

Results, Ninth IARU HF World Championship

A great contest, with plenty of room for everyone!—Jeff, N2MZH

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Contest Manager Assistant Contest Manager

Is there light at the end of the tunnel? It certainly looks that way! After a run of lower scores in the IARU HF Championships, this year's contest saw scores take a jump for the better. Can days of better propagation be far behind?

We remarked in last year's results that to have a good score, you needed to work large numbers of Europeans. Judging by the comments we received, this changed. Many operators told us that working W/VEs this time around made the difference. So much for being at the bottom of the sunspot cycle!

Apparently, the big opening this year was from Europe to the West Coast. Bob, W6CN, reports, "It was the first time in my 50 years of being a ham that I ever saw such a long opening to Europe from the West Coast. It lasted all day and into the night, and I could copy SK2HQ on 20 meters until midnight!" This is that time of the solar cycle where 20 becomes both a daytime and a nighttime band. Maybe this is Mother Nature's way of compensating us for taking away 10 and 15 meters for a couple of years.

The final scores bear out the difference. For example, take a look at the perennial dogfight for the top IARU HQ station score between HG94HQ and DA0HQ. The Germans did another great job of hunting down the multipliers. They finished with 299, up 27 from last year. In comparison, the Hungarians only had 9 more than last year. They did add another 734 QSOs over their previous effort, however, leaving the German operators in second place again.

A scan through the Top 10 boxes shows familiar call signs that experienced contesters will recognize. There are a few operators

who put forth outstanding efforts to capture the top spots. Hernani, CT3BX, operated CR3R on Madeira on phone and doubled the score needed to win this class last year. Being able to work Europeans and North Americans pays off! Joe, W5ASP, one of the operators at N5EA, noted "a surprising lack of activity from the Central and South America stations." Did they forget to get on the air?

Last year, no one in the US or Canada finished with more than 840k; this year, five stations had more than a million points. A couple of W/VE stations even made it into the

worldwide Top 10 boxes, the first time that's happened in a while.

In the multioperator category, W5WMU, stung by WX0X last year, pulled out all the stops and easily outdistanced them this year. Rick, K1IG, and John, W2GD, proved that there's still a lot of activity on CW, finishing 1-2 in the US and 2-3 overall. Fred, K3ZO, always seems to hover around the top, no matter what contest he enters, and he won the Mixed Mode category this year, finishing in ninth place worldwide.

Don't get us wrong—by no means are the bands back to the conditions we were used to a couple of years ago. Those positive thinkers among us, however, will argue that we've turned the corner. If this year's contest was any indication, better times may not be far away.

One thing is certain: The only surefire way any of us is going to know how things are on the bands is to turn on our rigs and make contacts. Don't wait for the results afterward to find out what you missed—get on and operate! The next IARU HF World Championship is July 8 and 9. We'll be looking for you then!

IARU Headquarters Stations

HG94HQ (HA1s FF,VQ,YA,YU,QD,HA2RX,HA4YD,HA5s AWH,CEH,FA,FM,GF,IW,KS,MK,ML,TI,UA,WE,HG5s BGG,CCC,HA6s DX,FQ,GK,GM,IAB,IDL,ND,NF,NL,OB,OI,ON,OY,PO,PX,PY,RX,VA,NB,VH,WI,WP,WQ,WX,ZS,QV,HA7s JES,RY,VB,HA8s IB,IE,LKE,TK,HA9s CU,SU,ops)	8,896,656	9332	292
DA0HQ (DL1s AKW,ASA,AUZ,AWI,DTL,EMY,DL2EBX,DL3s APO,DXX,DZZ,OI,RMA,DL5s ANT,AOM,ATD,AWI,EBE,XV,DL6s CKF,CPG,MYL,DF7RX,DJ7AA,DL7s UTA,VNF,DL8MVG,DL9AWI,ops)	7,704,632	8898	299
EM5HQ (UT1s IA,WA,WL,UT2s IA,ID,II,IM,IO,OT,UY3IM,UX3FW,UR5s WGW,ZMZ,US5s QDP,QRW,UY5s QQ,XE,ZZ,UT7WZ,UR9QQ,UX0FF,ops)	7,450,185	7679	285
OM9HQ (OM3s JW,KAG,KAP,KCM,KFF,KII,RJB,RKA,RMM,ops)	7,120,710	8369	270
YP0A (YO2s BBT,BV,DFA,YO3s APJ,AWT,CDN,FRI,FU,YO4s AB,ATW,HW,NF,SI,XF,YO6s ADM,AWR,DDF,OBH,UX,YO8s BAM,BIG,RSL,WVW,YO9FE,ops)	6,369,920	8247	269
LZ7A (LZ1s NG,UK,UQ,YQ,ZX,LZ2s JE,PO,PP,UU,YF,ZF,LZ3s FN,GU,SM,UA,LZ4s AX,IM,WVW,ops)	4,720,911	5815	277
OT4H (ON4s ALT,AMI,AXV,OE,XG,ON5AZ,ON6s HP,JG,LO,MR,NL,VK,ON7s DU,NB,SS,UN,ZM,ONL-4335,ops)	3,306,096	4319	216
SK2HQ/SK3HQ (SM2s EKM,CEW,SM3s CER,DMP,EVR,SGP,ops)	2,618,055	4155	165
OH2C (OH2s BC1,BQW,BVF,NRV,ops)	1,774,325	2963	175
IU2A (+ops) 712,097	1675	139	
3Z0HQ (SP3s AMZ,BLV,FLR,MEP,PK,VKO,ops)	628,575	1777	145
W1AW (NG1J,K2WR,N2BCC,ops)	550,014	1734	109
4U1ITU (KB2R,op)	504,832	1290	128
LX0RL (LX1s HT,JH,KQ,RA,TI,LX2BQ,DL1LE,OH2PQ,ops)	487,920	1238	114
8J3XHQ (JL2NGY,JA3MAU,JF3EIG,JG3RPL,JI3ERV, JJ3WPF,JN3VOG,JP3LKR,JQ3OZY, JR4ISF,ops)	486,291	2105	111
9V1ARU (9V1s YC,YJ,JE1JKL,ops)	288,858	820	93
T70A (T77CD,IKOWIN,ops)	94,643	541	43
VA3RAC (VE3s JQJ,NPL,NXO,REJ,ops)	12,272	253	16



Yuri, UA0ST, "worked a lot of good DX" from Zone 32.



Andre, PY0FF, handed out almost 1700 QSOs on phone.

