



↑ Larry, N7DF, tuning the band with a friend.



The mountaintop QTH of UA9ZZ. →

# Results of the 2001 CQ WW DX SSB Contest

BY BOB COX,\* K3EST

## Expanded CQ WW Contest Results on the Web

We've moved a few elements of our contest reporting onto the CQ website this year, including **Station Operators** of Multi-Op stations, **Team Contesting**, **Top Scores in Very Active Zones**, and **Zone Leaders/Single Op**. In addition, we have expanded **QRM** on the web.

To view these additional and expanded elements of this year's CQ WW results, go to <<http://www.cq-amateur-radio.com/cqwwhome.html>>, then click on "Expanded results, 2001 CQ WW SSB" and select the category you want to see. You may also get there by going to our home page at <<http://www.cq-amateur-radio.com>>, clicking on "Contest Rules & Info," then clicking on "CQ World Wide DX Contest" and selecting "Expanded results, 2001 CQ WW SSB."

**W**ith solar conditions in question, contestants of all ages from all over the world turned on their radios for the CQ WW DX SSB Contest 2001. What did they find? The best 24 hours most had ever experienced, followed by 24 hours of mediocre conditions. Conditions were something beyond expectations. In 2000, 15 meters was the main band; this year it was all the top bands. Ten meters was again wall-to-wall contestants from below 28.3 to above 29.3 MHz—a full megahertz of guys and gals having the time of their lives. With the solar flux hovering between 180 and 170, it looked as if records would fall across the board. Alas, though, the second half of the CQ WW was a real challenge.

After months of planning, building, and practicing, thousands of contestants took full advantage of the smiling ionosphere. The number of logs received was 3970, just a little down from

the previous year. Reported on these pages (plus added information on the CQ website) are the final results of the world's largest radio event. Read on to see how you and your friends ended up. Everyone who joined in the CQ WW last year was a winner just by participating.

## High Power

It was a long time coming. A North American station *really did* win the CQ WW, Single Operator, All Band World. Tom, W2SC, traveled down to 8P to activate 8P5A. After he finished, his score stood on top of the world! What a great job with over 8600 Q's and 14+ million points. It is not an easy task to win from a 2-point area. Tom showed that it can be done. Place a great operator in an ideal QTH with great conditions and anything is possible. Finishing in second place was Pekka, OH1RY, who talked EA8AH to a personal best. Third place in the world went to Hrane, YT1AD, operating at 3V8BB. All three operators exemplify the ideal contestant, displaying motivation, complete alertness, and detailed planning.



Jose, CU2CE, ended up in a lot of logs with this nice QTH.

Figuring to get into the fray, Martti, OH2BH, traveled down to CT7B. Choosing the tip of the Iberian peninsula from which to operate is not a bad idea. CT7B finished first in Europe and sixth in the world. The battle for second place was very close. At the other end of southern Europe was DL6FBL, who activated SV9CVY

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# BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

Number groups indicate: QSOs/Zones/Countries on each band

## WORLD TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
8P5A	62/8/16	452/15/62	729/23/88	1658/30/113	2435/37/119	3354/34/113
EA8AH	114/9/48	382/17/67	641/27/87	2153/33/104	1667/33/109	2619/33/116
3V8BB	139/8/46	396/15/66	412/24/84	1760/34/118	1039/36/125	2977/37/125
FG/T93M	42/7/9	305/14/46	617/24/79	1194/32/103	2213/36/116	3038/33/117
JY9NX	12/6/10	202/11/54	500/22/74	1244/31/95	1717/36/116	2616/33/126
CT7B	74/9/45	214/15/66	356/19/71	1672/32/105	1404/34/124	1917/37/124
9K9X	29/10/19	122/14/39	316/26/69	1452/37/120	1197/37/123	1817/34/113
SV9CVY	85/7/39	131/11/57	139/17/61	1946/33/112	1189/32/113	2341/33/113
FS/AH8DX	73/9/19	257/13/33	509/20/74	1041/32/104	1654/33/114	2001/29/102
M6T	128/7/46	463/14/66	642/23/77	942/33/87	1445/37/112	1600/37/121

## WORLD MULTI-OPERATOR SINGLE TRANSMITTER

D44TC	148/14/57	194/21/80	290/29/97	2380/38/145	2413/37/151	4213/39/164
P3A	106/11/49	225/15/70	368/25/90	2784/38/135	2373/37/143	3514/38/150
EA8ZS	45/8/37	217/19/81	853/33/114	2184/40/148	1834/37/164	2816/40/169
ZX0F	21/8/19	114/18/64	335/31/98	2197/35/133	2308/37/154	3522/37/151
FY5KE	49/11/23	142/11/43	317/24/91	1429/35/139	2254/35/158	4398/37/142
PJ2Z	65/9/18	396/22/63	923/28/107	1999/37/133	2018/35/136	2765/35/130

## WORLD MULTI-OPERATOR MULTI-TRANSMITTER

IG9A	776/12/68	1566/25/91	2375/33/123	4736/39/156	4595/37/161	4932/40/174
IH9P	705/13/76	1073/17/79	1857/29/108	4734/40/153	4285/39/166	5070/39/164
VP2E	398/16/52	1109/18/86	1912/32/124	5069/39/167	5625/40/167	5519/40/170
V26B	370/13/30	1053/21/81	1514/27/110	4244/39/155	3840/38/152	4292/39/156
KC1XX	132/11/27	560/25/98	667/33/124	2807/40/177	2767/40/176	2660/39/174
RW2F	931/14/62	1405/24/90	2162/37/129	3041/40/149	2355/39/157	2394/40/161

## USA TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
K1AR	9/5/7	70/14/47	186/20/90	786/35/124	1253/38/133	1716/40/138
KQ2M/1	14/4/8	74/13/43	172/21/84	1085/36/122	1437/37/134	1364/37/123
N2NT/1	23/7/17	91/15/55	232/22/83	896/38/119	766/36/121	1617/33/129
K4ZW	23/7/16	117/19/63	129/22/72	737/31/114	999/25/131	1426/38/127
W9RE	28/6/12	107/18/55	129/22/69	815/37/117	1288/37/127	1038/34/120
K4XS	12/3/9	108/18/59	262/23/92	601/36/110	933/34/123	1302/33/126
K5ZD/1	23/9/16	77/16/56	123/22/73	717/36/121	695/35/125	1273/32/117
K3ZO	13/5/10	112/16/52	157/22/58	489/31/101	1046/36/120	1325/34/113
N2IC/0	18/10/13	60/21/40	177/23/65	486/35/105	884/36/126	1257/37/127
WB9Z	13/5/10	112/16/52	157/22/58	489/31/101	1046/36/120	1325/34/113

## USA MULTI-OPERATOR SINGLE TRANSMITTER

K4JA	29/10/25	142/24/80	295/28/106	963/39/151	1272/37/158	1578/38/160
N3RS	21/6/18	83/21/70	118/25/91	1137/40/159	1055/38/159	1579/39/167
K1KI	19/6/16	109/22/71	157/27/93	920/39/144	1064/38/154	1873/39/168
KR1G	10/4/8	95/20/67	132/28/97	1032/38/149	909/37/148	1648/40/163
N2NU	15/6/13	125/19/72	116/25/91	893/38/142	1022/36/144	1676/39/152
K8AZ	19/8/17	58/21/56	126/28/102	903/40/153	1003/38/148	1448/40/162

## USA MULTI-OPERATOR MULTI-TRANSMITTER

KC1XX	132/11/27	560/25/98	667/33/124	2807/40/177	2767/40/176	2660/39/174
W3LPL	318/16/35	393/25/90	525/28/118	1954/40/170	2436/39/168	2571/40/175
K9NS	234/13/27	193/21/59	456/32/115	1875/40/164	2339/39/162	2789/40/172
N2RM	29/8/19	492/25/89	323/25/99	1609/38/155	1826/38/157	2180/39/166
N4TO	29/7/11	188/21/69	381/28/108	1476/39/152	1363/37/152	2280/40/160
W4MYA	108/9/23	208/23/76	449/30/112	1004/39/151	1640/39/158	1880/40/162

to the second place finish, just edging out G4PIQ from M6T.

In the U.S., John, K1AR, once again demonstrated why he is a great operator. John put the K1EA station through its paces to win the top U.S. spot. In second place was Bob, KQ2M. Conditions were so good from New England that everyone felt as if they were in Europe. Andy, N2NT/1, took third-place honors.

### Low Power

John, W2GD, decided that this was the year for a low-power entry. Jumping on a plane in New Jersey and four hours later sitting in front of the rig at P40W can make contesting very enjoyable. John pushed P40W to a new world low-power record. Second and third place were claimed by ZX2B (PY2MNL) and CE4U (CE4USW), respectively. OH1EH pushed OH0Z to a first-place win in Europe over ER6A (ER1LW) and S53EA.

Here in the U.S. it was a first-place win by N1SV, who edged out KS1J. The battle for third and fourth place was very close, with WD5K beating out W5KFT(N5AW).

Special mention must be made of the efforts of N6NF, who led the U.S. West Coast scores.

### QRP

First you go insane. Then you make the decision to try something a little different for a change. Then you try something really difficult. Then you discover QRP in the CQ WW. What a great way to learn very important contesting skills. Jacobo, P40B (P43P) repeated his top-score role of a few years back and put his location and skill to full use to win the world QRP. The next QRP champions were from many diverse places. LY5A with LY2PAJ operating took top European honors, followed by F5BEG and LY1DT. The #1 U.S. QRP score was attained by WE1USA (WA1LNP), followed by K7HBN and K8ZT. Both of the latter contesters really put their skills to the test from less than ideal QTHs. Special mention must be made of the QRP Asian score of JR4DAH. He is a long way from any population center.

### Assisted

The year 2001 was a banner year for the Assisted category. This category offers a way for DXers and contesters to contribute to their club's

score. The secret to doing well in the Assisted category is to remember that QSOs are the name of the game. Try not to chase the band map too much, and you may end up with a better score than by QSYing each time a juicy multiplier flies by on the screen.

The world top honor went to Jeff, N5TJ, operating at VE3EJ's QTH. Jeff finished ahead of Robert, W5AJ, down at P40P. Jeff's score is quite a feat from Canada. Third world high and first in the U.S. was Rick, K1IG. Second place in the U.S. went to Charlie, K3WW. In Europe OQ1T operated by RA3AUU took top honors; second place went to Tine, S50A.

### Multi-Single

A lot of hard work paid off big time, as D44TC won the Multi-Single category for the world. A crew of Italians and locals talked their way to 22.9 million points, a new world Multi-Single record! Congratulations to the fine crew. The battle for second place was tough. After the dust settled, P3A finished just ahead of EA8ZS. The fight for fourth through sixth place was equally close, with ZX0F, FY5KE, and PJ2Z ending in that order. In Europe TM5C came very close to the European record by taking the top spot. They were followed by OM8A and 9A7A. K4JA, located in northeast Virginia, was the top U.S. score. They were followed by N3RS and K1KI.

The Multi-Single category is great fun. If you get a chance to join a team, you will find it a real learning experience.

### Multi-Multi

The crew at IG9A finally put it all together for an impressive win and broke the coveted 50 million barrier. They arrived to set up their field-day-style operation on the cliffs of Lampedusa island. The crew was truly international, with operators from six countries. Just across the water was second-place finisher, IH9P. What a great job they did. Third place and #1 in North America went to VP2E; they demolished the long-standing VP2KC record. Congratulations! The #1 score in Asia was JA3YBK, followed by their friendly rival JA5BJC. Both stations were manned by excellent operators. A special mention must be made of A50A, the first Multi-Multi from Bhutan! It was only a little while ago when working A5 at all was a challenge. Continental leaders were IG9A (AF), JA3YBK (AS), RW2F (EU), VP2E (NA), T88C (OC), and YV4A (SA). In the U.S. another remarkable win was posted by KC1XX, who beat out W3LPL for top U.S. honors, with K9NS a close third (great job!). The gang from

### EUROPE TOP SINGLE OPERATOR ALL BAND

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SV9CVY	85/7/39	131/11/57	139/17/61	1946/33/112	1189/32/113	2341/33/113
M6T	128/7/46	463/14/66	642/23/77	942/33/87	1445/37/112	1600/37/121
GW4BLE	46/7/36	257/11/61	451/21/82	1015/30/93	1227/34/112	1486/35/114
S50S	69/6/40	107/10/57	275/22/77	1223/36/121	1438/38/113	1190/35/126
YT7R	95/10/54	343/13/58	370/31/100	897/35/127	926/35/114	1134/37/121
TM2Y	42/6/32	247/13/58	167/17/75	749/32/97	837/32/113	1372/35/120
LY7Z	249/10/47	382/15/61	281/23/82	858/36/119	1030/33/121	898/34/122
ER0ND	124/9/44	247/14/51	500/26/79	632/32/107	1101/32/101	1359/35/112
SQ6Z	68/5/31	295/9/50	288/25/80	740/35/106	1063/34/108	1238/34/108

### EUROPE MULTI-OPERATOR SINGLE TRANSMITTER

TM5C	55/9/55	297/18/83	630/28/106	2191/40/152	1892/37/150	2644/39/159
OM8A	96/7/45	344/13/63	585/26/94	1427/37/137	1744/38/147	2218/39/155
9A7A	212/7/50	384/16/74	893/29/96	1850/38/142	2157/37/146	976/39/149
IR4T	108/11/57	232/13/68	681/27/99	1745/38/135	1736/36/145	1567/38/152
OK5W	71/8/53	361/17/77	1063/30/113	1069/40/150	1763/39/151	898/39/152
EI7M	123/9/46	370/15/72	507/22/85	1329/34/120	1972/37/144	2285/36/138

### EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

RW2F	931/14/62	1405/24/90	2162/37/129	3041/40/149	2355/39/157	2394/40/161
RU1A	547/11/60	1105/27/91	1561/34/117	3228/40/158	2702/39/157	2380/40/168
OH2U	587/10/60	837/19/78	1338/35/119	2760/40/160	2980/40/164	2200/40/168
DF0HQ	730/10/60	1342/24/94	1937/36/117	2406/40/159	2136/40/157	2586/40/172
OT1A	658/11/63	1264/16/81	1949/35/118	3048/40/157	2556/39/155	1991/40/154
H66N	466/11/58	935/15/73	855/24/93	2937/37/147	2593/38/148	2238/40/151

RW2F finished on top in Europe, followed closely by RU1A. This was quite an achievement for the RW2F crew.

