25	B	B
W9OP	582,972	970	202	A	C	KTØDX	294,128	1,189	124	B	B	WØPPF	27,740	190	73	B	C
WI9WI	148,944	353	116	A	C	WØLSD	154,294	758	103	B	B	K4EQ	28,616	148	49	C	A
K9GS	38,540	133	82	A	C	KØTIV	63,520	402	80	B	B	WØEA	9,792	69	36	C	A
N9NFB	144	9	8	B	A	NØPOH	25,568	191	68	B	B	WØGN	119,200	310	100	C	B
N9ISN	215,320	773	140	B	B	WB6RAB	19,964	163	62	B	B	KØVM	10,304	98	28	C	B
WB9PUB	116,800	600	100	B	B	K1ING	14,006	151	47	B	B	N9HDE	9,744	87	29	C	B
K9DJT	57,102	312	93	B	B	KFØUV	13,720	140	49	B	B	KV1E	208,896	523	102	C	C
KA9JCP	29,106	231	63	B	B	KG6WOU/Ø	12,784	136	47	B	B	NØMA (WØEA, W7II, KCØSKM, KX9Y, NØLNO, KCØYGW, KØDAS, ops)					
K9IAC	29,078	225	67	B	B	VV5TT	9,632	114	43	B	B		614,978	1,201	217	D	C
N9XRO	13,566	138	51	B	B	KDØHLB	5,320	79	35	B	B						
KC9NPZ	10,248	125	42	B	B	KBØJIT	950	26	19	B	B						
KA9JBD	7,144	80	47	B	B	KAØUSA	782	24	17	B	B						

NØXR (+ Spotting Assistance)					
	443,920	738	179	D	C
WØIW (+ WØNQ & KØQLT)					
	105,450	502	111	E	B
<b>Kansas</b>					
KØBJ	207,654	390	159	A	B
KCØDEB	186,984	432	159	A	B
W9KRD	7,760	101	40	A	B
WØBH	262,000	675	125	A	C
WAØN	47,558	309	79	B	B
WØZWW	7,676	108	38	B	B
NYØT	4,224	66	32	B	B
KFØM	3,828	59	33	B	B
WA5SWN	3,640	65	28	B	B
WDØBWM	2,430	47	27	B	B
KCØIUY	2,300	50	23	B	B
WØIE	1,292	34	19	B	B
KDØJQF	1,092	42	14	B	B
NØUU	141,180	547	130	B	C
KØRH	135,660	666	102	B	C
WØCEM	42,224	234	91	B	C
NØGMT	33,948	213	82	B	C
NØTU	29,120	132	56	C	A
KU1CW	273,000	547	125	C	B
KØVBU	195,288	476	103	C	B
WØEB	51,520	184	70	C	B
NØJK	16,320	107	40	C	B
KØVXU (+ Spotting Assistance)					
	69,748	190	106	D	C
KØAP (+ Spotting Assistance)					
	58,968	190	91	D	C
KCØQIE (+ NØLD)					
	40,488	244	84	D	C
WYØI (+ KDØIVG)					
	15,080	131	58	E	B
KSØAA (+ Spotting Assistance)					
	180	11	9	E	B
<b>Minnesota</b>					
KØTT	767,980	1,153	235	A	B
KØMPH	433,504	726	184	A	B
KØAD	320,160	693	138	A	B
KØOB	250,270	648	145	A	B
WØPI	168,912	373	136	A	B
NØUY	150,822	408	133	A	B
WØRSB	108,720	303	90	A	B
NØIJ	75,112	241	82	A	B
NØUV	70,700	244	101	A	B
KEØL	50,568	205	84	A	B
WØERP	33,176	175	58	A	B
KØSV	27,768	152	78	A	B
ACØW	27,146	196	49	A	B
KJØP	15,402	96	51	A	B
W6GMT	12,556	91	43	A	B
KBØNES	4,320	54	27	A	B
WAØMHJ	1,185,664	1,643	236	A	C
KBØEO	961,590	1,394	241	A	C
WØOR	422,620	699	170	A	C
KØJJR	161,604	502	134	A	C
KØVG	66,750	236	89	A	C
NDØC	25,160	149	85	B	A
NØSBW	58,422	331	91	B	B
NXØP	47,160	268	90	B	B
WAØLJM	29,896	203	74	B	B
AIØQ	21,024	144	73	B	B
NØUJJ	14,964	135	58	B	B
KCØVFP	6,460	87	38	B	B

