

Results of the 2005 CQ WW DX SSB Contest

BY BOB COX,* K3EST

Expanded CQ WW Contest Results on the Web

A few additional elements of our contest reporting are on the CQ website, including **Station Operators** of Multi-Op stations and **Zone Leaders/Single Op**. In addition, there is expanded **QRM** on the web.

To view these additional and expanded elements of the 2005 CQ WW SSB results, go to <http://www.cq-amateur-radio.com/cqwwhome.html>, then click on "Expanded Results, 2005 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, 2005 CQ WW SSB."

In 2005 the CQ WW DX SSB Contest occurred about as late as you can get and still be in October. The second to third week of October usually has some of the best conditions of the year, but solar activity was predicted not to cooperate for the 2005 contest. However, this did not stop a record number (4430) of SSB operators from entering the world's largest international radio event. Days before the CQ WW you could hear stations from around the world getting ready for the competition. With solar conditions on the decline, contestants of all ages from every corner of the world turned on their radios and were surprised when the bands sprang to life. Once again, the CQ WW made its own propagation.

The CQ WW is a fantastic competition, but it is also much more than that. It is a celebration of ham radio skill and effort. Over the years thousands of hams throughout the world have received their first ham radio thrill in the CQ WW. Many new and experienced hams who try the CQ WW become addicted. If you want to know *exactly* how long it is until the next CQ WW SSB test, check out the website of OT5A: <http://www.on7lr.org>. It has a countdown to the second!

Below is a summary of the results of the 2005 contest. Read on to see how you and your friends ended up. Everyone who operated the CQ WW last year was a winner.

High Power All Band

A few years ago it would have difficult to think that a station from a two-point area would win for the world. Not only has it happened several times, but Tom, W2SC, has done it again. Place a great operator in an ideal QTH and anything is possible. Tom traveled down to 8P to activate 8P1A. After he finished, his score stood on top of the world! It is not an easy task to win from a two-point area. Tom showed that with more QSOs it can be done. Finishing in second place was perennial top finisher John, P40W (W2GD), and third place went to Scott, W4PA, who operated from VY2PA. All three

operators exemplify the ideal contestant, exhibiting motivation and detailed planning. The top three positions in Europe went to three stations located more or less at its corners. Breaking the 6-million point barrier is a real accomplishment and the first and second place finishers did just that. First place in Europe was Tonno, ES5TV. Conditions seemed to favor his location, plus he put his operating skills and super station to their best use (<http://www.lhv.ee/images/files/es5tv.htm>). Second position was taken by Steve, GW4BLE, and third place went to Tine, S50A, with his FB station in the countryside near Ljubjana.

In the U.S. Dave, KM3T, drove over to the K5ZD/1 QTH and proceeded to take top honors. Ken, K4ZW, located in Virginia near Washington, D.C., took position #2 (<http://pvr.org/k4zw/>), and the third spot went to Alex, LZ4AX, operating the Penn State contest station, K3CR. Special mention should be made

of Steve, N2IC/5, the highest scoring U.S. entrant from the far west.

Again three Canadian stations made the World Top 10 box: VY2PA, VE2IM, and VC3O. The continental winners were: North America 8P1A, Africa ZD8Z, Asia UP0L, Europe ES5TV, Oceania AH7C, South America P40W, Japan JH4UYB, and U.S. K5ZD/1.

Low Power All Band

The various low power categories have by far the greatest number of participants. To win any low power category really is an achievement. The top three world positions were from three different continents. It means that at least three continents had a chance to finish near the top.

Taking the #1 position in the world was John, KK9A, operating from Aruba as P40A (<http://www.qrz.com/p40a>). Second place went to Mike as FG/K9NW, who keeps moving towards the top slot, and third went to CT7T operated by CT1CJJ, Filipe, who finished as #1 in Europe. The number two 100 watts or less entrant in Europe was Kresimir, 9A5K. The number three scorer in Europe was LY9A operated by LY3BA, Gediminas. Here in the U.S., Ed, N1UR, who reprised his win from last year, was the winner in the barefoot category. Taking second place was Ann, WA1S (<http://home.tiac.net/~wa1s/>), who is always on the move to a DX location when she is not operating from home. Third place went to John, N1PGA.

The continental winners were: North America FG/K9NW, Africa CN8SG, Asia 7Z1SJ,



Tonno, ES5TV's QTH in Estonia.