There was very strong representation from all over the world in the Multi-Multi class this year. It is now obvious that during a sunspot maximum the place to be is Africa. Congratulations to all the teams who did so much work to build and man the multi-multi stations. The multi-multis are the beacons that show us what can be the true potential of hardware and signals on all the bands.

### Special Mention

Every year the CQ WW attracts contesters who travel to distant QTHs. A special thanks to the following 2001 DXpeditions: 8P5A, V31BD, V31MX, VP9/W6PH, J79RL, FG/T93M, 6Y4Y, V47KP, FS/AH8DX, PJ7/K7ZUM, FP/AC8W, FP/K8DD, VP5B, WP2Z, EA8AH, 9G5KW,



KD3TB and KD3RF, ops of 9M6TBT, relaxing after the contest. (Photo via KD3TB)

CT9L, 5U7JK, 3V8BB, 4Z8GZ, JY9NX, UN1LT, 9K9Z, 8Q7LM, 9V1XE, 9M2TO, OH0MM, OH6LI, OH1EH, SV9CVY, J43J, MJ0C, ER0ND, CT7B, V8A, 9M8R, 3D2MH, 4W6MM, YB0AVK, P29JA, ZK1NCP, P40A, P40W, P40P, ZW5B, ZV5R, HC8A, HC8Z, 9Y4TBG, T15X, VY2ZMM, OH0A, J75J, HR3J, J6R, VP5DX, KP2/AA4V, D44TC, E30NA, P3A, 4U1TU, LX5A, T70A, 9M6TBT, AH2R, 5W0MO, ZX0F, FY5KE, PJ2Z, VP2E, V26B, 8P4B, VB2V, J3A, IG9A, IH9P, A50A, XP1AB, HB0/HB9AON, GZ7V, T88C, and ZK1CG, to name only a few.

Every year there are many individual competitions within call areas or countries. Please check out the close battles between: N4TZ, N4YDU, N4IG & K4IE; N4MO & WO4O; WD5K & W5KFT; K6NA & W6UE; K8AL & K8DX; AC0W & W0AH; VE3OI & VE3AT; UA9CLB & UA9CDV; 4X2K & 4Z8GZ; JA2BNN & JA2FSM; UN7PCZ & UN7JX; OK1TN & OK2WMT; OK1DCF & OK1FX; OZ1HXQ & OZ9Y; RD4M, RQ4L & RK4FD; UA6LV & R73A; OG6AC & OH6OS; F5NZO & TM9W; I4IKW & IR3Z; LY1FW & LY2GF; LA8OM & LA1PHA; SP4TKR & SP6LUV; YO4CIS & YO3APJ; OM3IAG & OM4TX; S50C & S50K; S53M & S57DX; EA3QP & EA4WF; HB9FBS & HB9GT; LU2BA & LQ0F; LU4DX & LU3HIP; KD9ST & K9ZO; JE4VVM & JH7PKU; PQ2Q & PY2AA; ZX0F, FY5KE & PJ2Z; IG9A & IH9P; GM2T & GM0B; LT1F & LU4FM.

### Comments

The 2001 CQ WW SSB Contest was a super one. Beyond the great conditions, your help by submitting an electronic log made the contest the most thoroughly checked in history. We received over 3600 e-logs! That was about 88% of the total logs received. Your effort to submit an electronic log allows for a fairer adjudication process.

Submitting an electronic log is easy. If you submit an electronic log for the 2002 SSB contest, send the log and summary sheet to <ssb@cqww.com> by December 1, 2002. Please send your log in Cabrillo format. The Cabrillo format is now a standard submission with CT, TR, NA SuperDuper, and WriteLog. Remember to name your file with your call with .cbr extension—i.e., PJ4B.cbr. Please make every effort to help us out. We thank you in advance.

Rules for the 2002 CQ WW will be in the September issue of CQ and on the CQ website, <www.cq-amateur-radio.com>. You can also see information concerning the CQ WW on the web at <http://www.cqww.com>. If you have any questions about the CQ WW, send them to <questions@cqww.com>.

### Thanks

Thanks to the CQ WW log checkers who validated the winners and provided insight into many contesting topics. The 2001 crew included K1DG, K3WW, K3ZO, KR2Q, N2AA, N2NC, N3ED, N6ZZ, N9RV, W3ZZ, K1AR, KM3T, KT3Y, N5TJ, N5NJ, and N8BJQ. Our DX advisors were very helpful in offering advice, providing information, and sorting out poten-



9M6TBT operated by Irwin, KD3TB, and Andy, KD3RF, put East Malaysia on the map in CQ WW SSB. Here KD3TB, KD3RF, and Don, 9M6SU, are testing out a new antenna before the start of the contest. (Photo via KD3TB)

## TOP SCORES

<p><b>WORLD High Power All Band</b></p> <p>8P5A .....14,531,272 EA8AH .....13,785,672 3V8BB .....12,982,874 FG/T93M .....11,059,666 JY9NX .....10,785,336 CT7B .....9,097,479 9K9X .....8,449,021 SV9CVY .....7,682,324 FS/AH8DX .....7,630,020 M6T .....7,506,840</p> <p><b>28 MHz</b></p> <p>HC8A .....3,916,600 XS5J .....2,921,820 LU6ETB .....2,180,304 H2G .....2,160,972 KH6ND .....1,841,610 V8A .....1,822,680</p> <p><b>21 MHz</b></p> <p>HC8Z .....2,657,718 VP5B .....2,282,470 L21I .....1,994,517 GI0KOW .....1,698,840 CT3BX .....1,437,247 KH7U .....1,376,320</p> <p><b>14 MHz</b></p> <p>P40A .....2,225,395 OK1RI .....1,282,944 S53M .....1,099,605 ZV5R .....1,043,700 YU1JW .....1,024,250 S57AL .....1,007,620</p> <p><b>7 MHz</b></p> <p>9Y4TBG .....813,654 SP2FAX .....596,388 KH6TO .....435,342 EA9LZ .....421,266 YT1AD .....400,624 T99W .....364,596</p> <p><b>3.7 MHz</b></p> <p>W6RJ .....122,843 9A30Y .....120,594 Z33A .....114,660 S59CAB .....111,748 PA4WM .....107,550 YU7JX .....98,640</p> <p><b>1.8 MHz</b></p> <p>LZ8T .....59,778 OZ3SK .....55,368 IV3OWC .....46,209 HG3M .....43,761 EU6EU .....41,910 PA3GCV .....36,890</p> <p><b>Low Power All Band</b></p> <p>P40W .....7,543,768 ZX2B .....4,099,295 CE4U .....4,049,472 OH0Z .....3,371,225 ER6A .....3,214,395 VP9/W6PH .....3,134,610 CN8NK .....2,981,316 S53EA .....2,962,734 G4BUO .....2,918,466 EA7GTF .....2,902,878</p> <p><b>28 MHz</b></p> <p>HC1JQ .....1,087,380 LU4DX .....938,196</p>	<p>GI4SNA .....887,124 LU3HIP .....875,104 YU1AU .....854,080 VR2BG .....799,496</p> <p><b>21 MHz</b></p> <p>TA3D .....1,231,979 SM4DHF .....1,100,480 S57O .....734,580 VK5AM .....613,168 AY8A .....606,564 S57IO .....594,847</p> <p><b>14 MHz</b></p> <p>OK1RI .....1,282,944 IR5T .....1,228,835 YB0AZ .....743,850 XE1L .....664,362 S58AL .....643,826 S51CK .....519,696</p> <p><b>7 MHz</b></p> <p>VK4EMM .....97,826 K2UF .....44,370 AD3Y/2 .....42,462 UA1ANA .....41,410 VA3TTT .....31,372 SP9ABU .....28,812</p> <p><b>3.7 MHz</b></p> <p>9A3PA .....69,144 S53F .....55,870 LZ1DM .....46,277 OK1FPS .....41,071 9A5AZZ .....36,564 IC8SDL .....34,776</p> <p><b>1.8 MHz</b></p> <p>HA8BE .....40,600 YT0T .....31,785 TA3J .....30,846 S57NMQ .....22,780 UR6QA .....17,328 OK2SNX .....14,448</p> <p><b>QRP, All Band</b></p> <p>P40B .....2,326,288 LY5A .....1,953,068 VE3KZ .....1,420,482 T15X .....1,400,424 F5BEG .....1,195,000 LY1DT .....973,080 WE1USA .....764,160 S54AA .....682,550 JR4DAH .....647,496 SP8NR .....637,857</p> <p><b>Assisted, All Band</b></p> <p>VE3EJ .....11,080,260 P40P .....10,224,346 K1IG .....8,053,315 K3WW .....6,836,410 Q30T .....6,796,680 S50A .....5,860,490 DL9VW .....5,813,280 N3RR .....5,059,152 YL8M .....4,957,728 TM2V .....4,754,568</p> <p><b>Multi-Op, Single Trans</b></p> <p>D44TC .....22,978,944 P3A .....19,957,716 EA8ZS .....19,877,260 ZX0F .....17,996,910 FY5KE .....17,980,494 PJ2Z .....17,008,011</p> <p><b>Multi-Op, Multi-Trans</b></p> <p>IG9A .....50,060,759</p>	<p>IH9P .....46,562,581 VP2E .....44,332,785 V26B .....30,364,887 KC1XX .....23,653,668 RW2F .....21,717,810</p> <p><b>EUROPE High Power All Band</b></p> <p>CT7B .....9,097,479 SV9CVY .....7,682,324 M6T .....7,506,840 GW4BLE .....6,713,616 S50S .....6,327,852 YT7R .....5,519,115 TM2Y .....5,231,520 LY7Z .....5,055,273 ER0ND .....4,971,006 SQ6Z .....4,965,625</p> <p><b>28 MHz</b></p> <p>9A5K .....1,520,184 S50C .....1,341,380 CT8T .....1,324,800 OM5DX .....1,219,146 G3TXF .....1,179,900 OE6Z .....1,169,125</p> <p><b>21 MHz</b></p> <p>GI0KOW .....1,698,840 YT0A .....1,191,936 OH0V .....1,098,720 MJ0C .....1,078,350 IU2P .....1,036,316 YP3A .....987,752</p> <p><b>14 MHz</b></p> <p>OK1RI .....1,282,944 IR5T .....1,228,835 S53M .....1,099,605 YU1JW .....1,024,250 S57AL .....1,007,620 S57DX .....958,825</p> <p><b>7 MHz</b></p> <p>SP2FAX .....596,388 YT1AD .....400,624 T99W .....364,596 YT7A .....357,504 S58WWW .....256,200 SP4NI .....194,125</p> <p><b>3.7 MHz</b></p> <p>9A30Y .....120,594 Z33A .....114,660 S59CAB .....111,748 PA4WM .....107,550 YU7JX .....98,640 CU2CE .....95,036</p> <p><b>1.8 MHz</b></p> <p>LZ8T .....59,778 OZ3SK .....55,368 IV3OWC .....46,209 HG3M .....43,761 EU6EU .....41,910 PA3GCV .....36,890</p> <p><b>Low Power All Band</b></p> <p>OH0Z .....3,371,225 ER6A .....3,214,395 S53EA .....2,962,734 G4BUO .....2,918,466 EA7GTF .....2,902,878 9A2EU .....2,494,185 4N7B .....2,107,176 RU3QW .....2,049,875</p>	<p>S51F .....2,037,280 HA8IH .....1,887,867</p> <p><b>28 MHz</b></p> <p>GI4SNA .....887,124 YU1AU .....854,080 F5TDK .....635,950 EA2CJC .....534,038 G0AEV .....529,223 9A5V .....520,828</p> <p><b>21 MHz</b></p> <p>SM4DHF .....1,100,480 S57O .....734,580 S57IO .....594,847 OT1H .....519,858 DL1LH .....506,625 EA7HBP .....494,340</p> <p><b>14 MHz</b></p> <p>S58AL .....643,826 S51CK .....519,696 IT9STX .....507,179 M5ACC .....436,076 SK0X .....395,738 T92D .....382,260</p> <p><b>7 MHz</b></p> <p>UA1ANA .....41,410 SP9ABU .....28,812 OK1TG1 .....22,022 UR5ETN .....21,964 SM2T .....19,845 IK3SSJ .....17,775</p> <p><b>3.7 MHz</b></p> <p>9A3PA .....69,144 S53F .....55,870 LZ1DM .....46,277 OK1FPS .....41,071 9A5AZZ .....36,564 IC8SDL .....34,776</p> <p><b>1.8 MHz</b></p> <p>HA8BE .....40,600 YT0T .....31,785 S57NMQ .....22,780 UR6QA .....17,328 OK2SNX .....14,448 SP9RPW .....13,311</p> <p><b>QRP, All Band</b></p> <p>LY5A .....1,953,068 F5BEG .....1,195,000 LY1DT .....973,080 S54AA .....682,550 SP8NR .....637,857 HG5Z .....618,896 S59D .....553,815 SM3C .....480,036 RV3QX .....403,650 SP3OL .....386,309</p> <p><b>Assisted, All Band</b></p> <p>OQ1T .....6,796,680 S50A .....5,860,490 DL0WW .....5,813,280 YL8M .....4,957,728 TM2V .....4,754,568 S52ZW .....4,576,662 OE4C .....4,128,725 OK2FD .....3,843,774 DJ2YA .....3,618,816 DF4RD .....3,430,336</p> <p><b>Multi-Op, Single Trans</b></p> <p>TM5C .....16,059,708 OM8A .....11,055,402</p>	<p>9A7A .....10,927,794 IR4T .....10,780,497 OK5W .....9,773,643 E17M .....9,563,686</p> <p><b>Multi-Op, Multi-Trans.</b></p> <p>RW2F .....21,717,810 RU1A .....20,099,454 OH2U .....19,883,163 DF0HQ .....19,858,774 OT1A .....19,597,131 HG6N .....15,546,030</p> <p><b>USA High Power All Band</b></p> <p>K1AR .....7,405,156 KQ2M/1 .....7,317,086 N2NT .....6,745,275 K4ZW .....6,388,875 W9RE .....6,058,656 K4XS .....5,806,188 K5ZD/1 .....5,392,310 K3ZO .....5,267,184 N2IC/0 .....5,056,788 WB9Z .....4,802,046</p> <p><b>28 MHz</b></p> <p>W4ZV .....1,459,575 K9NW .....1,149,889 K5RX .....1,053,930 N1RR .....824,504 K3ZJ/8 .....765,912 N2PP .....738,196</p> <p><b>21 MHz</b></p> <p>N9RV .....1,254,790 N7DD .....901,272 NG2X .....853,332 K4WI .....707,070 N3HBX .....646,736 K10MB .....562,322</p> <p><b>14 MHz</b></p> <p>K2XR .....775,905 W7WA .....726,300 WA2QNW .....359,370 K2BA/5 .....270,248 K5RR/7 .....238,140 W5FO .....236,988</p> <p><b>7 MHz</b></p> <p>N4CC .....105,300 WQ2M .....79,060 KE4SCY .....75,530 K9ES/4 .....58,191 NC2O .....35,100 KD4RH .....24,012</p> <p><b>3.7 MHz</b></p> <p>W6RJ .....122,843 AA1BU .....95,680 AA4MM .....39,425 W8UVZ .....9,882 ND5S/8 .....5,082</p> <p><b>1.8 MHz</b></p> <p>K6SE .....180</p> <p><b>Low Power All Band</b></p> <p>N1SV .....1,974,987 KS1J .....1,824,626 WD5K .....1,774,872 W5KFT .....1,773,849 K1VR .....1,714,122 AC0W .....1,631,034 K1VUT .....1,580,374</p>	<p>N4TZ .....1,556,180 W0AH .....1,477,476 WS1A .....1,357,800</p> <p><b>28 MHz</b></p> <p>N2EE .....527,580 K73RR .....317,400 KC2ILN .....272,259 K9HUY/4 .....271,707 N1LW .....226,206 KA2NDX .....224,616</p> <p><b>21 MHz</b></p> <p>N4MO .....245,055 W1EL .....227,336 W04O .....222,306 N2GM .....111,762 KE0UI .....90,965 W6YJ .....77,400</p> <p><b>14 MHz</b></p> <p>W9AU .....141,780 K2ER .....80,850 K7LVJ .....73,723 KX2S .....64,713 AA0MQ .....57,062 WB2DVU .....55,536</p> <p><b>7 MHz</b></p> <p>K2UF .....44,370 AD3Y/2 .....42,462 K2YE .....21,902 KU6T .....5,986 AF8C .....576</p> <p><b>QRP, All Band</b></p> <p>WE1USA .....764,160 K7HBN .....348,764 K8ZT .....322,438 KK0Q .....310,968 KB3TS .....305,606 W1AMF .....287,912 W3GK .....266,151 N1TM .....132,864 KQ4YY .....91,657 N8XA .....69,144</p> <p><b>Assisted, All Band</b></p> <p>K1IG .....8,053,315 K3WW .....6,836,410 N3RR .....5,059,152 K2NG .....4,674,285 AA3B .....4,011,739 W1GD/2 .....3,983,532 W4NF .....3,688,043 K2PS .....3,643,350 N2MM .....3,627,008 KQ3F .....3,617,074</p> <p><b>Multi-Op, Single Trans</b></p> <p>K4JA .....10,171,848 N3RS .....9,090,529 K1KI .....9,036,837 KR1G .....8,359,937 N2NU .....7,952,595 K8AZ .....7,686,915</p> <p><b>Multi-Op, Multi-Trans</b></p> <p>KC1XX .....23,653,668 W3LPL .....19,627,648 K9NS .....17,595,136 N2RM .....14,344,902 N4TO .....11,584,616 W4MYA .....11,345,644</p>
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tial problems. They were CT1BOH, DL6RAI, EA3DU, F6BEE, G3SXW, I2UIY, JE1CKA, OH2KI, OK2FD, PY5EG, S50A, UA9BA, and VE3EJ.

