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QST Issue: Feb 1992
Title: Results, 6th IARU HF World Championship
Author: Billy Lunt, KR1R

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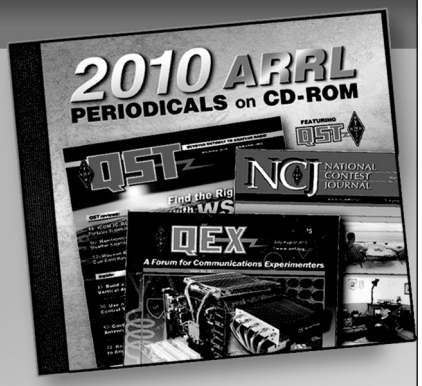

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Results, 6th IARU HF World Championship

The timing of the solar flares didn't make for a lively contest.—*Leigh Matthews, N8LM*

By Billy Lunt, KR1R and Warren C. Stankiewicz, NF1J
Contest Manager Assistant Contest Manager

The 1991 IARU HF World Championship suffered from what all contesters dread most: terrible band conditions. A major geomagnetic storm hit the night before the contest, driving the A index from 19 to 73 and the K to 7. Reports from every continent confirmed that openings on the high bands were all but extinct. Transcontinental QSOs were a rarity in most logs. These were possibly the worst band conditions in the history of the contest.

Opinions on the propagation were pretty much unanimous. Lee, AA4GA, reported, "the conditions were simply malodorous!" Carl, WØBWJ, said, "Never have I heard such lousy, impossible band conditions." Saduyuki, JH1UUT, complained, "Conditions were so poor at times that I couldn't hear any domestic stations."

Even with bad band conditions, receiver S-meters only moving on rare occasions and most signals at or below the noise level, hard-core contesters stuck it out to the bitter end. A quick scan through the Top 10 boxes reveals such dyed-in-the-wool competitors: HAØMM, KRØY, 5B9A, 5B4MF, RL7A, V27T, UR5M and a slew of other European and Asian multiops. But don't count these as the only ops giving it their all—17 zone records were set during the 1991 Championship: six on mixed mode, seven on phone, three on CW and one multioperator. The other unsung heros battled for top spots in their Sections or countries. We applaud every one of them. They surely deserve it. Scan the score listings and see for yourself—these people are the true backbone of the contest.

This year's contest drew 887 entries from 45 ITU zones, down sharply from last year's 1166 entries. This is largely because of poor band conditions. CW proved to be the most popular entry category again this year, with 309 entries. The second-most-popular is phone with 220 entries, followed by mixed mode with 153 entries and multioperator with 108 entries. Thanks also to the 93 stations that submitted checklogs in support of the contest.

The competition between IARU Headquarters stations led to nine member-societies sending in entries, with the Hungarian team of MRASZ operating HG73DX to yet another First-Place finish, despite having only half the score it earned last year. The score roster remained roughly unchanged from last year, with DAØHQ, YPØA and W1AW finishing in the same positions as they did in the previous contest.

The order of finish in this year's contest showed Gyozo, HAØMM, pulling away to an easy victory in the World Mixed-Mode category, easily topping W/VE winner Jeff, KRØY, who won handily over second-place finisher, Myron, WM4Z, while setting a record for ITU Zone 7. The phone-only category saw two Cyprus amateurs, Lawrence, 5B9A, and Spyros, 5B4MF, battling it out for the top two spots. African and Asian stations claimed the top six World spots in this category, perhaps owing to the conditions elsewhere. On the W/VE side, Gene, K1RU, outpointed Bob, KW8N, for top honors.

The CW-only class saw a close race between Nick, RL7A, and Radivoje, V27T. The race in the W/VE was also tight, with Bruce, N6TV, narrowly defeating John, W2GD, and Dan, K1TO. World multioperator was won by the crew at UR5M, with the gang at K5XI claiming top W/VE honors.

Let's all hope that lightning doesn't strike twice, and that the next IARU HF World Championship will have better conditions. After all, whether you are a big gun or a little pistol, there should be something in this contest to pique your interest. The "everyone works everyone" format, the certificate program (available for working 250 QSOs or 50 multipliers) and the different categories available (Mixed-Mode, Phone or CW only, or Multioperator), should provide enough action for any ham. Don't miss out! The next IARU HF World

IARU Headquarters Stations

HG73DX (HA1s VQ,WD,YA,YU,HA4s FF,WQ,WV,XT, XX,YD,ZD,ZZ,HA5s AWH,FA,FM,GF,IW,ML,LN,OM, UA,HA6s ND,NF,NQ,OM,ON,OQ,PX,HA7RY,HA8s IE,JN,LLK,LKE,-806,HG7JAT,ops)
4,021,680- 6403- 240

DAØHQ (DF7RX,DG1RMP,DK2s OY,ZO,DK3GI, DK6WL,DL3OI,DL6RAI,Y21s CW,TL,Y23EK,Y24UK, Y32s NJ,TK,VK,Y33s UL,VL,Y37XJ,Y42s IK,LK,MK, OK,Y57UG,Y58WA,YO3CD,ops)
3,440,025- 6465- 225

YPØA (YO2s ABW,BON,BV,YO3s FU,JF,YO4s BEX, FSJ,HW,SI,YO8s AXP,BAM,CMB,DDP,EB,YO9s FE,HP,ops) 2,163,590- 4544- 187

W1AW (K2WR,KR2J,KU2Q,N2KW,NA2E,WB2Q, N3ADL,W3ZXV,K5NA,ops) 480,598- 2564- 103

SK5HQ (SM3s CER,OSM,SGP,SM5GMG,SMØNSJ,ops)
462,576- 1698- 92

GB5HQ (G3OZF,op) 382,279- 1189- 113

TM5M (F1s JTL,MXH,FB1RSZ,FC1RWA,FD1MYH, F6GAN,ops) 287,045- 1141- 85

JA3RL (JA3MAU,JG3s KUT,RPL,JI3ERV,JJ3WPF, JN3s QLL,VOG,JP3LKR,JQ3OZY,JR4ISF, 7J3ABO,ops) 124,820- 898- 79

OH2C/1 (OH2BBF,op) 58,916- 492- 44

Lawrence, 5B4SA, operated 5B9A to the No. 1 World Phone-Only score.

Myron, WM4Z, finished in second place W/VE in the mixed-mode category.