WAØVPJ	6,320	81	40	B	B
K4IU	5,670	105	27	B	B
KDØHJG	5,040	72	35	B	B
KØSIX	4,800	61	40	B	B
KCØNFB	3,944	68	29	B	B
KØMPP	2,444	48	26	B	B
KDØXT	1,080	30	18	B	B
KDØDKC	972	30	18	B	B
WD9IGX	660	31	11	B	B
NØDSN	256	16	8	B	B
KCØRSX	162	9	9	B	B
KBØFXK	80	10	4	B	B
NXØX	423,660	1,547	138	B	C
KØVH	132,832	597	112	B	C
KC9TLW	352	16	11	B	C
NØUR	249,260	517	121	C	A
KØPK	105,576	320	83	C	A
KNØV	235,456	572	104	C	B
KØTI	110,720	346	80	C	B
NØOK	15,168	80	48	C	B
KØTK	14,664	97	39	C	B
NØBM	4,136	47	22	C	B
WØZQ	448	14	8	C	B
NEØU	809,904	1,464	141	C	C
W9LHG	144,256	399	92	C	C
NØAT	124,640	413	76	C	C
KØIR	13,068	99	33	C	C
NØBUI	12,300	124	25	C	C
KMØO (+ Spotting Assistance)					
	685,560	1,187	145	D	C
KØKX (+ Spotting Assistance)					
	544,040	613	268	D	C
KØMD (+ WØSMW & WØBM)					
	357,340	982	170	D	C
AAØAW (+ NØTCR & NØUOZ)					
	289,192	629	148	D	C
WBØN (+ Spotting Assistance)					
	258,344	455	172	D	C
NØBK (+ Spotting Assistance)					
	179,608	356	157	D	C
KSØT (+ Spotting Assistance)					
	175,570	312	181	D	C
KR5DX (+ Spotting Assistance)					
	174,900	833	106	D	C
KIØF (+ Spotting Assistance)					
	167,620	430	145	D	C
AE5E (+ Spotting Assistance)					
	97,344	236	104	D	C
WØRK (+ Spotting Assistance)					
	89,298	242	123	D	C
KØJA (+ Spotting Assistance)					
	42,864	128	114	D	C
KØJE (+ Spotting Assistance)					
	35,490	117	105	D	C
NØKK (+ Spotting Assistance)					
	31,212	158	51	D	C
KCØRET (+ Spotting Assistance)					
	25,630	139	55	D	C
WØLM (+ Spotting Assistance)					
	17,556	108	57	D	C
WØDD (+ Spotting Assistance)					
	13,824	73	48	D	C
KØYCE (+ Spotting Assistance)					
	5,696	59	32	D	C
KØRC (+ Spotting Assistance)					
	353,212	499	227	E	B

NØHJZ (+ Spotting Assistance)					
	215,930	548	143	E	B
KØPC (+ Spotting Assistance)					
	149,760	326	130	E	B
NØIM (+ Spotting Assistance)					
	82,320	254	84	E	B
WØZF (+ KØBBC)					
	68,328	294	117	E	B
WGØM (+ Spotting Assistance)					
	56,580	212	82	E	B
NØKBD (+ Spotting Assistance)					
	51,624	257	54	E	B
WBØSOK (+ Spotting Assistance)					
	39,312	119	91	E	B
WAØRBW	35,136	156	61	E	B
KCØURL (+ Spotting Assistance)					
	27,560	135	53	E	B
WØRU (+ Spotting Assistance)					
	24,274	121	53	E	B
WCØV (+ Spotting Assistance)					
	17,696	114	56	E	B
KØYR (+ Spotting Assistance)					
	9,690	84	51	E	B
KDØCVO (+ Spotting Assistance)					
	3,960	64	33	E	B
NRØL (+ Spotting Assistance)					
	3,536	38	26	E	B
KJ5WU (+ Spotting Assistance)					
	2,560	65	20	E	B
WØBM (+ Spotting Assistance)					
	784	14	14	E	B
WØVB (+ Spotting Assistance)					
	418	12	11	E	B