amazing conditions (KIIG). I tried doing something a little different this year and went to using two radios. It was a little confusing and taxing; I did notice that my overall rate had greatly improved (KIRU). The thunderstorms always seemed to show up at the most critical moments, but propagation produced terrific pileups on 80 meters (WS1A). This was my second IARU contest and I found it more exciting than my first. It was greatly enhanced by having all equipment working superbly, without any breakdowns, and it was great to find 20 meters wouldn't quit; these produced great runs (WM2V). This was my first contest using a beam antenna. I've worked many contests with dipoles or a vertical antenna; boy, what a difference. It's nice to be heard on the first call (N2LSK). I made my first DX QSOs on 80-meter CW with my new ladder-line dipole up about 50 feet. A real thrill was Sunday morning when I called CQ on 40-meter CW and a VK2VM came back to me. This is the first VK I've worked from my home shack. In general, a great contest, with plenty of room for everyone, I even took time out to ragchew and I got a decent amount of sleep (N2MZH). This was my first time operating in the IARU contest. I certainly learned a lot, now you can't keep me away from CW contests (N2PEB). It sure seemed that participation this year was way up, but maybe it was the antennas I was using. 20 and 80 meters had great openings, and if you didn't play, you missed some great fun (WB2K). My antenna system is an inverted V on 40 meters and on 80 meters I only have a horizontal V (cloud warmer) for antennas. When I first got on the air, my intention was to work a few DXCC countries for my log. The area where I live is surrounded by hills and at the time I didn't expect to do well, but as the hours drifted by and the contacts began to accumulate, my excitement began to grow. I decided to establish a score I could strive for in future years. Even with my modest antennas I made a great attempt and it was a great deal of fun putting in the added effort (KG8GW). Murphy didn't go abroad this year, he stayed at home in Northern Ireland and annoyed me instead. Nevertheless, it was an exciting contest. Propagation was poor on 15 and 10, and I missed many zone multipliers (G10NWG). This was an interesting, exciting contest from this part of the world. I have a modest antenna system, but I hope next year to have an antenna for 40 meters to get the multipliers (DL8HCO). It was great fun to work so many new stations; we made sure we picked up those elusive new countries and prefixes, and hope to be able to do the same in the next contest (SP1MHV). We greatly appreciated the participation of the of the US stations and it helped gain many points for Poland and Europe. (SP3FAR). The band conditions were by far the best I've seen in this contest in years. I was able to work many Stateside stations, including the West Coast, with just five watts and a dipole (SP9KRT). This was my first DXpedition to ITU Zone 32; it was a complete enjoyment. The weather this time of year in Siberia was outstanding (UA3D/O). This was a fun contest and is still one of the best. It was a lot of fun working ITU and the many IARU HQ stations (CT1BWW). I want to thank you for the first-place award in the 1993 IARU contest. It was a complete surprise and greatly appreciated (EA3EJ). My wife and I shared the shack area for the contest. It was my wife's first attempt at contesting, so it made operating a great deal of fun (EA3BT). This was a fine contest, but Murphy's visit came too early. Friday at noon. We started with no power to the amp, then no TX/RX on 10 meters, then by 1030 UTC Saturday. Murphy finally decided to go on vacation and everything worked fine during the rest of the contest. I hope for the next contest Murphy won't come again (C48A). All of our contacts were on CW and were only operating with 100 watts, but we're glad we were dug out of the low-power mud, especially on 40 meters. Everything aside we'd do it all over again (9V1ARU). Conditions are getting worse and worse, while I keep having more and more fun (F61IE). It's a pity 15 and 10 were so quiet. I can't wait until next year to give it a second, and hopefully better, crack (G0DEZ). It was nice to see propagation to the US for a change (GM0ECO). The small openings made me chase multipliers and still enjoy the contest (ON4AUC). This is always a pleasant contest (ON5CZ). It was a fine contest and conditions were good (ON4BR). The high temperature in my shack prevented me from going for a higher score. I only heard two stations on 10, and couldn't work either one (PA0MIR). I hope to come back next year, with



Len, KB2R, popped by 4U1ITU in Geneva to give out HQ multipliers.



Feedback

See February 1994 *QST*, page 109: HA0MM's line score was incorrectly printed as 199,404. It was actually 1,999,404.

Dave, WJ2O, traveled to Greenland to operate from the club station in Nuuk.

A "Revolutionary" Contesting Experience

By Peter Casier, D2TT/ON6TT

The IARU HF Championship is one of my favorite contests. This year, I found myself in Angola working as a telecommunication consultant for the Red Cross. Luckily, during the weekend of the contest, I was in Luanda, the capital of Angola. I had set up an HF station for the Red Cross at its headquarters: a triband Yagi fixed to Geneva (due north) and a multiband dipole on the top of a seven-story building.

For the contest, I hooked up my faithful HF transceiver and prepared to cope with the regular power failures common to Luanda: two 124-Ah batteries and a small 600-W generator. The power didn't fail once during the contest, but the voltage dropped to 190 V from 220 V, causing the output of my transceiver to drop to only 20 W. The office where I set up the equipment is in an apartment block, overlooking a living area of small houses. Africa is normally a noisy place; there, everyone tried to beat everyone else by turning up the volume on their television sets as loud as possible. So I was quite used to hearing all kind of things. At about midnight, though, I heard the noise level going higher than that of my headset. It was like hundreds of people were shouting and screaming in the street below. I took a careful look over the balcony and saw a couple of gangs involved in a gunfight. People in the streets were running around trying to find a place to hide. It was the first time I had "local QRM" in a contest caused by a gunfight.

Propagation was good the first couple of hours in the contest, with nice runs into the US (despite my 20-W output), but once 20 meters closed, I could forget working anyone on 40 or 80. I heard stations, but I wasn't heard by anyone else. I fell asleep in front of the receiver with my voice failing after calling CQ six times per minute. Early in the morning, most of my contacts were by search-and-pounce. I couldn't get a pileup running. Even the S&P was difficult; I kept getting, "What is your call sign? 3D2TT? OD2TT? DL2TT?" But I didn't give up, and five minutes before the end of the contest, I had my pileup running again. I would have done anything for a kW or a rotatable Yagi...even for a voice keyer...or 220 V. Then again, that's the fun of contesting, isn't it?

Top World Scores

Mixed Mode		Phone Only		CW Only		Multioperator	
Call Sign	Score	Call Sign	Score	Call Sign	Score	Call Sign	Score
HA0MM	1,875,258	CR3R (CT3BX,op)	3,718,451	C48A (5B4ADA,op)	1,852,590	HG73DX	3,237,894
VP5NC (AA4NC,op)	1,490,886	UR5MAF	2,209,116	K11G	1,194,510	UU5A	2,552,256
DL5IAR	1,362,200	EN0D (UT7DX,op)	1,266,252	W2GD	1,099,150	UT7E	2,300,400
UA3RAR	1,242,428	RZ9U (RZ9UA,op)	1,192,498	S59AA	1,041,390	IR4T	1,792,635
OH6NIO	1,181,582	PY0FF	1,153,740	OH2PM (OH1WZ,op)	970,717	RU6L	1,777,888
EN11 (US11TU,op)	1,081,917	YT1AD	1,149,660	K4PQL	826,284	C49C	1,662,880
UA3D/0 (UA3DPX,op)	1,023,840	OH6LNI	1,036,935	UX2HO	814,660	T9A	1,580,128
DL3KDV	849,090	G4JVG	1,025,208	S53DCM	790,071	RW6AWC	1,576,274
K3ZO	803,125	UX0MM	868,700	N6TR	752,410	W5WMU	1,534,250
KZ5D	760,608	5N0MVE	835,968	DL1IAO	742,462	OK5W	1,443,224

Top W/VE Scores

Mixed Mode		Phone Only		CW Only		Multioperator	
Call Sign	Score	Call Sign	Score	Call Sign	Score	Call Sign	Score
K3ZO	803,125	WA4PGM	650,236	K11G	1,194,510	W5WMU	1,534,250
KZ5D	760,608	W4PZV (WA4SVO,op)	471,660	W2GD	1,099,150	WX0X	1,251,888
N8II	597,820	WA7FOE	452,214	K4PQL	826,284	K5NA	1,098,131
KF0H	447,412	WS1A	397,320	N6TR	752,410	N5EA	863,863
N5NMX	435,612	K4VUD	386,004	K1RU	698,775	AA1AS	849,126
K3WV	434,910	N4UH	375,100	WZ3Q	607,420	KN2T	805,375
VE3RM	429,739	CI6AO (VE6MD,op)	345,840	AG6D (N4TQQ,op)	533,021	K9SD	680,295
WX9U	372,720	WM2V	305,828	W1ZM (K0EJ,op)	518,520	AD5Q	642,692
KI4XO	367,356	KD9ST	278,168	VE3KP	368,019	KF2KT (UT5UGR,op)	600,010
W1GD	345,840	VE1UK	253,184	K2SX/1	342,693	NC0P	578,600

Scores

Scores are listed by ITU zone and then by country, ARRL section or Canadian province within the zone. Line scores indicate call sign, final score, QSOs, multipliers and entry class (A = single operator, mixed mode; B = single operator, phone only; C = single operator, CW only; D = multioperator, single transmitter).

