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Contest Branch Manager

2000 IARU HF World Championship Results

Twenty-four hour contests are a rarity in most sports. Nine non-timed innings will usually produce the victor in a baseball game. After completing 18 holes on a golf course, the individual with the lowest score, regardless of time, emerges as winner. Ten frames in bowling will determine the outcome of the contest. Wimbledon crowns a tennis champion when one challenger wins the proper number of untimed sets. A marathon is determined by whichever participant covers the prescribed distance in the shortest period of time.

In sports with clocks, professional basketball runs 48 minutes while football and hockey will determine winners at the 60-minute marks. Only in automobile racing will you find a 24-hour non-stop challenge. The 24 Hours of Le Mans or the 24 Hours of Daytona combine man and his machine in a challenge to see who can go the distance.

The 24-hour challenge of radiosport—known as the IARU HF World Championship—is one of the outstanding events in radio competition. Unlike most sprints or QSO parties, the single operator participant paces himself to last the full length of the contest in order to have the best chance of winning. Unlike the ARRL International DX Contest or CQWW (lasting 48 hours each), the single op in the IARU HF World Championship has only one chance to catch a band when it is hot. Misread a propagation change or miss a band opening, and your chances of winning are greatly diminished. There is never "tomorrow" to make up for the errors of Day 1.

It was perhaps this "all or nothing" atmosphere that made the 2000 IARU HF World Championship—held July 8-9, 2000—one of the most successful IARU contests ever. A record 1898 logs were received for this year's event—a whopping increase of 16.7% above last year's previous record participation. This includes the 53 participating stations in the World Radiosport Team Championship 2000—which was held in conjunction with this year's contest (see sidebar). Including the WRTC participants, this represented over 2800 operators active from single operator, multioperator and national IARU society headquarters stations around the world. Logs from 53 ITU zones were received, as well as 31 IARU national society headquarters stations, several IARU regional executives and Administrative Council members, and at least 105 DXCC entities.

When looking for Top Ten worldwide scores, you don't have to venture very far. Europe led the way worldwide with 21 Top Ten finishers, followed by Asia and North

Top World Scores

Mixed Mode

Call	*Score*
EA8/OH2BYS	2,948,148
5X1Z	2,573,868
OH1F (OH1MDR, op)	2,157,654
DU1/DK3GI	2,088,400
RX1AA	2,069,217
K3ZO	2,054,140
RD3Q (UA3QDX, op)	2,029,608
UA4HTT	1,993,977
UA9CLB	1,921,725
UA9CDV	1,910,420

Phone Only

Call	*Score*
CT3BX	3,047,384
4X1IM	2,697,400
PY2KC	2,027,851
T99W	1,679,750
W9RE	1,658,038
K5TR (at W5KFT)	1,629,024
WB9Z	1,609,968
RA4HTX	1,575,658
R3K (RX3DCX, op)	1,535,338
LX1NO	1,500,096

CW Only

Call	*Score*
OH1MM	2,060,580
SP7GIQ	1,965,593
OH9W (OH6EI, op)	1,786,428
OHØPM	1,758,540
GØIVZ	1,757,700
WXØB (W4PA, op)	1,754,808
N4AF	1,676,374
RZ3AZ	1,654,038
RM6A (RA6CM, op)	1,586,250
W1WEF	1,574,986

Multioperator

Call	*Score*
P3A	5,269,336
HG6N	3,819,315
UU5J	2,800,820
RF9C	2,781,816
UPØL	2,709,510
UZ7U	2,376,085
UN4L	2,352,900
9AY2K	2,219,966
SK3W	2,211,168
ZX5J	2,082,307

Top W/VE Scores

Mixed Mode

Call	*Score*
K3ZO	2,054,140
N2NU	1,810,524
N2BA	1,737,883
NT1N	1,695,864
N9AG	1,464,580
W4MYA	1,328,739
K4AB	1,263,924
W5WMU	1,241,723
N2RM	1,201,478
VE3AT	1,058,200

Phone Only

Call	*Score*
W9RE	1,658,038
K5TR (at W5KFT)	1,629,024
WB9Z	1,609,968
VE1JX (K6HNZ, op)	1,121,586
KK1L (at WJ1Z)	730,448
N4UH	597,618
WS1A	590,004
WF3J (UA6AN, op)	572,010
WC4I	532,000
WØETC	511,173

CW Only

Call	*Score*
WXØB (W4PA, op)	1,754,808
N4AF	1,676,374
W1WEF	1,574,986
N6MJ (at W6KP)	1,519,755
K5GN	1,515,594
W7RM (W4AN, op)	1,454,336
K2UA	1,392,494
KR1G	1,389,884
K9NW	1,255,093
AA3B	1,248,156

Multioperator

Call	*Score*
KH7R	1,757,154
K5NZ	1,460,592
K8CC	1,433,712
K5MR	1,417,955
W4MR	1,240,304
NO9Z	1,210,941
W6XR	1,159,038
W6EEN	1,125,927
AA5NT	1,110,550
N3ME	986,752

WRTC Participants

The Third World Radiosport Team Championship was held concurrently with the 2000 IARU HF World Championship. The complete results of WRTC-2000 may be found in the October 2000 issue of *QST* or on-line at **www.qsl.net/s57aw/wrtc/results.htm**.

The following is a complete list of call signs used by WRTC participants during the 2000 IARU HF World Championship, along with the callsigns of the operators at each station. WRTC logs were included in the log checking process for this contest, but scores are not reported in the results.

Call Used	*Operators*
S511E	DL6FBL, DL1MFL
S512T	LY3BA, LY2BM
S513A	JA8RWU, JH4RHF
S514U	JM1CAX, JO1RUR
S516M	EA7GTF, EA7KW
S517W	DL1IAO, DL2MEH
S518N	K6LA, K5ZD
S519I	KQ2M, W7WA
S521H	VE7SV, VA7RR
S522R	LW9EUJ, LU7DW
S523W	UT4UZ, RW1AC
S524G	LY1DS, LY4AA
S526O	K8NZ, W2GD
S527K	JH4NMT, JK3GAD
S528D	OM3BH, OM3GI
S529A	5B4WN, 5B4LP
S531R	K1ZM, N2NT
S532N	PP5JR, PY2NY
S533G	DL6RAI, OE2VEL
S534J	K4BAI, K6LL
S536P	HA3OV, HA3NU
S537L	OH1EH, OH1NOA
S538F	S5ØU, S51TA
S539D	ON4WW, ON6TT
S541F	S59A, S58A
S542B	9A3A, 9A2AJ
S543C	F6BEE, F6FGZ
S544Z	YT1AD, YU7NU
S546Q	K4UEE, N6IG
S547B	SP8NR, SP9HWN
S548X	UT5UGR, UU2JZ
S549L	RZ9UA, UA3DPX
S561C	VE3BMV, VE3KZ
S562P	IK2QEI, I2VXJ
S563X	N3AD, N3BB
S564Q	VK4EMM, VK4XY
S566Z	K9ZO, K7BV
S567F	EA3NY, EA3KU
S568Y	G3SXW, G4BUO
S571W	K3NA, N6TV
S572L	ZS6EZ, ZS4TX
S573O	9A9A, 9A3GW
S574V	K9TM, N2IC
S576K	I5NSR, I5JHW
S577V	UA9BA, RN9AO
S578R	PY5CC, PY1KN
S581I	VE7ZO, VE3EJ
S582A	K1DG, K1AR
S583D	DL2CC, DL5XL
S584M	K1TO, N5TJ
S586U	OK1QM, OL5Y
S587N	RA3AUU, RV1AW
S588S	WC4E, WØUA

IARU Regional Executives and Administrative Council Members

Call	Score	QSOs	Multipliers
W6ROD (W7EW, K6AW, N6TR, ops)	2,091,408	2894	187
PAØLOU	364,854	740	147
HC2EE	132,048	364	84
W4RA	100,392	304	89
PT2HF	69,784	209	88
SP5FM	4,728	77	24

America with seven each, Africa with three and South America with two. Even with over 100 of the world's top contesters participating in WRTC, the level of competition did not drop off. While no overall worldwide scoring records fell during the contest, exciting single operator battles were seen across the categories.

Leading the way in the Single Operator mixed mode category was Mauri, EA8/OH2BYS, who held off a strong challenge from Mats, 5X1Z. While Mats won the QSO total—2920 to 2500—Mauri's 252 to 186 multiplier advantage was able to win the day, as both posted nearly identical points per QSO marks (4.74 for Mats and 4.68 for Mauri). Hernani, CT3BX, was able to win both the QSO and multiplier battle to edge Serge, 4X1IM, in the Single Operator Phone Only category – 3,047,384 to 2,697,400. In the Single Operator CW Only category Pasi, OH1MM's, 2264 QSOs and 244 multipliers (for a score of 2,060,580) edged out Sobon, SP7GIQ's, final total of 1,965,593 on 2286 QSOs and 227 multipliers. In the Multioperator category, the operators at P3A were able to work fast and steady rates and win handily over HG6N by a score of 5,269,336 to 3,819,315. Congratulations to all of the worldwide Top Ten leaders.

Outstanding competitive efforts were also seen among the US and Canadian participants. Leading the way was a very tight three-way race in the Single Operator Phone Only category. In the end Mike, W9RE, emerged victorious over George, K5TR (operating at W5KFT), and Jerry, WB9Z. Only 48,340 points separated these three top contesters—1,658,038 for W9RE, 1,629,024 for K5TR and 1,609,968 for WB9Z. The difference in this one was the points-per-QSO (PPQ) average. George worked the most QSOs and multipliers, but was defeated in the end by Mike's PPQ average of 3.85 to George's 3.52. Jerry's 2104 QSOs netted a PPQ average of 3.75, which allowed him to remain close. Those five-point QSOs can make a difference. Mike's winning score also is the only new W/VE category record set during the Championship in 2000.

The W/VE Single Operator CW-Only category also was witness to a close race, as Scott, W4PA, operating WXØB was able to beat out Howie, N4AF, by a score of 1,754,808 to 1,676,374. Well-known con-