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Top World Scores

Mixed

Call	Score
HA0MM	1,105,434
KR0Y	806,625
IG8R (I0RIZ,op)	496,320
RB5QF	482,339
LY2OU	271,952
WM4Z	267,996
KZ5D	267,336
UA3DPX	252,320
K5ZD/3	235,876
G0MFO (AA6MC,op)	199,283

CW

Call	Score
RL7A	855,184
V27T (YU1RL,op)	803,124
VP2EI (KD6WW,op)	609,364
UL7LG	566,351
SO3CC (K1CC,op)	490,842
UL7CW	485,994
EX3A	470,136
RB1IZ	429,514
VK2APK	405,230
UC2ADX	375,240

Phone

Call	Score
5B9A (5B4SA,op)	1,525,626
5B4MF	1,210,806
5Z4BI	838,395
7Q7JH	802,576
RL0O	623,070
ZC4BS	533,400
HA0NAR	465,880
RY7D	425,615
OH1EH	415,548
ZZ5JR	324,292

Multioperator

Call	Score
UR5M	3,802,140
RY1U	2,635,063
UC7O	1,836,490
HG1S	1,631,554
4K5ZI	1,573,416
RZ1A	1,478,646
RK9C	1,395,876
R6L	1,201,288
RY0Q	1,148,045
RQ7W	983,291

ARRL HQ was represented by (l-r) W3ZXV, N3ADL, K5NA, KR2J, KU2Q, N2KW, NA2E, K2WR and WB2Q, who operated the Hiram Percy Maxim Memorial Station, W1AW. *(photo by Jeff Bauer, WA1MBK)*

Top W/VE Scores

Mixed

Call	Score
KR0Y	806,625
WM4Z	267,996
KZ5D	267,336
K5ZD/3	235,876
WX9U	166,026
K9ZO	132,858
WE3C	110,232
AA4M	107,166
WF5E	103,950
KG5YA	84,402

CW

Call	Score
N6TV	277,326
W2GD	251,320
K1TO	223,600
W2SC	187,435
K8HVT	143,000
WY7I	127,795
W8UA	110,480
N6EK	95,760
K1ZZ	85,932
W3USS (K1XA,op)	82,895

Phone

Call	Score
K1RU	272,792
KW8N	232,732
K3ANS	157,992
N4ZC	131,140
KA5WSS	130,046
NK1F	93,060
W5GN	62,900
K1PLX	49,419
KB2BF	45,012
WA4SVO	44,800

Multioperator

Call	Score
K5XI	498,085
KA5W	454,426
W5WMU	418,782
N5EA	274,528
N5NMX	194,028
K2WI	181,920
NF7P	180,431
AA5OR	147,015
W4AQL	137,972
NC0P	136,800

Championship will be July 11-12, 1992; the rules will appear in April *QST*.

SOAPBOX

Conditions were the worst I've ever experienced during a contest (KR0Y). Conditions were weird (N0ZA). Conditions were so bad I got bored and went to bed early (WJ1U). I wish the contest lasted longer, especially considering the conditions (KB1T). Unbelievable! I've never experienced such terrible conditions in my life! (KZ1M). I had amazing rates for such extremely poor conditions (W2GD). I was QRNed to death (AE2N). This contest separated the men from the boys (N4UH). My S-meter never moved! (KG4W). I hope conditions this weekend weren't a preview of what's to come (W9HE). This contest was a real blast! (P40Z). We worked more Ws on 80 than on 20 and 15 combined! There was no propagation, but we had fun (TM5M). We had 24 hours of QRN (YZ3A). I never heard such poor propagation on 20 and 15 meters, but the low bands were good (UT2L). This was our biggest multiplier count ever, but conditions were bad to the US and Japan (RY1U). It was a good contest, but conditions were bad here (RY0G). It was a fine contest, but the conditions were poor (RK9C). Too bad it wasn't a 2-meter contest, with the aurora (K3ZO). Conditions were so poor, I just tried to make 250 QSOs and 50 multipliers (RM5P/UM8QDX). Conditions weren't favorable for working US stations (LZ1TA). We didn't hear any US, Japanese or South American stations (SP1PBW). I wondered what happened to the Berlin Wall when they pulled it down. Now I know. Someone rebuilt it around Europe to stop us from working outside the continent during the contest (OZ2ACL). The propagation to the US was poor (EA3GCJ). Propagation was very poor. Since I couldn't hear anybody, I spent the time with my family, causing my wife to claim that this was a good contest (VE3ZD). This was a preview of what it's like without sunspots (K3IXD). Conditions were bad this year, I hope it'll be better next time (DL8SDC). This is always a nice contest, but the conditions for DX were extremely bad (DL6RDE). The contest was good, the conditions weren't (UC2ADX). Conditions were poor, but I had a good time anyway (OH6YF). This is my second time in this contest and I like it very much (YO7LFV). The bands were almost dead (LA6IHA). It was too bad conditions were terrible (OH1EH). It was big fun to operate from CT3 as part of my family vacation (HB9CEY/CT3). Conditions were so poor, several times all the bands went dead (5Z4BI). Conditions were as bad as they could possibly be (OH3OJ). I enjoyed the contest despite exceptionally poor conditions (EI2VJN).

Scores

Scores are listed by ITU zone and then by country within that one. The line score indicates the call sign, final score, QSOs, multipliers and entry class. The entry class letters indicate: A = single operator, mixed mode; B = single operator, phone only; C = single operator, CW only; D = multioperator, single transmitter.

Zone 1

Alaska

AA6DX/KL7	115,104	466	66	A

Zone 2

Alberta

VE6GEL	5,460	118	15	B
VE6BF	18,972	168	34	C

British Columbia

VE7JMN	12,628	300	14	B
VE7XO	2,660	62	14	B
VE7UF	34,238	262	34	C

Zone 3

Manitoba

XL4VV	11,844	186	21	A

Saskatchewan

VE5SF	17,842	267	22	A
VE5ACP	30,464	360	28	B

Zone 4

Ontario

VE3ZD	13,384	156	28	B
VE3FSV	4,960	102	16	B
VE3VET	65	5	5	B
VE3KP	59,598	462	43	C

Zone 6

W6

East Bay

WX6M	17,864	234	29	B
KI6OY	624	28	8	B
N6EK	95,760	524	57	C
NF6S	63,128	346	52	C

Los Angeles

KU6T	2,512	49	16	A
WA6PPZ	19,440	268	27	C

Orange

WB6DFA	10,340	154	22	A
W6SX	5,055	123	15	C
N6PEQ (+NX6M)	93,250	698	50	D
KE6SU (+KG6OH)	16,036	290	19	D

Santa Barbara

WA6FGV	68,640	660	39	A

Santa Clara Valley

N6NF	6,356	170	14	A
N1EE/6	5,100	151	12	B
WA6HRK	4,940	89	20	B
N6TV	277,326	930	93	C
N6ZB	49,266	367	42	C
K6MJ	17,860	172	38	C

San Diego

AA4M	107,166	698	53	A
KF6BL	11,016	250	18	A
KK6XN	5,589	83	23	A
W6MVW	19,460	208	35	C
KT6V	12,480	120	32	C
K6XT	2,414	50	17	C
AA6EE	620	22	10	C