### Missouri

KØOU	18,124	124	46	A	A
NØSO	5,520	52	30	A	A
NXØI	275,724	584	162	A	B
WBØPYF	73,472	231	82	A	B
WØYZZ	67,568	225	82	A	B
KIØI	35,680	144	80	A	B
KØKEX	13,410	97	45	A	B
KCØHPM	11,324	108	38	A	B
WØNFS	6,808	96	37	A	B
WØRL	5,046	68	29	A	B
WØZM	3,078	57	27	A	B
KDØJBN	256	16	8	A	B
KØDEQ	425,862	689	177	A	C
WBØQLU	26,520	134	68	A	C
KFØF	14,904	140	54	B	A
KCØQLU	1,156	35	17	B	A
ACØSR	360	18	10	B	A
KAØFSP	93,480	497	95	B	B
AAØA	45,582	327	71	B	B
W7KAM	44,204	258	86	B	B
K8MCN	20,584	167	62	B	B
KBØNHW	9,810	109	45	B	B
ABØTO	1,560	40	20	B	B
ACØNF	682	31	11	B	B
KDØLNT	210	15	7	B	B
KDØKQS	126	9	7	B	B
KIØHA	2	1	1	B	B
KIØHQ	88,852	464	97	B	C
KØARY	53,958	394	69	B	C
W7FB	175,740	442	101	C	A
NØAX	50,264	209	61	C	A
K2HT	2,552	29	22	C	A
KØAZ	53,760	144	96	C	B

KSØM	26,724	138	51	C	B
KCØM	11,316	71	41	C	B
KAØP	1,200	20	15	C	B
WØTY	32,736	136	62	C	C
NØTT	27,648	130	54	C	C
WØHBH	24,380	117	53	C	C
WØJPL (KØJPL + Spotting Assistance)	456,904	823	199	D	C
W4RK (+ Spotting Assistance)	242,420	534	155	D	C
N5TN (+ WØTT)	186,200	359	175	D	C
KDØFW (+ Spotting Assistance)	138,424	579	121	D	C
WDØECO (+ Spotting Assistance)	101,772	481	99	D	C
WØEEE (NØSSC + Spotting Assistance)	93,930	330	101	D	C
KØWB (+ Spotting Assistance)	38,160	166	60	D	C
KØBX (+ Spotting Assistance)	8,362	63	37	D	C
ADØDX (+ Spotting Assistance)	10,836	86	42	E	B
<b>North Dakota</b>					
KØUD	79,698	299	111	A	B
NØUD (WBØOAJ, op)	22,660	126	55	A	B
WBØDSF	19,072	153	64	B	B
KAØLDG	9,752	109	46	B	B
KDØCVZ	7,070	102	35	B	B
NØJE	7,020	78	45	B	B
KØPBA	2,142	51	21	B	B
<b>Nebraska</b>					
KTØK	612,750	879	215	A	B
WØKT	19,344	100	52	A	B
WBØM	11,440	79	55	A	B
W7UP	4,488	66	34	B	A
KØAWB	1,596	42	19	B	A
NØHTV	29,748	203	74	B	B
WBØYYE	23,312	190	62	B	B
KBØQH	4,550	68	35	B	B
WØPY	4,218	59	37	B	B
KBØVVD	3,100	50	31	B	B
KBØQWY	576	19	16	B	B
NUØC	110,386	575	97	B	C
WMØL	26,962	225	61	B	C
ACØDQ	9,504	88	54	B	C
WNØL	47,012	172	73	C	B
KØKPH	13,920	89	40	C	B
K9RZ	18,480	112	42	C	C
<b>South Dakota</b>					
KØPIR	7,000	89	35	A	B
WBØTSR	78,606	400	99	B	B
WBØULX	42,200	212	100	B	B
WØSD	181,472	870	106	B	C
KØVVX	74,304	450	86	B	C
KCØUXC	15,744	126	32	C	A
K7RE	345,420	926	95	C	B
NØSXX	29,600	202	37	C	B
KDØS (+ WDØT)	1,643,600	1,945	280	D	C