Zone 1	Santa Barbara	Zone 7	Kansas	WF1L	34,686	200	47 C
Alaska	W6TKF 86,292 325 68 A	W5	K0VGB 57,882 261 66 A	AA1AS (+KY1H,NU1P,WM1K)	223,686	633	102 A
KL7RA 244,937 821 77 A	WA6FGV 77,994 412 63 A	Arkansas	W10R 34,902 215 42 C	K2POF	57,000	257	57 A
KL7FAP 7,540 84 26 B	W6AB (N6GC,WZ9J,ops)	KM5G 130,080 568 60 C	K0BJ 23,562 157 42 C	KC2QF	22,550	216	41 B
Zone 2	183,770 570 85 D	Louisiana	N0FMR 15,207 119 37 C	W2	25,980	212	30 D
Alberta	Santa Clara Valley	KZ5D 760,608 534 139 A	Minnesota	Eastern New York			
CI6AO (VE6MD,op)	N6IP 341,544 806 104 A	NZ5D 90,744 334 76 B	KF0VB 31,624 168 59 B	W1ZE	223,686	633	102 A
VE6JAV 345,840 1168 88 B	N6NM 167,498 538 89 C	AB5HD 8,256 80 32 C	N0MSB 4,530 43 30 B	K2POF	57,000	257	57 A
VE6JY 66,368 240 68 B	San Diego	W5WMU (+WU3V,NEAN,W5XZ,W6MJ)	KF0T 53,820 291 60 C	KC2QF	22,550	216	41 B
CI6BF (VE6BF,op)	KF6BL 137,592 632 63 A	1,534,250 1963 170 D	N0AT (+NET)	8,091	73	29 D	
196,308 612 84 C	W6CN 45,738 206 63 B	Mississippi	Missouri	WA2UKP (+WA2JQK)	192,794	707	94 D
British Columbia	KD6QK 37,056 772 48 B	WASOYU 180,964 623 96 A	N0JHX 3,174 42 23 B	186,786	706	81 D	
VE7QO 213,435 583 85 A	W6UQF 113,470 470 69 C	NSQDE 107,768 420 76 B	WX0X (WX3N,NB9T,ops)				
VE7JMN 51,832 336 44 B	AB6NE 33,600 700 48 C	North Texas	1,251,888 1933 176 D	NYC-Long Island			
VE7XO 32,383 107 47 B	San Francisco	WBSB 117,724 409 76 A	46,750 227 50 D	KF2KT (UT5UGR,op)	600,010	1223	145 A
Yukon	AG6D (N4TQQ,op)	NN5T 86,821 295 79 A	North Dakota	WM2V	305,828	848	101 B
CK1JA (VY1JA,op)	WW6D 31,020 182 47 C	NA5F 15,953 107 43 C	WB00 107,423 401 71 C	KA2HMJ	159,040	639	64 C
132,066 215 66 A	W6BIF 23,680 182 32 C	WASMU5 5,376 100 21 C	Nebraska	N2MBM	126	10	3 C
Zone 3	WA8LLY/6 (+NET)	Oklahoma	NW0F 35,530 295 38 C	N2LSK (+N2ION)	12,376	44	26 D
Manitoba	1,836 30 17 D	KBSOB 40,920 432 31 B	Zone 8	W1	2,376	55	26 D
CI4VV 341,020 1226 85 A	San Joaquin Valley	W5UDA 263,055 709 95 C	Connecticut	W2GLO (KB2OYM,KS2G,N2S,LSU)	10,914	105	34 B
VE4MF 15,373 55 53 C	KC6CEX 216,080 643 74 A	WV5S 125,330 426 83 C	WE6G 192,809 529 101 A	UAC,XXR,XUT,W2ERJ,ops)	4,267	64	17 D
Zone 4	KB6HRB 12,000 99 32 B	NJ1V (+ABS1,KB5RBX)	WV1C 114,744 445 84 B	Northern New Jersey			
Quebec	W6U 109,719 399 73 C	South Texas	KD18M 28,215 153 57 B	W1GD	345,840	738	132 A
CI2AWR 63,720 402 45 A	Sacramento Valley	N5NMX 435,612 373 124 A	N1NQD 10,115 89 35 B	N2KJM	7,888	92	34 A
VE2FFE 960 22 12 C	N6WR 7,852 104 26 B	WA1PRY 28,832 123 34 A	K11G 1,194,510 1727 174 C	N2MZH	63,864	321	72 B
Ontario	N6NF 73,975 361 55 C	NA4M 150,307 681 73 B	K1RU 698,775 1487 121 C	N2VYU	9,269	85	31 B
VE3RM 429,739 1019 113 A	K6FO 44,464 208 56 C	WAS1YX 29,362 554 53 B	K2SX/1 342,693 757 117 C	N2WJQ	1,099,150	1625	178 C
VE3CWE 86,424 302 78 A	AA6CX 25,652 175 44 C	KA4FIL 13,702 115 34 B	N4XR 8,316 75 36 C	WA2VYA	50,228	236	58 C
VA3SYL 48,480 451 32 A	W7	W5NR 5,921 51 31 C	WA1MBK 4,180 71 20 C	W2LRO	2,413	47	19 C
VE3KP 368,019 903 103 C	Arizona	N5EA (+K5GA,W5ASP)	W4YDD 972 69 9 C	Southern New Jersey			
VE3EJ 46,428 226 53 C	W7YS 69,120 304 64 B	AD5Q (+KB5s UHS, YV7)	Eastern Massachusetts	WA3RHW	26,400	130	55 B
Zone 5	NN7A 17,640 124 45 C	642,692 1519 124 D	K&JL 67,270 289 62 A	N2CQ	7,710	71	30 C
Greenland	Eastern Washington	K5RC (+NET) 68,526 287 54 D	W1DOH 75,287 255 79 B	KN2Q (+KD2s CI.1,KN2L,N2s ORM, RHM,KA3YA)	805,375	762	125 D
OX3/WJ2O 406,637 1311 77 A	N7VEW 91,250 576 50 A	West Texas	WA1TTE 594 26 11 B	Western New York			
Zone 6	Idaho	WB0WJJ 1,992 48 12 A	K1JKS 85,072 404 52 C	AA2BA	10,914	105	34 B
W6	KA7T 53,845 265 55 C	KESIR 66,700 406 46 C	N6EK/1 57,834 331 54 C	N2LQO	6,902	74	29 B
East Bay	Montana	K5ED 44,296 239 56 C	K1VUT 28,080 259 45 C	KW2J	101,460	470	57 C
KI6OY 2,768 61 16 B	K7ABV 111,244 540 42 A	WQ5Y (+N5SEH,NZ5V)	WA1IML 26,052 165 52 C	N2PEB	18,564	130	42 C
Los Angeles	Oregon	81,320 245 92 D	W1FM (+N1SOH)	W2IMO	15,688	100	37 C
N6MI 296,240 882 92 A	W7YQA 314,464 708 124 A	W7	Maine	W3			
KU6T 32,256 190 48 A	N6TR 752,410 1413 134 C	Wyoming	WW1P 3,423 57 21 A	Eastern Pennsylvania			
N6IB 31,700 164 50 A	KA7FEF 3,450 56 23 C	N7MZW 41,118 363 42 B	KA1GTR 41,359 199 59 B	K3WW	434,910	994	109 A
AG8L/6 21,402 180 41 A	Utah	W9	New Hampshire	W3BGN	273,876	492	87 A
KJ6HO 9,504 82 33 A	W7HS 67,394 259 62 C	Illinois	KD1ON 12,837 123 33 A	KB3TS	71,672	262	68 A
KM6YX 130,680 549 72 B	K6XO (+K17WX)	K9SD (KW0A,KA0GGI,WW9s)	W51A 397,320 938 110 B	N3MKZ	219,765	691	91 B
N6TCZ 144 18 8 B	227,756 724 97 D	L,Q,KC9A ops)	N1OAZ 49,848 254 42 B	K5QJLF	50,585	213	67 B
W6NNV 6,804 86 19 C	Western Washington	680,295 1121 165 D	Rhode Island	KL7HIR/3	143,226	392	109 C
N8SR 976 116 26 C	WA7FOE 452,214 1162 105 B	W0	K1PLX 190,012 537 106 B	WF3T	111,540	489	60 C
N6XJG 920 115 8 C	W7LZP 147,040 520 80 B	Colorado	K1HMO 108,000 323 96 B	WB2K	82,068	1407	148 C
W6YRA 657 27 9 C	AA7RW 22,950 134 45 B	KD0NB (+NET)	Vermont	Maryland-DC			
Orange	K17OT 35,098 237 46 C	21,420 142 45 D	K1CLN 37,260 176 54 A	K3ZO	803,125	1617	125 A
AB6ED 17,057 144 37 A	N6HR 31,740 160 46 C	Iowa	WW1R 49,500 250 55 B	N2WCQ (UT4U2,op)	103,020	455	68 A
KD7EY 6,858 82 27 A	W7DK (AJ7R,K7YLM,KB7NAG, KC7AVT,N7s EDP,VGO,WA7UQV, WB7s AVJ,DFQ,ops)	KF0H 447,412 530 116 A	W1S 79,915 379 55 C	NF3X	10,304	62	56 A
W6HAL 64,170 1395 46 C	107,281 469 71 D	KC0GM 43,160 222 52 B	Western Massachusetts	WB2TNL	25,392	144	46 B
		W0PPF 10,704 124 24 B	AA1EY 72,734 291 82 B	AA2QX	51,612	266	51 C
		K0OAM 83,640 270 82 C	KV1W 34,580 201 52 B	W3CPB	21,291	139	47 C
		NC0P (+WA0FLS,W00GVY, W00V,W00G)	N6RFM 26,562 126 57 B	K3TLX	20,256	138	48 C
		578,600 689 110 D	WW1A 3,885 63 21 B				