San Francisco

WB6SRM	6,936	103	24	A
K6LRN	14,472	282	36	C

San Joaquin Valley

WW6O	10,727	205	17	B
WC6U	45,496	357	47	C

W7

Arizona

WA7LNW	40,287	357	39	A
KG7EM	2,184	64	12	C

Nevada

WB7VVH	728	29	8	B
NF7P (+KZ4H,NC7K)	180,431	889	67	D

Oregon

W7YAQ	80,896	444	64	C
KA7JBX	4,920	125	15	C
AA7FL	4,230	102	15	C
WB7USJ	4,199	93	17	C

Utah

K6XO	46,728	542	36	A
W7HS	24,070	264	58	A
N7JLC	7,875	155	21	A

Western Washington

W7TSQ	1,504	26	16	A
WY7I	127,795	713	61	C
K7LED (WA7UVJ,op)	16,375	267	25	C
W7FR (KG7CM,N0AX,ops)	51,525	433	45	D

Zone 7

W5

Arkansas

AA5YZ	6,150	136	15	B

Louisiana

KZ5D	267,336	1168	79	A
W5WMU (+N5AN)	418,782	1606	91	D

North Texas

KR0Y	806,625	1989	135	A
W5GN	62,900	664	34	B
KA5W (+KS1G)	454,426	1585	98	D
AA5OR (+NA5Q)	147,015	953	55	D
K5QHD (KI5JC,KY5N,ops)	65,833	558	43	D
KM5L (+AA5s UK,WY)	55,583	647	31	D

Oklahoma

WM4Z	267,996	1348	69	A
NW5H	11,886	202	21	B

South Texas

KG5YA	84,402	559	54	A
KA5WSS	130,046	978	49	B
KE5FI	22,847	285	31	B
KI3L/5	24,304	312	28	C
W5NR	3,105	40	23	C
K5XI (+K5RC,K7GM)	498,085	1543	107	D
N5EA (+KE4GY,K5GN,N5BA,W5s ASP,QZ)	274,528	998	92	D
N5NMX (+KB5NFZ,N5NMY)	194,028	1004	69	D
NZ5V (+WQ5Y)	96,200	647	52	D

West Texas

WF5E	103,950	581	66	A
WB5EUC	40,385	355	41	A
KB5PDF	36,250	462	29	B
W5KFT (+KG5OV)	111,228	622	62	D

W0

Colorado

W0CP	47,916	443	38	A
N0ZA	13,734	392	14	A
WA5DTK	12,480	306	16	A
K9MWM/0	7,896	204	14	B
W0BWJ	84	6	6	B
WY0J	33,596	324	37	C

Iowa

KC0GM	13,140	256	18	B
W0PPF	5,270	115	17	B
NC0P (+N0AMI,NU0G,WO0V,WR0G, WW0V)	136,800	804	60	D

Kansas

WB0YJT	5,453	109	19	A
N0FMR	15,180	242	23	C

Minnesota

WA2HFI/0	476	24	7	A
N0HUQ	11,203	241	17	B
KF0T	35,100	324	39	C

Missouri

KM0L	6,696	97	24	C

Nebraska

K0SW	7,884	100	27	C

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South Dakota

WDØBMR	36,852	366	37	B

Zone 8

W1

Connecticut

WJ1U	48,052	664	41	A
K8CH	31,906	278	53	A
WE6G/1	14,094	258	29	A
NG1J	14,091	205	33	A
WR1B	7,476	213	21	A
KH6CP/1	765	35	15	A
K1RU	272,792	1195	104	B
KD1BM	6,248	128	22	B
K1TO	223,600	904	104	C
K1ZZ	85,932	552	77	C
NJ2L	56,227	485	59	C
K1EBY	12,000	250	25	C
KA1WIF	8,027	189	23	C
KJ4KB	7,504	152	28	C
W1WEF/M	312	43	4	C
NR1L (KA1QAS,KC1ZN,ops)	88,389	692	61	D

Eastern Massachusetts

NW1U	44,772	686	42	A
WA1NPZ	20,091	265	37	B
N1HOQ (+KC1UA)	12,852	374	21	D

Maine

KN1M	74,035	583	65	A
KA1GTR	7,625	100	31	B
K1SA (+AD1G,K1TEV,KA1PRD,KB1U, KC1OD,N1AFC,W1CO,KD2EU)	15,341	275	29	D
W1XN (+KA1YUO)	2,093	116	11	D

New Hampshire

WJ1X	12,096	264	24	A
NK1F	93,060	670	86	B
K1UGU	7,084	280	14	B
KB1T	2,869	54	19	C

Rhode Island

K1PLX	49,419	459	57	B

Vermont

KC1WH	5,525	179	17	B

Western Massachusetts

W2SC	187,435	861	95	C
KZ1M (+KB1RI)	48,546	466	54	D

W2

Eastern New York

N1CC	5,368	124	22	A
K8HVT	143,000	647	88	C
WI2N (+WI2E)	72,800	244	55	D

NYC-Long Island

KS2G	7,110	213	18	B

Northern New Jersey

K3FNW	9,240	138	28	B
W2GD	251,320	922	122	C
WA2VYA	9,163	213	27	C
WA2ASQ	6,615	127	27	C
W2HCA	5,512	98	26	C

Southern New Jersey

K2PS	53,780	640	60	A
KB2BF	45,012	483	44	B
AE2N	1,430	65	10	C
K2WI (+N2NU,WW2Y)	181,920	630	96	D

Western New York

KD2YP	27,588	267	44	A

Delaware

WN3K	1,330	75	10	C
NX3A (+KS3F)	102,778	742	67	D

Eastern Pennsylvania

WE3C	110,232	751	72	A
KA3YEA	4,800	140	24	A
K3ANS	167,992	806	87	B
N3HHE	23,414	215	46	B
WA3YTI	603	31	9	B
KL7HIR/W3	49,760	604	50	C
N3CZB	116	15	4	C

Maryland-DC

K3ZO	11,361	265	21	A
K3IXD	5,152	101	23	B
W3USS (K1XA,op)	82,895	731	59	C
W3GG (+WD3I)	25,954	318	38	D

Western Pennsylvania

K5ZD/3	235,878	944	109	A
N3GSC	16,080	165	40	B
WA3GQU	310	26	5	B
K3UA (+W3FSB)	6,000	120	25	D

W4

Alabama

WD5CBQ	8,376	167	24	B
KK4SM	24,158	218	47	C

Georgia

AA4GA	19,980	300	30	A
KK2A	5,132	122	21	B
KB4GID	79,443	595	63	C
K4BAI	29,601	427	39	C
N8LM	3,878	151	14	C
W4AQL (WD4DWN,N7FYT,N9HZQ, K8DI,ops)	137,972	962	68	D

Kentucky

WA4QMQ	11,772	166	27	A
N4XM	19,456	230	38	C

North Carolina

N4AA	71,890	460	65	A
NX9T	17,952	256	32	A
N4ZC	131,140	640	83	B
N4UH	18,051	188	33	B
KJ4TI	11,532	156	31	B
N4MO	37,850	375	50	C
N4YDU	29,760	382	40	C
K4PB	24,696	218	49	C
KS4S	2,952	124	12	C