## Canada

### Alberta

VE6BIR	59,128	212	76	A	A
VE6SH	16,700	163	50	A	B
VX6WQ	1,817,202	2,606	249	A	C
VE6TL	317,408	848	112	A	C
VE6SKY	5,304	69	39	B	A
VA6UK	143,528	933	77	B	C
VE6EX	15,504	103	38	C	A
VA6AM	148,848	449	84	C	B
VE6WP	369,228	1,068	87	C	C
VE6AO (VE6TC, VE6CCL, VE6KC ops)	607,260	1,634	145	D	C
VE6FI (+ VE6AQ & ops)	217,516	1,237	89	E	B

### British Columbia

VE7WO	203,294	584	91	A	B
VA7AM	111,520	702	80	A	B
VA7DXC	48,380	202	82	A	B
VA7CPC	46,576	177	82	A	B
VE7BC	27,832	134	71	A	B
VE7BGP	16,124	100	58	A	B
VA7IR	75,844	576	67	B	A
VE7WWW	20,634	183	57	B	B
VE7NS	16,720	153	55	B	B
VA7AQD	6,264	88	36	B	B
VE7EMI	1,288	29	23	B	B
VE7JKZ	192,192	580	84	C	B
VA7RN	171,976	523	83	C	B
VA7DZ	160,704	442	93	C	B
VA7MM	157,112	488	82	C	B
VA7OM	68,000	257	68	C	B
VE7MR	67,760	226	77	C	B
VE7XF	593,400	1,294	115	C	C
VA7ST	348,288	915	96	C	C
VE7AX (+ Spotting Assistance)	174,150	407	129	D	C
VA7BEC (+ VA7KO)	591,840	1,273	180	E	B
VE7IO (+ VA7BWG, VA7GL, VA7XB, VE7FO, VE7OFH, VE7SM)	94,612	266	109	E	B

### Maritime

VE9ML	182,972	474	149	A	B
VE1ZA	122,472	416	108	A	B
VE1JS	115,920	415	120	A	B
VE9OA	41,984	158	82	A	B
VY2TT (K6LA, op)	2,392,420	2,967	265	A	C
VE1SQ	41,412	241	87	B	B
VG1CQ	7,144	96	38	B	B
VY2/K1ZM	2	1	1	B	C
VY2OX	74,456	238	82	C	A
VE1RGB	230,520	567	102	C	B
VE1ZAC	30,780	141	57	C	B
VY2ZM	1,638,972	2,587	159	C	C
VE9AA	1,062,560	1,843	145	C	C
VY2SS	558,240	1,186	120	C	C
VA1MM	40,704	160	64	C	C
VE1OP (+ Spotting Assistance)	1,231,808	2,042	152	D	C
VE9HF (+ Spotting Assistance)	74,592	254	74	D	C
VE9MY (+ Spotting Assistance)	27,360	172	80	D	C

## Manitoba

VE4YU	234,472	466	158	A	B
VE4EAR	246,344	554	166	A	C
VX4MM	93,956	575	83	B	A
VE4TV	190,512	901	108	B	B
VE4EA (+ Spotting Assistance)	134,160	443	78	E	B

## Newfoundland/Labrador

VO1KVT	403,182	1,738	117	B	C
VO1TA	515,280	1,153	113	C	B
VO1BQ	10,360	75	35	C	B
VO1HP (+ Spotting Assistance)	35,984	175	52	E	B