IARU Headquarters Stations

	Scores	QSOs	Miltipliers
DAØHQ (DF8XC, DGØHD, DGØOKE, DG1BDF, DH7WW, DJ7AA, DK1BT, DK3WW, DK4WA, DK7YY, DK8YY, DL1AOB, DL1AOQ, DL1ASA, DL1AUZ, DL1AWI, DL1DTL, DL1VDL, DL2OAP, DL2OBF, DL2OE, DL2SAX, DL3ABL, DL3ALI, DL3APO, DL3DXX, DL3OI, DL3TD, DL4ALB, DL4ALI, DL4JS, DL4MM, DL5ANT, DL5AOJ, DL5AOL, DL5AWI, DL5AXX, DL5LYM, DL5XU, DL5YY, DL6MHW, DL6MYL, DL7AU, DL7BY, DL7IO, DL7IQ, DL7UBA, DL7URH, DL7UTM, DL7VOA, DL7VRO, DL7ZZ, DL8AKA, DL8ALU, DL8AUA, DL8DYL, DL8WAA, DL9AWI, DL9DRA, ops)	18,987,007	19831	409
EMØHQ (UA9KS, UR3MP, UR5EAW, UR5ECW, UR5EDU, UR5EDX, UR5EFJ, UR5IFB, UR5IOK, UR6IM, UR7EU, UR9IDX, US1ITU, US1MM, US2IM, US2IR, US7IM, US7MM, UTØZZ, UT2IJ, UT2IY, UT2UB, UT3IZ, UT3UZ, UT5HP, UT5MB, UT5MG, UT5UIA, UT7EC, UUØJM, UU4JGR, UU4JMG, UU6JM, UU8JK, UX1MM, UX2MF, UX2MM, UX5MZ, UX6MM, UX7MA, UX7MM, UX8MM, UYØMM, UY6IM, UY8IF, ops)	18,215,157	14919	393
R3SRR/2 (DK4VW, DK8LV, EU1MM, RA2FA, RA2FBC, RA2FCL, RA2FO, RA2FW, RA4LW, RK3BY, RN1AM, RN2FA, RN3OO, RN3QO, RU4HP, RV2FW, RV3BA, RW4WO, RW4WR, RX3APM, RZ3FA, UAØQMU, UA1OMS, UA2BD, UA2FAM, UA2FB, UA2FC, UA2FF, UA2FJ, UA2FM, UA2FP, UA2FX, UA3ASZ, UA4LU, UA4LUL, UA4RC, UA6LV, ops)	16,569,632	13025	382
PA6HQ (PA4MM, PA3ALK, PBØAIU, PA3BAG, PA4LA, PA5TT, PAØABM, PB7CW, PE9DX, PA3EWP, PA5ET, PA3CAL, PA3FQA, PA4EA, PA7FM, PA5GV, PA4WM, PA3GCV, PE1HWO, PA3HBB, PA3EZL, PA3FDO, PA5NT, PA7BT, PA5ZZ, PA1AW, ops)	14,209,200	11366	360
4OØHQ (YU1JW, YU1KX, YU1NW, YU1UH, YU1ZZ, YT1BB, YU7AC, YU7AV, YU7BW, YU7CB, YU7CM, YU7GO, YU7GW, YU7JX, YU7KW, YU7NW, YU7WA, YU7YG, YT7KF, YT7TY, YZ7AA, YZ7DM, 4N7CA, 4N7DW, 4N7TW, 4N7ZZ, ops)	13,507,739	12551	371
SNØHQ (SP2FAX, SP2FWC, SP2WKB, SP3GEM, SP3HRN, SP3RBI, SP3RBR, SP4EEZ, SP5GRM, SP5INQ, SP6AYP, SP6AZT, SP6ECA, SP9ERV, SP9EWQ, SP9LJD, SP9NLK, SP9QMP, SP9WZJ, SP9XCN , ops)	13,074,304	11204	368
OMØHQ (OM1KM, OM2RA, OM2KW, OM2FY, OM2ZZ, OM3GB, OM3RM, OM3LU, OM3EA, OM3NA, OM5DX, OM5RW, OM5ZW, OM5RM, OM5DP, OM5TX, OM7JG, OM8AM, OM8AU, ops)	12,437,172	11741	361
W1AW/4 (AE4SW, AJ4Y, K4EL, K4LM, K4LQ, K4OJ, K4PG, K4XS, KD4UJK, KR4YL, KT3T, N3NN, N4BP, N4DL, N4KM, N4OX, N4PN, N4QV, N4TO, N4UF, N8PR, NA4AR, NA4CW, NU4Y, W1CW, W1YL, W4IR, W4SO, W4ZW, WA4B, WA4IMC, WD4AHZ)	10,720,370	11121	323
YRØHQ (YO2BEH, YO3APJ, YO3CDN, YO3FRI, YO3FWC, YO3GDA, YO3GJC, YO3GOD, YO3JJ, YO3ND, YO4AB, YO4ATW, YO4HW, YO4NF, YO5AJR, YO5BJW, YO5BLA, YO5TE, YO6AWR, YO6FWM, YO8AXP, YO8BPK, YO8CQQ, YO8DDP, YO8WW, YO9FJW, YO9GZU, YO9IGI, ops)	10,016,502	10401	347
NU1AW (KI1G, WF1B, NB1B, N1RR, WM1K, KM1P, KB1H, NB1U, K1EBY, N1XS, KE1LI, KB1DFB, AA1CE, LU9AY, W1RM, ops)	9,322,316	8545	316
SK9HQ (SM5AQD, SMØDRD, SM2EZT, SMØGYX, SM5HJZ, SMØJHF, SMØJSM, SMØKCO, SMØMXO, SMØTQX, SM7TZK, SMØWKA, DJ1YFK, ops)	8,817,970	7864	322
EW5HQ (EU1AZ, EU1CL, EU1FC, EU1SA, EU1UN, EW1NY, EW2AA, EW2ZB, EW6WF, ops)	8,234,562	7756	323
IU2HQ (I2MQP, IK2HKT, IK2CIO, IK2AHB, I2IFT, I2CZQ, IK2GSN, IK2GZU, IK2SAU, IK2NCJ, IK2JUB, I2OKW, ops)	7,183,110	7898	330
ER7HQ (ER1BF, ER1FF, ER1LW, ER3CW, ER4DX, ER5AA, ER5AL, ER5DX, ER5OK, UT7ND, UR5NMM, ops)	6,381,609	6521	307
GB5HQ (+GB3RS, GB4HQ) (G4JVG, G4EOF, GM3WOJ, GM4CXM, GMØCLN, GMØNAI, MMØCCC, ops)	5,658,953	6267	269
OH3X (OH3ES, OH3LQK, OH3RM, OH3RR, OH3WW, OH3XR, ops)	3,970,048	4687	256
S5ØZRS (K1CC, N4GN, N5ZO, OH2BH, OK2PAY, S51UE, S52CW, S52GP, S53XX, S57GM, S57KM, S57XX, S58J, S58MU, S59ZZ, S51TE, S51UJ, S52RO, S57MWJ, ops)	3,922,310	5163	274
T9ØHQ (T94YT, T94DO, T95DXT, T94NR, T95MEQ, T95MEH, T94TX, T97C, T99Z, T94OL, T94NO, T98R, T95MOJ, T94CW, T92D, T92PGY, T92SOU, T94KU, T95T, T95DOA, T95LQG, T94EX, T94GG, T94MZ, T94LW, T94ZZ, T99P, T94J, ops)	3,914,350	5755	275
3A2K (3A2AH, 3A2CR, 3A2LF, 3A2MS, 3A2MW, OH2BC, OH2TA, OH9MM, ops)	2,069,704	3460	182
9V9HQ (9V1YC, 9V1BH, ops)	1,906,529	2664	179
J39HQ (AC8G, W8UE, ops)	1,557,044	2365	194
T77C (T77C, N6TJ, CT1BOH, ops)	1,361,673	2588	171
VE7RAC (at VE7SV) (VA7NT, VA7AM, VE7CA, VA7TT, VE7AGG, VE7MKA, ops)	1,256,736	2226	159
LXØHQ (LX1KQ, DL4FCH, LX1MG, DL3FCP, ops)	1,256,577	2244	159
OE2S (OE2GEN, OE2MON, OE2LCM, ops)	673,792	1838	112
OE1XHQ (+OE2S, OE6Z) (OE1EMS, OE1SZW, OE2GEN, OE2LCM, OE2MON, OE6HZG, OE6MBG, ops)	464,970	1854	110
LY1RMD (LY2BLQ, op)	272,840	605	152
DX1HQ (DU1SAN, DU1MS, RK3DT, DU1QNT, DU1IHU, DU1BP, DU3SV, ops)	265,115	696	85
HPØHQ (HP1AC, op)	111,132	325	81
LZ8NFF (LZ1OF, op)	15,088	120	46

tester Fred, K3ZO, rounded out the Single Operator W/VE winners by taking the Mixed Mode category by a score of 2,054,140 to 1,810,524 over John, N2NU. The final W/VE Championship honors go to the multioperator crew at KH7R, who used their offshore locale to outscore the K5NZ operators 1,757,154 to 1,460,592.

Unique to this Championship are the IARU Society Headquarters Stations. While they only count one point per QSO, they do count as a special multiplier. Thirty-one entries were received from HQ stations. Leading the way once again was the DARC submission from DAØHQ, which posted an all-time high HQ score of 18,897,007. Also of note were the dedicated UARL operators at EMØHQ, who also bettered the old HQ record.

The IARU HF World Championship offers contesters a unique event that continues to display its popularity. The shorter duration of the event allows even the casual contester a chance to put up a competitive effort while challenging their operating skills. While skill and durability are key components, it doesn't require a Herculean marathon effort to participate for the full 24 hours of the event.

The 2001 IARU HF World Championship will be contested this coming July 14-15. Remember that electronically generated entries must be submitted in the required Cabrillo file format within 30 days after the end of the contest. Full rules for this year's contest will be found in the April issue of *QST* or online at **www.iaru.org/contest.html** after mid-March.

The time to start planning to participate in this year's premier radiosport event is now. You may not be able to run the Boston Marathon, compete in the World Cup for Brazil or drive in the 24 Hours of Le Mans. But any licensed Amateur Radio operator can test their skills and challenge themselves in the best challenge of their hobby: radiosport. See you on the air in July!

Scores

Scores are listed by ITU Zone, and then by country, ARRL Section, or Canadian Province with the zone. Line Scores indicate call, final score, QSO total, Multiplier total, and entry class (A = Single Operator Mixed Mode, B = Single Operator Phone Only, C = Single Operator CW Only, D = Multioperator Single Transmitter).

Zone 1
Alaska

WL7CMK	86,028	354	67	B
KL7FAP	1,152	24	16	B

Zone 2
Canada
Alberta

VE6JO	498,708	1049	126	A
VE6MAA	6,541	59	31	B
VE6JY	4,620	44	33	B
VE6BF	209,138	496	106	C

British Columbia

VE7XB	10,744	75	34	A
VE7SL	3,562	63	13	A
VE7UQ	40,257	175	63	B
VE7XO	38,742	185	66	B
VE7UF	313,848	733	108	C
VE7IN (+VE7FO)	351,764	792	119	D

Zone 3
Manitoba

VE4YU	143,592	415	93	A
VA4AA	3,066	44	21	B
VE4IM	103,760	337	80	C

Saskatchewan

VE5SF	262,363	693	109	A
VE5CPU	135,030	369	105	A

Zone 4
Quebec

VE2AWR	318,875	769	125	A
VE2GWL	29,274	213	51	A
VE2ZP (+VE3FU)	768,500	1350	145	D

Ontario

VE3AT	1,058,200	1800	143	A
VE3RM	665,550	1175	145	A
VA3JK	501,810	1041	129	A
VE3STT	367,428	703	134	A
VE3XN	275,440	671	110	A
VE3MQW	16,005	154	33	A
VE3KP	11,286	133	19	A
VE3/KØDI	2,890	60	17	A
VE3HX	445	89	1	A
VE3BUC	110,298	323	93	B
VE3YQY	29,870	151	58	B
VA3UA	485,996	1092	119	C
VE3ZPD	314,024	664	136	C
VE3IAY	259,109	634	113	C
VE3OSZ	49,407	142	129	C
VE3WZ	34,476	165	68	C

VYØ
Nunavut

VYØVDO	40,467	254	41	A

Zone 6
W6
East Bay

KE6QR	10,794	76	42	B
K6BIR	8,917	70	37	B
N6RO	792,160	1353	160	C
K6WG	73,590	327	66	C
KK6F	24,732	150	54	C
K6JAT (+WB6NER)	26,240	130	64	D

Los Angeles

N6ED	279,292	560	131	A
KU6T	105,350	337	98	A
K6RO	61,460	259	70	A
N6TW	19,822	105	53	A
N6GL	18,824	122	52	A
W6AFA	379,236	760	132	B
KB6FB	141,066	483	102	B
WB6NFO	54,670	194	77	B
WA6BOB	3,380	58	20	C

Orange

K6EY	126,040	421	92	A
K6ACZ	53,400	165	89	B
NJ6A	40,800	195	68	B
N6MJ (at W6KP)	1,519,755	1872	213	C
N6BM	299,835	671	135	C
W6EEN (+K6XC,N6RT)	1,125,927	1561	187	D

Santa Barbara

W6TK	150,038	425	98	A
WA5VGI	130,284	348	94	A
AC6T	588,434	1018	154	C
WA6BMH (W6BKY,KR6CL,KQ6FK, ops)	23,821	179	41	D

Santa Clara Valley

N6EM	94,500	275	100	A
K6L (W6ISO, op)	74,824	239	94	A
K6EP	44,280	186	72	A
N6JM	37,888	150	74	A
NN6XX	61,254	213	83	B
K6A (K6III, op)	130,350	366	110	C
N6NF	59,582	284	62	C
K6AT (K6MJ, op)	36,421	122	77	C
KQ6CV	10,542	93	42	C
N7FF	7,224	92	28	C
W6PRI	189	8	7	C
W6YX	415,625	967	125	D
K6YA (AA6TA,W6FZA, ops)	94,688	259	88	D

San Diego

N6VH	60,408	251	72	A
N6VS	13,104	78	52	B
K7JJ	138,775	429	91	C

San Francisco

K6CTA	53,328	281	66	C

San Joaquin Valley

N6MI (at N6NB)	533,271	988	149	A
KI6PG	24,050	104	65	B
K6MI	1	1	1	B
K6TTT	138,648	394	106	C
WA6FGV	126,960	529	80	C
K6CSL	9,243	67	39	C

Sacramento Valley

K6TA	64,446	237	69	A
K6LRN	12,198	107	38	A
K6KO	511	17	7	B
W6NKR	89,001	243	93	C

W7
Arizona

N7UJJ	165,444	477	102	A
KD7EJC	152	12	4	B
W7YS	35,091	150	63	C
K7ON	14,950	184	26	C

Eastern Washington

W7AVA	4,077	39	27	B

Idaho

KW7N	31,188	144	69	B

Montana

K7ABV	53,526	215	66	A

Nevada

K7NV	656,230	1284	137	C

Oregon

WA7ND	46,332	325	44	B
W7YVK	1,818	25	18	B
K4XU	887,680	1488	152	C
W7YAQ	573,792	886	172	C
W7ZB	514,311	976	133	C

Utah

W7HS	58,683	199	93	C

Western Washington

W7TSQ	36,432	158	72	A
W7RM (W4AN, op)	1,454,336	1970	184	C
K7RI (NW7DX, op)	660,150	1318	135	C
AB7RW	134,700	342	100	C
AD7U (+N6HR)	925,452	1554	164	D
N7WA (+W7CAJ,W7/JR1NKN)	361,879	871	119	D
W7OM (+K7SS)	251,922	601	121	D