Northern Florida

N4RNP	7,348	172	22	B

South Carolina

WB4IUX	22,080	312	30	B
WD8AMV	10,290	175	30	C
KC4WZJ	1,484	100	7	C

Southern Florida

N4BP	16,244	298	31	A
WA4SVO	44,800	362	56	B
WK4F	4,032	112	18	B
WD4AHZ	38,016	434	48	C

Tennessee

N4TG	11,310	161	30	A

Virginia

N4MM	37,111	264	59	B
N4SPQ	23,320	219	40	B
W4JVN	9,367	132	29	B
KG4W	40,229	403	49	C
N4SLR (+N4s PMQ,YGE,WA4WQL, WB8s YZV,ZCJ)	51,636	443	52	D

W8

Michigan

WA8ZDT	960	47	11	A
NE8T	44,227	427	47	B
KF8IF	6,801	117	23	B
KF8EU	4,784	133	16	B
W8UA	110,480	607	80	C
AA8AV	43,420	409	52	C
N8CQA	3,600	119	16	C

Ohio

N8AXA	432	16	9	A
KW8N	232,792	914	104	B
W8KKF	18,508	300	28	B
N8JQX	17,174	284	31	B
KA8ZNZ	18,929	237	33	B
WD8LLD	62,376	404	69	C
NG8D	45,485	351	55	C
N8BJQ	8,680	150	26	C
W8IO (+WD9INF)	102,796	704	62	D
WA8OSE (+N8JEC)	66,552	470	59	D

West Virginia

K8OQL	9,300	136	31	A
WB8BMX	1,030	43	10	C

W9

Illinois

WX9U	166,026	1245	67	A
K9ZO	132,858	1034	66	A
KC9EE	39,576	620	34	A
W9LYA	8,314	135	22	B
N9RO	4,431	109	21	B
K9MMS	21,812	260	41	C
N9FFZ	8,432	193	16	C
K9SD (+KC9AL,KA9GGI,KW9A,ND9F)	113,316	742	71	D
WD9GGY (+NET)	4,460	107	20	D

Indiana

N9KDD	9,756	252	18	A
KB9C	18,912	269	32	B
K9JS	13,572	234	26	B

Wisconsin

W9RZW	4,180	91	20	B
W9HE	5,136	177	16	C

Zone 9

Maritime-Newfoundland

VO1CA	2,873	69	13	A
VO1SF	10,875	117	29	C

Zone 10

Mexico

XE1/NV1P	83,655	601	45	A

Zone 11

Bahamas

C6AFQ	273,494	1289	67	C

Martinique

FM5CW	93,177	531	51	C

Dominican Republic

HI3AMF	12,960	260	16	B
HI500A (HI8A,op)	325,458	1177	82	C

Virgin Islands

NP2I	29,970	315	30	C

Aruba

P40Z (N5MHZ,op)	81,936	468	36	C

Antigua and Barbuda

V27T (YU1BL,op)	803,124	1757	128	C

Anguilla

VP2EI (KD6WW,op)	609,364	1592	98	C

Turks and Caicos Islands

VP5JM	119,413	745	49	B

Zone 12

Bolivia

CP1FF	41,856	274	32	B

Colombia

HK3JJH	96,681	528	19	B

Venezuela

4M5KWS (YV5KWS,op)	21,600	271	16	B

Zone 13

Brazil

PP7CW	42,705	221	39	C

Zone 14

Chile

CE3BFZ	43,236	253	36	C

Argentina

LU1EWL	102,816	348	63	C
LU1FNH	39,195	205	39	C
LU5EW	1,400	32	10	C

Zone 15

Brazil

PY2NY	29,541	177	43	A
ZZ5JH	324,292	870	76	B
PY2APQ	38,250	223	45	B
PY3HLM	9,178	77	26	B
ZZ2YY (PY2YY,op)	53,595	399	27	C
PY2YN	14,852	140	22	C

Zone 18

Norway

LA4KGA	18,103	150	43	B
LA2AD	4,318	88	17	B
LA9HFA	19,590	228	30	C
LA6IHA	6,138	98	22	C

Aland Island

OH1MTT/ OH0	948	54	6	B

Finland

OH7NW	17,316	160	37	A
OH6SU	16,842	179	42	A
OH1NSJ	10,206	144	27	A
OH6UP	1,984	40	16	A
OH1EH	415,548	1141	115	B
OH4ZS	180,786	663	77	B
OH3OJ	115,456	598	64	B
OH6YF	265,860	982	90	C
OH9NUE	68,742	400	57	C
OH2BVM	42,054	332	43	C
OH3NM	31,472	188	56	C
OH3LIM	15,050	153	35	C
OH2BRH	6,266	63	26	C
OH6MUE	5,166	101	18	C
OH2YL	4,392	76	18	C
OH6OS (+OH6s MFN,NIO)	234,159	845	89	D

Denmark

OZ5EV	71,890	293	79	B
OZ1LTB	52,920	336	54	B
OZ2ACL	51,150	308	55	B
OZ1ACB	4,515	73	21	B
OZ2E	11,628	58	51	C
OZ8XO	1,677	45	13	C
OZ8SW	885	25	15	C
OZ5MAY	264	22	4	C

Sweden

SM5PPS	29,250	211	50	A
SM5DUT	1,620	30	18	A
SM7HPD	16,720	154	38	B
SM4BTF	14,706	122	43	B
SM7HSP	832	31	9	B
SM5ARR	594	18	9	B
SM5INC	98,576	560	61	C
SM3CVM	63,427	497	41	C
SM1BVQ	51,566	300	59	C
SM5RE	25,701	226	39	C
SM0RBO	8,175	117	25	C
SM6NJK	4,416	72	23	C
SM7LAZ/6	1,184	75	8	C

Zone 19

European Russian RSFSR

U1BA	18,282	180	33	B
RZ1A (RV1AW,UA1s AKC,ALZ,ANA, ARL,UW1AE,UV1AA,UA1-169-823, KA1WPO,ops)	1,476,648	2579	176	D

Zone 22

Asiatic RFSFR

UA0SZ	292	13	8	A

Zone 23

Asiatic RFSFR

UA9LP/RW9Q	34,300	203	50	A

Zone 26

Asiatic RFSFR

UA0KJ	12,933	128	27	A

Zone 27

Ireland

EI6FR	71,757	417	63	B
EI2VJN (G4BUO,op)	174,816	848	72	C

France

F1JDG	10,800	154	25	A
F1LBL	102,900	444	84	B
F1B	80,598	646	42	B
FD1NBX	75,015	452	45	B
FD1PXQ	47,502	277	58	B
F5GKQ	19,280	158	40	B
FD1PFK	1,368	62	19	B
F5IN	126,984	600	66	C
F5IG	125,244	469	84	C
FD1OIE	54,972	356	54	C
F6EQV	10,668	126	28	C
F9DK	10,098	120	27	C
FD1PGP/P (+FD1PFP,FD1PYI)	175,955	659	65	D
FF6KFA (F6s DGZ,ERR,ops)	1,760	96	16	D