A special thanks to Dick, N6AA, who once again spent countless hours to make the CQ WW database the best in contesting. The CQ WW uses the software developed by Tree, N6TR, to create the database. John, K2MM, created the entire web log-entry information. His robot worked smoothly in acknowledging receipt of a log. Translations of the rules into Spanish, Japanese, German, and French were done by EA3DU, JE1CKA, DL6RAI, and F6BEE, respectively. Larry, N6TW, was invaluable in retrieving and processing data from e-mail submissions. Phil, N6ZZ, put lots of hours into making sure the database was as clean as

possible. Thanks also to John, K1AR, for his advice and hard work in helping to make the CQ WW so successful.

Congratulations to all the winners! Try to get a fellow contester on for a local, friendly competition. To participate and have fun is what contesting is all about!  
73 and CU in '02, Bob, K3EST

## DX QRM

It is very big surprise that I could QSO with West Coast and SA, because my apartment is now under construction of wall-recoating and covered with a net. Unable to set the

(Continued on page 101)



## TROPHY WINNERS AND DONORS

<b>SINGLE OPERATOR</b> <b>World All Band</b> 8P5A (Opr. Tom Georgens, W2SC) Donor: Dave Rosen, K2GM WA2RAU & W2SKE Memorial	<b>World 14 MHz</b> P40A (Opr. John Bayne, KK9A) Donor: North Jersey DX Assn. - K2HLB Memorial	<b>Africa</b> EA8ZS (Oprs.: EA1AK, EA4KR, EA7JX, EA8BYL, EA8KK, EA8PP, DL6RAI, DL2NBU) Donor: CQ Magazine
<b>World Low Power</b> P40W (Opr. John Crovelli, W2GD) Donor: Slovenian Contest Club	<b>World 7 MHz</b> 9Y4TBG (Opr. Andreas Kretschmar, DL4MEH) Donor: Fred Laun, K3ZO - K7ZZ Memorial	<b>Asia</b> P3A (Oprs.: RA9JX, RZ9UA, UA9MA, RW9UP, UA9YAB, RA0AM, RV0AU) Donor: Edward L. Campbell, NT4TT
<b>World QRP</b> P40B (Opr. Jacobo Oduber, P43P) Donor: Doc Sayre, W7EW	<b>World 3.7 MHz</b> Bob Ferrero, W6RJ Donor: Fred Capossela, K6SSS	<b>Japan</b> JE4VVM (Oprs.: JE4MHL, JG4CLV, JH4UHW, JH4VDP, JN4FEU, ZL1GO) Donor: Vienna Int'l. ARC - 4U1VIC
<b>World Assisted</b> VE3EJ (Opr. Jeff Steinman, N5TJ) Donor: CTRI Contest Group	<b>World 1.8 MHz</b> LZ8T (Opr. Valeri Stefanov, LZ2CJ) Donor: Robert Wruble, W7GG	<b>Europe</b> TM5C (Oprs.: F5LND, F5MUX, F5NLY, F5VCO, TM5K: F5BGR, F5EMP) Donor: Bob Cox, K3EST
<b>U.S.A.</b> John Dorr, K1AR Donor: Potomac Valley R.C. - KC8C Memorial	<b>USA 28 MHz</b> Bill Tippet, W4ZV Donor: Donald Thomas, N6DT	<b>Oceania</b> AH2R (Oprs.: JI3ERV/NH2C, JR7OMD/WI3O, JH0USD/KH2VO, JE8KKX/AH2K, KH2/JH7QXJ) Donor: Junichi Tanaka, JH4RHF
<b>U.S.A. Low Power</b> Les Peters, N1SV Donor: North Coast Contesters	<b>USA 21 MHz</b> Pat Barkey, N9RV Donor: Worldradio	<b>South America</b> ZX0F (Oprs.: PY5EG, PY5CC, PY0FF, N5FA, YU1RL) Donor: Victor Burns, K16IM
<b>U.S.A. Zone 3</b> Bob Wruble, W7GG Donor: Dave Pruett, K8CC & Greg Surma, K8GL	<b>USA 14 MHz</b> Dave Franks, K2XR Donor: Southern California DX Club	<b>South America - Mainland</b> FY5KE (Oprs.: FY5FU, FY5FY, F5HRY, F5MZN, F1HAR, F5OIH, F6HLC) Donor: Radio Club Paraguay
<b>U.S.A. Zone 4</b> Mike Wetzel, W9RE Donor: Dave Pruett, K8CC & Greg Surma, K8GL	<b>USA 7 MHz</b> Greg Wilson, N4CC Donor: Stanley Cohen, W8QDQ	<b>MULTI-OPERATOR, MULTI-TRANSMITTER</b> <b>World</b> IG9A (Oprs.: IT9GSF, 9A3GW, 9A6A, 9H1EL, I4AVG, I4EAT, I4TJE, I4VEQ, IT9CHU, IT9EQO, IT9INO, IT9IVE, IT9NTD, IT9SGN, IV3TMV, IW9GIH, JH4RHF, N5ZO/OH6DO, S50R, SV2DCD, SV8CS) Donor: Dave Leeson, W6NL, & Barbara Leeson, K6BL
<b>Canada</b> Dave Dudley, VE3OI Donor: Niagara Frontier Int'l DX Assn. VE3WT Memorial	<b>USA 3.7 MHz</b> Joe Gagliardi, Jr., AA1BU Donor: CQ Magazine	<b>U.S.A.</b> KC1XX (Oprs.: AD1C, K1DG, K1GQ, KC1XX, W1FV, W2RQ, JA3CZY, KM3T, K6AW, N6IG) Donor: Paul Hellenberg, K4JA
<b>Caribbean/C.A.</b> FG/T93M (Opr. Daniel Horvat, T93M) Donor: Alex M. Kasevich, VP2MM	<b>Carib./C.A. (21 MHz)</b> VP5B (Opr. Elza Foster, K4ISV) Donor: Snake River Contest Club	<b>Europe</b> RW2F (Oprs.: RA2FA, RN2FA, RU4HP, RV2FW, RW4WR, RX3DCX, UA2FB, UA2FF, UA2FM, UA2FX, UA2FZ, UA3DPX) Donor: Finnish Amateur Radio League
<b>Europe</b> CT7B (Opr. Martti Laine, OH2BH) Donor: Potomac Valley R.C. - W4BVV Memorial	<b>Europe 28 MHz</b> Kresimir Kovarik, 9A5K Donor: Worldradio	<b>Japan</b> JA3YBK (Oprs.: JH3PRR, JG3KIV, JI3OPA, JM3XKG, JH4IFF, JH4NMT, JR4ISF, JF4FUF) Donor: Ryozo Goto, JH3JYS
<b>Europe Low Power</b> OH0Z (Opr. Ari Korhonen, OH1EH) Donor: Scott Jones, N3RA & Tim Duffy, K3LR	<b>Europe 21 MHz</b> Robert Cummings, GI0KOW Donor: Tine Brajnik, S50A	<b>CONTEST EXPEDITIONS</b> <b>World Single Operator</b> SV9CVY (Opr. Bernd Och, DL6FBL) Donor: National Capitol DX Association Stuart Meyer, W2GHK Memorial
<b>Russia</b> Vadim Ovsianikov, UA9CLB Donor: Roman Thomas, RZ3AA	<b>Europe 14 MHz</b> Jiri Sanda, OK1RI Donor: A. G. Anderson, GM3BCL	<b>World Multi-Single</b> E30NA (Oprs.: DL5NAM, OE2VEL, DJ7EO, DK7YY) Donor: Dieter Loeffler, DK9KD European DX Foundation
<b>Africa</b> EA8AH (Opr. Pekka Kolehmainen, OH1RY) Donor: Gordon Marshall, W6RR	<b>Europe 7 MHz</b> Kaz Drzewiecki, SP2FAX Donor: Roger Burt, N4ZC	<b>World Multi-Multi</b> IH9P (Oprs.: W1NA, W7ZB, OL5Y, I2IFT, IK2ANI) Donor: Tachio Yuasa, JA9VDA
<b>Asia</b> JY9NX (Opr. Koji Tahara, JM1CAX) Donor: 2 AM Dayton Pizza Gang	<b>Europe 3.7 MHz</b> 9A30Y (Opr. Zvonimir Karnik, 9A3LG) Donor: Marconi Contest Club - I3MAU Memorial	<b>Special Award</b> A50A (Oprs.: W0GJ, W0HT, K0EN, N0ADQ, N4BQW, KW4DA, KC7JPA, A51AA, A51PR, A51UD, A51YL, A51WD) Donor: CQ WW Contest Committee
<b>Japan</b> Satoshi Hara, JH5FXP Donor: Japan Crazy Contesters Club	<b>Europe 1.8 MHz</b> Egon Gadeberg, OZ3SK Donor: Robert Kasca, S53R	<b>SPECIAL SINGLE OPERATOR AWARDS</b> <b>World-All Band Under 21 years old</b> Hamilton Oliveira Martins, PY2YU Donor: Gene Zimmerman, W3ZZ
<b>Japan Low Power</b> Kenji Sharyo, JI3BFC Donor: Western Washington DX Club	<b>Oceania (28 MHz)</b> Michael Gibson, KH6ND Donor: Bruce D. Lee, KD6WW	<b>World All Band High YL</b> Emily Thiel, P43E Donor: Yutaka Tanaka, JH3DPB
<b>Oceania</b> 9M8R (Opr. Jim Sullivan, W7EJ) Donor: Northern California DX Club	<b>Japan 21 MHz</b> Katsumi Furukawa, JH7XGN Donor: DX Family Foundation	
<b>South America</b> CE4U (Opr. Juan Pablo Mardones, CE4USW) Donor: Yankee Clipper Contest Club	<b>Japan 14 MHz</b> Hideaki Yasuda, JE2HVC Donor: Take Yokoyama, JL1BLW	
<b>South America - Mainland</b> ZX2B (Opr. Wanderly Ferreira Gomes, PY2MNL) Donor: Radio Club Paraguay	<b>MULTI-OPERATOR, SINGLE TRANSMITTER</b> <b>World</b> D44TC (Oprs.: I4UFH, IV3TAN, IK4UPB, IK2SGC, I4LCK, I4YSS, CT1EEV, D44TD) Donor: So. Calif. DX Club - W6AM Memorial	
<b>SINGLE OPERATOR, SINGLE BAND</b> <b>World 28 MHz</b> HC8A (Opr. Richard Smith, N6KT) Donor: Joel Chalmers, KG6DX	<b>U.S.A.</b> K4JA (Oprs.: K4JA, K9GY, K9JY, KA9FOX, KE9I, W4JVN, WE9V) Donor: Carolina DX Association	
<b>World 21 MHz</b> HC8Z (Opr. Pedro Katz, HC1OT) Donor: Robert Naumann, N5NJ	<b>Carib./C.A.</b> PJ2Z (Oprs.: W0CG, KU8E, K8NZ, N8VW, WC4E) Donor: Eric Scace, K3NA	