Western Pennsylvania

W3YEY 42,987 185 69 B
WW3S 37,760 204 59 B
WB0WVG 24 6 2 B
K3UA 624 18 13 C

W4

Alabama
AA4UF 44,523 437 51 B
KK4SM 118,300 406 91 C

Georgia

KI4XO 367,356 988 138 A
W4GLS 34,556 193 53 A
AC4PQ 12,992 120 32 A
KQ4HC 113,652 482 82 B
K4ZTL 10,290 80 35 B
KB4GD 309,042 849 118 C
KN4QV 129,930 508 95 C
K4BAI 115,206 515 78 C

Kentucky

KI4DC 26,691 276 41 B
KC4LX 19,223 151 47 B
KR4KL 9,860 106 29 B
N4XM 119,282 417 86 C

North Carolina

WB4IUY 58,133 401 61 A
KS4S 20,724 141 44 A
N4UH 375,100 1156 100 B
K4PQL 826,284 1443 148 C
WZ3Q 607,420 1306 121 C
WI1HN 59,459 287 53 C
KI4HN 4,784 102 23 C

Northern Florida

K4VUD 386,004 1198 114 B
KD4HXT 2,550 172 10 B
AC4CO 26,400 180 50 C

South Carolina

KC4UH 47,992 259 56 A
WD4FJP 90 6 6 A
W4JKC 150,118 515 94 C

Southern Florida

W4PZV (WA4SVO,op) 471,660 1128 140 B
WD4AHZ 274,614 778 111 C

Tennessee

WA6KU/4 209,825 699 109 A
KS2X 56,580 381 60 A
KI4KR 1,584 39 18 B
W12M (K0EJ,op) 518,520 1177 120 C
KQ4EW 36,465 213 51 C
AC4EM 34,656 190 57 C
AA4WX 11,256 108 28 C

Virginia

AD4FX 46,155 199 51 A
WA4PGM 650,236 1073 149 B
N4MM 106,848 307 96 B
KR4CZ 12,051 95 39 B
W4XD 77,004 408 62 C
N4MO 36,309 239 57 C
N4JEO 20,680 145 40 C
KA4RRU (+KE4DFI,KJ4VG,KO4FM,WB4NFS) 278,584 362 97 D

W5

Louisiana
NS02B 31,857 235 41 B
AB5PO 3,150 47 18 B

Mississippi

N5KKG 45,695 293 65 B
KB5XI 10,788 162 29 C

W8

Michigan
WB8BUQ 50,778 87 62 A
KB8LUV 22,134 247 34 B
K8CV (+NET) 1,053 23 13 D

Ohio

KI8E 41,076 151 63 A
NBW1X/B 235,331 689 109 B
KI8O 198 18 6 B
N8LXS 321,639 1021 87 C
K8SJ 120,868 518 82 C
KF8TM 70,602 250 82 C
WT8P 52,910 308 55 C
NB8JU (+NET) 248,528 587 112 D
N8JEC (+WA8OBE,WB8LGN) 49,113 271 51 D
NZ8Y (+N8RPA) 7,981 91 7 D

West Virginia

N8II 597,820 1134 142 A
K3JT 86,359 356 73 C
K8BGW 14,120 135 16 C
KF8UM (+NBVCV) 184,679 483 112 D

W9

Illinois
WX9U 372,720 1052 120 A
K9MMS 258,108 622 137 A
NE9P/9 3,476 48 22 A
WA9WDT 168 28 6 A
KD9ST 278,168 704 116 B
W9LYA 28,500 189 60 B
NA1R 223,734 655 98 C

Indiana

W9JOO 52,838 911 58 A
N9DHN 9,100 122 35 A
N9WHG 3,510 61 26 A

AA9AQ 217,316 559 121 B
KB9C 56,959 195 79 B
W9HLY 11,220 129 20 B
KO9Y 152,750 465 27 C

Wisconsin

KA9FOX 45,182 401 38 A
NZ9Z 150,677 537 89 B
N06SH 206,968 650 94 C
W9HE 47,790 262 59 C

Zone 9

Maritime-Newfoundland
VE1UK 253,184 744 92 B
VE9HF 65,472 584 31 B
VE9ST 328,968 1117 72 C
VO9SF 298,900 716 98 C
XL9/WD8AUB 2,418 62 13 C