England

G0MFO (AA6MC,op)	199,283	789	83	A
G3PRI	4,693	93	19	B
G3ESF	66,360	356	60	C
G3SWH	52,948	298	62	C
G3DFV	38,563	269	49	C
G8IDE	30,258	268	41	C
G3URA	13,797	169	27	C
GB4DX (G4BWP,GSLP,ops)	627,858	1617	126	D
G4DRS (+G4JQL)	210,425	763	95	D
G0OMY (G1s UWI,ZYJ,G3NRT,G6BDV, G8KEK,ops)	16,830	153	34	D
G0NKL (G8s MPJ,OFD,ops)	12,085	259	56	D

Scotland

GM8ECO	237,541	953	89	B
GM3CFS	28,659	241	41	C

Wales

GW8AJI	13,051	147	31	B
GW4BLE	12,200	107	40	B
GW3JI	41,219	289	47	C
GW8GT (GW3KYA,GW4JBQ,GW6ZUQ, GW0MAW,G3SQX,G4BKI,ops)	268,312	1085	88	D

Belgium

OT5CZ (ON5CZ,op)	7,452	94	27	B
ON4KFM	4,102	87	14	C
ON6AH (+ON6s MH,OR,ON7PC)	293,447	929	103	D

Netherlands

PA3FNE	194,334	679	98	B
PA0JM	122,720	771	59	B
PA0KHS	77,155	405	65	B
PA0LOU	64,866	341	62	C
PA3BTH	6,314	93	22	C
PA0TA	2,520	50	18	C

Zone 28

Federal Republic of Germany

Y55TJ	110,182	437	89	A
Y32WF	108,017	392	91	A
Y65IN	86,736	464	78	A
DJ1OJ	55,488	313	64	A
DL3EQK	24,063	259	39	A
DL1MFL	17,976	200	36	A
DL9SDD	13,400	133	40	A
Y25OH	9,864	123	36	A
Y41VL/P	8,552	89	26	A
DJ8SH	3,808	109	14	A
DK8KC	3,048	55	24	A
Y35WF	2,970	106	11	A
DK7FP	1,445	37	17	A
DL8PC	218,730	884	116	B
Y54NUA	62,243	391	67	B
DL8SDC	30,821	221	49	B
Y27ED/P	26,664	253	44	B
DL9FD	22,723	227	49	B
DJ4FU	15,010	171	38	B
DK1RU	11,934	147	34	B
Y22VI	10,260	130	30	B
DF8LZ	5,130	97	27	B
Y78XL	4,248	99	18	B
DL6EDD	2,160	67	12	B
DL9GWD	1,518	48	11	B
Y43WB	1,218	46	14	B
Y38WE/A	184	13	8	B
DKØUU (DL1GGT,op)	303,975	1071	105	C
DL2OAP	77,626	423	74	C
Y42DA	75,628	412	73	C
Y28QH	70,015	426	67	C
DL4MFM	65,780	544	55	C
DL2MEH	62,444	346	67	C
DFØRR (DL7AEN,op)	47,460	442	42	C
DL7BQ	44,073	321	59	C
DL1TH	43,440	268	60	C
DL6RDE	39,259	332	43	C
Y23VB	38,817	320	57	C
DL8WN	33,880	273	51	C
DL4FJ	20,202	270	42	C
Y22PE	18,762	150	53	C
Y21CL	13,974	98	51	C
DL1ZQ	13,755	187	35	C
Y23TL	13,650	174	35	C
DF3QN	13,640	143	40	C
Y24SH	8,432	110	31	C
Y23IA	4,615	174	13	C
DL3KWF	1,296	44	18	C
DF5SWN	1,122	38	11	C
Y26AD	650	22	13	C
Y49ZL	330	12	11	C
Y41CM (Y41s NM,QM,YM,ops)	343,416	1004	123	D
Y38I (DK9FE,DL2ZAE,Y23WI,Y27WI, Y31WI,ops)	280,900	1070	106	D
DA2CU (+ops)	147,802	663	91	D
Y98SOP (DL1s SWA,SWG,DL4SVA, Y22AA,ops)	139,860	911	70	D
Y41ZL (Y24VE,Y41s FL,HL,ops)	98,714	475	77	D
Y62ZI (Y26YI,Y62s UI,YI,ops)	89,121	652	61	D
Y58CA (DL6KWU,DL9s GMN,GRE,ops)	44,016	332	56	D

Hungary

HA6MM	1,105,434	1835	198	A
HA8HW	192,004	859	82	A
HA8NAR	465,880	1015	152	B
HA8KX	349,318	808	114	C
HA6XG	74,444	353	74	C
HA6VA	58,400	296	75	C
HA6IR	5,830	104	22	C
HA8LMC	1,488	69	16	C
HG1S (HA1s AH,DAC,DAE,SV,TD,TJ, TW,ops)	1,631,554	2958	197	D
HG5C (HA1s AD,AG,HA5s MQ,WE, HA7SB,HA8UB,ops)	546,795	1386	145	D
HA8KCK (HA8s DT,DZ,EK,FT,FW, KH,ops)	339,136	1073	112	D
HA3KHC (+ops)	149,322	719	82	D
HA5KVF (HA5s HC,HH,ops)	35,055	299	45	D

Switzerland

HB9DX	63,684	388	61	C
HE7AGA	46,440	352	54	C
HE7QA	32,547	257	57	C
HE7DFY (+HB9WIV)	40,415	273	59	D

Italy

IG8R (I8RIZ,op)	496,320	1537	120	A
I8ZUT	85,730	359	98	A
I2UIY	6,481	87	27	A
IK0FEC	648	22	12	A
IV3TQE	253,375	887	125	B
IR9C (IK8AZG,op)	159,740	570	98	B
IO4GNH (IK4GNH,op)	110,224	440	83	B
IK8LWA	49,500	256	66	B
IK1GKE	31,030	205	58	B
IK0QDB	18,850	158	50	B
IK8IFW	15,120	135	40	B
IV3FSG	13,440	160	28	B
I8TIC	590	25	10	B
IK8ADY	25,440	193	48	C
I0FSP	5,954	83	26	C
I1I (I1s ANF,HAG,PCT,PHX,XPQ,ZEU, IK1s DEA,MJG,NAO,NPH,OWC,I2VXJ, IK2EGL,ops)	418,015	1495	109	D
IK8BCB (+I6FLD)	370,617	1027	129	D

Sardinia

IS0OMH	67,277	646	49	C

Bulgaria

LZ1ZX	153,216	764	76	A
LZ2KRU	50,922	291	54	A
LZ2CW	27,676	116	88	A
LZ5M (LZ1C187,op)	16,850	258	25	A
LZ1KBB	12,800	338	16	A
LZ2KDR	33,711	220	51	B
LZ2VP	23,698	409	34	B
LZ2KPD	1,984	69	16	B
LZ1TA	134,082	654	76	C
LZ1QZ	63,505	338	65	C
LZ1VQ	9,000	170	20	C
LZ1TT	7,371	209	17	C
LZ2FM	5,360	96	15	C
LZ1ZQ	385	21	7	C