## Northern Territories

VE8DW	11,660	109	53	A	B
VE8GER	108,758	613	89	B	B
VE8EV	75,888	312	62	C	B

## Ontario

VE3XTI	39,840	167	83	A	A
VE3CX	257,174	581	149	A	B
VE3IAE	221,078	467	143	A	B
VE3FH	113,000	319	113	A	B
VE3JI	95,904	309	111	A	B
VE3NE	56,684	200	74	A	B
VE3RCN	35,000	147	70	A	B
VA3KAI	24,426	124	59	A	B
VE3LXL	3,216	38	24	A	B
VE3KZ	1,161,072	1,445	264	A	C
VE3MMQ	929,106	1,288	213	A	C
VE3FGU	738,344	1,043	244	A	C
VE3HG	13,300	135	50	B	A
VE3FCT	7,896	96	42	B	A
VA3YP	264,186	1,142	117	B	B
VA3PC	99,990	499	101	B	B
VE3VE	70,512	341	104	B	B
VE3TU	57,428	294	98	B	B
VE3JOC	23,246	198	59	B	B
VA3GD	21,700	178	62	B	B
VA3WU	18,328	158	58	B	B
VE3MEW	12,768	116	56	B	B
VA3ZAK	12,288	134	48	B	B
VA3UG	11,960	116	52	B	B
VE3YCR	11,564	118	49	B	B
VE3DVY	9,996	106	49	B	B
VA3GKO	7,722	99	39	B	B
VA3ECJ	7,280	96	40	B	B
VA3TPV	646	19	17	B	B
VE3SKX	390	15	13	B	B
VE3RYC	126	9	9	B	B
VE3CR	125,240	509	124	B	C
VA3ZDX	108,192	490	112	B	C
VE3KPP	67,404	414	82	B	C
VA3RJ	18,096	118	39	C	A
VA3RKM	9,324	64	37	C	A
VE3MO	4,428	42	27	C	A
VE3WZ	2,280	32	19	C	A
VA3WR	1,872	26	18	C	A
VE3IGJ	640	17	10	C	A
VE3DZ	681,408	1,101	156	C	B
VE3KI	400,384	739	136	C	B
VE3ZT	320,032	563	146	C	B
VA3EC	227,772	523	111	C	B
VA3ATT	76,072	261	74	C	B
VE3OM	71,540	246	73	C	B
VE3XK	68,080	236	74	C	B

VE3FJ	63,300	214	75	C	B	VE5MX (+ Spotting Assistance)
VE3KAO	28,080	135	52	C	B	
VA3GUY	16,512	93	48	C	B	
VA3FN	15,908	98	41	C	B	
VE3ZY (VE3FFK, op)						
	4,872	46	29	C	B	
VE3VCF	1,400	27	14	C	B	
VE3KCO	840	35	14	C	B	
VE3EY	813,852	1,453	141	C	C	
VE3EK	768,600	1,292	150	C	C	
VE3PN	227,856	573	101	C	C	
VE3EJ (+ Spotting Assistance)						
	715,350	837	251	D	C	
VA3DX (+ Spotting Assistance)						
	628,002	787	251	D	C	
VE3RZ (+ Spotting Assistance)						
	420,966	516	257	D	C	
VE3MM (+ Spotting Assistance)						
	309,684	599	131	D	C	
VE3MV (+ Spotting Assistance)						
	56,358	252	93	D	C	
VA3DF (+ Spotting Assistance)						
	65,730	196	105	E	A	
VE3XAT (+ Spotting Assistance)						
	167,272	412	103	E	B	
VE3AD (+ VE3YV)						
	107,748	458	123	E	B	
VE3CWU	77,376	220	104	E	B	
VE3AJ (+ Spotting Assistance)						
	1,178	31	19	E	B	

### Quebec

VX2AWR (VE2AWR, op)						
	189,810	425	135	A	B	
VE2AXO	40,052	166	62	A	B	
VA2EW	1,513,920	2,048	228	A	C	
VE2FXL	19,716	105	62	A	C	
VE2DC	12,596	68	47	A	C	
VA2UTC	15,200	153	50	B	B	
VE2PIJ	13,908	123	57	B	B	
VE2NMB	4,216	67	34	B	B	
VE2DRO	4,200	62	35	B	B	
VE2DDZ	396	19	11	B	B	
VE2JM	89,792	490	92	B	C	
VE2KOT	7,424	58	32	C	A	
VA2WA (VA2WDQ, op)						
	772,680	1,380	141	C	B	
VE2QV	9,636	74	33	C	B	
VE2SG	313,200	678	116	C	C	
VE2EZD (+ Spotting Assistance)						
	56,072	215	86	D	C	
VE2NGH (+ Spotting Assistance)						
	2,356	39	31	D	C	
VE2EBK (+ Spotting Assistance)						
	74,688	395	96	E	B	
VE2FK (+ Spotting Assistance)						
	21,216	104	51	E	B	
VE2ESU (+ Spotting Assistance)						
	3,840	61	32	E	B	
VE2HB (+ Spotting Assistance)						
	748	17	11	E	B	

### Saskatchewan

VE5UO	186,456	534	102	A	B
VE5SF	159,160	552	92	A	B
VE5AAD	71,390	411	59	A	B
VE5KS	1,426	32	23	B	B
VE5UF	865,032	1,639	133	C	C