whip antenna vertically from my porch on the 5th floor, unwillingly set it horizontally to the wall. Output power is also only 10W. CU on my love, 10 meters . . . 7K2PBB. Condex for North America was OK, but was no good for Europe. But I enjoyed it anyway . . . 7K4XNN. First time for a number of years in the All Band class. Managed to put up the 160 meter antenna the week before the contest. Borrowed a 2nd PA for radio #2 and made more band changes than usual but need more practice. Needless to say I enjoyed the contest as always . . . 7S2E. Great contest, fabulous propagation on 10 meters, more

than 1 MHz of goodies. Saturday was the best ever, and Sunday Was down, but I have improved my best score for more than 1 million points. I have been too much on S&P strategy, so the mults are great, but I am missing about 400-500 QSOs for even better score . . . 9A2EU. Conditions were quite good. Had a lot of help from the hotel maintenance engineers in accessing the roof! Albert did an amazing job in getting the special call organised. It is amazing what you can do with just simple antennas!! A very enjoyable contest. Look forward to next year . . . 9H0WWW. First time from a DX location with

totally different band conditions. Our thanks to Don Soh, 9M6SU, for a great time contesting, DXing, and touring Kota Kinabalu, Sabah, East Malaysia. Some of the "big gun" station ops need to develop much better listening skills . . . **9M6TBT**.

From no radio in Bhutan to a Multi-Multi effort in a year! Wow! Ho-hum, just another A5! . . . **A50A**. Only few QSOs from my home station. Was one of the operators at DF3CB Multi-Single. Will be QRV in CQ WVV CW from EA8/DJ1OJ again . . . **DJ1OJ**. Thanks for a fine contest; excellent propagation on 10 meters, so I get different new ones on this band . . . **DL5NAV**. Sending my little log to help checking the logs from the "big guns," hi! Had fun and many new DXCC! . . . **DL9GMN**. Licensed 1950; 51 years in amateur radio . . . **EA2CR**. Ten meters has been perfect. On the other hand 80 has been impossible for me . . . **EA7EWX**. Many new countries easy to work. I recommend the contest for newcomers . . . **EA7GLJ**. This is the first time that I am operating in this well-known contest. Therefore I would appreciate your looking over my log so I don't screw anybody up. I have taken great pains to do the best I could given my level of experience . . . **EC8AQQ**. All contest in "search and pounce" mode . . . **F5BEG**. My first contest with more than 1000 QSOs. Good propagation . . . **F5RAB**. My first CQWW (new call sign since March 2001) . . . **F8CTY**. Thanks for making the best ham radio weekend of the year . . . **G0AZH**. An unbelievable experience which I doubt I will ever want to sit through again. My hand goes out to all those devoted QRPers. They should carry the flag and the recognition as being the top of the pile when contest results are declared. The result of my station was achieved without the help of anything or anyone, and only about 10 QSOs were achieved by a CQ call; the rest were all in answer to CQ calls . . . **G0KDS**.

In 29 years of contesting this is my first serious phone SOAB entry. Entering low power it was hard work keeping a frequency, but it was good fun, especially when I was able to get through the pile-up for a mult . . . **G4BUO**. First time entering the SSB test and was great the 1st day, but the second was hard going but still enjoyed the experience . . . **G5X**. Conditions were spectacular on Saturday, but noticeably worse on Sunday after the solar flare struck. Life can be tough at high latitudes! But we had fun and did a little better than last year . . . **GD6IA**. Our very 1st attempt at Multi-Single, which was interesting. Enjoyed the contest but did have some antenna problems. Was great to work so well with just the Butternut. Highlight of the year and already looking forward to next year to improve on the score . . . **GW7X**. Our second contest expedition to Shetland and great fun again. Auroral conditions on Sunday reduced our QSO total considerably. Maybe one of these years we'll get two good days in CQWW phone! . . . **GZ7V**. The first big contest with a new rig. First time 1000 QSOs in a contest. What an event! . . . **HB9CIC**. I really enjoyed this contest, especially a pile-up with W stations. It is my 1st participation on SSB. I think I will come back . . . **HB9DCM**. Since 1997 YN6WVV, T15WFM, T15EBU, T15WFM, and HR3J. We hope to see you again next year from Central America . . . **HR3J**. Very good propagation and participation from USA, but not so many QSOs with JA and Asia. First day ended very well. My best score ever. Glad to work you all . . . **IR4B**. Is my first international contest. I have this call by Oct. '01. I have work only 6 hours, but next year . . . **IZ0EHL**. Good propagation especially on 10 meters. My contribution is always modest but I believe that this year there is a motive to participate. Believe that would be necessary to apply in the life our ham-spirit! . . . **IZ1ANZ**. This is my first CQWW and following the suggestions of a friend, at the end I participated on 15 meters, and I think I made a good choice. A bit hard sometimes with a vertical antenna, but I got a lot of enjoyment . . . **IZ4DYP**. We enjoyed big pile-up to me in the good condx . . . **JA7YRR**.

Very glad to have made my personal record and to have broken a 4M barrier thanks to the great condx and the least sleep (40 minutes) . . . **JA8RWU**. Exciting conditions on 10 m but I missed several AF zones . . . **JA9SCB**. Twenty meters from the ground. I enjoyed this CQWW 2001. I think that for 28 MHz is very good condition this year . . . **JG0GGI**. This is our first try to enjoy Multi-Single. We would like to brush up on our apparatus and operation . . . **JH7BZR**. First serious effort with two radios. Excellent propagation on the first day didn't allow to play with the second radio; two radios boosted the score significantly the second day. It was amazing how the rates can improve due to SO-2R . . . **OE4C**. Very interesting to have two excellent guest operators. Our

team had four WRTC operators! . . . **OG1F**. The best run of CQWW DX Contest on 10 meters of my lifetime! . . . **OG3OJ**. Nice openings on Saturday to JA and W. Northern Lights were strong on Sunday so I lost quite a few multipliers maybe because of that, but anyway it was a great contest even with tribander. OH6-land is a real black hole of RF when aurora comes up . . . **OG6NJ**. I was just giving the points to others and trying to find new ones for my DXCC. I'll be attending CQWW CW more seriously . . . **OH6QU**. The OQ1 prefix was an all-time new one for the WPX guys but a bit of a tongue twister for a contest (OT1T is easier) . . . **OQ1T**. Very fine contest, very good propagation on 10 meters . . . **OQ4HAM**. I am falling in love with this band (80). Last-minute opportunity to join the game. Raised a portable quarterwave with switchable el. radials . . . **PA4WM**. Managed 41 hours of the 48. Used event as training for two new ops. Problems with our 160 m and 40 m antennas. Aurora made hard work . . . **M4U**. Good opportunity for antenna testing—hi. Had lots of fun. Tremendous pile-ups here and there operator is rookie. Licensed since Dec. 2000. 73 es CU next year . . . **PA9TT**. Very nice party to celebrate ten years of TUPY DX Group, founded by PY2APQ, PY2NY, and PT2AAW in 1991 . . . **PY2AA**. After more than 20 years of ham radio license this was my first WW contest. It was great fun and nice experience . . . **S51FB**. First CQWW from this club. We worked for fun and learning! Will be better next . . . **SK0CC**. Worked OX3R for new one on 80 . . . **SV1DKR**. Very good propagation on 10 m in the contest period. Nice openings with Asia and North America. This contest is my best of all contest I running in the last 3 years . . . **SV1DNW**.

That great contest is the only way for everyone to make a DXCC in one band and up to 30 zones with only 10 hours operation in one weekend! Do you know something else like that? . . . **SV2AEL**. We would have got more points if we had more operators, but always nice to give zone 40 . . . **TF3IRA**. Nine years old . . . **US5WMS**. Nice condx first day! But aurora on the second day killed our hope for the new record of the Ukraine! We had 3267 QSOs during the first 24 hours and only 2326 QSOs second 24 hours. Also missed many DX mults! . . . **UU7J**. Good to avoid the aurora this year. Thanks for the memories of all the QSOs and the good time we had . . . **VB2V**. I don't know if it's due to more experienced and patient ops or our equipment getting better. After 50 years of contesting I noticed a lot less harsh words and bickering . . . **VE4IM**. Conditions varied from brilliant to terrible. I was ahead of 2000 for most of the test but fell into a black hole in the last six hours nowhere to run! . . . **VK5GN**. Friday night and Saturday were great. I had some good pile-ups going on Sat. with over 100 contacts in one hour (1900Z) on 10 meters. I don't have a very good antenna for working 40 and 80. One of these days I will put up a vertical for these bands . . . **VY1MB**. Surprised for not hearing the K3LR super MM station. Tim, where were you? . . . **XE2AC**. My first SOSB 10 m in SSB, no gud condx to EU, but it was fun. I hope to work better in CW . . . **XQ1ZW**. Propagation within Indonesia and South and North America is very good . . . **YE1A**. Only time for 7 hours operating, still a good opportunity to test the new voice keyer though. Delighted to work E30NA for an all-time new one . . . **ZC4DW**. Fantastic conditions! I wish that I could have operated longer . . . **ZL2AL**. Once again an enjoyable contest. Increased DXCC totals. Heard VP2E on the higher bands; could only work him on 40 meters. I was first ZS QSO for at least two stations! Thanks everybody from CQ. I don't like contesting—I love it! . . . **ZS4BS**.