Austria

OE/LA6PB	1,071	29	17	A

Czechoslovakia

OK3CND	76,524	479	84	A
OK3CDZ	62,372	350	62	A
OK3TEG	48,714	258	69	A
OK2HI	43,200	316	54	A
OK1KZ	33,614	264	49	A
OK2PGT	17,334	117	54	A
OK3CRH	12,802	120	37	B
OK1BB	7,936	122	32	B
OK1MDY	87	11	3	B
OK1ARN	121,824	616	72	C
OK1FPS	61,094	320	59	C
OK3CEL	43,964	280	58	C
OK1MNV	42,480	264	59	C

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OK2BWJ	23,384	284	37	C
OK3CTX	23,275	203	49	C
OK3CAB	22,848	270	34	C
OK2BND	22,181	204	41	C
OK3CWF	16,168	214	43	C
OK3TAY	15,732	176	38	C
OK3CDN	9,416	156	22	C
OK2EC	8,304	140	24	C
OK2BDI	6,837	75	46	C
OK2SWD	5,970	59	22	C
OK1FKV	3,731	151	13	C
OK3TBB	3,024	54	27	C
OK1TW	2,800	32	25	C
OK3TNA	2,448	76	12	C
OK1DXE/P (OK1-33424,op)	1,806	66	14	C
OK3TUM	1,408	49	11	C
OK1FRR	1,185	34	15	C
OK3CFY	861	53	7	C
OK3TLN	366	41	6	C
OK3KAG (OK3s CIR,DX,TRU,TWR,TZI, WDX,ZFM,ops)	403,456	1145	19	D
OK3KAP (OK3s PA,TPV,OL8CUT,ops)	330,876	1001	117	D
OK3KXR (+ops)	42,536	323	52	D

Poland

SP2BRZ	66,360	404	70	A
SP4KTO	352	28	8	A
SP7FQI	15,086	159	38	B
SP3XR	7,752	186	17	B
SP5MNT	5,576	87	34	B
SP6AGD	3,510	87	15	B
SP6DVP	261	11	9	B
SO3CC (K1CC,op)	490,842	1343	134	C
SP7GIQ	208,878	863	93	C
SP5CJQ	104,380	453	85	C
SP8TO	58,560	339	64	C
SP2LNW	58,384	484	66	C
SP1AEN	52,668	344	57	C
SP6EIY	49,358	301	58	C
SP6FXX	30,272	282	43	C
SP4EAK	23,446	247	38	C
SP3BGD	14,001	147	39	C
SP4GFG	10,716	157	38	C
SP9NLI	1,375	47	11	C
SP3PLD (SP3s CB,FLR,HBF,IBM,ops)	170,798	758	94	D
SO9SBI (SP9s FIH,NRD,DH9SBL, DL2SDQ,ops)	128,568	557	88	D
SP1PBW (SP1s AMU,BZZ,ops)	57,750	416	77	D
SP4PBI (+SP4EEZ)	47,936	434	64	D

Romania

YO5BQ	55,083	314	61	A
YO5OAG	39,160	263	55	A
YO6JN	48,430	252	58	B
YO2LBM	41,883	235	69	B
YO9AHX	32,487	256	49	B
YO4DEQ	27,495	193	45	B
YO7LFV	26,840	291	44	B
YO8SCA	18,340	160	20	B
YO2CJ	11,008	130	32	B
YO8BNG	9,541	121	29	B
YO5CTY	4,380	70	20	B
YO9FEH	1,976	66	13	B
YO4ZF	64,656	331	72	C
YO2DDN	50,091	331	59	C
YO4CAH	34,424	251	52	C
YO6ADW	15,904	181	32	C
YO5DAS	11,368	139	32	C
YO4AAC	1,760	52	16	C
YO2KCB (YO2s DFA,GZ,ops)	169,924	681	92	D
YO4KBJ (YO4s BZC,RDN,ops)	37,905	264	57	D

Yugoslavia

YU2CAH (YT2KK,op)	6,666	274	61	A
YU4MH	4,784	56	26	A
YU3HR	284,026	852	118	B
YU1KN	29,268	183	54	B
YU1SB	76,368	432	56	C
YU7XM	54,684	348	63	C
YT3FB	47,190	318	55	C
YU7SF	19,488	154	42	C
YU4XA	18,381	194	33	C
YZ3A (YU3s BC,EA,OH,ops)	641,361	1320	147	D
YZ4Z (4N4s CX,MX,ops)	455,202	1380	121	D
4N4U (YU4NS,4N4TF,YU4RS-4000,ops)	300,520	1053	110	D
YU2CFL (YT2s ZG,ZO,ops)	31,374	227	54	D

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4U1ITU (I4s UFH,YSS,IK2BHX,ops)	331,462	1245	106	D

Zone 29

Kaliningrad

RV3QM/UW2	39,401	363	41	C
RW3QA/UW2	27,136	337	32	C
UW2F (RA2FA,UA2s FC,FF,FJ, FM,ops)	705,460	1752	140	D

European Russian RSFSR

UA3DPX	252,320	1010	95	A
UA3RJ	160,535	571	97	A
RA6AH	135,320	530	85	A
UZ3DXW	95,964	529	66	A
UA3DOH	62,370	429	54	A
RA1AA	97,539	481	61	B
UA4NC	48,608	284	62	B
RA3ZH	45,677	259	61	B
UA1NA	35,247	297	49	B
UZ3ZYD	34,996	247	52	B
UA3ZIU	30,243	205	51	B
RA3DNC	10,200	150	24	B
UA4SDT	8,374	139	23	B
RA3ZAP	927	56	9	B
EX3A	470,136	1313	114	C
UV4AB	211,218	818	94	C
UA6BPM	132,020	610	82	C
UA6LAM	127,160	639	68	C
RZ3AW	123,994	570	84	C
UV3RV	75,576	476	67	C
UA3YAO	71,492	415	61	C
RA4YM	67,914	422	63	C
UA4SS	66,840	454	60	C
RA4AI	64,218	361	66	C
RA3PP	60,480	428	52	C
UA4AHA	51,084	367	52	C
UA3XDF	50,344	293	58	C
UA3LID	45,738	326	54	C
UA3ICJ	45,472	296	56	C
UA3JD	39,416	308	52	C
UA3LDU	31,100	235	50	C
UV3ABN	23,484	216	38	C
UA4NGC	17,640	212	35	C
UA3TAG	15,519	225	21	C
UA3TU	13,560	56	60	C
UA4YG	9,168	235	16	C
UA3TAM	6,601	109	23	C
UA6HPT	5,202	130	17	C
R6L (UA6s LO,LV,150-1060,150-1103, 150-1240,150-1403,UB5ITW,UV6LPL, ops)	1,201,288	2058	187	D
RW4L (RA4LW,RZ4LL,UA4s LJ,LU, UA0OGS,ops)	541,975	1486	133	D
UZ1TWC (UA1s TAN,TPG,144-1068,ops)	240,210	1021	90	D
UZ1TWB (RA1TE,UA1s 144-380, 144-386,ops)	186,704	898	79	D
UZ3PWJ (UA3s NOI,PLS,PNN, UV3AKK,ops)	92,259	515	67	D
UZ3EWD (RA3EA,UA3EKG,UA3s 147-10,147-421,147-422,147-439, 147-448,ops)	88,576	527	64	D
UZ3DZD (RV3DA,UV3DPH,UA3s 142-303,142-1896,ops)	41,496	300	52	D
UZ1AWO (UA1s AAF,AQF,ops)	38,680	301	40	D