Zone 7
W5
Arkansas

KC5LDC	570	19	10	B
KM5G	391,748	854	119	C

Louisiana

W5WMU	1,241,723	1863	179	A
KZ5D	1,040,026	1641	181	A
W5WZ	72,890	299	74	A
N5IX	22,152	121	52	B
W5CTV	5,460	57	30	B
K5MC	254,898	589	126	C

Mississippi

KE5K	104,067	299	93	B

North Texas

K5ZO	905,352	1445	168	A
N5JR	382,440	810	120	A
KN5L	66,690	256	78	A
W5RNF	58,425	242	75	B
W5AP	38,805	168	65	B
NF5W	19,432	101	56	B
K5VPQ	2,852	43	23	B
KC5OZT	1,566	29	18	B
WXØB (W4PA, op)	1,754,808	2196	204	C
K5RX	1,001,368	1361	199	C
N5PO	471,504	893	141	C
W5FO	383,166	830	126	C
WQ5W	298,840	637	124	C
NN5T	102,400	321	100	C
W5KAU	36,888	178	58	C
K5MR (+K5OT,K6NR,N5QQ)	1,417,955	1815	203	D
AA5NT (+WD5FLK,N5NJ,N3BUO)	1,110,550	1740	167	D

Oklahoma

N5RXF	72,656	291	76	B
N5PMP	57,974	205	82	B
K5HP	374,750	874	125	C
K5KA	155,904	505	87	C
K5ADI (+K2BA)	334,880	780	112	D

South Texas

NA4M	310,632	722	129	A
K5TR (at W5KFT)	1,629,024	2173	213	B
W5GCX	28,535	120	65	B
K5GN	1,515,594	1791	222	C
K8EP (at NX5M)	739,500	1398	145	C
KE5C (at N5TW)	574,575	1092	141	C
K5WA	414,271	839	143	C
KG5U	93,342	299	94	C
K5PI	78,802	351	62	C
NO5W	37,200	192	62	C
W5EB	13,072	72	43	C
W5NR	144	13	6	C
K5NZ (+W5BAK,K5GA)	1,460,592	1973	196	D
W5SB (+N1LN,K1OJ,W5MJ,WA5OJE)	210,956	789	92	D

West Texas

N5DO	665,616	1107	168	A
KE5OG	66,439	262	79	B

W7
Montana

KC7UP	4,056	48	26	B

Wyoming

NT7A (NØAH, op)	565,360	1050	148	A

W9
Illinois

K9SD (+KWØA,KAØGGI,KI9A,K9DD)	913,325	1626	175	D

Wisconsin

KB9JIF	64,640	264	64	B

WØ
Colorado

WØTM	978,462	1488	171	A
KGØZI	337,900	862	124	B
K9MWM	204,549	447	123	B
KØUK	102,069	290	99	B
KØRF	1,203,234	1687	186	C
KØMT	176,500	495	100	C
KØCOP	6,944	71	32	C
ABØMV (+AEØQ)	572,800	1152	128	D

Iowa

NEØP	98,640	372	90	A
WØETC	511,173	1002	153	B
WØPPF	16,966	148	34	B
NØAV	669,980	1231	139	C
NØAC	107,793	403	87	C

Kansas

KØBJ/M	3,277	52	29	A
WØBR	26,474	134	61	B
WA5BOW/M	1,962	33	18	B
KØLLS	639	17	9	B
KGØUA	33,664	139	64	C
KKØSS (+KE4FDP,NØNB)	673,594	1309	139	D

Minnesota

KØOB	204,864	610	97	A
NØXW	50,464	201	76	A
WØHW	80,433	292	81	C
KØAD	70,752	354	67	C

Missouri

KØOU	337,625	790	125	A
KIØHQ	113,796	417	87	A
WAØOTV	3,860	61	20	A
WØDLS	50,127	199	77	B
KØDAT	17,112	100	46	B
K2HT	6,042	51	38	B

North Dakota

WBØO	436,885	890	131	C

Nebraska

WØUVC	119,625	261	125	B
NEØDX	75,154	193	106	B
NØLGU	15,745	111	47	B
KØXU	10,080	71	35	B

South Dakota

WØSD (WØDB, op)	801,003	1399	147	A
WDØBMR	156,222	437	99	B
WBØULX	18,582	100	57	B

Zone 8
W1
Connecticut

NT1N	1,695,864	2058	228	A
N4QX (at W1INF)	38,998	179	74	A
K1JN	363,150	723	150	B
W1CRS	105,844	398	94	B
N1ZXL	1,786	31	19	B
W1WEF	1,574,986	2104	191	C
W1QK	795,039	1545	131	C
N4XR	75,684	192	119	C
K1UQE	14,617	90	47	C
WB8IMY/1	12,222	93	42	C
W1CU (+K2RD,WA1FCN)	881,600	1218	190	D
WA1RR (KA1VMG,N1ZRD, ops)	172,144	502	116	D
N1MD	106,890	279	105	D

Eastern Massachusetts

K1HT	214,529	504	133	A
K1JE	208,864	537	107	A
N1AU	30,753	143	67	A
WA1NPZ	160,146	370	123	B
W1KM	1,163,790	1482	201	C
K1VUT	1,151,850	1712	175	C
WO1N	353,133	804	123	C
K5MA	309,504	751	104	C
K1GU	141,246	369	118	C
K1RB	37,544	198	76	C
K1EP	25,254	140	61	C
W1TW	14,718	121	66	C
N1BB	846,615	1434	165	D
W1ZT (+K1EO)	714,194	1174	169	D
K1NU (+packet)	114,130	282	113	D

Maine

NY1S	361,261	772	139	C
W1QHG	3,192	32	21	C

New Hampshire

K1RO	69,132	274	84	A
KE1KD	53,466	257	67	A
WS1A	590,004	1046	162	B
W1DAD	81,969	293	89	B
KR1G	1,389,884	1807	188	C
WC1M	1,194,270	1816	165	C
NR1DX	1,139,230	1563	185	C
KC1F (+packet)	97,012	332	79	D

Rhode Island

K1PLX	317,364	620	159	B

Vermont

AA1SU	219,520	596	128	A
KK1L (at WJ1Z)	730,448	1554	142	B
W1CX	584,928	1203	144	C
K1KU	20,852	127	52	C

Western Massachusetts

N6RFM	544,086	850	167	A
KX1X	107,300	340	100	B
N1ZZZ	3,180	42	30	B
W1TO	80,500	258	92	C

W2
Eastern New York

N2BA	1,737,883	2182	203	A
K2SX	870,688	1314	184	A
K2ETA	102,375	302	105	B
W1NXB	7,627	94	29	B
W2ZU	150,535	433	85	C
K2ZZ (+W1QJ,N1GS,WV1V)	2,210	52	26	D

NYC-Long Island

K2QMF	167,922	416	114	A
NI2P	84,150	269	90	B
N2GC	497,310	934	165	C
N2NI	17,155	128	47	C
N1XL (+K2GH)	162,426	480	107	D

Northern New Jersey

N2ED	660,914	1157	158	A
W1GD	593,028	863	171	A
N7UN	132,696	408	97	A
W2UDT	117,900	361	100	A
W2/VE3XAP	281,760	620	120	B
WA2BKN	4,218	46	38	B
W2EN	482,384	920	146	C
WA2VYA	295,458	641	138	C
W2LRO	6,256	184	34	C

Southern New Jersey

N2NU	1,810,524	2437	186	A
N2RM	1,201,478	1720	181	A
W2YC	378,764	586	179	A
WK2G	265,980	810	93	C
N2CQ	9,612	87	36	C
WA2VQV	7,830	60	45	C

Western New York

KM2L	39,884	214	59	A
N2UHI	30,444	192	59	A
WB2AIV	12,246	98	39	A
KG2AU	132,264	407	88	B
WB2OSM	124,696	426	88	B
N2LQQ	16,008	100	46	B
K2UA	1,392,494	1953	178	C
N2CU	784,412	1220	164	C
KW2J	219,924	716	82	C
WA2EYA	26,730	157	55	C
W2FUI	15,505	131	35	C
W6XR (+N2AU,W2AD)	1,159,038	1844	171	D

W3

Delaware

KF3BT	1,218	32	21	A

Eastern Pennsylvania

KB3TS	269,000	592	125	A
K3PP	104,475	301	105	A
W2TN	298,155	659	139	B
KB3CRG	8,224	87	32	B
AA3B	1,248,156	1751	189	C
W3BGN	176,770	429	110	C
N3NZ	5,434	63	26	C

Maryland-DC

K3ZO	2,054,140	2301	220	A
W3UJ	174,720	438	120	A
K3TW	20,196	152	51	A
K3SA	14,973	141	23	A
N3HBX	508,125	1131	125	B
WZ3AR	337,428	631	156	B
K3GV	138,738	334	114	B
AJ3M	85,932	431	77	B
K2PLF	579,864	1030	148	C
N3NT	375,947	732	143	C
W3CP	121,873	304	107	C
NY3M	120,350	438	83	C
W3FQE	1,957	34	19	C

Western Pennsylvania

N3GJ	216,600	483	114	A
AD8J	94,924	348	76	A
AA3LX	75,287	274	79	A
N3YEA	7,650	88	30	B
WBØIWG	1,034	44	11	B
KA3S	261,096	594	129	C

W4

Alabama

K4AB	1,263,924	2020	188	A
KU4BL	69,255	273	81	B
KT4XA	10,175	83	37	B
W4NTI	124,836	408	103	C
KS4YT (+KV4T)	329,554	932	106	D

Georgia

K4OGG	73,950	316	58	A
WA4TII	453,468	798	159	B
NJ8J	1,513	28	17	B
N4DU	341,700	782	134	C

Kentucky

K4IU	266,465	635	137	A
WC4I	532,000	1195	125	B
W4LC	82,560	253	86	B
KN4IV	23,562	140	42	B
K4AO	460,551	1006	147	C
KG4BIG	45,954	289	69	C
N4XM	4,200	69	20	C
N4OKX (at N4GN) (+KS7O,N9FD,N4XM)	657,760	1209	160	D

North Carolina

KS4XG	717,760	1312	160	A
N4UH	597,618	1226	126	B
W4YDY	77,074	267	89	B
KF4RDP	59,850	207	90	B
K4TMC	27,378	129	54	B
KF4VMT	14,996	97	46	B
N4AF	1,676,374	2103	203	C
N4CW	654,829	1268	139	C
WJ9B	167,256	513	101	C
W4MR (AA4NC,KI7WX,K4HA, ops)	1,240,304	1887	178	D

Northern Florida

KB4N	9,669	94	33	A
N4EK	134,640	554	85	B
KE4SCY	50,052	170	86	B
W4UEA	42,486	182	73	B
WB4IHI	32,136	133	78	C

South Carolina

K8MR	55,388	276	61	A
W2JJC	385,203	1037	119	B

Southern Florida

W4SAA	92,700	356	90	A
W1ENZ	23,598	135	46	B
KA3MTO	20,252	116	61	B
KD4LIV	424	15	8	B
K1PT	578,187	1031	153	C
WD4JR	125,370	387	105	C
W2OO	10,045	77	41	C

Tennessee

K4BEV	117,758	347	97	A
WO4O	6,994	99	26	A
NY4T	196,680	583	132	B
N5TWV/4	101,689	401	73	B
NØBG	96,228	286	99	B
K4OOO	47,810	191	70	B
KW4JS	23,162	173	37	B
AK4ST	9,503	74	43	B
WD4PTJ	693	17	9	B
WW4RR	1,080,744	1978	147	C
K4RO	838,352	1568	151	C
N4DW	282,375	589	125	C
K4LTA	200,043	763	93	C
AA3VA	115,218	320	111	C
W4NZ	63,543	289	59	C
N4KN	25,920	291	48	C
W4AUI	6,580	72	35	C

Virginia

W4MYA	1,328,739	1916	177	A
K4UVT	51,090	195	78	A
WB4DNL	10,620	180	59	A
WF3J (UA6AN, op)	572,010	1096	138	B
N4MM	232,218	500	126	B
KU4FP	74,074	231	91	B
KC2JT	48,919	208	71	B
K3ZJ/8	39,738	409	37	B
WA4FXX	10,564	74	38	B
W4BQF	45,375	360	33	C
K6ETM	1,679	33	23	C
N3ME (+ops)	986,752	1308	208	D