Quebec

VE2GHI 18,018 154 33 C

Zone 10

Mexico
XE3LMV 38,192 240 44 B
XE1/AA6RX 42,381 253 51 C

Zone 11

Barbados
8P9GY 160,758 537 78 B

Costa Rica

TI4/AA7JM 41,325 197 57 C

Antigua & Barbuda

V29PE 3,366 49 18 C

Turks & Caicos Islands

VP5NC (AA4NC,op) 1,490,886 2443 159 A

Dominican Republic

HI8OMA 16,539 150 44 B
HI8LC 9,850 100 25 C

Zone 12

Bolivia
CP1OZ (JE6CXU,op) 32,856 194 32 A

Ecuador

HC4L 104,951 203 50 B

Colombia

HK3JUH 304,902 809 78 B

Peru

OA4EI 265,544 545 105 B
OA4CWR 102,084 440 47 C

Venezuela

YV2FEQ 31,687 150 44 B
YV1DRK 138,148 383 75 C

Zone 13

Argentina
LU8ADX 68,376 206 77 B

Fernando de Noronha

PY0FF 1,153,740 1693 140 B

Zone 14

Argentina
LR0N (LU2NI,op) 249,501 499 109 B
LU6AM 32,670 128 55 B
L3CW (LU6BEG,op) 370,384 709 112 C
LU4FD 58,233 259 47 C
LU1EWL 32,010 123 66 C
LU1BW 9,044 77 28 C
LU1OW 9,044 77 28 C
LU1VV (+LU1VK,LU2s VD,YE,LU4s VY,VZ) 758,708 1180 124 D

Paraguay

ZP5XYE 15,222 354 43 B

Zone 15

Brazil
PW2N (PY2NY,op) 59,904 214 64 A
PY2APO 56,214 220 54 B
PY1AJK 12,342 113 22 C
PY2NZR 8,040 79 33 C

Zone 18

Norway
LA4BN 30,240 170 54 B
LA2AD 21,996 160 47 B
LA2GCA 14,574 111 42 B
LA5MT 134,302 377 106 C
LA3UG 20,295 495 41 C
LA8CE 9,768 118 33 C
LA1CCA 8,910 80 27 C
LA62FA (+LA2HJA,LA5FBA,LA7EIA) 138,040 1624 85 D

Finland

OH6NIO 1,181,582 2075 142 A
OH6LNI 1,036,935 2045 113 B
OH3OJ 703,685 1355 145 B
OH6SU 44,293 165 81 C
OH2PM (OH1WZ,op) 870,717 1367 187 C
OH8LAE 480,928 940 152 C
OH2YL 44,890 170 67 C
OH6UP 17,802 119 46 C
OH6DH 12,160 86 40 C

OH1MMM (OH1VR,OH6LI,AC6T,ops) 893,900 1643 140 D
OH3NE (OH1KAG,OH3S LQK,MMH,ops) 356,829 949 121 D

Denmark

OZ1APA 269,040 101 68 A
OZ5MJ 136,800 444 100 A
OZ9SIG 22,776 150 52 A
OZ5EV 171,457 405 121 B
OZ/WB2P5D 72,852 292 78 B
OZ8T 24,640 136 55 B
OZ8SW 26,708 202 17 C
OZ5UR 463 20 17 C
OZ5DX 280 16 7 C

Sweden

SM3JLA 103,774 614 53 A
SM0BDS 57,000 238 75 A
SM3LIV 50,468 266 74 B
SM7RFZ 39,008 200 53 B
SM7HSP 18,538 127 46 B
SM5OK 14,160 102 40 B
SM6AHU 3,020 53 20 B
SL0CB (SM0XT,op) 685,064 1237 152 C
SM5IMO 204,906 663 74 C
SM/DL3JAN 197,976 536 173 C
SM3CCM 171,957 505 93 C
SM5RE 36,024 192 57 C
SM6DPF 10,602 103 38 C
SM6REA (+SM6s LPF,LPQ,TOL) 184,639 565 91 D

Zone 19

European Russia
RV1CC 13,590 398 110 A
RW1ZO 3,666 51 26 A
RW1AN 590,520 1084 152 C
UA1ZO 134,442 523 44 C
RW1A (UA1-169-900,UA1-169-2391,ops) 129,600 581 60 D

Zone 20

Asiatic Russia
RX9JA 10,074 124 40 B
UA9XS 171,500 408 98 C
UA9XC 148,897 409 89 C
RK9JWJ (UA9s JAF,JKT,W0,ops) 34,866 421 67 D

Zone 21

Asiatic Russia
RA0BR 26,586 155 42 B
RK9KJW (+ops) 56,644 265 49 D

Zone 26

Asiatic Russia
UA0KA 8,380 106 20 A
RA1WO/0 1,136 50 8 A
UA0ZY 33,408 218 36 C

Zone 27

Ireland
EJ/K0XB 3,213 62 17 B
EJ4DW 61,427 257 61 C

France

F5NWX 155,775 505 93 A
F5FRY 48,484 252 62 A
TM2P (F5TCN,op) 168,504 544 84 B
F2AR 68,540 255 92 B
F2RO 62,622 252 71 B
F5PCX 60,918 266 78 B
F5JBF 22,200 143 50 B
F6CEL 266,364 801 84 C
TM9C (F5IN,op) 230,325 931 83 C
F6IIE 206,664 606 109 C
F6OIE 96,135 367 85 C
F5TNI 55,450 295 50 C
F5NQL 45,528 255 56 C
F5LET 33,726 249 42 C
F5RAB 4,560 64 24 C
TM2T (F5s ROP,SIH,ops) 1,144,485 1989 145 D
TM5M (F5s MYH,MXH,RWA,FA1MXI,ops) 443,492 1258 94 D
F6GIN (+F5MYK,F6DBA) 336,544 803 104 D
F6KAW (F5PNP,F6s DZS,GDK,ops) 244,321 903 77 D
F5KDZ (F5s PXQ,PYQ,ops) 130,790 393 110 D

England

G4JVG 1,025,208 1498 174 B
G8OHW 63,329 269 83 B
G0NIF 781 35 11 B
G0LII 543,972 1005 156 C
G3SWH 258,064 600 127 C
G3TRF 117,728 366 167 C
G3DFV 102,256 394 77 C
G0DEZ 82,288 348 74 C

Northern Ireland

G10NWG 647,520 1598 114 A

Scotland

GM0ECC 763,715 1371 145 B
GM3CF5 45,280 322 40 C

Wales

GW3CSA (G1AOF,G4WSE,G0s IEQ,KXL,LHW,ops) 416,990 1113 98 D

Belgium

ON5GQ 289,432 656 121 B
ON4AUC 104,384 339 112 B

ON6CR 71,131 277 83 B
ON5CZ 15,698 118 47 B
ON4KFM 55,948 238 71 C
ON6TJ 32,054 184 57 C
ON4NL 30,748 189 52 C
ON4BR 15,715 134 35 C
ON6AH (+ON5PV,ON6s MH,LU) 819,020 1619 124 D
OT4V (ON1IH,ON2AHJ,ON4s ALL,AMM,AWK,AYM,ON6KM,ops) 608,256 1228 132 D

Netherlands

PA0MIR 70,348 283 86 A
PA0JIM 392,175 1022 105 B
PA0KHS 60,183 237 81 B
PA3GAB 44,957 219 67 B
PA2ALF 25,694 151 58 B
PA3EWP 20,736 150 32 B
PA3DWJ 14,145 205 69 B
PA0YN 3,564 162 22 B
PA3BNT 15,476 101 53 C
PA3BEJ 4,082 55 26 C
PA3FNE (+PA3EYZ) 665,912 1215 152 D
PI4COM (PA3s ERC,GBQ,ops) 558,464 1247 128 D