Ukraine

RB5QF	482,339	1112	143	A
UB5FAN	158,565	620	93	A
UY5TE	118,827	526	81	A
RB5IN	52,575	283	63	A
UB5RV	40,327	307	49	A
RB5UN	27,489	179	51	A
UB5XAN	9,246	109	46	A
RB5IOV	3,066	38	21	A
UB5NBJ	1,208	73	8	A
UB5ZME	1,155	45	11	A
RY7D	425,615	1314	115	B
UB5DCD	8,855	125	23	B
RB1IZ	429,154	1155	127	C
UT2L (UB5LCV,op)	253,864	880	104	C
UB4IX	107,604	443	84	C
RB5RF	69,650	365	70	C
UB5MLP	65,952	311	72	C
UB5EF	55,902	323	66	C
UB5BCJ	52,338	274	66	C
UB5ZKG	19,182	251	26	C
UB5JNW	17,682	282	21	C
UB4IWI	11,352	150	22	C
RB5FK	8,925	160	21	C
UB4JKO	4,942	304	50	C
UB5VK	550	20	11	C
UR5M (RB4SMF,HB, RB6s MA,MF,MP,MP, UB1MM,UB3MM UB4s MEU,ML, UB5s MAF,MDA, -059-33 ops)	3,802,140	3808	270	D
RY1U (RL7LW,RT4UB,UB4JFJ,UL7s ACI,LER,179-190,UT3UA,UT4s UX,UZ,UT5UGR,ops)	2,635,063	3569	239	D
4K5ZI (RB5s FF,FT,ZM,RC2AR,RO4OE, UB5s FA,FBV,UC2-188-1,UO5OB,ops)	1,573,416	3337	164	D
RY6Q (RB5s QNA,QRQ,QRW,QW, UB6QQ,ops)1,148,045	2653	149	D
UB4IWE (+ops)	151,846	632	82	D
RB4IYJ (UB5IAN,UB5s 073-3972. 073-4364,ops)144,467	691	73	D
UB4IZH	18,278	194	37	D

Byelorussia

UC2OAF	56,925	393	56	A
UC2IDC	229,770	438	207	B
UC2ADX	375,240	1141	120	C
RC2AY	70,032	522	48	C
UC7O (RC2s OA,OB,OC,UC2s OE,OG, OL,OR,OS,OZ,RZ,ops)	1,836,490	3024	206	D

Azerbaijan

UD6DF	24,920	260	28	A

Georgia

UF6VX	49,717	92	20	B

Moldavia

UO5OA	88,846	528	62	C
UF6FAL	33,950	1358	25	C

Lithuania

LY2OU	271,952	1062	92	A
LY1DS	108,092	682	61	A
LY3BH	82,498	451	64	B
LY1DI	27,495	263	39	B
LY2BKM	70,560	465	63	C
LY2PAQ	66,291	449	57	C
LY2BLA	35,188	370	38	C
LY2BB	1,020	24	15	C
LY2WW (LY2s BIJ,BKW,ops)	691,713	1609	153	D

Latvia

YL2HB	24,772	203	44	C
YL2EC	20,163	189	39	C
RQ7W (UQ2UB,YL2AG,YL3CW,ops)	983,291	2163	157	D
UQ6A (UQ2GID,YL2s GM,GN,KI,KL, TW,ops)	715,772	2080	127	D

Estonia

ES4MM	34,065	305	45	C

Zone 30

European Russian RSFSR

UA4WHW (RW4s WR,WZ,UA4s WAS, WES,WI,WW,ops)	99,979	544	61	C
UZ4WZA (UA4s WAD,WES,WI,WW, RW4s WR,WZ,ops)	288,855	925	105	D

Asiatic RSFSR

UA9WWF	26,418	241	42	A
UA9SG	24,360	170	38	A
UA9SCX	1,098	36	9	A
RW9AB	98,670	339	66	B
UW9QA	46,020	312	59	B
UZ9CZO	4,078	92	27	B
UA9AKS	48,680	267	40	C
RK9C (UA9CGA,UV9CAF, UA9-154-2063,ops)	1,395,876	1843	178	D
UZ9CWW (RA9CU,RV9CBW,UZ9CU,ops)	677,600	1272	121	D
UZ9FWW (UA9s FQY,FMZ,ops)	236,670	555	98	D

Uzbekistan

RI5A	28,268	156	45	C

Tadzhikistan

UJ8JA	282,716	681	92	C

Kazakhstan

RL0O	623,070	1127	125	B
UL7RE	76,076	338	52	B
UL7OAG	26,832	232	26	B
RL7A	855,184	1649	113	C
UL7LG	566,351	1155	107	C
UL7CW	485,994	1013	107	C
UL7RDZ	46,250	300	37	C

Kirghizia

UM8MFO	10,714	115	22	B

Zone 31

Asiatic RFSFR

R9H (+ops)	812,886	1851	122	D

Kirghizia

RM5P/UM8QDX	146,268	326	102	C
UM8MX	3,984	51	16	C

Zone 32

Mongolia

JT1CS	121,960	170	11	A

Asiatic RSFSR

UA0SR	100,450	383	70	A
UA0TO	228,017	575	107	B
UW0ST	8,140	92	20	B
EX0S	270,684	690	103	C
UZ0SXF (UA0s SUI,SUS, UW0SN,ops)	61,985	303	55	D
UA0/PA3EUS (+UA0COO)	2,193	37	17	D

Zone 33

Asiatic RSFSR

UA0UAG	10,752	114	28	C

Zone 34

Asiatic RSFSR

RA0FA	91,356	362	69	A
RA0FU	36,270	234	45	C
UZ0CWW (UA0CCF,CHW,UW0CO,ops)	34,203	254	39	D

Zone 35

Asiatic RSFSR

UA0ZDA	4,316	64	26	C

Zone 36

Madeira Islands

HB9CEY/CT3	135,350	551	50	C

Canary Islands

EA8BSJ	256,310	738	71	B
EA8BWW	188,210	650	59	B
EA8DM	127,296	435	62	B
EA8AD	61,950	304	42	B
EA8BXQ	10,276	85	28	B

Zone 37

Portugal

CT8A (CT1DVV,op)	97,125	801	37	B

Spain

EA1EVW	45,507	465	33	A
EA5FKQ	55,456	323	54	B
EA3GFT	19,136	272	23	B
EA3GCJ	17,388	250	23	B
EA3DVJ	12,765	118	37	B
EA3DZZ	10,314	183	18	B
EA5WU	141,128	754	59	C
EA7CA	61,110	264	70	C
EA7GQZ	42,898	236	56	C
EA7GHB	570	17	10	C
EA3GCT (+EA3s GCV,GFW)	70,636	374	61	D
EA2BSJ (+EA2CFZ)	36,416	378	32	D