West Central Florida

K4LQ	271,425	436	165	A
W4UM	11,154	94	33	A

W5

Mississippi

KB5FET	64,452	209	82	B
KF5AU	53,840	188	80	B
AC5SU	71,617	312	91	C

W8

Michigan

K8GT	231,336	540	126	A
NU8Z	134,394	498	78	A
N8NX	109,074	345	98	A
KC8FXR	38,160	266	53	A
N8CN	98,982	306	94	B
KB8QO	79,776	246	96	B
KC8MPQ	1,639	69	11	B
K8JM	290,952	789	108	C
KT8X	67,620	366	46	C
K8IR	61,067	201	79	C
K8CV	52,500	220	84	C
KB8PGW	24,232	185	52	C
NZ8O (W8MJ, op)	12,796	155	28	C
K8CC (+K8GL,WD8S)	1,433,712	1918	204	D

Ohio

N9AG	1,464,580	1810	215	A
W8AV (+K4LT,K8AJS)	992,976	1711	151	A
N8BJQ	630,420	1147	158	A
W8VE	140,250	451	110	A
K8ZT	11,232	107	39	A
KC8HWV	19,768	118	56	B
N8KM	19,400	102	50	B
N8WEL	12,720	72	48	B
KC8ANW	4,536	50	27	B
WB4JMO	4,264	64	26	B
W8KNO	570	19	10	B
W8GN	696,784	1251	148	C
KU8E	401,520	913	140	C
N8AGU	101,084	364	74	C
WT8P	58,254	333	73	C
W8IDM	29,380	126	65	C
AA8LL (+packet)	124,344	400	88	D

West Virginia

K5IID	379,093	835	143	A
KV3R	219,510	472	135	B
K8OQL	250,428	654	123	C
KG8GW	64,240	339	80	C

W9

Illinois

K9PG	262,680	655	132	A
W9LYA	92,718	361	102	A
KG9N	1,260	87	3	A
WB9Z	1,609,968	2104	204	B
K9YU	108,339	403	77	B
KB9UWU	62,920	396	65	B
W9LYN	46,580	152	85	B
W9HL	17,702	100	53	B
K9QVB	497,078	1096	127	C
K9MMS	300,981	666	123	C
K9GY	114,130	366	101	C
W9EBY	88,815	325	93	C
K9UQN	59,214	246	71	C
W9QFV	14,820	159	39	C
WB9MII	444	27	12	C
NO9Z (+KX9X)	1,210,941	2018	157	D
K9QT (+ops)	103,418	342	83	D

Indiana

W9RE	1,658,038	2041	211	B
K9NW	1,255,093	1694	199	C
WT9U	556,498	1219	142	C
KJ9C	220,388	551	119	C
K9IG	130,356	377	102	C
K9BG	88,548	299	94	C
K4AT (at W9UR) (+K4WW,KC4WQ,W9UR)	424,980	1051	135	D

Wisconsin

KB9KEG	43,860	181	60	A
N9PQU	196,878	520	114	B
W9HR	5,082	46	33	C

Zone 9

Canada

Maritime

VE1JX (K6HNZ, op)	1,121,586	1700	159	B
VE1JS	421,212	774	132	B

Newfoundland-Labrador

VO1MP	1,042,910	1372	190	A
VO1UO	98,577	342	81	B

Zone 10

Mexico

XE1V	102,588	304	103	A
XE1/AA6RX	129,265	357	103	C
XE2L (+XE2MX,K6AM,N6KI)	835,380	1677	140	D

Zone 11

Jamaica

6Y4Y	5,040	48	30	B

Barbados

8P6SH	99,110	272	106	B
8P6EX	80,896	321	79	B

Panama

3E1AA (HP1XVH, op)	1,384,269	2120	157	B

Dominica

J75KG (K5KG, op)	1,486,975	2137	175	A

Netherlands Antilles

PJ2I (ON4CFD, op)	568,386	982	126	B

Virgin Islands

NP2DJ	25,355	146	55	B
WP2Z (AG8L, op)	1,448,735	1841	205	C

Puerto Rico

WP4LNY	113,634	504	59	A
KP4KOE	2,548	49	14	B
KP4/K2OVS	1,218	21	14	B

British Virgin Islands

VP2VF	95,612	618	44	B

Turks & Caicos Islands

VP5O (RA9CO, op)	1,653,964	1873	221	A

Zone 12

Colombia

HK3JJH	271,278	924	63	B

Argentina

LU3ES	13,650	94	35	B

Venezuela

YV5NWG	16,974	93	69	A
YW1A (YV1AVO, op)	254,072	973	56	B
YV2FEQ	24,705	187	27	B
YV7QP	64,952	212	92	C

Zone 13

Argentina

LU5VV	1,003,054	1265	173	B
LU1UM	435,768	748	134	B

Brazil

PS7SAS	164,027	402	89	B
PS7HF	114,696	406	72	B
PP7ZZ	53,920	185	80	B
PT2ND	29,859	189	37	B
PR2G	28,600	137	55	B
PS8NF	23,052	121	51	B
PR7FN	13,760	100	43	B
PT2CSM	11,868	84	46	B
PR7AR	9,920	80	32	B
PY7BEL	6,860	59	35	B
PR7SM	4,998	58	21	B
PR7SD	1,029	23	21	B
PR7QI	512	19	16	B
PS8ET	220	12	11	B
PX2W	117,868	338	79	C
PY2NDX	81,592	315	56	C
PY7ILM	35,673	145	69	C
PP7CI	28,458	119	54	C
PY2ECP (+PU2NYV)	86,805	440	45	D

Zone 14

Uruguay

CX9AU	328,160	642	112	C
CX3CY	4,608	109	9	C

Argentina

LU4FM (LU4FPZ, op)	1,488,256	1867	176	A
LU1FNH	398,174	764	119	A
LU5ER	16,960	97	53	A
LU1NDC	1,353,885	1846	159	B
AYØN	964,782	1152	186	B
LU4DX	455,847	710	147	B
LU6FF	398,160	764	120	B
LU5FB (LU1FKR, op)	165,292	467	86	B
LU1NAF	119,658	613	42	B
LO7H	106,875	508	45	B
LP2F (LU2FT, op)	57,970	262	62	B
LW7EGO	19,448	142	34	B
LW8EXF	15,677	86	61	B
LW9EOC	3,546	53	18	B
LU1DZ	278,002	614	97	C
LU5FA	223,300	962	50	C
LU8DW (+LU7AWP,LW9DAH)	433,041	823	119	D
LU1BJW (+LU1AEE)	103,600	316	80	D

Zone 15

Brazil

PY2KC	2,027,851	2396	193	B
PY5HSD	236,320	498	112	B
PY2P (PY2RIK, op)	143,047	586	53	B
PU2PGR	63,651	310	49	B
PY2LED	53,694	310	38	B
PY5GA	29,610	120	63	B
PY1SX	10,016	77	32	B
PY5BF	8,512	102	19	B
PU2TES	2,839	35	17	B
PU2UDT	1,932	29	21	B
PT2AW	83,460	291	65	C
PY3AU	71,208	204	86	C
PY7OJ	33,642	139	63	C
PY2QD	9,772	92	28	C
PY3FBI	8,901	87	23	C
PY2GG	255	11	5	C
PY5FB	200	9	8	C
ZX5J (PP5WG,PP5UA,PY3PAZ, ops)	2,082,307	2562	179	D
PY3MHZ (PY3ADY,PY3AFS,PY3BM, PY3BZA,PY3FOX,PY3MM,PY3TMR, PY3YY, ops)	263,424	514	128	D
PY2GEC (PY2RIK,PY2ESZ,PR8RZJ, PU2WFP, ops)	137,484	409	76	D
PY2LDS (PY2NX,PY5FB, ops)	15,356	89	44	D

Zone 16

Chile

CE8EIO	132,750	396	75	B

Falkland Islands

VP8DBN (GØKTH, op)	924	20	12	B

Zone 18

Norway

LA2IR	80,100	250	90	B
LA2EIA	29,610	167	63	B
LA9VBA	8,220	71	30	B
LA2HFA	132,940	352	115	C
LA5TFA	53,550	228	90	C

Aland Islands

OHØV (OH6LI, op)	405,283	1534	67	A
OHØPM	1,758,540	2018	237	C

Finland

OH1F (OH1MDR, op)	2,157,654	2275	258	A
OH2BLF	196,470	501	111	A
OH8CW	155,880	461	120	A
OH2RA	1,160,123	1507	193	B
OH2BPA	69,106	218	109	B
OH5PA	2,898	50	21	B
OH1MM	2,060,580	2264	244	C
OH9W (OH6EI, op)	1,786,428	2074	238	C
OH6XY	1,053,990	1616	210	C
OH6NJ	987,528	1475	184	C
OH2FS	101,016	281	92	C
OH2YL	24,388	114	67	C
OH1UP	19,323	112	57	C
OH3TZ	18,972	97	68	C

Denmark

OZ5EV	188,754	376	163	B
OZ1ACB	162,433	400	127	B
OZ7RJ	78,182	252	97	B
OZ3ANT	30,289	255	87	B
OZ4NA	20,800	107	64	B
OZ1AA	1,274,875	1542	217	C
OZ8SW	141,500	344	125	C
OZ4FF	85,028	235	116	C
OZ1HQG	75,330	269	93	C
OZ5DX	12,460	92	35	C
OZ5RM	11,078	114	29	C

Sweden

SM6WQB	272,573	569	161	A
SM7BJW	107,565	309	101	A
SM6DER	91,044	329	81	A
8S5A (SM5AJV, op)	68,060	264	82	A
SM3D	17,116	136	44	A
SMØBDS/6	1,092	26	14	A
SM3LIV	170,125	424	125	B
SM5ARL	154,616	300	154	B
8S7K	32,880	160	60	B
SM3FJF	19,026	127	63	B
SM7HSP	17,105	81	55	B
SM7FTG	4,284	86	18	B
SM5G (SM5JBM, op)	303,208	579	151	C
SM6BSK	237,925	475	155	C
SM3X (SM3CVM, op)	235,704	650	122	C
7S5Q (SM5COP, op)	234,936	658	117	C
SK6HD (SM6FKF, op)	203,304	443	129	C
SM7BHM	155,104	417	131	C
SMØJ	110,400	300	115	C
SM3SX	76,533	266	97	C
SM7EH	69,093	228	81	C
SMØCCE	25,776	169	48	C
SK3W (SM3WMV,SM3SGP,SM5TXT, ops)	2,211,168	2216	248	D
SMØR (+SMØRUX)	46,500	201	75	D

Zone 19

European Russia

RZ1AWO (RA1ARJ, op)	650,106	1222	162	A
U1BA	147,750	366	125	B
RZ1ZB	292,572	626	129	C
UA1OAM	268,752	593	132	C
RN1AO	189,702	703	81	C
RK1NA	128,904	326	131	C
UA1ONG	58,233	377	47	C
UA1PBI	37,620	157	60	C

Zone 20

Asiatic Russia

RN9XA	757,212	1023	178	A
RA9XF	264,321	519	129	A
UA9JMS	64,856	232	67	A
RK9CWG (RA9CGK, op)	58,590	203	62	A
RK9AD	739,860	947	190	C
UA9XC	173,922	432	101	C
RX9JW	160,289	449	89	C
UA9XEN	77,468	204	107	C

Zone 21

Asiatic Russia

RJ9J (RA9JR, op)	1,684,494	1962	203	A
RA9KM	89,635	257	91	C

Zone 24

Asiatic Russia

UAØQO	165,850	390	107	A

Zone 25

Asiatic Russia

RMØI (RWØIP,RWØIW,UAØIAP,UAØIBB, ops)	119,460	470	66	D

Zone 26

Asiatic Russia

UAØKCL	183,976	440	104	C

Zone 27

Ireland

EI4DW	397,842	870	122	A
EI4CF	277,200	563	144	B
EI2CH	170,925	431	129	B
EI8GP	245,750	541	125	C
EI5IY	44,622	184	74	C

France

F5NBX	475,867	947	157	A
F5RAB	128,511	354	131	A
F6FTB	56,064	241	64	A
F5NYK	10,530	95	26	A
F5NZO	598,675	1028	175	B
F8CIO	436,221	767	171	B
F5BBD	221,394	595	91	B
F/DL2KDW	1,380	45	12	B
F5JBR	499,677	755	193	C
F5ROX	126,334	450	86	C
F6GQO	116,710	326	110	C
F5UJK	50,554	265	46	C
F5MFL	31,920	141	76	C
F5ICX	3,192	44	28	C

England

G4IIY	279,456	509	164	A
GØMTN	211,050	574	134	A
G3UFY	82,960	271	122	A
G4BJM	54,693	328	59	A
GØDVJ	17,646	124	51	A
GØNWY	45,648	206	72	B
G3FNM	40,348	171	77	B
GØIVZ	1,757,700	2129	225	C
G5G (GØLII, op)	1,216,950	1685	190	C
G3MXJ	637,214	1114	158	C
G4OGB	335,154	659	166	C
M4T (GØVQR, op)	223,244	682	98	C
G3YEC	124,267	333	121	C
G3MPB	74,880	267	90	C
G4FDC	5,814	62	51	C
M4R (G4AXX,G4KNO,G4EAG,MØDXR, ops)	1,083,665	1461	209	D
G3TXF	431,025	826	175	D
G4BWP (+packet)	6,448	270	8	D