## USA QRM

It's great to be back into contesting. I had a ball . . . **AD8P**. Conditions were very much better than I expected—a real joy . . . **AE4EC**. Had lots of fun! 10 meters, wow! . . . **K0IL**. FT-817 to loaded whip on hotel balcony . . . **K1ZZ**. Great contest. Ten meters was hot! . . . **K2NV**. First real contest effort totally on my own! Operated from my QTH with an FT-840, 100 watts, and a 20 meter dipole up 60 feet in the trees. I had a great time plugging away (all S&P) and really loved contacting friends on the air! My thanks to N2GA for the "George Dipole" and especially to K3EST, a great teacher and motivator . . . **K2RED**. Biggest thrill: working E30NA—finally! Overall, had a great time with personal best score . . . **K2YSY**. Great conditions, great operators, great contest, great time! . . . **K3PP**. Cabrillo standard doesn't list Single Operator with packet yet so using Assisted for category . . . **K3WW**. First time in a CQWW DX Contest! Tnx for

the opportunity! . . . **K6OWL**. All together it was a lot of fun. Aurora during the next night was spectacular! BTW, last year's results were only 10% better than now: Propagation god was with us! We would like to express our deepest appreciation to Peggy, W6AFI, for her hospitality and support . . . **K6ZM**. This was my second CQWW Contest. I really enjoyed it! Thanks for the great contest! . . . **K8FK**. Operated for two hours as a 5 watt QRP operator stationary mobile in driveway and Hamstick antenna . . . **K9IUA**. Great condx! Not bad for a tribander at 26 feet and inverted-Vees even lower! . . . **K9MWM**. Multi-Multi with my 10-year-old son, Corey! He made 100 QSOs! He will be KB1??? Next year! . . . **KC1F**. Thanks for the best DX contest there is! Great to have a DX friend (JA3CZY) visiting this time . . . **KC1XX**. YL, my first CQWW . . . **KC2ILN**. It was a most glorious moment when I got Alaska (KL7Y)! What a rush!! And I loved working split on 40 meters . . . **KD7EJC**. Great contest! Band conditions were much better Saturday than Sunday. Looking forward to next contest . . . **KE6QR**. Things were looking good until the 30th hour. Then we got hammered by the CME that was ejected prior to the contest. By Sunday morning we could barely hear East Coast USA, and no EU at all . . . **KH6ND**.

Impressive 10 meter conditions on Friday night and Saturday with all parts of the world coming into the East Coast. A geomagnetic disturbance on Saturday night made Sunday much less productive, although much of Europe and Asia was still audible on 10 m during the day, even if the polar path had shut down. I mainly hunted for new countries (only one new one worked—V8A), but still had a lot of fun hunting for multipliers . . . **KO4MR**. Started out with amplifier trouble, quickly swapped it out with the standby amp (thanks to Bill, K0UK). If you're gonna be serious in this contest you had better have redundancy! Great conditions all weekend . . . **N0HF**. All was going well until about 23:00 local. Then the solar event hit us. Bands were almost dead until 06:00 gray line in the morning. Then, fortunately, things started to pick up again. Great time was had by all. Thanks to everyone for the Q's and see you next year . . . **N1LN**. Tried the same setup from home as used at ocean front. Looks like about 50% difference . . . **N2EE**. Tough going for three older guys on SSB. Congrats to K4JA and K1KI for their super efforts. Hope to do better on CW . . . **N3RS**. Great condx, particularly on 28 MHz. Logging a million points in 26 hours took some work, given the antennas are stealth dipoles on a deed-restricted lot . . . **N4GG**. Just doing our part "to promote international goodwill" . . . **N4GN**. Friday and Saturday results projected many records would be broken and then we experienced Sunday morning propagation! . . . **N4MO**. This was our first time in this category and as a team. We had a first day but conditions were tough from then on. But we had lots of fun. Thanks for a great contest! . . . **N5TW**. I could have danced a jig when I worked E30NA on Saturday morning! . . . **N6OU**. Great fun despite Sunday condx . . . **N6RO**. Working stations halfway around the world with a very simple station and low power (50 watts) . . . **N8GM**. Worked 23 Chinese stations! . . . **N9RV**. My thanks to CQ for a great contest and to all the ops who dug out my weak signal . . . **ND6S**.

Single band was fun, and learned a lot from just operating on one band . . . **W0ZA**. My first CQWW—what an experience! With 30 minutes left in the contest I moved to 15 m and picked up my last 11 contacts, including 5 multipliers! . . . **W2RDS**. First contest ever as a single op. Enjoyed it . . . **W3KHZ**. At age 75 contests are still a fun way to spend a few hours. QRP makes even more fun (and hard work!) . . . **W3MGL**. My very first contest outside of ARRL Field Day. Thanks, I had a great time! . . . **W4KAZ**. Wow—WAZ on 20 meters! Last time I made Single Band WAZ was on 20 meters in the 1983 CQWW SSB! . . . **W4ZV**. I had a great time this year and added five more new entities to my 10 meter total . . . **W5CWQ**. Thanks for the work the CQWW Contest Committee does each year. It was a learning experience. Lots of things I could have done better. Regardless of the score, I had fun and that's really what it's all about . . . **W5KFT**. Big pileups of out-of-band operators on the high end of 15; maybe we need a new category for stations that don't observe the rules . . . **W8TWA**. First time using a computer logging program. It was great catching a zone 20 station on 40 meters with 100 watts on an old trap vertical . . . **W9LYN**. Conditions could have been better, but I still managed to better last year's score. I couldn't have done it without a plate of my wife's fresh chocolate-chip cookies . . . **WD4DDU**. Best surprise was to work my old college buddy 5W0MO (op. KM9D) on his around-the-world sailing trip . . . **WN9O**.

Number groups after call letters denote following: Band (A = all), Final Score, Number of QSOs, Zones, and Countries. An asterisk (\*) before a call indicates low power. Certificate winners are listed in bold. (All country terminology reflects the DXCC list at the time of the contest.)

**SSB RESULTS  
SINGLE OPERATOR  
NORTH AMERICA**

<b>UNITED STATES</b>			
<b>K1AR</b>	<b>A</b>	<b>7,405,156</b>	<b>4020 152 519</b>
<b>KQ2M/1</b>	<b>"</b>	<b>7,317,086</b>	<b>4146 148 514</b>
<b>K5ZD/1</b>	<b>"</b>	<b>5,392,310</b>	<b>2962 150 508</b>
(Op: CT1BOH)			
W1AO	"	2,251,060	1684 103 387
K5MA/1	"	1,817,738	1433 110 353
W1KT	"	1,572,592	1063 124 408
N1API	"	1,279,745	1308 83 278
W1KRS	"	1,271,160	1030 105 335
W1LLU	"	1,154,780	1175 96 266
AK1N	"	1,151,495	1006 111 326
W1OP	"	1,124,988	1054 96 293
(Op: K1PLX)			
N1RY	"	1,112,640	860 108 380
W1TE	"	1,075,607	949 94 309
K1LI	"	869,056	933 86 281
K1CN	"	859,512	854 90 301
W1CTN	"	829,185	875 92 279
K1BD	"	726,478	698 94 297
K1VDF	"	700,574	788 78 248
AB1R	"	649,296	725 79 255
KB1LN	"	617,192	694 90 268
WT1M	"	600,590	872 70 220
(Op: N1HKO)			
K1RO	"	568,690	698 73 217
N1FUS	"	562,400	731 73 231
W1JQ	"	447,606	577 76 231
W1GF	"	431,244	537 67 230
N1SOH	"	414,960	545 72 208
(Op: W1FIM)			
W1MK	"	394,134	529 79 247
W1BH	"	252,000	388 78 202
N1JW	"	241,319	364 64 183
W1VET	"	224,664	539 67 209
KV1J	"	159,850	282 68 162
W1MEZ	"	137,946	299 39 127
K1VME	"	119,997	287 56 143
N1BCL	"	118,944	283 48 129
K1OZ	"	89,280	227 41 103
W1AF	"	28,820	117 37 73
(Op: N1OZY)			
WA1Z	"	26,978	103 30 64
<b>N1RR</b>	<b>28</b>	<b>824,504</b>	<b>1627 35 149</b>
AA1QD	"	515,247	1051 36 141
W1AIR	"	95,472	340 24 101
K1SM	"	15,232	98 11 45
<b>K2SS/1</b>	<b>21</b>	<b>330,187</b>	<b>836 32 111</b>
<b>W1ZK</b>	<b>14</b>	<b>177,536</b>	<b>436 34 112</b>
K1QS	"	122,232	337 30 102
AA1UT	"	32,676	146 18 66
<b>AA1BU</b>	<b>3.7</b>	<b>95,680</b>	<b>389 22 82</b>
K1YN	"	85	4 1 1
<b>*N1SV</b>	<b>A</b>	<b>1,974,987</b>	<b>1557 106 377</b>
<b>*KS1J</b>	<b>"</b>	<b>1,824,626</b>	<b>1434 108 346</b>
<b>*K1VR</b>	<b>"</b>	<b>1,714,122</b>	<b>1283 110 376</b>
<b>*K1VUT</b>	<b>"</b>	<b>1,580,374</b>	<b>1293 100 354</b>
*WS1A	"	1,357,800	1120 101 337
*WT1S	"	1,350,650	1078 107 347
*N1DD	"	1,286,120	1089 106 334
*K1HT	"	1,274,156	1043 104 324
*G1G2	"	948,420	887 95 301
*K1YS	"	853,129	984 86 293
*K1LD	"	768,473	704 100 331
*W1EQ	"	702,886	786 81 268
*KX1X	"	655,200	857 67 207
*W1DAD	"	649,944	663 92 262
*N3KJ/1	"	598,410	740 75 230
*NM1Y	"	594,720	605 79 275
*K1NYK	"	593,388	769 70 241
*W1ZS	"	489,645	651 66 213
*N1DS	"	398,274	616 60 186
*K1YA	"	348,355	491 68 201
*W3TB/1	"	290,924	441 74 209
*K1YZ	"	255,432	438 56 176
*K1IOEO	"	194,866	377 53 164
*K1VUSJ	"	153,056	277 67 154
*K1VU	"	132,300	295 44 136
*N1DC	"	130,345	268 50 149
*K1ILR	"	120,432	304 38 118
*KG1V	"	111,888	245 52 137
*K1XS	"	111,296	264 54 134
*K1VR	"	86,359	222 43 126
*W1MMM	"	70,920	249 31 89
*KY1B	"	54,144	177 34 94
*W1TW	"	44,950	168 45 100
*K1WCC	"	39,996	157 24 77
*AE1D	"	32,100	119 32 75
*KCI1VQ	"	22,977	98 32 79
*N1VI	"	17,064	106 21 51
*K1MOM	"	16,892	80 29 53
*KQ1F	"	16,632	97 12 54
*K1SWG	"	14,514	74 29 53
*K3JUC/1	"	8,496	55 20 39
*N1QXV	"	1,062	41 27 32
<b>*N1LW</b>	<b>28</b>	<b>226,206</b>	<b>566 32 110</b>
<b>*W1EL</b>	<b>21</b>	<b>227,336</b>	<b>514 33 124</b>