Zone 39

UK Sov Base Areas on Cyprus

ZC4BS	533,400	1069	105	B

Israel

4X/AA4KD	36,360	197	40	A
4X1TD	117,024	532	46	B

Cyprus

5B9A (5B4SA,op)	1,525,626	2279	131	B
5B4MF	1,210,806	1875	137	B

Zone 41

India

VU2UR	36,465	175	51	A
VU2CC	1,508	30	13	B
VU2NBT	219,112	768	61	C
VU2FWW	12,465	183	15	C

Zone 44

Taiwan

BV2WA	31,001	387	29	B

China

BT4TS (BZ4s DBY,DCE,DCH,DDI,ops)	40,482	340	39	D

Zone 45

Japan

JA8RWU	149,762	420	103	A
JH5ZCP	148,335	452	87	A
JA1DXR	48,162	190	69	A
JI3OPA	27,540	146	51	A
JA1BUI	19,453	117	45	A
JI1PGO	17,864	86	56	A
JM1NKT	17,292	115	44	A
JE1BDC	14,000	98	35	A
JA4DUD	13,772	91	44	A
JA3UWS	8,908	76	24	A
JA4ETH	8,251	73	37	A
JH9CAV	6,540	74	30	A
JG1RDV	620	14	10	A
JA1AAT	522	14	9	A
JA3WFQ	340	10	10	A
JR2IGV	225	11	5	A
JQ1NGT	78	13	6	A
JH1AEP	84,494	350	83	B
JA5APU	29,205	147	55	B
JR1GSE	28,340	195	52	B
JH1UUT	9,306	86	33	B
JE1GZB	3,630	47	22	B
JA9GJK	1,411	25	17	B
JA2BEY	944	17	16	B
JH2WHS	768	20	12	B
JE8UZG	730	21	10	B
JA1JLP	684	18	9	B
JJ2TQO	639	17	9	B
JA4DHN	530	15	10	B
JR3KAH	391	11	7	B
JA1STY	231	9	7	B
JR1MRG	216	9	8	B
JA1POS	85	5	5	B
JO1MCC	80	6	5	B
JA1XPU	72	4	4	B
JE0VSW	4	2	2	B
JL6IPK	2	2	1	B
JA8QNJ	86,506	317	74	C
JA7DLE	81,200	299	80	C
JL1ARF	32,085	124	69	C
JK1GKG	29,624	177	56	C
JA9CWJ	28,084	132	59	C
JI3BFC	23,100	146	44	C
JR1IJV	20,792	126	46	C
JA1BNW	19,404	121	42	C
JG1BPS	12,080	106	40	C
JE4VRF	7,310	62	34	C
7K1NUX	5,751	63	27	C
JA1WYQ	5,430	49	30	C
JA8AJE	5,088	45	32	C
JA8HBO	4,914	46	27	C
JA3ARM	4,128	50	24	C
JA2OJ	3,822	44	21	C
JA0XQO/1	1,377	23	17	C
JA6WIF	1,185	21	15	C
JL1EUP/1	560	36	7	C
JR4ISK	540	36	10	C
JA2ESR	252	9	7	C
JA4RTX	76	5	4	C
JI7OED	10	5	2	C
JE2YRD (JF2EOC,JH4NMT,JR7OMD, ops)	219,240	546	105	D
JA8YBY (JO1DFG,JE8CTG,JG8NFE, JH8PNE,JR8s DHA,WJS,ops)	175,824	550	99	D
JA3YBF (JE1TND,JO3LDN,JF4FUF, JG4CLV,ops)	141,648	424	104	D
JA0YAK (JK2PVL,JG0DUA,JF0FFR,ops)	29,988	164	51	D

Zone 48

Kenya

5Z4BI	838,395	1823	93	B

Zone 49

Vietnam

3W4DK (UA3DK,op)	122,670	1186	30	A

Zone 50

Philippines

KG6UH/DU1	15,211	87	41	A

Zone 52

Gabon

TR8D	32,958	377	18	B

Zone 53

Malawi

7Q7JH	802,576	1629	103	B

Zone 54

Indonesia

YB2OK	77,922	222	81	A
YC2JWB	28,990	231	26	A
YC2PXP	54,796	532	103	B
YC8SWR	9,576	152	21	B
YC2HAX	168,462	559	63	C
YB2FEA	14,364	113	27	C
8A2DX (YB2s BKJ,CPO,EMK,FRR, YC2s ERF,IAB,INB,ops)	671,674	1365	102	D

Zone 55

Australia

VK4CRR	183,819	557	71	B
VK8SD	8,303	79	23	C

Zone 57

South Africa

ZS6HO	33,864	208	34	B

Zone 58

Australia

VK6BGF	10,261	81	31	B
VK6AJ	56,784	230	52	C

Zone 59

Australia

VK2APK	405,230	861	98	C
VK2KS	65,569	115	18	C

Zone 60

New Zealand

ZL1UN	35,937	279	27	C

Zone 61

Hawaiian Islands

KH6FKG	109,284	534	42	B
AH6JF	21,056	154	28	C

Zone 63

French Polynesia

FO5141W (FO5IW,op)	205,425	593	75	B

Checklogs

3A2/SM0JHF, DF3OL, DJ0MAQ, DL8IH, EA5BK, EA5BZS, EA5DIT, EA7CP, EA7FUH, I8KHP, K7JBQ, KA1YMU, KB5LLW, LA1DHA, LA2OH, LA4BN, LA7EHA, LA7IJ, LA8CE, LA9FFA, LA9NM, LY1CY, LZ1DM, LZ1OT, LZ3ZL, OH3MIG, OH6MIL, OH8LAE, OK1ALQ, OK2PAN, OK3KJF, OZ5PA, OZ5UR, OZ8DX, PA0TV, PA0UV, RA1AI, RA3NC, RA4AKS, RT5UE, RV3DS, SM0CSX, SM0NJO, SM6IJF, SM7AIL, SM7CKZ, SM7TV, SP1MHZ, SP2AHD, SP2HHX, SP4EEZ, SP5NOG, SP8BAB, SP8BBK, SP8BBK, SP8UFB, SP9EWT, UA0QO, UA0RGG, UA1CIO, UA3WCN, UA4FAC, UA4ZA, UA6ED, UB4DWW, UB4QYA, UB4XWK, UB5CMD, UB5EDX, UB5JS, UB5ZC, UC1LXC, UC2ADR, UC2CEI, UC2IEA, UC2SDD, UV3DPP, UV5DN, UY6U, UZ4AXN, VE7COP, W2KXB, W2LRJ, Y23CJ, Y23HJ, Y24OA, Y45XO, YC4GDZ, YO3FRI, YO6ADM, YO6AVE, YO6OBH, YU7KM, ZL4QJ, ZS6AXF.

QST