Scotland

GM4ELV	6,996	80	33	B
GM3CFS	268,028	483	171	C

Wales

GWØAJI	32,120	214	44	B
GW3NJW	305,688	720	141	C

Luxembourg

LX1NO	1,500,096	1933	208	B
LX1JH	253,890	544	117	B

Belgium

ON4CAS	403,856	720	172	A
ON4KMB	57,665	239	95	A
OTØX	1,381,800	1729	210	B
OTØZ	941,216	1781	134	B
ON4BCJ	598,400	947	187	B
ON5GQ	412,112	699	172	B
ON4ANN	252,300	556	145	B
ON4CHK	13,320	101	40	B
ON5UM	335,823	636	157	C
ON4XG	205,960	421	152	C
ON6TJ	124,432	348	112	C
ON7CC	97,356	314	114	C
ON7SS	5,124	58	42	C
OTØP (ON6AH,ON7PC, ops)	465,766	1077	119	D

Netherlands

PAØMIR	540,995	831	205	A
PA5KT	283,220	582	140	A
PAØRRS	25,174	165	41	A
PAØIJM	500,612	1087	133	B
PAØJNH	116,938	332	118	B
PA3AAV	305,944	566	167	C
PA3ELD	76,368	270	86	C
PA3AFF	40,936	166	86	C
PA1MRK	30,442	257	31	C
PAØJR	15,390	104	57	C
PAØJED	8,004	100	29	C
PA3BEJ	4,862	53	34	C
PA3CLQ	4,134	52	39	C

Zone 28

Croatia

9A5I	229,425	512	161	A
9A3CY	114,267	363	123	A
9A/S53XM	43,911	253	51	A
9A/DK7ZT	23,616	157	72	A
9A/DF5ZV	20,988	148	66	A
9A5KV	334,495	1049	133	B
9A6ACY	80,324	445	86	B
9A2GA	319	13	11	B
9A1AA	1,100,846	1566	226	C
9A2EY	76,900	283	100	C
9A2TN	71,891	365	67	C
9A4OE	52,398	255	71	C
9A/DL2FDD	11,032	104	56	C
9AY2K (9A5W,9A6A,9A2R,9A7R,9A2EU 9A2AW, ops)	2,219,966	2584	257	D
9A8D	112,211	348	101	D

Malta

9H1ZA	835,490	1331	215	C

Fed. Rep. of Germany

DL4MCF	1,577,877	1972	227	A
DJ5BV	1,130,922	1204	243	A
DJ2AA	1,042,344	1488	186	A
DH1TW	1,028,924	1605	188	A
DL1EFD	831,844	1242	221	A
DKØOVL	696,385	1010	215	A
DM3FZN	378,100	650	198	A
DKØMN	339,680	803	160	A
DL3ZAI	208,978	480	154	A
DL1WA	197,608	519	136	A
DJ9RR	174,167	541	139	A
DK2OY	165,907	525	137	A
DJ1OJ	163,280	439	157	A
DJ2IA	151,480	348	140	A
DJ5BWD	142,891	434	137	A
DK4YJ	140,805	400	135	A
DL4SZB	137,108	310	151	A
DL4JLM	123,497	440	103	A
DM3XRF	121,550	387	110	A
DL7ANQ	101,880	337	120	A
DK2AT	100,422	333	126	A
DL1DXA	99,660	325	110	A

DL2RTJ 77,760 251 96 A
DM3HZN 75,905 265 85 A
DL5IAM 59,972 277 94 A
DLØHGW (DL9GMN, op) 58,300 234 106 A
DH2OOO 57,970 245 85 A
DJ5IW 53,144 215 73 A
DL9JON 47,718 166 99 A
DL2AL 35,816 177 74 A
DL4DRA 30,710 154 74 A
DF1LON 26,718 156 73 A
DL4FDM 12,160 104 76 A
DL5ZB 11,310 86 65 A
DL5AUA 10,812 103 51 A
DL1MGB 9,982 89 46 A
DL4AUE 8,648 74 47 A
DL1TC 7,560 58 42 A
DL4JTW 7,350 69 42 A
DF5AU 5,490 61 45 A
DL2AXM 1,100 28 22 A
DL9YAJ 1,486,134 1782 219 B
DL8PC 1,093,265 1124 205 B
DL8UD 1,028,775 1565 215 B
DL6NDN 257,840 731 110 B
DJ3HJ 192,814 527 107 B
DL7AOS 172,029 471 143 B
DF7YU 167,865 547 95 B
DF1ZN 161,976 405 136 B
DH2SP 139,080 410 122 B
DL8SDC 125,172 385 114 B
DK4IO 89,798 274 118 B
DH5AO 71,482 249 103 B
DH2SPK 65,598 296 87 B
DF1HF 63,648 221 104 B
DF3IS 56,496 230 88 B
DF2IAX 42,330 214 83 B
DL1FDK 33,840 192 72 B
DJ2UB 30,320 155 80 B
DH9SBL/P 26,523 162 63 B
DL6ZFG 25,920 160 80 B
DJ3XM 24,633 141 69 B
DLØTHR (DL3ARK, op) 24,346 139 74 B
DFØPT (DL8BCU, op) 22,754 135 62 B
DL8UAA 17,028 115 66 B
DL9ZWG 16,215 111 69 B
DL5FCV 15,330 102 70 B
DH1UZ 11,970 100 57 B
DJ6QO/P 5,772 64 39 B
DL1HSR 4,466 40 29 B
DK5KJ 3,906 42 31 B
DL7LZ 2,700 50 30 B
DH6ARM 2,295 31 27 B
DJ1VQ 1,710 44 19 B
DL1OI 528 31 12 B
DJ2YE 420 32 10 B
DL3KUD 832,832 1215 224 C
DL5RMH 601,020 998 189 C
DL3NM 572,000 974 200 C
DL5YYM 488,565 887 189 C
DLØLY 423,462 783 183 C
DH2FW 381,765 828 155 C
DLØMFL 378,841 745 157 C
DL5KUD 328,072 593 184 C
DL6KWN 318,696 655 168 C
DL6KVA 277,758 494 234 C
DL4HRM 258,029 658 163 C
DL5JRA 236,754 550 126 C
DL3KWF 232,432 575 146 C
DL1TH 216,954 462 153 C
DL6RDE 205,206 530 138 C
DL4JYT 196,392 437 168 C
DL4JU 192,015 435 153 C
DK7ZH 188,940 443 141 C
DJ3XD 183,126 428 138 C
DL6JZ 168,190 459 139 C
DL5SVB 157,058 447 127 C
DL1ARJ 142,576 383 133 C
DL3BZZ 132,556 396 124 C
DL3BRA 130,620 347 140 C
DK7FP 129,064 353 104 C
DL7CF 123,855 311 115 C
DL2ANM 123,280 325 134 C
DLØKB (DL2GBB, op) 121,984 331 128 C
DK3KD 96,301 471 53 C
DL3HSC 84,088 273 92 C
DL1IA 83,681 229 157 C
DL4FN 81,374 453 58 C
DL7JV 79,500 284 100 C
DJ5GG 75,255 263 87 C
DL1LAW 72,050 301 110 C
DJ6TK 65,586 224 102 C
DL5JAN 63,180 195 117 C
DL7SAL 54,288 224 87 C
DM3PKK 49,528 220 82 C
DL5DBH 42,076 202 67 C
DL3OBE 33,916 202 61 C
DL1FMG 30,368 182 73 C
DL5JS 25,550 146 73 C
DL5MY 21,375 156 45 C
DL5SE 18,174 176 39 C
DL1EV 16,790 88 73 C
DL5CL 14,535 105 45 C
DK5AI 7,020 56 52 C
DL5ANS 6,468 64 42 C
DL2VER 4,640 70 40 C
DL1SBF 3,002 51 38 C
DL9GMC 2,904 72 12 C
DK9KW 624 30 13 C
DKØUN (DL6DCX,HA7XQ, ops) 1,114,997 1685 199 D
DLØGVM (DK3GG,DK3RA,DL2KUW, DL3SUG,DG3TX, ops) 1,080,770 1547 230 D
DFØRI (DJ2QV,DK3DM,DL8OBQ, ops) 1,054,746 1490 231 D
DLØDR (DL5IAI,DF1IAO,DH1ID, ops) 378,120 985 120 D
DKØOG (DL2RMC,DF7RG,DL3MBG, ops) 357,602 764 178 D
DF7BL (+DJ9CN,DF5BM,DG8BR) 348,364 655 188 D
DLØGH (DJ2MX,DL2FDL,DL4FAY, ops) 330,564 839 163 D
DKØDH (DF2DS,DK1DX,DH5DAM, DJ2DX,DH6WA, ops) 132,396 380 118 D
DN2BW (DK9BW,DD8BE,DG6BU, ops) 61,920 257 90 D

Hungary

HAØHW 169,579 625 101 A
HA3OU 50,250 254 75 A
HA1XY 697,977 1181 189 C
HA4YF 433,320 759 184 C
HA6PQ 315,210 785 158 C
HA3PT 186,956 431 154 C
HA8LKB 44,612 261 76 C
HAØGK 11,433 111 37 C
HG6N (HA5TI,HA6DX,HA6ND,HA6NF, HA6NL,HA6NQ,HA6NY,HA6PX,HA6OB, HA6OI,HA6OY,HA6ON, ops) 3,819,315 3593 303 D

Switzerland

HB9QA 25,665 161 87 A
HB9CQS 6,641 69 29 B
HB9ARF 337,172 833 158 C
HB2DOT 316,526 791 161 C
HB9XY 19,544 150 56 C

Italy

IT9BLB 955,353 1470 201 A
IQ3X (IV3SKB, op) 576,710 1160 202 A
I2WIJ 215,436 607 156 A
IZ8AJQ 20,723 119 53 A
IR4B (IK4AUY, op) 859,569 1408 181 B
IR4R (IK4ALM, op) 774,720 1233 192 B
I3MLU 749,308 1115 196 B
IØSNY 729,930 1222 174 B
I1COB 529,950 1159 150 B
IK6GPZ 254,045 701 155 B
IZ5CML 227,808 424 168 B
IZØBVU 177,408 480 132 B
IZ1AWD 109,000 275 125 B
IZ5ASZ 92,358 263 126 B
II3L (IV3KAS, op) 90,852 294 113 B
IT9VCE 89,355 329 105 B
IK6UBY 61,946 227 94 B
IZ2BKA 39,128 170 73 B
IZØBPI 2,560 40 32 B
IK2WZV 543,576 1025 142 C
IQ6T (IK6SNQ, op) 456,918 1200 138 C
IKØHBN 359,716 708 203 C
IK4WMH 156,453 445 121 C
I6FDJ 139,230 415 117 C
IK2NCF 20,735 168 55 C
IR2D (IZ2DAY, op) 17,342 110 46 C
I5OQV 10,400 68 40 C
IZ1DFI 9,800 90 49 C
IOØA (IØTIC,IKØAZG,IKØXBX,IØZUT, ops) 1,359,306 1943 222 D
IK1SLE (+IZ1BPR) 1,046,784 1551 192 D
IK4RQJ (+IK4VET,IK4XCL) 860,649 1465 183 D
II1H (I1HJT,I1NVU,IK1QBT, ops) 804,436 1550 166 D
IZ6CST (+ops) 120,780 318 122 D
IK2WYI (+I2JIN,I2LOL,IK2SFM,IK2ULB) 115,390 384 110 D

Sardinia

ISØIGV 133,328 359 104 A
ISØHQJ 149,930 526 110 C
ISØOMH 116,718 537 98 C

Bulgaria

LZ3YY 578,495 1293 185 A
LZ1ZF 528,500 1201 175 A
LZ2AU 374,528 886 176 A
LZ1BJ 371,360 928 160 A
LZ2NB 184,098 501 122 A
LZ2MP 106,000 392 125 A
LZ2UZ 34,629 309 51 A
LZ1FW 10,320 102 60 A
LZ1HB 208,072 748 124 B
LZ1DM 77,990 303 110 B
LZ2FM 14,960 95 80 B
LZ3UA 11,544 236 37 B
LZ2PL 930,305 1490 215 C
LZ1KSN (LZ1QZ, op) 287,060 785 155 C
LZ2RF 197,208 824 88 C
LZ1QH 102,108 341 134 C
LZ2DL 34,580 150 76 C
LZ1QZ 780 16 15 C
LZ6A (LZ2EG,LZ2HR, ops) 852,452 1584 212 D