Zone 28

Croatia
9A2TX 24,017 163 47 B
9A2AJ 437,294 1014 139 C
9A1BHI 146,028 527 86 C
9A/OK22QX 80,558 339 94 C
9A9D (9A4s DD,KK,LU,9A7CG,ops) 303,892 1010 109 D
9A6P (9A3s ZG,ZO,ops) 59,348 303 74 D
9A1HBC (+op) 39,072 232 37 D

Fed. Rep. of Germany

DL5IAR 1,362,200 1843 196 A
DL3KDV 849,090 1443 163 A
DK7GH 309,880 682 127 A
DL7VOG 220,662 622 123 A
DL1BKL 101,104 548 89 A
DL2AYI 67,040 323 80 A
DL4KMK 60,095 267 85 A
DL2HRA 52,972 234 82 A
DL1ARJ 52,850 223 70 A
DK7LA 45,084 578 78 A
DL8HD 43,992 330 52 A
DL2ARD 30,078 325 54 A
DL2DUL 25,584 162 52 A
DL5JRA 16,371 120 51 A
DL3BRA 392 26 14 A
DL2DRM 187 15 11 A
DL8PC 722,146 1108 178 B
DL8OBQ 115,692 412 93 B
DL8SDC 47,530 237 70 B
DL8FGE 33,604 206 62 B
DL6ZFG 28,477 287 87 B
DL7ZR 18,850 111 58 B
DL1NOF 15,678 156 39 B
DL8KWR/P 14,632 100 62 B
DE2DDR 11,868 56 43 B
DL3HWW 8,775 93 39 B
DK5KJ 7,896 87 42 B
DL9ZWG 2,436 41 28 B
DL1HSP 2,278 35 34 B
DL8SDI 1,440 48 7 B
DL1IAO 742,462 1232 181 C
DL6KVA 373,032 816 157 C
DK3KD 204,915 593 95 C
DK3DM 201,708 594 117 C
DL0DA 176,700 519 100 C
DL4HRM 162,922 539 106 C
DL7VZ 123,375 395 105 C
DL9JDT 111,469 390 83 C
DL9BR 108,800 374 100 C
DL7URH 99,990 312 99 C
DI2DWA 97,438 252 103 C
DL2SUG 91,273 314 91 C
DL2GBB 86,480 332 92 C
DL7BQ 78,694 311 98 C
DL0WMD 77,088 330 96 C
DF3HU 76,078 339 76 C
DL8WN 56,059 303 61 C
DK0HSC (DL1ZQ,op) 55,080 262 72 C
DL5KUD 50,310 231 78 C
DL1TH 49,720 221 88 C
DL6CTG 49,680 278 72 C
DF1HF 48,212 213 68 C
DL5SVB 47,570 288 71 C
DL7ANQ 42,849 235 74 C
DI1OO 41,538 240 69 C
DL7VZF 38,880 162 81 C
DL1GHX 33,900 191 60 C
DL/F5JDG 26,394 174 53 C
DL4FDM 23,460 123 60 C
DL8ZWG 20,352 143 58 C
DJ0SH 11,050 139 26 C
DJ2YE 7,980 110 30 C
DL1AKL 3,792 65 16 C
DI1QQ (+AA0NV,T94DX) 481,005 1114 133 D

DK0QG (DL2RMC,DL3MBG,DF7RG,ops) 453,184 1104 146 D
DL0GVM (DL1SWG,DL3SWH,DL4s SVA,SUA,DK7XS,ops) 442,120 998 140 D
DL0DR (DF1IAO,DG1IU,DL5s IA,IAM,DB6IR,DK7IH,ops) 355,355 898 91 D
DL4SDW (+DL5SJE) 225,582 608 127 D
DL0MBG (DL8s AKA,ALU,AY1,ops) 168,588 622 108 D
DL55YM/P (+DL2LSO) 153,282 496 118 D
DL0HRO (+NET) 145,199 523 107 D

DL0DRI (DL1MGB,DLH6MBV,ops) 106,470 364 105 D
DL0JX (+D9JCN) 106,288 407 112 D
DF0FHW/P (DH1PAZ,DC5WK,DL8WM,DD9WL) 97,119 363 99 D
DK0MM (DK3YD,DL5MFH,DJ0MDR,ops) 48,508 242 67 D

Hungary

HA0MM 1,875,258 2147 242 A
HG1PS (HA1RJ,op) 86,856 554 47 A
HA6IAM 74,559 363 87 A
HA1AG 6,574 148 19 A
HA4YV 71,969 89 28 B
HA8VK 615,732 1247 156 C
HA1ZZ 467,604 1238 124 C
HA4FV 11,022 247 72 C
HA8ZO 5,985 56 35 C
HG73DX (HA1s AH,DAC,DAE,TJ,TW,HG1DAI,ops) 3,237,894 3713 253 D
HG5M (HA1s WF,ZU,HA5s AWP,BBC,BVD,EH,MY,WA,CF,ops) 1,424,476 2374 188 D
HG5C (HA1AD,HA5s LV,MA,MO,OG,HA7XQ,ops) 1,323,475 2535 167 D

Switzerland

HB9AA 232,650 513 110 B
HB8ARF 155,520 582 108 C
HB9DX 116,600 422 95 C
HB9DEU 34,642 142 382 C

Liechtenstein

HB0/DL20B0/P 49,260 273 61 B
HB0/DL1SBF/P 29,736 195 56 C
HB0/P4TUJ (PA3s EZL,GBU,CBV,GF,PE1s MNL,NL7EY,NVK,ops) 55,986 391 42 D

Italy

IK1HSS 262,086 709 114 A
JK2UCK 132,392 570 76 A
IK2VJF 115,830 447 78 A
IK0HP 69,471 283 93 A
IN3ZNR 530,816 717 28 B
IK2XYI 51,952 294 68 B
IK2RPE 50,320 212 74 B
IK8IFW 10,350 101 45 B
I4CSP 7,474 82 37 B
IK7RVY 5,292 132 21 B
IT9NVA 1,476 91 12 B
IK4RSK 602 17 14 B
IK0BHN 247,934 775 106 C
I0ZTU 223,560 630 115 C
IK5TSS 218,560 484 160 C
IT9DEC 39,8

OK1KQJ (+OK1AYP) 70,376 296 76 D
OL5PLZ (OK1DDR,OK1-19973,ops) 67,405 269 85 D

Slovak Republic
OM3YK 16,685 123 47 B
OM3FON 126,060 275 110 C
OM3CCC 112,623 415 93 C
OM3CAB 45,198 292 62 C
OM3TEG 20,790 117 66 C
OM2I (OM3s CQL,TA,TSQ,TXM, WFP,WST,ops) 411,930 1209 115 D

OM3RDP (OM3CDZ,OM3s -28173, -28756,ops) 144,352 531 42 D
OM9CA (+ops) 30,444 210 59 D

Slovenia
S50C (S57MM,op) 362,103 1009 129 A

S53CAB 314,793 823 313 A
S59AA 1,041,390 1679 171 C
S53DCM 790,071 1453 159 C
S53R 551,102 1011 152 C
S58A 415,728 850 144 C
S57J 277,794 717 122 C
S51WA 72,420 278 85 C
S51QZ 62,060 247 58 C
S51RW 15,179 119 43 C
S59DKR (S7s BZD,XX,ops) 278,997 951 113 D