*N1SHM	"	7,680	53 18 42
*WA1MKS14	"	49,700	184 24 76
<b>N2NT</b>	<b>A</b>	<b>6,745,275</b>	<b>3625 151 524</b>
<b>W6XR/2</b>	<b>"</b>	<b>2,822,088</b>	<b>2156 117 355</b>
(Op: NA2U)			
K2BX	"	1,828,236	1263 117 407
N2LT	"	1,689,996	1438 112 322
N2MR	"	1,650,384	1339 99 339
N2WK	"	1,584,648	1257 117 351
WAZNHA	"	1,237,936	1200 89 303
N7UN/2	"	1,006,824	1002 86 278
W2LE	"	858,375	832 84 291
K2XF	"	775,744	733 97 294
K2XT	"	620,483	710 81 242
NA2M	"	556,100	615 86 249
N2XC	"	534,136	531 97 276
K2ZP	"	470,611	558 78 245
W2YK	"	448,392	554 78 236
W2FCA	"	377,202	475 69 225
N1API	"	335,174	500 68 201
W2BKLD	"	324,157	456 66 204
N2D0	"	317,814	410 79 203
W2RV	"	315,507	486 59 192
W6ZHVJ	"	304,008	467 62 177
K2TV	"	291,856	465 57 175
N2XG	"	284,791	525 63 184
AE2F	"	250,162	338 65 209
KD2HE	"	237,411	413 52 191
WF2B	"	219,780	393 56 164
NA2A	"	198,000	372 55 165
K2ZT	"	194,134	333 62 164
NE2I	"	168,272	385 48 160
N2XR	"	150,080	253 60 164
K2SZ	"	133,308	265 57 150
W2FU	"	95,580	210 54 123
K2AF	"	85,800	202 52 113
WAZBKN	"	60,852	161 54 96
W2FUI	"	45,535	155 18 54
KV2U	"	38,700	148 36 93
N2SQW	"	33,824	133 32 80
WAZBMH	"	28,405	112 35 80
N2BT	"	23,980	80 44 66
K2ZV	"	9,424	92 22 54
W2SXY	"	7,722	68 30 48
<b>W2RE</b>	<b>28</b>	<b>1,245,798</b>	<b>2301 39 162</b>
N2PP	"	738,196	1524 39 140
K2MFY	"	384,836	804 38 140
W2OSM	"	316,512	787 31 113
N2GU	"	83,808	275 27 81
WAZVUM	"	13,140	98 17 43
<b>NG2X</b>	<b>21</b>	<b>853,332</b>	<b>1698 38 140</b>
KU2M	"	197,334	642 29 85
<b>K2XR</b>	<b>14</b>	<b>775,905</b>	<b>1572 38 157</b>
WAZQNW	"	359,370	803 38 127
K2MGA	"	130,340	365 30 103
<b>W2QM</b>	<b>7</b>	<b>79,060</b>	<b>279 25 93</b>
NC2D	"	35,100	152 13 77
N3XOF/2	"	22,000	121 17 63
<b>*W2RDS</b>	<b>A</b>	<b>1,051,560</b>	<b>1011 82 299</b>
<b>*K2CS</b>	<b>"</b>	<b>670,680</b>	<b>767 86 238</b>
*N2BZTH	"	577,191	531 106 315
*W2PN	"	369,357	486 76 227
*N2USB	"	352,121	521 64 205
*W2TZ	"	321,455	456 75 194
*K2DBK	"	296,555	429 64 195
*W2UI	"	283,215	452 57 180
*AA2YJ	"	265,640	443 58 174
*N2MUN	"	249,400	463 50 165
*K2D0TJ	"	201,576	339 56 166
*N2ZEV	"	181,478	305 64 162
*W2VU	"	178,277	320 52 157
*W2QQ	"	161,403	291 52 149
*W2MKW	"	160,310	326 56 149
*KM2L	"	159,488	333 46 132
*K2UR	"	157,248	328 47 145
*K2YSY	"	147,744	266 55 161
*AA2TM	"	137,594	284 47 131
*N2LQU	"	105,270	245 43 122
*KB4VL/2	"	81,776	204 36 116
*W2B2TPS	"	72,645	164 46 121
*W2PI	"	70,924	183 42 107
*N2MFT	"	64,350	191 47 96
*W2FGY	"	47,771	141 45 96
*W2V3ETHX	"	40,005	169 37 90
*K2R	"	33,125	145 39 86
*NJ2DX	"	32,512	109 39 88
*KX2J	"	27,365	161 25 86
*WA2IAU	"	16,732	101 22 67
*WA4ATJ/2	"	16,517	92 27 56
*WB2AIU	"	13,440	80 25 55
*N2VM	"	7,490	68 25 45
*K2RAD	"	357	12 8 9
<b>*N2EE</b>	<b>28</b>	<b>527,580</b>	<b>1113 36 144</b>
(Op: K3BU)			
*K2CILN	"	272,259	627 38 131
*KA2NDX	"	197,662	510 33 114
*K2BOW	"	106,776	352 31 60
*W2BHWI	"	27,230	159 17 53
*W2DBA	"	21,560	114 16 54
*K2SOW	"	5,200	66 16 34
<b>*N2GM</b>	<b>21</b>	<b>111,762</b>	<b>348 26 100</b>
<b>*K2RED</b>	<b>14</b>	<b>80,850</b>	<b>282 24 86</b>
*KX2S	"	64,713	232 27 84
*WB2DVU	"	55,536	199 26 78
*WA2ASQ	"	15,822	100 16 46
<b>*K2UF</b>	<b>7</b>	<b>44,370</b>	<b>170 22 80</b>
*K2YEH	"	21,902	125 23 71
*AD3YH	"	1,225	21 9 161

<b>K3Z0</b>	<b>A</b>	<b>5,267,184</b>	<b>3142 144 454</b>
<b>W3BGN</b>	<b>"</b>	<b>4,275,915</b>	<b>2658 139 440</b>
N3AD	"	2,856,770	2088 122 396
N3HXQ	"	1,059,310	1087 93 277
W3RJ	"	939,277	1278 83 200
NQ3N	"	926,712	995 86 280
N3NS	"	818,025	912 71 254
(Op: K3IPK)			
N3UM	"	780,767	775 90 287
N3KR	"	741,972	772 80 283
N3RJ	"	665,520	802 85 269
K4JLD/3	"	659,362	732 85 289
K3GEG	"	578,963	442 115 396
AD8J/3	"	536,116	692 75 212
W3DY	"	475,046	587 66 236
W3BQ	"	341,386	494 66 196
K3SX	"	326,827	411 92 225
W3FVT	"	316,000	506 59 191
AD3Z	"	192,150	357 61 164
W3KV	"	182,300	326 43 145
AJ3M	"	122,844	267 52 122
W3JRY	"	15,784	78 17 59
N3HE	"	6,731	59 21 32
N3ME	"	1,836	32 24 30
N3RW	28	61,182	228 29 74
N3LL	"	40,392	193 19 69
<b>N3HBX</b>	<b>21</b>	<b>646,736</b>	<b>1482 34 132</b>
KM3J	7		

K17AO	*	301,599	443	89	190	*W8MKO	*	42,572	157	32	84	K0DAS	*	177,177	456	32	111	VE5UA/6	A	1,151,712	1268	112	275						
N7NTN	*	287,152	453	86	188	*N8CH	*	28,120	104	29	66	WN0L	*	103,056	340	26	88	VE6VQ	28	879,864	2024	39	144						
NB7X	*	223,504	380	69	160	*K8MEG	*	26,070	115	37	73	K10BM	21	562,322	1447	36	122	VE6WJ	21	981,272	2165	37	147						
KS7T	*	212,364	393	66	138	*NS8O	*	23,040	103	30	60	WA0OTV	*	176	12	8	8	(Op: VE5MX)											
W7WHY	*	204,327	396	71	148	*WA0EOE	*	15,484	80	30	49	*AC0W	A	1,631,034	1308	119	355	VA6RC	*	196,647	911	27	74						
W7LGG	*	202,110	422	75	163	*KA8JXG	*	11,704	71	32	56	*W0AH	*	1,477,476	1217	132	360	*VE6ZT	A	609,466	858	81	205						
N7FE	*	75,680	170	65	111	*K8CPKN	*	11,455	84	28	51	*N0HJZ	*	1,057,662	950	109	293												
W7HUY	*	47,880	128	71	109	*W0CB	*	841	25	18	17	*N0Y0Y	*	562,928	693	80	222	VE7VR	A	657,312	724	101	233						
AC7BN	*	40,334	120	47	87	*K0IR	28	207,144	551	29	108	*W0BSMS	*	529,074	652	100	242	VE7XB	*	423,440	629	80	188						
K7QE	*	19,032	102	29	49	*KFB8T	*	74,844	271	24	75	*K0VM	*	367,783	578	66	181	VE7XO	*	257,538	458	68	143						
WG7X	*	18,928	83	43	61	*N8GM	*	4,305	48	16	25	*N0PO	*	197,540	370	50	168	VE7KD	28	116,012	635	25	67						
WC7S	*	6,968	49	30	37	*W8NGO	21	27,454	172	17	57	*N0ZA	*	164,190	376	54	141	VA7RR	21	998,592	2405	35	133						
KB7TYA	*	5,934	92	23	20	*AF8C	7	576	18	7	17	*N0UOC	*	156,177	314	63	138	VE7OS0	*	20,845	166	22	33						
K7QQ	28	462,590	1105	38	129	W9RE	A	6,058,656	3405	154	500	*K0IL	*	143,634	265	65	157	VE7XR	14	474,614	1257	36	131						
K17XA	*	40,050	180	25	64	WB9Z	*	4,802,046	2800	154	472	*N0WVY	*	142,048	285	56	128	*VE7IN	A	681,792	937	109	209						
K6TIM/7	*	39,312	160	32	94	NA9D	*	1,453,375	1384	97	288	*W0B0EL	*	135,816	213	65	147	*VE7FO	*	328,001	626	81	160						
W7AAY	*	15,370	86	21	50	KB9BUM	*	1,389,465	1020	118	377	*W0BTRA	*	130,676	289	61	121	*VE7VF	28	53,244	214	27	75						
N7DD	21	901,272	1850	40	148	K9BGL	*	1,265,148	1048	123	329	*K0UD	*	125,768	253	57	142												
W7UT	*	469,452	1011	35	139	N90QK	*	889,785	917	85	266	*KB0MZG	*	117,151	252	62	131	VE7YV	A	492,012	864	87	150						
K7ZZ	*	446,550	1234	35	123	W9JJA	*	755,153	687	119	344	*WA2HMV	*	65,554	181	56	90	VE8AE	*	54,704	253	46	58						
W7EB	*	376,740	1044	31	107	W9JJA	*	755,153	687	119	344	*WR0DK	*	54,708	159	53	88	*VY1MB	A	332,688	920	70	104						
K7VS	*	348,777	952	32	111	K8LEE/9	*	704,234	670	122	324	*KA0EIC	*	44,660	131	52	88												
WA7AR	*	236,652	556	35	121	K9UJN	*	656,934	788	69	240	*AA0ZZ	*	40,217	132	44	87												
KX7J	*	23,298	125	22	53	W1AMKE/9	*	585,078	646	91	247	*N0LZ	*	30,326	94	49	69												
W7WA	14	724,140	1430	38	142	AA9RN	*	455,096	541	89	237	*W0CBH	*	27,645	111	34	61												
KS9R/7	*	238,140	535	38	124	NF9V	*	206,712	351	67	165	*K0MPH	*	25,533	109	35	66												
*W8TV	A	548,576	647	97	219	NO9E	*	200,396	352	75	163	*KC0CQD	*	21,441	150	21	34												
*N7LOX	*	473,060	591	91	219	N2BJ/9	*	141,984	220	64	168	*K8JRF/0	*	20,140	115	34	72												
*N3AHU/7	*	272,525	490	88	187	K9T7T	*	129,781	344	67	166	*K00DI	*	11,700	115	38	52												
*N7M7L	*	242,553	396	71	162	W09S	*	38,115	146	39	60	*W0BR	*	9,027	58	14	45												
*KW7N	*	227,130	393	77	149	W3HDH/9	*	33,899	131	40	69	*W0IE	*	5,400	43	13	32												
*W7QDM	*	104,742	219	67	131	W9LYA	*	16,182	83	38	55	*K0XM	28	117,980	269	39	131												
*KC7X	*	86,432	274	51	97	K9NW	28	1,149,889	2088	39	158	*W0RUN	*	14,640	95	16	44												
*N7EMC	*	82,160	219	42	88	W9WF	*	388,284	912	37	119	*KE0UI	21	90,965	301	28	87												
*AB7RW	*	70,470	194	55	80	W9WJ	*	260,091	543	37	132	*W0ZA	*	74,160	297	26	77												
*W7SNH	*	58,245	178	63	102	W9SE	*	154,380	481	29	95	*K0CO	*	4	1	1	1												
*W7YVK	*	51,195	189	44	57	KB9SNE	*	481	49	13	24	*AA0MQ	14	57,062	206	27	76												
*KK7VC	*	48,929	161	43	70	N9RV	21	1,254,790	2578	37	142	*N0MSB	*	6,794	60	11	32												
*W7GTO	*	42,979	140	46	74	K9XDZ	*	135,061	378	29	102																		
*K7EMI	*	41,019	151	46	75	KB9KEG	*	58,032	251	26	78																		
*ACTLX	*	37,146	160	36	46	KF9VJ	*	19,680	128	21	59																		
*N7XY	*	35,535	120	45	70	K9CAN	14	111,260	295	33	111																		
*W7LKG	*	31,892	125	41	78	W9BCV	*	26,362	152	26	72																		
*N7LT	*	29,500	126	42	58	*N9UA	A	1,082,988	986	101	301																		
*W7ZF	*	12,544	124	42	56	*K9JE	*	785,420	818	89	257																		
*W7IIT	*	11,434	60	29	42	*WAGZ	*	698,880	810	86	250																		
*K7ATA	*	5,772	76	19	20	*WN9O	*	657,580	523	124	366																		
*W7JAM	*	4,180	52	24	31	*K09FC	*	488,224	667	72	220																		
*K7G	*	1,116	23	16	15	*N9RPE	*	379,808	518	84	202																		
*K07EJC	*	825	20	11	14	*K09AC	*	230,838	404	71	166																		
*W7UPF	28	162,009	472	31	110	*N9CJQ	*	225,264	337	66	181																		
*K7NT	*	116,298	349	30	96	*N9KT	*	177,062	310	62	161																		
*W7ZMD	*	1,748	39	16	22	*K9KUP	*	167,915	400	58	157																		
*K7LVJ	14	73,723	258	23	84	*W9YS	*	137,085	291	59	126																		
						*W9LYN	*	136,840	259	69	151																		
						*N9KO	*	134,082	294	52	139																		
						*N9LYE	*	122,815	433	41	162																		
						*W0HED/9	*	102,856	226	54	130																		
						*W9WTF	*	75,460	202	52	102																		
						*N9JFU	*	56,922	132	49	110																		
						*W09FEN	*	36,519	137	32	79																		
						*K0DNN	*	18,343	93	26	57																		
						*K69PF	*	13,098	75	24	50																		
						*K0DAV/9	*	10,833	65	21	48																		
						*K9KQD	*	9,240	91	18	52																		
						*W9RN	28	194,085	437	38	133																		
						*W9FGH	*	158,369	449	28	99																		
						*K69N	*	111,888	379	29	79																		
						*N9NK	*	103,920	333	27	93																		
						*W9IH	*	63,776	183	33	104																		
						*N9GUN	*	58,590	240	25	68																		
						*N9GL	*	23,100	110	18	59																		
						*W9ILY	21	37,840	159	20	68																		
						*W9AU	14	141,780	373	33	106																		
						*N9HV	*	38,335	216	22	63																		
						N2IC/0	A	5,056,788	2882	162	476																		
						NR0X	*	2,457,064	1569	135	427																		
						K0XX	*	2,089,126	1649	125	629																		
						K0IR	*	1,993,290	1391	135	403																		
						W0BPV	*	1,310,272	990	131	341																		