Austria

OE8SKQ 839,355 1416 165 A
OE5OHO 861,562 1367 169 C
OE6Z (OE6MBG,OE6HZG, ops) 259,692 1323 57 D

Czech Republic

OK1FPS 669,200 1036 200 A
OK1XUV 639,216 996 193 A
OK2ZJ 239,033 591 151 A
OK1FKV 146,740 549 110 A
OK1SI 82,731 309 109 A
OK2QA 69,483 381 53 A
OK2BJ 24,180 108 65 A
OK1SRD 1,909 32 23 A
OK1DUO 451,630 958 190 B
OK1LO 35,454 195 57 B
OK2SBX 26,992 158 56 B
OK2CMW 13,283 125 37 B
OK2ZU 929,632 1328 209 C
OK2WTM 666,918 1028 201 C
OK2DRU 647,295 1051 165 C
OK1DRU 616,804 1029 164 C
OK2DU 553,215 974 195 C
OL4M 485,810 867 185 C
OK2HBR 458,556 895 159 C
OK1ZP 415,096 693 178 C
OK1HX 374,600 680 200 C
OK2QX 332,815 612 185 C
OK1FCA 326,196 692 156 C
OK1JN 249,389 555 161 C
OK2HI 208,000 527 128 C
OK1WF 116,815 517 61 C
OK2LW 73,625 234 125 C
OK2VP 43,212 198 78 C
OK2BNX 40,843 240 47 C
OK1AYY 33,957 195 77 C
OK1DVK 25,286 101 94 C
OK1AOU 17,319 106 69 C
OK2BHE 14,079 89 39 C
OK2SWD 1,010 23 10 C

Slovakia

OM4TX 187,240 451 155 A
OM3CDZ 125,628 410 114 A
OM7VF 124,914 326 109 A
OM5KM 67,080 244 129 A
OM7AG 64,815 307 87 A
OM3YK 88,660 258 110 B
OM4DN 346,788 673 169 C
OM1M (OM1GM, op) 117,744 422 66 C
OM2TB 6,100 104 25 C

Slovenia

S57DX 1,576,438 2065 257 A
S55A 819,693 1350 189 A
S55WW 405,594 855 174 A
S51NM 275,236 613 158 A
S5/K6XX 228,935 535 155 A
S54X 215,194 538 133 A
S53AK 122,158 455 103 A
S57IIO 91,324 503 79 A
S52GO 66,624 294 96 A
S51T 37,500 172 100 A
S5/N6VR 10,146 98 43 A
S57NPR 3,510 73 30 A
S51CK 604,080 1225 144 B
S5V (AI6V, op) 495,608 983 164 B
S57SXS 47,168 290 64 B
S51AD 14,735 158 35 B
S51WO 131,757 417 111 C
S53AU 80,563 273 119 C
S53MJ 14,256 179 81 C
S5/K1KI 5,819 100 23 C
S5S (at S54AA) (K5KR,N6ZZ,S54AA, ops) 820,636 1464 193 D
S5ØC (Z31GX,Z31JA,Z32XX,Z31MM, ops) 729,068 1241 212 D
S5/DL2MY (DJ9MH,DL2NBU, ops) 212,550 591 150 D

Poland

SP4TKR 406,692 949 156 A
SP6MLX 395,478 707 173 A
SP2EWQ 387,612 719 194 A
SP5UAF 269,997 630 161 A
SP9LAS 247,508 544 172 A
SP5ICS 121,975 369 119 A
SP9GFI 119,296 337 128 A
3Z1V 112,893 299 121 A
SP9NH 81,991 318 91 A
SQ9DXN 40,326 195 94 A
SP2DKI 11,016 104 68 A
SP5DDJ/4 888 45 12 A
3Z7Z (SP7SEW, op) 247,533 701 143 B
SP6IEQ 145,743 374 111 B
SP3NUN 125,625 354 125 B
SP6NVK 112,266 335 126 B
SQØCUX 112,112 399 112 B
SP5LCC 109,747 370 121 B
SP9X (SP9XWD, op) 104,052 363 116 B
SP3MEP 92,510 272 110 B
SP7A 83,995 257 107 B
SN4AAZ 71,820 231 105 B
SP1PLA (SQ1FTB, op) 69,510 292 105 B
SN7BCG (SQ7BCG, op) 69,195 271 105 B
SP6GNJ 56,335 182 95 B
3Z7FBQ 53,064 219 88 B
3Z6V (SP6DVP, op) 38,052 175 84 B
SP8OOB 29,760 180 64 B
SP6OPY 23,530 124 65 B
SP6TRX 22,850 167 50 B
SP7GRV 22,746 146 51 B
SP3GHK 18,210 140 39 B
SP9WUM 14,137 96 67 B
SP4SHD 8,835 100 31 B
SP9DEM 6,120 50 36 B
SP6FIB 1,200 20 12 B
SP7GIQ 1,965,593 2286 227 C
SP1NY 647,710 997 190 C
SP4DZT 146,640 336 120 C
SP4GFG 130,200 344 150 C
SNØKYU (SP6LV, op) 127,250 351 125 C
SP6CXH 107,214 334 107 C
SP8FHJ 101,280 311 120 C
3Z8BAB 92,853 487 57 C
SP4GHL 78,390 208 117 C
SP6BEN 77,520 282 85 C
SP9FT 69,871 229 107 C
SP3CW 62,566 241 82 C
SP1AEN 42,282 193 81 C
SP4BOS 28,602 213 42 C
SP3AOT 22,400 117 56 C
SP2IHG 12,096 108 54 C
SP3AZO 3,720 76 20 C
SP2BLC 3,376 111 27 C
SN8M (SP8MI, op) 3,013 86 23 C
SP6LV 1,430 41 22 C
SP3BOL 76 13 4 C
SP3PFR (SP3MGP,SP3FLR, ops) 459,264 915 184 D
SP9KRT (SP9ZW,SP9EMI, ops) 229,614 545 147 D
SP9KDU (SP9AVZ,SQ9FMU, ops) 148,806 394 126 D
SP9KJT (SP9IKF,SP6AXW, ops) 84,958 327 107 D
3Z1KG 26,475 141 75 D

Greece

SV1DKR 109,112 437 92 A
SV/OK1YM 61,420 383 74 A
SV1DZB 134,090 388 110 B

Bosnia-Herzegovina

T99W 1,679,750 2176 250 B
T94KW 47,175 249 75 B

Corsica

TK/F6AUS 125,424 425 117 A

Romania

YO6BHN 462,840 870 203 A
YO2DFA 279,345 739 165 A
YO7BGA 197,472 435 136 A
YO3FRI 193,248 482 144 A
YO4AAC 71,730 379 90 A
YO8GF 54,531 179 83 A
YO8MI 50,592 342 48 A
YO2GL 23,328 127 81 A
YO8ROO 17,689 165 89 A
YO6CFB 13,912 116 47 A
YO7LGI 12,243 100 33 A
YO5CYG 410,280 778 195 B
YO2KAB 188,440 602 140 B
YO3RU 125,552 449 118 B
YO8RTR 41,245 199 73 B
YO6QT 40,736 194 76 B
YO8COK 33,864 189 68 B
YO9FLD 33,376 204 56 B
YO9IAB 19,159 156 49 B
YO5BWI 17,346 150 49 B
YO4US 5,760 74 32 B
YO8BFB 4,140 76 30 B
YO4UQ 3,329 80 33 B
YO6AVB 3,276 53 18 B
YO6OEJ 2,490 98 10 B
YO7LTQ 1,848 37 24 B
YO3III 1,804 42 22 B
YO8SDT 1,617 51 21 B
YO4ZF 84,375 274 125 C
YO4CSL 51,211 208 83 C
YO5DAS 48,198 306 87 C
YO9DAF 37,668 257 43 C
YO8BPY 28,386 138 83 C
YO8DHD 6,858 92 27 C
YO5ODU 3,213 81 17 C
YO4BTB 1,960 40 20 C
YO2KJJ (YO2GL,YO2BP, ops) 221,100 507 150 D

Yugoslavia

YU1EA 508,824 957 191 A
YU1PJ 200,016 476 144 A
YU1AAT (4N1MD, op) 2,662 30 22 A
YU7KWX 522,928 1076 161 B
YT7TY 168,080 483 110 B
YZ1AU 765,936 1312 162 C
YZ1SG 448,052 842 187 C
YU7LS 413,922 822 149 C
4N7N (YT7KM, op) 244,790 690 130 C
YU1HA 222,000 538 120 C
YU7SF 152,618 418 137 C
YU7KM 112,579 414 103 C
YZ1V (YU1SB, op) 83,996 296 83 C
4N1FG 74,052 338 99 C
YU1AAV 67,240 281 82 C

Macedonia

Z32AF 279,015 645 165 A
Z31GB 745,380 1470 205 C

Zone 29

Azerbaijan

4K9W 104,208 298 104 A

Armenia

EK6CC 682,290 968 171 B

Moldova

ER3DX 135,660 365 140 A
ER1IM 183,024 491 123 B
ER3CT 80,136 290 108 B
ER1BF 34,279 155 83 B
ER5OK 1 1 1 B
ER1CW 319,113 670 159 C

Estonia

ES5RIM 12,309 139 33 B
ES5QX 14,766 132 46 C
ES1XT (ES1CR,ES2JL,ES1DG, ops) 129,686 372 122 D

Belarus

EW5O (EW8DX, op) 1,808,640 2343 240 A
EU1GA 85,942 273 97 B
EU1CC 62,333 247 83 B
EW1SW 29,288 199 56 B
EW1NA 5,626 50 29 B
EU6TT 5,358 51 47 B
EU1DX 1,120,245 1344 235 C
EW1EA 454,860 801 171 C
EW6AL 267,300 434 162 C
EU6AA 173,565 538 105 C
EW8CY 41,448 294 44 C
EW1CQ 25,854 165 62 C
EW2EG 1,827 94 9 C

Lithuania

LY2IJ 1,790,776 1981 257 A
LY2OX 1,399,680 1664 240 A
LY2DX 543,168 957 192 A
LY2BBF 241,640 616 140 A
LY2BUU 110,208 367 112 A
LY2TX 85,921 327 107 A
LY2FN 65,195 309 85 A
LY2OM 35,713 207 71 A
LY1DF 12,375 99 45 A
LY3BH 1,284,232 1582 229 B
LY2OU 730,728 960 204 B
LY3IT 304,053 765 129 B
LY1FW 185,579 435 151 B
LY3CY 122,416 412 112 B
LY2BET 29,808 204 46 B
LY2MM 626,850 949 199 C
LY2FE 322,114 641 169 C
LY2AT 97,008 378 86 C
LY2GW 87,394 337 74 C

Kaliningrad

UA2AW 4,092 48 33 A
UA2FL 3,735 61 15 A
UA2AB 1,885 37 29 A
RA2FO 656 23 16 A
RA2FHO 77 9 7 A
UA2CZ 155,661 304 159 C
UA2FHV 228 17 12 C
RK2FWG (RA2FHM, ops) 150,662 433 142 D