Poland
SO8IF (DJ0IF,op) 533,216 1260 152 A

SP5UAF 143,260 515 116 A
SP5YQ 81,984 224 67 A
SP2WDW 80,520 328 88 A
SP5ELA 66,164 318 68 A
SP9RTI 64,600 326 76 A
SP1MHV 31,837 149 79 A
SP6TRH 17,157 117 17 A
SP7SEW 142,168 378 104 B
SP9BBH 118,320 444 102 B
SP4SKW 101,649 470 97 B
SP9UOG 85,424 354 68 B
SP6NVK 36,920 230 65 B
SP9LDI 26,980 167 71 B
SP9VEJ 23,184 206 42 B
SP2WEI 18,310 97 26 B
SP8ODN 17,150 130 50 B
SP6FBD/3 16,560 135 40 B
SP8EII 13,608 128 42 B
SP8OQB 13,095 133 45 B
SP9MQD 11,200 100 50 B
SP3RF 7,525 107 25 B
SP7GSM 2,562 110 23 B
SP8TD 2,484 34 23 B
SP9FTJ 2,120 32 20 B
SP7GIC 731,126 1252 167 C
SP2AYC 186,377 575 113 C
SP6YAO 156,240 471 112 C
SP5TT 127,380 386 110 C
SP3FAR 97,020 250 110 C
SP4GFG 65,600 316 82 C
SP1AEN 45,760 268 64 C
SP8BAB 33,072 194 39 C
SP6AUJ 25,440 147 60 C
SP1BLE 22,764 146 42 C
SP3AOT 15,600 107 48 C
SP9HNB 14,382 136 47 C
SP8CKX 7,982 99 26 C
SP6SYF 7,304 112 22 C
SP4EAK 5,175 66 23 C
SOSTW 4,446 108 26 C
SP9KRT 3,402 47 54 C
SN0PR (SP6s ALE,BGL,FER, HAO,ops) 112,203 380 117 D

Greece
SV2BFN 11,396 115 94 B

Bosnia-Herzegovina
T9A (T81ENS,T93M,T94s DD,NE, ON,T99W) 1,580,128 2790 176 D

Romania
YO5BQ 7,904 117 32 A
YO2CJX 3,683 86 29 A
YO9FNR 33,672 216 69 B
YO3AIL 21,168 162 54 B
YO8ROO 18,990 133 45 B
YO5BWI 12,876 132 37 B
YR8A (YO8AXP,op) 203,016 668 132 C
YO8FR 85,916 356 94 C
YO8BPY 75,650 372 89 C
YO4AAC 600 40 10 C
YO7KJX (YO7s BGA,LFU,ops) 240,282 729 126 D
YO8KAN (YO8s BFC,RGU,ops) 164,268 528 108 D

Yugoslavia
YZ70TY 105,210 431 90 A
YT1AD 1,149,660 1887 180 B
YZ7V 620,796 1282 132 C
YU1HA 262,990 722 130 C
YU7XM 140,192 507 101 C
YU7SF 129,222 443 107 C
4N1N (YU4NJ,op) 62,396 518 38 C

Albania
ZA1AJ (OK1PSZ,op) 678,155 1787 145 C

Zone 29
Azerbaijan
4K9W 36,208 146 73 C

Moldova
EV1F 273,812 877 98 C
ER10A 135,150 502 85 C
ER1CW 117,920 522 80 C
ER3DX 86,856 382 88 C

Belarus
EU1DQ 171,699 437 129 A
EW4MM 188,589 577 111 B
EU1MM 729,111 1470 141 C
EU6EU 103,586 363 98 C
EW8OS 40,959 1107 37 C

Lithuania
LY1DR 593,775 212 175 A
LY2OU 111,549 365 103 A
LY3BH 512,541 1131 123 B
LY2MW 302,211 831 123 C
LY2KM 157,815 518 105 C
LY1CF 136,420 513 79 C
LY1CN 84,320 370 85 C
LY3MR (LY1s FF,FR,LY3NFW,ops) 483,804 1156 151 D

European Russia
UA3RAR 1,242,428 1698 187 A
RU3RN 50,139 222 81 A
RW3WX 38,430 214 63 A
RU4AA 37,152 236 54 A
RZ3QQ 32,976 154 64 A
RW9AB/6 279,698 372 214 B
UA3RE 200,680 524 116 B
UA4NC 81,512 288 92 B
RV4LP 55,554 177 94 B
RA3THN 22,503 2577 369 B
RU3WT 18,500 149 60 B
RK4YYV 4,750 59 25 B
UA6LP 381,276 1001 119 C
RA4FW 300,580 725 133 C
UA4AGP 159,948 505 108 C
RV6LFE 125,538 475 98 C
UA4YJ 121,885 398 95 C
RA3PP 112,385 395 95 C
RW3GU 110,126 433 82 C
RX3RB 97,286 408 87 C
RW3RP 68,256 270 72 C
UA4ANZ 43,870 173 62 C
UA4HY 43,520 241 68 C
RW3WM 33,384 266 39 C
UA4SS 32,780 226 55 C
UA4YG 23,800 230 40 C
RA6HE 21,170 125 58 C
RA3VY 14,544 148 36 C
RA3RF 16 4 4 C

Uzbekistan
UK7R (UK8s ADT,AX,ops) 24,986 568 101 D
UK8BW (UK8s BAM,BQC,BDA, BN,ops) 21,750 207 25 D

Kazakhstan
UN9LGS 37,440 234 36 C
UN7ID 12,150 76 45 C

Zone 31
Asiatic Russia
RZ9OO 264,240 1047 60 A
RZ9U (RZ9UA,op) 741,704 1232 184 D
UA9UUN 6,776 60 28 B

Zone 32
Asiatic Russia
UA3D/Q (UA3DPX,op) 1,023,840 1411 160 A
UA0ST 11,618 98 37 B
RW0AB 341,328 742 104 C
RK0SX (UA8TAA,RU0SN,UA0s SMM,SUI,ops) 467,375 842 125 D

Zone 33
Asiatic Russia
UA0JB 133,282 328 103 C
RA0JX 91,934 1069 86 C

Zone 34
Asiatic Russia
RA0FU 41,401 521 127 A
RZ0LWA (RW0LWM,op) 71,640 332 60 B

Zone 35
Asiatic Russia
UA0ZAJ 35,240 225 40 C

Zone 36
Madeira Islands
CR3R (CT38X,op) 3,718,451 1909 389 B

Canary Islands
EA8BXQ 20,102 117 38 B

Zone 37
Portugal
CT1BWW 77,000 297 70 B
CT8T (CT1s BOH,DVV,ESV,ops) 1,073,754 1980 153 D

Spain
ED5URN 135,320 567 68 A
EA3GEP 72,800 966 32 A
EA1UX 201,239 916 61 B
EA5GRC 164,528 458 112 B

UT7ND 101,574 382 99 C
UT5UJY 97,179 322 123 C
UR3PDM 70,490 323 70 C
UUSJNW 55,084 360 47 C
UT5EK 49,164 242 68 C
US8UA 40,950 219 65 C
UT2QT 20,280 292 30 C
UY2ZZ 18,540 233 30 C
UX5VK 11,315 162 31 C
UT1ZZ 6,867 111 21 C
UR5FCM 3,114 91 18 C
UT1PO 1,584 58 12 C
US3IEZ 1,339 59 13 C
UT2XX 330 22 15 C
UUS5A (UU1JA,UU2s JQ,JX,JZ, UU3ID,UU3JW,UU5JR,UU7JF,UU0UX, UB5-067-2000,ops) 2,552,256 2923 252 D
UT7E (UT3s EC,EW,UR5s ECE,ECW, EDU,UT5EL,ops) 2,300,400 3252 200 D