<b>ISLE OF MAN</b>				*IK2YZG	77,376	470	23	81	*PA7DA	33,449	125	40	70	*SP6CES	105,072	354	53	123	<b>Y03JW</b>	<b>28</b>	<b>38,595</b>	<b>245</b>	<b>24</b>	<b>59</b>		
*GD4GWO	A	172,557	473	54	195	*11GXV	31,284	167	26	53	*PA7RA	15,792	118	29	65	*SP8JPR	98,564	289	54	110	Y05DDC	27,576	194	19	53	
<b>ITALY</b>				*IK7WUE	25,740	197	18	48	*PA0LRK	11,579	87	60	26	*SN8R	97,566	316	58	144	Y03FWC	23,040	201	17	43			
<b>IQ4T</b>	A	4,275,768	3102	131	520	*IK20LU	21,978	146	22	52	*PA3BDB	8,374	97	24	55	*SP3FYM	87,377	293	42	89	<b>YP3A</b>	<b>21</b>	<b>987,752</b>	<b>3313</b>	<b>39</b>	<b>149</b>
<b>IK4ADE</b>	A	2,945,568	2974	108	380	*IV3/IK2AIT	6,727	76	14	28	*PA9LUC	5,069	18	10	18	*SP8UZJ	86,028	357	30	77	Y04NF	711,504	2576	37	125	
<b>IQ8A</b>	A	2,798,145	3725	110	331	*IK3SSW	6,018	67	17	34	*PA9JAM	4,010	70	13	36	*SP2MZK	82,170	267	54	112	<b>Y09FWJ</b>	<b>14</b>	<b>62,656</b>	<b>620</b>	<b>24</b>	<b>64</b>
<b>IK6SNQ</b>	A	2,422,782	2427	127	435	*IK4QJM	119,600	530	29	101	*PA0LSK	2,788	43	16	18	*SP5AKG	67,332	254	30	104	<b>*Y04CIS</b>	<b>A</b>	<b>1,155,312</b>	<b>1578</b>	<b>106</b>	<b>346</b>
<b>IQ2C</b>	A	1,653,577	1996	96	283	*IK4DVP	90,174	450	25	89	*PA0FEI	930	23	12	19	*SP2QVU	65,469	237	42	97	<b>*Y03APJ</b>	<b>A</b>	<b>1,112,938</b>	<b>1277</b>	<b>115</b>	<b>367</b>
<b>I2BDPL</b>	A	999,688	1828	71	207	*IR5T	14,081,375	3157	40	139	*PA0JR	8,340	100	19	41	*SP7JQQ	64,856	215	40	94	*YP2A	881,175	2175	83	296	
<b>I26CST</b>	A	810,166	1304	78	265	*IV3UHL	90,957	826	23	72	*PA1TT	197,580	649	33	115	*SP4JYQ	62,478	259	49	129	*Y06BHN	632,875	674	101	314	
<b>IK8WMT</b>	A	514,710	968	79	236	*I5B	28,458	289	22	71	*PA0CYW	141,611	523	28	103	*SP9DEM	61,050	194	47	118	*Y05CYG	272,646	619	76	230	
<b>IZ0BVU</b>	A	506,025	1134	83	242	*I25BSA	23,994	228	19	67	*PA0EHF	56,771	243	27	69	*SP7TDE	57,652	175	62	141	*Y07ARY	189,932	490	54	152	
<b>IK6UBY</b>	A	386,750	801	75	250	*IK3SSJ	7	17,775	226	14	61	*PA2SWL	21,303	345	9	59	*SP4DZT	46,512	149	44	108	*Y03NL	188,436	539	60	208
<b>IZ1ANK</b>	A	170,286	817	68	213	*IQ5B	30,750	403	11	64					*SP6CDP	43,428	157	36	96	*Y08RFS	154,048	554	54	178		
<b>I3MLU</b>	A	96,252	289	43	113	<b>JERSEY</b>								*SP9XUE	43,365	167	45	102	*Y09FPY	147,908	515	50	156			
<b>IR4R</b>	A	82,800	357	43	77	<b>MJ9C</b>	<b>21</b>	<b>1,078,350</b>	<b>2756</b>	<b>35</b>	<b>140</b>				*SP3DOF	40,986	181	47	91	*Y07LXB	129,132	422	55	149		
<b>IK2REA</b>	A	49,984	238	41	101	<b>KALININGRAD</b>								*SP3GHK	40,690	602	44	81	*Y04RPL	64,584	261	43	136			
<b>IZ3EIN</b>	A	32,110	127	42	88	*UA2CZ	A	42,432	152	41	95				*SP4Z	29,344	120	44	68	*Y03CVG	32,922	156	33	85		
<b>IK4RVG</b>	A	31,144	171	41	95	*UA2FHZ	28	2,821	50	11	20				(Op: SP4EEZ)					*Y08CKO	29,367	122	26	91		
<b>I3MGN</b>	A	26,471	121	37	74	<b>LATVIA</b>								*SP6NIF	27,424	107	36	70	*Y06ADW	28,625	179	30	86			
<b>IK4CSP</b>	A	23,320	121	27	73	<b>YL2KO</b>	<b>A</b>	<b>2,920,680</b>	<b>2869</b>	<b>122</b>	<b>410</b>				*SP9OYK	21,840	112	32	52	*Y03GZS	26,445	226	34	89		
<b>IK3XJL</b>	A	15,458	112	26	33	<b>YL2GD</b>	<b>28</b>	<b>66,440</b>	<b>324</b>	<b>22</b>	<b>353</b>				*SP7VCA	17,336	104	30	70	*Y02CXJ	17,892	198	16	68		
<b>IK5TJT</b>	A	12,516	96	27	57	<b>YL2KF</b>	<b>28</b>	<b>66,440</b>	<b>324</b>	<b>22</b>	<b>353</b>				*SQ9DXT	15,552	167	25	83	<b>*Y03JF</b>	<b>28</b>	<b>393,820</b>	<b>1438</b>	<b>33</b>	<b>112</b>	
<b>IK2PTL</b>	A	9,180	124	33	69	<b>YL2GT</b>	<b>21</b>	<b>97,580</b>	<b>551</b>	<b>26</b>	<b>93</b>				*SP4BGQ	13,568	139	25	81	*Y08BWV	107,736	392	32	102		
<b>IK4IWK</b>	<b>28</b>	<b>811,941</b>	<b>1791</b>	<b>40</b>	<b>151</b>	<b>YL2GJ</b>	<b>21</b>	<b>97,580</b>	<b>551</b>	<b>26</b>	<b>93</b>				*SP2GCE	10,288	193	44	89	*Y09CXE	30,318	177	27	66		
<b>IR3Z</b>	A	<b>781,812</b>	<b>2043</b>	<b>37</b>	<b>125</b>	<b>YL7A</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				*SQ9DXN	8,778	55	29	37	*Y03FLU	20,416	211	15	43		
<b>IQ3X</b>	A	<b>779,284</b>	<b>2056</b>	<b>39</b>	<b>139</b>	<b>YL7B</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				*SP9DAE	7,371	100	15	48	*Y08DHD	16,131	132	18	39		
<b>I20DL</b>	A	572,832	1435	35	127	<b>YL7C</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				*SP4XQN	7,250	55	26	32	*Y08DDP	14,040	76	24	81		
<b>IZ5EBL</b>	A	433,420	1509	34	96	<b>YL7D</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				*SP2LHX	6,660	81	26	40	<b>*Y050HO</b>	<b>21</b>	<b>60,799</b>	<b>404</b>	<b>24</b>	<b>81</b>	
<b>IK0YVV</b>	A	412,104	1201	34	120	<b>YL7E</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				*SP6BEN	3,947	44	17	22	*Y05DMB	14,632	209	15	51		
<b>IU2C</b>	A	383,572	1270	33	100	<b>YL7F</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				*SP8MCP	3,174	37	19	27	*Y04UQ	12,000	192	12	48		
<b>IK2WZV</b>	A	308,000	912	34	120	<b>YL7G</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				*SP4UUN	1,665	41	11	26	*Y03FF	1,480	35	8	12		
<b>IZ5ASZ</b>	A	152,366	523	33	109	<b>YL7H</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				*SP6EVB	1,000	29	9	21	*Y050XN	7,205	156	7	42		
<b>IZ1EGV</b>	A	69,269	252	30	83	<b>YL7I</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*SP8OM</b>	<b>28</b>	<b>469,152</b>	<b>1114</b>	<b>39</b>	<b>Y02BEH</b>	<b>1.8</b>	<b>11,000</b>	<b>218</b>	<b>6</b>	<b>44</b>	
<b>IZ8DFO</b>	A	39,420	180	29	79	<b>YL7J</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA1PHA</b>	<b>271,691</b>	<b>569</b>	<b>66</b>	<b>193</b>	<b>*Y02KHK</b>	<b>A</b>	<b>3,024</b>	<b>75</b>	<b>5</b>	<b>31</b>	
<b>IK5JK</b>	A	37,620	229	23	53	<b>YL7K</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA2DKA</b>	<b>51,508</b>	<b>292</b>	<b>34</b>	<b>124</b>	<b>SARDINIA</b>						
<b>IK7YZF</b>	A	10,272	87	18	30	<b>YL7L</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA8RIA</b>	<b>45,087</b>	<b>228</b>	<b>41</b>	<b>92</b>	<b>IS0IGV</b>	<b>A</b>	<b>122,202</b>	<b>390</b>	<b>51</b>	<b>131</b>	
<b>IU2P</b>	<b>21</b>	<b>1,036,316</b>	<b>2550</b>	<b>39</b>	<b>139</b>	<b>YL7M</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA5YJ</b>	<b>25,983</b>	<b>258</b>	<b>35</b>	<b>76</b>	<b>SCOTLAND</b>						
<b>IK5ZTW</b>	A	<b>735,546</b>	<b>2062</b>	<b>36</b>	<b>130</b>	<b>YL7N</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA3TR</b>	<b>5,519</b>	<b>62</b>	<b>24</b>	<b>40</b>	<b>GM3POI</b>	<b>7</b>	<b>96,360</b>	<b>456</b>	<b>22</b>	<b>88</b>	
<b>IR4B</b>	A	632,100	1659	36	139	<b>YL7O</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA7WCA</b>	<b>78,752</b>	<b>350</b>	<b>25</b>	<b>82</b>	<b>GM0FET</b>	<b>A</b>	<b>1,147,928</b>	<b>1504</b>	<b>86</b>	<b>290</b>	
<b>IQ4P</b>	A	625,582	1758	35	132	<b>YL7P</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA2MJA</b>	<b>82,007</b>	<b>338</b>	<b>25</b>	<b>73</b>	<b>GM3BCL</b>	<b>A</b>	<b>227,205</b>	<b>793</b>	<b>62</b>	<b>193</b>	
<b>I6FLD</b>	<b>14</b>	<b>218,313</b>	<b>865</b>	<b>31</b>	<b>96</b>	<b>YL7Q</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA8WG</b>	<b>37,077</b>	<b>238</b>	<b>21</b>	<b>70</b>	<b>MM0BQI</b>	<b>A</b>	<b>123,900</b>	<b>335</b>	<b>51</b>	<b>185</b>	
<b>IZ4DYC</b>	<b>1.8</b>	<b>46,209</b>	<b>652</b>	<b>11</b>	<b>62</b>	<b>YL7R</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA1YE</b>	<b>13,398</b>	<b>125</b>	<b>15</b>	<b>43</b>	<b>GM3YOG</b>	<b>28</b>	<b>28,201</b>	<b>229</b>	<b>17</b>	<b>56</b>	
<b>I40AC</b>	<b>LA</b>	<b>1,719,131</b>	<b>1969</b>	<b>106</b>	<b>373</b>	<b>YL7S</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>*LA7JA</b>	<b>672</b>	<b>25</b>	<b>4</b>	<b>20</b>	<b>(Op: G3YOG)</b>						
<b>*IK60IN</b>	A	614,537	898	77	270	<b>YL7T</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>SP2DKI</b>	115,010	378	54	163	<b>IT9VCE</b>	<b>A</b>	<b>465,120</b>	<b>1085</b>	<b>70</b>	<b>234</b>	
<b>*I28DBJ</b>	A	538,332	1017	86	253	<b>YL7U</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>				<b>SP4AVG</b>	54,782	191	49	109	<b>IT9AJP</b>	<b>A</b>	<b>150,411</b>	<b>405</b>	<b>51</b>	<b>30</b>	
<b>*I22DOA</b>	A	474,120	735	87	273	<b>YL7V</b>	<b>7</b>	<b>149,445</b>	<b>716</b>	<b>32</b>	<b>103</b>															