European Russia

RX1AA 2,069,217 2483 223 A
RD3Q (UA3QDX, op) 2,029,608 2328 252 A
RW4AA 1,895,784 2163 264 A
UA3RAR 1,820,740 2113 236 A
RZ3BW 1,809,115 2096 259 A
RM3C (RA3CW, op) 1,346,615 1695 251 A
RA3AJ 1,272,095 1651 229 A
RN3QY 837,450 1196 225 A
RK3DH 618,233 980 217 A
RN3RQ 587,664 1005 198 A
RV1CC 491,402 844 194 A
RA3AUM 475,075 930 155 A
RA3NN 394,605 807 185 A
UA3AGS 319,643 629 163 A
RK1QXX 241,832 650 148 A
RV6ASU 232,798 478 167 A
UA4LY 226,144 486 148 A
RA3SL 225,675 535 153 A
UA6LP 153,136 369 136 A
R3/DL7BO 150,059 413 119 A
UA1ANA 131,634 396 103 A
UA6AF 124,640 522 80 A
RA3XO 121,440 350 110 A
UA4AO 97,340 262 124 A
UA3YCX 91,344 331 88 A
RW3TN 90,180 346 108 A
RA6AR 89,250 298 102 A
RN3FT 82,532 310 94 A
RW3LA 65,472 259 93 A
UA4RF 61,698 263 91 A
RA6LW 56,394 254 78 A
UA4CJJ 54,656 312 56 A
RW4NM 29,378 123 74 A
RA3RK 18,525 122 65 A
RN3FA 17,061 129 33 A
UA6HKD 9,182 139 26 A
RA4UAT 7,878 69 39 A
UA3RTZ 4,160 90 16 A
UA3RCM 3,104 47 32 A
UA3LQQ 1,204 60 14 A
R3K (RX3DCX, op) 1,535,338 1939 238 B
UA6ADC 1,231,264 1568 218 B
RA3WA 974,738 1282 227 B
RN4LP 961,130 1388 223 B
UA3BL 697,176 1107 207 B
RA3DNC 324,815 649 167 B
RU3DVR 178,192 405 148 B
RN3OG 173,328 437 138 B
UA3LHL 160,475 401 131 B
RU3WT 159,880 367 140 B
RW1ZN 115,010 255 106 B
UA4NC 114,114 340 133 B
RU3RN 106,384 307 122 B
RN3OK 76,285 309 73 B
R3/K5OE 68,765 296 85 B
RU6LA 42,312 171 82 B
RV4SBO 30,324 117 84 B
RA3DEJ 27,898 181 58 B
RW4LC 24,910 218 47 B
RW3DDG 10,989 75 37 B
UA3LBE 3,471 125 23 B
RV3DGY 48 12 2 B
RZ3AZ 1,654,038 1986 258 C
RM6A (RA6CM, op) 1,586,250 1870 250 C
RW6FO 1,126,770 1451 213 C
UA6LJ 1,108,131 1525 229 C
RU3AA 1,061,415 1440 229 C
RA1ACJ 923,041 1428 203 C
RW3FO 907,387 1365 223 C
UA3TU 840,240 1231 216 C
RU4CO 834,716 1300 211 C
RK6BZ 586,960 1110 184 C
RW3XA 432,810 694 210 C
RV4LC 333,165 627 167 C
UA3AMY 328,016 699 152 C
RA3AN 252,018 624 117 C
RW3VZ 237,654 426 163 C
UA3ABT 228,364 507 148 C
RA3UAG 214,935 461 161 C
RA4CTR 191,868 429 118 C
RW3DY 182,104 498 136 C
RA3NB 151,822 384 134 C
UA3RO 149,940 352 153 C
RV6YB 123,200 340 100 C
RK3RWA (UA3RAX, op) 117,646 360 118 C
RZ4AG 111,760 350 110 C
RX3AGQ 102,980 336 95 C
RA3RN 95,557 267 119 C
RA6LAE 74,981 245 97 C
RU3WR 74,256 259 102 C
RX3RB 69,054 297 102 C
UA3XBB 50,325 205 75 C
UA6ATG 39,403 163 91 C
RA4LZ 31,734 157 82 C
UA4SS 31,070 216 65 C
RX3ABN 21,853 133 41 C
UA6LFQ 216 10 9 C
RI3A (RK3FM,RK3FT,RA3DKE, ops) 1,757,752 2237 233 D
RK3RWL (RN3RC,RK3RX,RU3RQ, RA3RFA,UA3RPM, ops) 869,700 1288 195 D
RK4FWX (UA4FCV,RW4FZ,UA4FAR, RZ4FA,RA4FW,RK4FD,RW4FO,UA4FAO, ops) 757,445 1158 215 D
RZ4AWR (UA4AIY,UA4ALI,RZ4AN, ops) 736,143 1292 177 D
RK3QWM (RA3QH,RA3OU, ops) 325,952 636 176 D
RZ1AK (+UA1CIO) 240,427 578 121 D
RK3DZD (+ops) 218,418 666 118 D

Ukraine

EO6F (UXØFF, op) 1,824,228 2408 254 A
UR2E (UR7EO, op) 415,368 865 162 A

UTØRW	395,629	648	169	A
UT2IW	394,396	695	172	A
UW7U	345,072	550	158	A
UY5ZZ	341,348	780	167	A
UR5MID	275,547	445	159	A
UY5TE	248,979	598	149	A
UT5HP	133,632	306	128	A
UW7C	123,228	377	126	A
US3IZ	121,893	355	123	A
UR5FCM	83,049	330	93	A
UX8IX	78,884	427	74	A
US1PM	56,160	273	72	A
UT5IZO (UN7PW,UT5IZ, ops)	52,275	242	75	A
UTØFT	18,409	169	41	A
UT2XX	17,442	95	54	A
UV7D (UT7DX, op)	1,142,174	1660	193	B
EM8I	397,413	919	123	B
UR6MX	191,424	783	64	B
UR7EM	177,552	421	144	B
UT3RN	113,920	441	80	B
UT7MD	100,711	264	127	B
UYØMF	87,400	312	95	B
UT5UOC	56,052	340	54	B
UR5WBQ	39,675	144	69	B
UR5XAW	39,433	181	47	B
EN1Z (UTØZZ, op)	26,112	267	24	B
UT5RQ	22,620	129	65	B
UR4EI	13,260	99	65	B
UR5KBY	2,114	60	14	B
US5EAE	630	25	9	B
UT4MW	374	14	11	B
UX7IA	1,179,570	1800	210	C
UW5Q (UR3QCW, op)	1,009,967	1376	223	C
UT2ID	800,916	1364	186	C
UT8IT	270,928	534	164	C
US9QA	262,656	645	144	C
UV5Q (UX7QQ, op)	219,705	401	151	C
UX5EF	179,655	427	145	C
UR6IGG	138,852	397	114	C
UT7QF	129,948	441	98	C
UW7Q (UR7QM, op)	129,696	412	84	C
UR5XCC	34,048	178	56	C
UT8LO	26,011	217	37	C
UR3PFX	3,744	72	26	C
UU2JA	99	9	9	C
UU5J (UU1JA,UU2JQ,UU3JD,UU4JDR, UU4JDX,UU4JOK,UU0JX, ops)	2,800,820	2648	319	D
UZ7U (UY2UA,UT5UDX,UT3UA, ops)	2,376,085	2857	235	D
EO1I (UT1IA, op)	1,477,566	1882	249	D

Latvia

YL3DW	1,603,329	1734	273	A
YL2KA	864,902	1260	226	A
YL2MF	37,800	148	63	B
YL3BZ	8,323	55	41	B
YL2GN	582,900	1039	174	C
YL2MR	367,906	817	154	C
YL2PM	193,062	485	138	C
YL2CV	106,304	252	151	C
YL2PP	6,930	66	45	C
YL1XN (YL3DK,YL2HB, ops)	76,302	335	81	D

Zone 30
Kyrgyzstan

EX2T	104,160	300	80	B
EX2X	534,360	863	146	C
EX2A	62,832	254	56	C

European Russia

UA4HTT	1,993,977	2300	239	A
RA4HT	73,632	278	96	A
UA4WNH	9,676	82	59	A
RA4HTX	1,575,658	1901	241	B
RW4HO	1,360	32	17	B
RN4WA	638,550	1034	198	C
UA9AAP	76,048	358	49	C
RU4HH	48,672	251	52	C
RU4WT	40,500	259	50	C
RZ4PZL (UA4PMG,UA4PMO,UA4PNP, UA4PNT, ops)	643,401	995	201	D

Asiatic Russia

UA9CLB	1,921,725	2041	219	A
UA9CDV	1,910,420	1900	236	A
UA9AM	1,130,850	1371	210	A
RW9TA	950,600	1178	200	A
UA9CDC	810,271	1048	187	A
RA9AN	229,140	376	134	A
RU9LA	176,960	521	79	A
RX9WN	130,032	297	108	A
RA9AUH	91,448	322	71	A
UA9CNV	39,104	210	47	A
UA9AX	36,408	142	74	A
UA9CBN	589,082	996	139	B
UA9ACJ	267,344	462	154	B
RA9DA	195,244	384	133	B
UA9AAZ	185,136	416	114	B
UA9LCY	180,318	372	123	B
RX9ABE	163,800	342	126	B
RA9MBC	78,960	264	84	B
RW9MZ	40,356	185	57	B
RW9RF	38,025	161	65	B
RW9SW	1,338,018	1480	209	C
RA9DZ	951,280	1223	184	C
RA9SO	892,410	1089	197	C
UA9APA	384,125	562	175	C
UA9WQK	236,283	476	123	C
UA9BS	153,293	564	61	C
RA9MY	138,086	311	113	C
UA9FGJ	71,451	319	51	C
RK9CF	8,990	82	29	C
RF9C (UA9CIR,RA9CKQ,RA9CMO, RZ9CO, ops)	2,781,816	2569	248	D
RU9CWO (RV9CRP,RV9CRQ, ops)	3,780	54	21	D

Kazakhstan

UP5P (UN5PR, op)	456,500	746	166	B
UN2O	253,130	407	170	B
UN7CE	1,196,166	1382	186	C
UN8PF	96,446	305	83	C
UN7EX	7,656	68	29	C
UPØL (UN9LW,UN7LZ,UN7BN,UNØLL, UN9LCN, ops)	2,709,510	2793	222	D
UN4L (UN7LG,UN7LF,UNØLG,UN7LO, UN9LY,UN9LN, ops)	2,352,900	2468	220	D

Zone 31
Asiatic Russia

RZ9HG	1,103,508	1321	203	A
UA9ZBN	176,787	390	117	B
UA9ORQ	96,135	289	85	B
RZ9IB	52,266	218	62	B
RX9UKF	52,116	296	43	B
RU9YF	48,107	167	73	B
UA9OA	405,217	644	157	C

Kazakhstan

UN9FD	13,502	99	43	B
UN8FZ	25,134	130	59	C

Zone 32
Mongolia

JT1BV	55,680	290	48	B

Asiatic Russia

UAØANW	978,624	1258	192	A
UA0ACG	308,844	612	138	A
UAØYAY	94,600	247	110	A
RUØAT	58,528	257	62	A
RA9ANO	41,393	175	71	A
RAØANO	39,270	172	70	A
RAØAM	610,029	952	161	B
UAØSJ	158,147	356	121	B
UAØWL	105,222	332	78	B
UAØSE	3,060	45	20	B
RUØSN	776,258	1040	178	C
RNØA (UAØAGI, op)	207,765	430	135	C

Zone 33
Asiatic Russia

UAØZBK	263,161	696	97	A
RAØJJ	230,640	538	120	A

Zone 34
Asiatic Russia

UAØFEN	382,848	788	128	A
UAØFZ	9,520	142	14	A
RAØFA	3	1	1	A
RAØCAH	2,880	50	16	B
RUØLL	490,560	1015	120	C

Zone 36
Madeira Islands

CT3BX	3,047,384	2951	226	B
CT3KY	22,513	112	47	B

Canary Islands

EA8/OH2BYS	2,948,148	2500	252	A
EA8AD	86,800	301	62	B

Zone 37
Maritime Mobile

YL2SW/MM	17,980	118	31	A

Portugal

CT1DVV	168,674	468	121	B
CT1ELF	10,557	75	51	B
CT2GBK	1,386	31	18	B
CT1BQH	101,860	503	55	C

Spain

EA1DBC	100,368	300	102	A
EA7CA	90,860	270	110	A
EA5FX	85,696	291	103	A
EA1BPO	133,860	415	92	B
EA4URE (EA4BPJ, op)	122,134	484	79	B
EA3KR	113,295	339	105	B
EA1AAW	37,895	200	53	B
EA4EMC	24,412	117	68	B
EA3DUZ	19,055	151	37	B
EA7FRX	18,648	111	56	B
EC4DFA	6,762	101	21	B
EC2BAH	1,725	30	15	B
EA1GL	1,220	25	20	B
EA7HE	832	22	13	B
EA4DRV	389,424	859	133	C
EA2BDS	322,185	654	141	C
EA3ALV	231,786	484	158	C
EA4BSC	184,668	412	132	C
EA4AMO	92,825	362	79	C
EA3AJW	80,295	477	53	C
EA5FID	67,840	266	80	C
EA5YU	66,768	353	52	C
EA7ASZ	62,451	220	81	C
EA3AR	52,056	426	27	C
EA5EU	20,825	249	25	C
EA1FBJ	19,765	121	59	C
EA1AHA	13,019	95	47	C
EA1DGG	7,686	68	42	C
EA5URP (EA5AFP,EA5AVP,EA5DWS, EC5CLP,EA5DFV, ops)	1,044,780	1723	165	D

Balearic Islands

EA6LP	228,930	560	130	B

Zone 39
Israel

4X/W5WP	164,720	352	116	A
4Z5FW	11,907	119	21	A
4X1IM	2,697,400	2875	200	B
4Z5CP	23,490	198	29	B

Cyprus

P3A (RA9JX,UA9YAB,RZ9IR,RK3AD, RZ9OA, ops)	5,269,336	4197	284	D
P39P (+ops)	230,336	851	59	D

Lebanon

OD5/OK1MU	466,848	1066	96	A

Turkey

TA3BN	24,354	123	54	B
TA3ET	13,299	85	33	B

Zone 41
India

VU3RGP	4,784	52	26	B
VU3DJQ	1,590	32	15	B
VU2UR	54,033	168	103	C

Zone 44
Taiwan

BV7FF	359,368	800	116	C

China

BA4DW	92,708	313	77	A
B4R (BA4RD,BD4RS,BD5RV/4, BD4RR, ops)	590,895	1166	135	D

South Korea

HLØK	61,875	346	55	A
HL1/JI1EFP	46,640	364	40	A
HL5UOG	190,008	434	117	C
HL5AP	67,734	238	71	C
HLØC (+ops)	160,674	595	59	D