Latvia
YL2GN 573,666 1296 138 A
YL2GU 672 28 12 B
YL2EC 78,204 259 84 C

Zone 30
European Russia
RU4HY 55,862 436 34 A
UA4HGG 158,270 580 85 C
RU4WE 86,940 327 84 C
RX4HX 29,322 162 56 C
RZ4WWB (UA4s WEI,WGY,WJF,ops) 966,897 1641 173 D
RK4WWA (RW4WA,UA4s WA, WAN,ops) 775,260 1358 180 D

Asiatic Russia
UW9QK 79,947 267 81 A
UA9SHM 11,959 355 40 A
RA9ST 33,349 285 89 B
RA9FDR 4,541 55 19 B
RV8CE 53,650 253 50 C
UA8SCX 19,055 131 37 C
RK9CYA (RA9CKQ,UA9CLZ,ops) 38,114 243 38 D

Hong Kong
VS6BG 104,832 356 84 C

Zone 45
Japan
JH7PKU 747,890 1303 130 A
JR4GPA 205,246 601 82 A
JA4CUU 80,524 254 82 A
JH4NMT 55,115 185 73 A
JK2VOC 35,834 348 46 A
JF0SGW 35,380 140 61 A
JH0HON 3,168 144 22 A
JQ1RDV 2,895 65 21 A
JA7GZ 2,071 25 19 A
JK7JCC 12 2 2 A
JA7BEW 126,918 411 66 B
JR4QZT 105,420 397 60 B
JH7LRS 81,984 300 61 B
JH1UUT 37,383 177 51 B
JA6CM 14,245 99 35 B
7K2DOD 12,640 89 32 B
7K2GND 10,208 94 29 B
JR7HAB 9,476 170 23 B
JA1IT 9,141 595 33 B
JR1MRG 4,482 166 27 B
JE1LGY 3,465 36 21 B
7K1EHK 3,384 46 18 B
JA1STY 1,710 27 18 B
JA2GHP 845 19 13 B
JL6JP 832 20 13 B
JA1JLD 416 12 8 B
JH1RMH 162 9 6 B
JH2WHS 156 39 4 B
JN1JUJ 75 5 5 B
JG1GCO 16 2 2 B
JH7XGN 426,474 1642 114 C
JA7DLE 224,884 718 76 C
JA9CWX 141,100 374 85 C
JA2IU 121,728 30 96 C
JF3JUC 106,020 306 93 C
JD1VNM 103,520 308 80 C
JA2KVB 96,147 286 81 C
JH3FC 84,312 281 72 C
JA3ARM 81,548 264 74 C
J51UMQ 51,129 195 69 C
JR7OMD/2 48,106 172 67 C
JA5APU 47,648 313 32 C
JA1QOW 46,252 164 62 C
JL4CMT 35,742 191 46 C
JA1WYQ 34,408 130 68 C
JH0GZ 31,820 136 57 C
JF3MLQ 25,905 121 55 C
JP1DMX/6 24,990 142 49 C
JH1EIG 24,864 94 84 C
JA1GTF 13,454 92 31 C
JA7MWC 12,716 86 34 C
JF1SQ 10,430 70 35 C
JA3EEC 9,218 69 34 C
JE1PMQ 9,016 78 28 C
6,758 56 31 C
JA1KI 6,664 54 34 C
JA8AJE 6,600 58 30 C
JG5OYU 5,404 47 28 C
7M2JTT 4,725 53 25 C
JH1PYX 4,500 56 18 C
JA1AB 2,816 34 22 C
JA1XEM 1,284 23 12 C
JH1NXU 611 13 13 C
JE1KDM 399 13 7 C
JA8ODU 252 10 9 C
JA1AAT 168 8 7 C
JF3XMI 32 4 2 C

EA3EJ 115,137 381 99 B
EA3BT 53,499 301 51 B
EA3GHQ 28,060 152 61 B
EA1EMZ 27,496 151 56 B
EA5AEJ 18,725 154 35 B
EA3CZM 17,200 100 43 B
EA1AKK 15,500 146 50 B
EA1AHA 8,216 109 26 B
EC3ACG 2,590 61 14 B
EA3ACA 610 29 10 B
EA7HAT 88,218 288 87 C
EA3AEQ 80,642 351 61 C
EA1FBJ 72,335 256 85 C
EA2CR 18,538 133 46 C

Balearic Islands
EA6JN 2,057 53 11 B

Zone 39
Israel
4X/OK1FMR 332,969 775 91 C
4X1VF 219,470 558 85 C

Cyprus
C48A (5B4ADA,op) 1,852,590 2158 185 C
C49C (5B4s KH,XF,WN,ops) 1,662,880 2316 58 D
P39P (+ops) 1,371,600 2124 135 D

Turkey
TA2ZO 23,850 200 25 C

Zone 44
China
BY5VZ 11,744 128 32 A

South Korea
HL0K (HL1s DXK,LME,LUL,ODG, HL2IDW,HL3EA,HL4GGI,ops) 67,260 330 59 D

Zone 46
Philippines
DU1SAN 66,745 391 35 B
DU1SSR 3,978 45 18 B
DU7AFT 1,248 22 12 B
SM0CNS/DU7 8,375 72 25 C

Zone 52
Angola
D2TT (ON6TT,op) 626,428 1401 92 B

Zone 53
Zimbabwe
Z21HS 4,695 63 15 C

Zone 54
Brunei
V85JU 20,975 175 25 B

Indonesia
YB2BKJ 3,484 126 26 A
YB2JOY 125 5 5 B
YB0ASI (AA4U,op) 226,442 484 101 C
YB6ZZ (YC6MH,ops) 52,728 272 39 C

Zone 55
Australia
VK4EMM 318,240 648 104 C
VK4EET 132,840 364 82 C
VK4TT 4,950 69 15 C

Zone 59
Australia
VK2VM 27,324 118 54 A
VK5GN 91,350 304 63 B
VK2APK 364,302 686 111 C
VK2AYD 152,978 345 98 C

Zone 60
New Zealand
ZL2AGY 89,271 297 63 C
ZL1AIZ 48,576 165 66 C
ZL3SL 115 5 5 C

Zone 61
Hawaii
KH6FKG 263,004 866 62 B
KH6GMP 36,387 193 39 B
AH6JF 25,200 146 36 C

Zone 75
Franz Josef Land
R1FJV 135 9 9 A
R1FJC 131,334 600 53 C
4K2MAL 224 8 7 C

Checklogs
C12/WDBAUB,DF5WN,DL1AVH, DL1JPF,DL3ARX,DL3HRA,DL3ZBJ, DL4HQF,DL4VAD,DL6MTA, DL6UCI,DL8UFO/P,EA1EXU, EA3GDY,EA3JK,EA4BJD,EA5BZS, EA7GBD,ED5URN,EV1HQ,F9LT, HC2GRC,IK35CB,IK4WMG, JR1KXU,K7EFB,K8BQO,LA2MV, LU2QKN,LV2BAG,LZ6A,OZ5PA, PA2GWA,SM0CSX,SP2JUK, SP3FZN,SP4CHY,SP4CMW, SP6CIC,SP6CZ,SP9CLO,SP9CQ, SP9HF,SP9LAS,SP9LDP, SP9MUC,SP9MUD,SP9QME, UA3WCV,UA4PY,VE1ACO, VE3KLM,VE6AO,VR2KF,W4RA, YO3AS,YO4DU,YO6OEK.