<b>ICELAND</b>	UR4ZYD	47,422	292	35	96
TF3IRA 1,695,261 3109 76 235	UT4UWC	13,944	150	23	61
<b>IRELAND</b>	<b>GW7X</b>	<b>967,270</b>	<b>1557</b>	<b>83</b>	<b>311</b>
EI7M 9,563,686 6586 153 605					
EI9E 2,518,862 2507 112 451					
<b>ISLE OF MAN</b>	YU7AJM	233,961	527	68	205
GD6IA 6,334,180 5322 123 457	YU1INO	12,960	145	21	60
<b>ITALY</b>	<b>OECEANIA</b>				
IR4T 10,780,497 6069 163 656	<b>AUSTRALIA</b>				
IU2M 3,934,155 3373 132 483	VK6ANC	998,562	1268	87	195
IO4T 3,924,678 3239 131 466	VK4DZ	358,956	735	72	105
IU4U 3,709,332 3027 130 497	VK1MJ	316,710	449	95	175
IQ0N 1,997,196 2391 104 343	<b>EAST MALAYSIA</b>				
IR3P 1,932,991 1951 127 460	9M6TBT	905,993	1507	87	166
IU2R 1,012,320 1892 61 179					
IZ0BEE 690,480 1011 88 332	<b>GUAM</b>	<b>8,600,706</b>	<b>5035</b>	<b>157</b>	<b>461</b>
IQ8D 608,268 1158 86 260	AH2R				
IR3A 521,208 908 87 255					
IK1YLL 401,170 708 94 291	<b>NEW ZEALAND</b>	<b>1,212,727</b>	<b>1550</b>	<b>103</b>	<b>190</b>
	ZL6QH				
<b>LATVIA</b>	<b>PHILIPPINES</b>	<b>265,454</b>	<b>768</b>	<b>56</b>	<b>78</b>
YL7C 2,303,266 2246 126 496	DX1E				
YL1XN 58,819 358 30 90					
<b>LUXEMBOURG</b>	<b>WESTERN SAMOA</b>	<b>1,506,162</b>	<b>1715</b>	<b>122</b>	<b>205</b>
LX5A 8,701,072 5121 153 634	5W0MO				
<b>MACEDONIA</b>	<b>SOUTH AMERICA</b>				
Z39A 4,868,115 4380 134 519	<b>ARGENTINA</b>				
<b>MALTA</b>	LR0N 5,153,464 3762 133 435				
9H0WW 2,125,606 3735 94 333	L80AA 2,296,182 2806 90 232				
<b>MOLDOVA</b>	L4UDRC 1,134,712 1729 89 179				
ER3R 1,934,400 2707 113 383	LU1BJW 1,018,420 1561 74 186				
	LU5EML 820,995 2091 32 115				
	L78H 26,144 167 25 51				
<b>NETHERLANDS</b>	<b>BRAZIL</b>				
PA7MM 8,197,256 4615 156 638	PQ2Q 4,744,042 3703 121 370				
PI4CC 4,646,868 3274 141 546	PV7BZ 4,644,684 3941 105 339				
PI4ZOD 452,488 1033 80 267	PY2AA 4,540,401 3366 128 371				
PA3GDN 446,964 856 70 243	ZY2Y 2,333,825 2670 83 242				
	PT2CM 1,647,780 2329 81 209				
	PY2ZR 396,898 814 55 136				
<b>NORWAY</b>	<b>FERNANDO DE NORONHA</b>	<b>17,996,910</b>	<b>8497</b>	<b>166</b>	<b>619</b>
LA2Z 1,992,150 2399 104 371	ZX0F				
<b>POLAND</b>	<b>FRENCH GUIANA</b>	<b>17,980,494</b>	<b>8589</b>	<b>153</b>	<b>596</b>
SN8V 4,466,406 4004 129 450	FY5KE				
SP5ZCC 2,252,850 2244 117 458	<b>NETHERLANDS ANTILLES</b>	<b>17,008,011</b>	<b>8166</b>	<b>166</b>	<b>587</b>
SP0PZK 1,506,362 1715 110 396	PJ2Z				
SP9PRO 579,852 900 83 268	<b>URUGUAY</b>	<b>587,692</b>	<b>1660</b>	<b>31</b>	<b>108</b>
SP6KFA 196,415 668 52 189	CX5BBR				
SP9PDG 170,030 438 67 178					
SP9KJU 65,208 208 48 102					
<b>PORTUGAL</b>	<b>MULTI-OPERATOR</b>				
CQ7O 5,325,224 4893 128 398	<b>MULTI-TRANSMITTER</b>				
CQ1CV 1,226,508 1858 82 276	<b>NORTH AMERICA</b>				
CQ2T 512,383 1087 77 230	<b>UNITED STATES</b>				
CQ4WIN 73,108 317 35 63	KC1XX 23,653,668 9593 188 776				
<b>SAN MARINO</b>	W3LPL 19,627,648 8197 188 756				
T70A 5,336,396 5216 120 413	K9NS 17,595,136 7886 185 699				
<b>SICILY</b>	N2RM 14,355,198 6460 173 685				
IQ9K 2,403,576 3236 92 307	N4TO 11,584,616 5717 172 652				
IT9FYX 1,555,740 2267 99 331	W4MYA 11,345,644 5289 180 682				
<b>SLOVAK REPUBLIC</b>	W1FJ 10,367,082 4600 173 664				
OM8A 11,055,402 6414 160 641	W2AX 9,426,780 4750 161 598				
OM7M 7,675,529 4433 167 654	W4KZ 9,389,820 4876 173 647				
OM3A 7,567,314 4709 162 604	W3PP 9,308,000 4543 163 637				
<b>SPAIN</b>	K1RX 9,275,788 4503 164 632				
EA1EEY 6,931,386 4587 142 551	W6KK 9,237,194 4816 178 600				
ED1BD 3,057,413 3402 109 324	K1TTT 8,809,115 4405 169 636				
EA1BAP 2,902,784 2989 102 362	KB1H 7,951,116 3814 163 631				
EA1COZ 2,533,056 2605 116 358	N4RV 7,825,572 3882 161 586				
EA5FKX 2,515,484 2633 122 441	N6RO 7,277,718 4468 175 544				
EA4RKU 1,333,446 1762 92 284	K3NM 7,039,139 4172 150 553				
ED1CL 1,256,427 1745 89 322	K2RD 6,870,815 3270 158 605				
EA1BP 1,127,784 1715 81 282	KV1W 6,014,464 3276 151 540				
EA1AYU 549,858 1065 79 280	W8ZA 5,835,904 3250 155 563				
EA1FCI 495,924 974 73 216	AA1K/3 4,714,812 2398 156 576				
ED2WWW 460,692 1090 50 151	K3ANS 4,706,080 2792 150 520				
EA1FCR 425,750 822 71 254	K3II 4,674,728 2735 142 487				
EA7UR 371,520 893 64 206	W2CG 4,470,004 2626 142 489				
EA4TD 256,641 582 56 175	NY6DX/1 2,471,031 1617 132 461				
EA2BNU 198,492 452 61 177	K6IDX 2,131,282 1344 144 442				
ED4URJ 98,658 439 47 156	W3GNQ 2,121,336 1635 129 423				
<b>SWEDEN</b>	K3DI 2,096,640 1433 130 430				
SK3W 9,057,510 5239 163 607	KT0R 1,991,314 1482 125 426				
SL2ZA 776,488 1094 91 313	AK3Z 957,348 949 101 292				
SK0CC 736,980 1142 101 325	KC1F 826,400 749 95 305				
SK6NL 367,136 801 72 236	W5OK 517,890 718 77 228				
SK2TP 274,089 827 51 160	K6NO 354,654 483 83 223				
SK7J 257,382 580 64 173	<b>ALASKA</b>	<b>21,485,088</b>	<b>12445</b>	<b>171</b>	<b>558</b>
SK2GJ 11,050 75 26 39	KL7Y 15,222,240 9778 149 511				
<b>SWITZERLAND</b>	<b>ANGUILLA</b>	<b>44,332,785</b>	<b>19214</b>	<b>185</b>	<b>760</b>
HB9H 5,771,480 3781 145 570	VP2E				
HB9OK 2,201,112 2760 97 359	<b>ANTIGUA</b>	<b>30,364,887</b>	<b>15313</b>	<b>177</b>	<b>684</b>
<b>UKRAINE</b>	<b>BARBADOS</b>	<b>4,482,618</b>	<b>4128</b>	<b>106</b>	<b>368</b>
UU7J 7,420,005 5299 171 666	8P4B				
UR4PWC 206,114 563 64 193					

<b>CANADA</b>	<b>VE3DC</b>	13,687,652	9515	153	485
	VE9US	5,400,045	3601	146	505
	VE5RI	4,386,160	3737	111	392
	VE7SCC	3,777,136	3646	130	354
		1,340,648	1549	107	305
<b>COSTA RICA</b>	TI8/K4QFF	363,545	774	73	162
<b>GRENADA</b>	J3A	13,842,225	9193	147	528
<b>JAMAICA</b>	6Y6L	6,878,022	7138	129	374
<b>TURKS &amp; CAICOS ISLANDS</b>	VP5T	11,741,280	8185	138	472
<b>AFRICA</b>	<b>AFRICAN ITALY</b>	<b>50,060,759</b>	<b>18980</b>	<b>186</b>	<b>773</b>
	IG9A	46,562,581	17724	177	746
	IH9P				
<b>CHAGOS ISLANDS</b>	VQ9IO	4,278,185	3197	127	358
<b>ASIA</b>	<b>BHUTAN</b>	<b>3,646,879</b>	<b>3231</b>	<b>135</b>	<b>388</b>
	A50A				
<b>JAPAN</b>	JA3YBK	13,786,320	7111	172	572
	JA5BJC	11,454,498	6273	167	530
	JA1YPA	7,553,772	4821	158	478
	JA7YRR	6,334,237	4544	160	451
	JA6ZPR	3,124,786	3131	125	302
<b>EUROPE</b>	<b>BELGIUM</b>	<b>19,597,131</b>	<b>11466</b>	<b>181</b>	<b>728</b>
	OT1A				
<b>BULGARIA</b>	LZ9W	6,121,876	4917	155	584
<b>CZECH REPUBLIC</b>	OL7W	7,271,880	5405	151	619
	OL5T	3,305,625	3620	135	510
<b>DENMARK</b>	XP1AB	14,924,286	10354	139	459
<b>ESTONIA</b>	ES9C	15,182,700	9467	181	703
<b>EUROPEAN RUSSIA</b>	RU1A	20,099,454	11523	191	751
	RK3DWH	373,472	561	93	259
<b>FINLAND</b>	OH2U	19,883,163	10702	184	749
<b>GERMANY</b>	DF0HQ	19,858,774	11137	190	759
	DL2ARD	6,295,077	4243	145	568
	DH4JQ	4,369,626	4073	129	537
<b>HUNGARY</b>	HG6N	15,546,030	10024	165	670
<b>KALININGRAD</b>	RW2F	21,717,810	12288	194	748
<b>LIECHTENSTEIN</b>	HB0/HB9AON	7,329,168	6510	131	530
<b>LITHUANIA</b>	LY7A	11,746,047	8499	166	655
<b>NETHERLANDS</b>	PI4COM	10,825,905	7334	157	650
<b>POLAND</b>	SP3KFH	2,766,960	2459	134	406
	SP7PGK	1,220,120	1260	107	410
	SP9KDA	283,754	859	77	260
<b>SARDINIA</b>	IS0A	950,880	1858	84	336
<b>SCOTLAND</b>	GM2T	4,276,044	4523	114	434
	GM0B	3,405,285	3384	123	462
<b>SHETLANDS</b>	GZ7V	8,492,334	5826	152	601
<b>SPAIN</b>	EA4URE	8,003,755	7067	152	603
	ED7VG	2,027,634	2374	109	374
<b>SWEDEN</b>	SK6D	1,050,248	1965	88	336
<b>UKRAINE</b>	UT0AZA	2,165,760	3307	106	374
	UX8IXX	272,240	1709	91	324
<b>YUGOSLAVIA</b>	YZ7W	2,605,394	3136	117	425



Eduardo, CU2AF, put the AZores on the map.

<b>OCEANIA</b>	DJ3VC	DL1EJG	DL2RVD	DL4JU	DL5JMN	DL5KVV	DL5NA	DL6UCD	DL7VMM	DL7VRG	DL8AKA	DM3XI	EA1CBX	EA2ABQ	EA3BCP	EA3BUM	EA3BSE	EA5AOM	EA5BX	EA5FST	EA5QB	EA7CP	EA8AM	EA8BMH	EA9BO	J41YM	(Op: OK1YM)	JW7FD	K9HY	KC7YWE	KF0U	KM5TY	KO3Q	LA2IR	LA5YW	LA7FJA	LA9NM	LA9TJA	LU6QI	LY2HN	LZ1CW	LZ4JU	NL-7390	OG5JTI	OH2PR	OK2PBG	PA0RBO	PA0UKC	PA5TT	PP5GN	PY2AE	PY2ASS	PY3CEJ	PY3LUK	PY5IP	RA3MB	RA4CTR	RA9AC	RA9KM	RK0QWT	RK3BA	RN3ZZ	RN4LP	RU3AA	SM0CMH	SM3MHD	SM5CLE	SM6BSK	SM7BHM	SP2IU	SP2QCH	SP3BVA	SP3CUG	SP3LAU	SP3MEP	SP4IGV	SP6FIB	SP6GTN	SP6RGE	SP8JMA	SP9CIV	SP9HJ	SP9MCU	SQ5EBM	SQ6ADP	SQ8JLA	SQ8JMZ	SQ9BOP	SQ9ZM	T97C	TF3VS	UA0QNU	UA0QNV	UA0ZC	UA3DEE	UA3MOC	UA6EYF	UA9JMS	UR5AKU	UT1EO	UT5JAP	UT
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