Hong Kong

VR2BG	664,704	1157	144	C

Zone 45
Japan

JH7PKU	1,700,985	1999	195	A
JA6GCE	912,912	1345	168	A
JA1YNE (JP1OGL, op)	904,770	1322	162	A
JF4ETK	558,960	1070	120	A
JAØQWO	488,756	943	118	A
JR4PMX/1	457,886	750	143	A
JF1SQC	412,900	927	100	A
JR8VSE	286,520	669	116	A
JR4GPA	282,150	725	90	A
JG7AMD	206,112	508	96	A
7L4IOU	196,125	412	125	A
JA2AXB	175,448	394	104	A
JH2AMH	158,498	466	86	A
JR9NVB	140,335	471	65	A
JAØDAI	136,608	365	96	A
JJ3TBB	115,544	330	101	A
JI5SKS	102,872	306	88	A
JA2FSM	94,482	262	87	A
JH1JGZ	79,299	227	89	A
JF2SKV	70,200	258	75	A
JA1XUY	68,809	226	79	A
JH5OXF	65,046	230	74	A
JAØBJY	62,700	216	75	A
JH4WBY (AB2GM, op)	58,520	299	55	A
JA1BUI	54,870	221	62	A
JA2BQX	26,500	137	50	A
JA7DOT	19,998	91	66	A
JR3AAZ	19,825	97	65	A
JK7ESY	12,580	86	37	A
JA1XPU	11,305	84	35	A
JAØQNJ	7,572	138	12	A
JF2FIU	6,552	71	24	A
JE1REU	4,004	55	22	A
JL3IVX	2,664	38	18	A
JG1OWV	1,748	25	19	A
JI3ZOX (JL3IVX, op)	840	18	12	A
JA3WFQ	333	11	9	A
JJ2SHW	105	15	7	A
JA4DPL	249,755	618	95	B
JA7BJS	135,098	487	62	B
JL3VUL	104,220	369	60	B
JA5EO	84,005	377	53	B
JH6FTJ	63,720	136	118	B
JR1MRG	52,377	179	79	B
JH1UUT	44,352	176	63	B
JR1SGU	38,178	158	63	B
JG2REJ	30,780	122	54	B
JE7DOT	28,045	117	71	B
JG4OOU	23,439	143	39	B
JA8TEZ	20,299	101	53	B
JA3AOP	18,262	108	46	B
JJ3OOZ	17,300	92	50	B
JA2GHP	16,335	97	45	B
JA2LY/1	14,625	102	39	B
JA1NF	12,587	79	41	B
JA2CWU	12,075	91	35	B
JL3RDC	10,944	83	36	B
JR3RIY	10,500	80	35	B
JA6QDU	9,280	70	29	B
JH2WHS	8,204	77	28	B
JH2BTM	7,685	73	29	B
JM4UZM	6,075	61	27	B
JA9SCB	4,860	54	27	B
JA1MQS	3,850	35	22	B
JL2HUJ	3,840	44	24	B
JI8GZS	2,919	41	21	B
JK1BII	2,466	37	18	B
JN7XQN	1,248	28	13	B
JA1ALX/9	845	19	13	B
JN3MUC	700	16	10	B
JR3KAH	688	22	8	B
JG1GCO	374	12	11	B
JA9EJG	256	10	8	B
JEØVFV	215	13	5	B
JF3WNO	200	14	5	B
JAØBBM	168	10	6	B
JD1BIA	105	9	5	B
JR1BSV	56	4	4	B
JG3DOR	45	3	3	B
JH3AIU	1,175,196	1538	174	C
7J1AAI (W1NN, op)	789,906	1128	169	C
JR7OMD/2	361,548	683	132	C
JQ1UKK/7	310,144	601	128	C
JA7IC	307,154	538	137	C
JO3JYE	250,290	622	103	C
JQ3UDL	232,625	449	125	C
JA9CWJ	222,500	501	100	C
JS1OYN	221,536	502	112	C
JH1AZO	176,400	444	90	C
JK3GWT	150,670	384	95	C
JI1CUP	119,079	321	101	C
JA3AA	118,524	290	102	C
JR3WXA	117,299	314	91	C
JI7OED	116,850	322	95	C
7L1ETP	115,800	305	100	C
JA1XRH	107,432	285	104	C
JS1PWV	106,998	321	102	C
JA2KKA	104,720	281	88	C
JA1IRH	103,860	270	90	C
JA1PS	98,890	233	110	C
JA1NLX	87,906	247	91	C
JJ2QXI	87,548	277	86	C
JI1RXQ	81,530	307	62	C
JN1MSO	69,194	288	58	C
JG3LGD	64,480	203	80	C
JA5APU	61,400	318	50	C
JA5ATN	58,560	276	48	C
JA3ARM	58,140	178	85	C
JH4FUF	57,190	215	70	C
JA8AJE	55,115	201	73	C
JQ2FFS	52,272	174	72	C
JE4MHL	51,520	202	64	C
JHØEPI	50,184	326	34	C
JH6OPP	49,416	207	71	C
JN7OJA	45,162	151	78	C
JE4VRF	43,281	172	63	C
JA1CP	42,490	163	70	C
JH3JYS	38,570	145	70	C
JA9XBW	36,366	153	66	C
JR1LEV	35,750	138	65	C
JJ4PPK	35,090	126	58	C
JH1SWD	34,816	144	64	C
JA2OJ	33,972	148	57	C
JK1VSL	33,810	132	69	C
JA2QVP	31,408	151	52	C
JG3NKP/1	31,212	140	54	C
JA1KI	29,264	102	62	C
JH1MTR	24,624	114	54	C
JA1XEM	23,698	138	41	C
JH1PXY	20,196	131	36	C
JA7LMU/1	18,760	118	40	C
JA4BAA	16,800	108	40	C
JE8KKX	16,562	89	49	C
JA1MXY	11,767	75	41	C
JA2DHL	11,078	92	29	C
JA3RK	10,720	87	32	C
JA1RRA	10,010	91	35	C
JF7GDF	9,455	71	31	C
JA7ARW	9,108	69	36	C
JK1ATT	7,200	60	32	C
JA1GS	6,902	50	29	C
7K1EQG	5,670	53	30	C
JO7BBS	3,014	39	22	C
JH2NWP	2,300	31	23	C
JA3KZE	1,919	33	19	C
JF9HRV	1,760	36	16	C
JK1REJ	1,380	33	12	C
JG1BUG	1,001	19	13	C
JK1LUY	833	26	17	C
JA1AAT	702	20	9	C
7K1CPT	357	11	7	C
JJ1JRH	216	13	12	C
JE4VVM (+JI3OPA,JG4CLV,JH4UHW, JN4FEU)	1,274,711	1740	167	D
JG1ZUY (JG1ILF,JA9SSY,7N3PZJ, ops)	1,203,480	1574	180	D
8J2ØØØ (JE2HCJ,JM2RUV,JG2TSL, JA2JDR, ops)	651,552	1257	132	D
JA4YPE (JF3EBO,JG3SNI, ops)	425,201	778	139	D
JA2YKA (JI4RDO,JK2VOC, ops)	101,570	366	70	D
JN1YUU (7M4JVV,7M4NBR,7M4UVV, 7M4WILL,7L3WGX, ops)	603	19	9	D

Zone 46
Nigeria

5N3CPR	136,694	368	82	A

Mali

TZ6DX (K4RB, op)	529,305	1062	105	C

Zone 48
Uganda

5X1Z	2,573,868	2920	186	A

Zone 49
Thailand

HSØAC (E20GMY,E21EIC,HSØGBI, HS1CKC, ops)	750,178	1412	143	D

Zone 50
Philippines

DU1/DK3GI	2,088,400	2237	200	A
DU1IVT	100,856	385	56	B
DU1LER	87,030	425	45	B
DU1DX	68,860	286	55	B
DU1UGZ	39,165	321	35	B
DU1LKY	39,039	268	33	B
DU3SV	32,800	231	32	B
4F9EAQ	13,146	132	21	B
DU1BP	2,196	29	18	B
DU1KXR	1,260	22	15	B
DU1SAN	700	19	14	B
4F2KWT	140,025	410	75	C
DU1ODX	105,324	342	67	C
DU1COO	43,596	260	36	C
DU1MHX	9,740	108	20	C
4G1A (DU1WHO,4F1FZ,N2NL,4F3XX, 4D1PMD, ops)	591,014	1238	103	D
DX1M (DU1KXR,DU1BP, ops)	13,804	92	34	D

Zone 51
Indonesia

YB8BHC	80,914	379	46	B

Zone 54
West Malaysia

9M2JI	309,620	605	137	C

East Malaysia

9M6AAC	233,016	419	133	C

Singapore

9V1RH	24,145	120	55	B

Indonesia

YB1AQS (DL8WPX, op)	1,755,468	1895	198	A
YB1KOR	54,166	154	73	A
YC3IZK	35,805	163	55	B
YB4JIM	56,025	197	75	C

Zone 55
Australia

VK2CZ	259	20	7	B
VK4TT	7,360	54	40	C

Zone 57
South Africa

ZS1NF	17,056	84	41	A
ZS6IR	217,487	590	79	B
ZSØM (ZS6MG, op)	44,732	196	53	C
ZSØE	12,870	78	45	C
ZS5T (+ops)	514,904	1057	104	D

Zone 58
Australia

VK6NU	110,004	266	103	B
AX6JIP (VK6JIP)	89,530	285	70	B
AX6ANC	810	19	10	B

Zone 59
Australia

VK5GN	441,750	773	125	A
VK5EMI	1,407	27	21	B
VK2AYD	652,480	890	160	C
VK2APK	457,380	757	135	C

Zone 60
New Zealand

ZL1ANJ	404,073	647	139	B

Zone 61
Midway Island

KH4/W4JKC	16,414	566	29	C

Hawaii

KH6FKG	288,279	735	81	B
KH6/W8RU	384	16	8	C
KH7R (KH6ND,KH6TO,AH6OZ,NH6XO, ND3A, ops)	1,757,154	2667	138	D

Zone 62
American Samoa

AH8A	558,108	1068	111	B

Zone 64
Mariana Islands

KHØCE	200,930	604	71	B

Zone 65
Marshall Islands

V73UX	187,440	499	80	B

Zone 67
Antarctica

R1AND	2,880	48	12	B

Zone 75
Franz Josef Land

R1FJV	4,485	60	23	A

Checklogs:

ZS6AUP, 3ZØPAF (SP5PPU, op), 4M3B, 4Z4TA, 9M2TO, AA3TT, AF5Z, DH5MM, DJ1UN, DJØMAQ, DK3RED, DL1AZK, DL1DWT, DL1JFM, DL1JJI, DL1JMS, DL2HWI, DL2RVD, DL2ZAV, DL5CD, DL5CX, DL5KVV, DL6KWU, DL6YEK, DL7VAF, DL7VGU, DLØMBG, EA3DWU, EA5AJX, EA5VR, ER1FF, F/OK1EE, G8PW, HA1XY, HA6VA, HA9MDN, HAØIT, HG9VHF (HG9MET, op), HGØHQ, HK3DDD, HR5HAC, IV3RCH, IZ2ABN, K3WW, K6VL, KI7AO, LA3BX, LA7FJA, LA8LA, LU2AH, LU9APM, LY2BNL, LY2GV, LY3CW, LY3DA, LY3MU, LZ1JZ, LZ2PL, N4MM, OH1BOI, OH6RC, OK1DSU, OK2EC, OK2SGY, OL3A (OK1AY, OK1DRQ, OK1MR, ops), OZ5YL, OZ6TL, PA3ARM, PA3FFM, PA7XG, PAØSIM, PAØTV, RA1ARJ, RA3DPD, RA3MS, RA6AAW, RK9CYA, RU4WW (+RW4WM), RV6AMI, RX3AHL, RX3DTN, RX9TX, S5/K1ZZ, SM2UJW, SM6BZE, SM7GCZ, SP1BLE, SP1DMD, SP1GZT, SP2DWG, SP3NGB, SP4GDC, SP5BNB/4, SP7BDS, SP7ICE, SP7LHX, SP7XK, SP9MCU, SQ6Z (SP3GTS, op), SQ9CAQ, UA1AKE, UA1CIO, UA3BM, UA3EUW, UA3WFM, UA3WFS, UA3WW, UA3XJG, UA4CC, UA4LBK, UA4LDP, UA4LFC, UA4LLH, UA4QK, UA4RF, UA6AK, UR4MWU, UT2IO, UY5WA, UZ5Q, V63X, W5AB, W6ISQ, W7GG, WA2BMH, WM5R, WO6M, YI9OM, YL2BJ, YL2GTD, YO2KBQ, YO2KCB, YO2KJI, YO6KYZ, YO7KAJ, YO8CRU, YO8KOS, YO9BXZ, YO9IF, YP1W (YO3JW, YO9BGJ, ops), YU1KN, ZSØE

QST