*e-mail: k3est@cqww.com



The world champion Multi-Multi team, CT3YA.



Ken, K4ZW, #2 USA Single Op, All Band.



PX5E operated by Sergio, PP5JR.

Europe CT7T, Oceania VK2KPP, South America P40A, Japan JF2QNM, and U.S. N1UR.

QRP

QRP in the CQ WW is a great way to have fun and increase your DXCC totals. There are so many stations active in the contest from rare locations that with a little patience a QRP station make a lot of Qs. The CQ WW offers a challenge to all entrants, especially QRPer.

Gerard, F5BEG, was able to work more stations than any other QRPer—almost 1000 QSOs! Only 5400 points behind was John, KO1H, with the #1 score in North America. Third place in the world went to another contender from New England, Chris, KA1LMR (<http://hometown.aol.com/ka1lmlrusa/myhomepage/index.html>). Third place in the U.S. was taken again by Anthony, K8ZT, in Ohio. The #2 score in Europe came from Simone, IK5RUN, and third place was Juergen, DF1DX. Special mention is made of the top QRP Asia score of JR4DAH. He is a long way from any population center. Working contesters with 5 watts is exciting and may bring back long-forgotten contest skills.

The continental winners were: North America KO1H, Africa EA8IK, Asia JR4DAH, Europe F5BEG, Oceania YB5AQB, South America LU1VK, Japan JR4DAH, and U.S. KO1H.

Assisted

The Assisted category offers a way for DXers and contesters to contribute to their clubs' score. Remember, 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. Remember, too, when a single op receives QSO/multiplier spotting assistance from any source, in any form, he or she is operating in the Assisted category.

A hard-fought battle took place for the world top position. Winning by a million points was Christian, F6HLC, operating FM5BH (<http://www.fm5bh.com/>). He was followed by Wanderley, PY2MNL, at ZX2B, who took second place. RG9A (UA9AM), Yuri, was #3 world and

#1 Asia. In the U.S. first place went to Ray, W2RE (<http://www.hamsonline.net/w2re>). Second place went to Noah, K2NG, operating from central New Jersey, while third place went to John, K1AR. In Europe, the #1 spot was taken by Philippe, LX2AJ, at LX71 (<http://www.qslnet.de/member/lx2aj/>). Farther east, in second place was Paul, RK4FD. Manfred, DJ5MW, put the new German club call DR0W to good use by taking third place Europe (<http://www.dj5mw.de/>).

The continental winners were: North America FM5BH, Africa EA8/DL5AAX, Asia RG9A, Europe LX71, Oceania ZL1ANH, South America ZX2B, Japan JF2SKV, U.S. W2RE.

Multi-Single

Multi-Op Single Transmitter is the popular, and therefore the most competitive, of the three multi categories. It takes months of planning coupled with assembling a team of operators. Each year many contesters band together and travel to compete in this category.

In 2005 a real battle occurred in Multi-Single. Two zone 9 stations went at it, and after the dust settled the world winner was FY5KE (<http://www.fy5ke.org/>). This international team from Kourou took full advantage of their location. In second place was the four-man team from Austria and Germany, PJ4W. Located on a mountain in central Bonaire made their take-off angle FB. Taking third place in the world and #1 in Europe was OM8A (<http://www.qsl.net/om8a/>). Second place went to the Irish and English team of EI7M. You can see their station at <http://www.lral.lv/exped/ei7m/index.html>. Third place in Europe went to 9A1P (<http://www.9A1P.com/>).

A battle took place in the U.S. for top MS honors. The winner was Tom's K8AZ station. K8AZ is located in northeast Ohio and has a seasoned crew. Second place went to K3EST/4 operating from the all-wire station of KT3Y. Trees hold up everything! Third place went to Chuck's station, K0RF, out in Colorado. That three-man crew rocked! A special mention of AH2R must be made, too. For many

years this Japanese team has put zone 27 in many logs.

The continental winners were: North America J7DM, Africa IG9R, Asia 9K2HN, Europe OM8A, Oceania AH2R, South America FY7KE, Japan JA7YAA, USA K8AZ.

Multi-Two

Every year the Multi-Op Two Transmitter category continues to grow in popularity. Having two transmitters on the air for 48 hours requires a real strategy. You have to have both good operators and stamina if you want to try for the top spot.

The Rhein-Ruhr DX Association put together a team and travelled to the Madeira Islands to put CT9L on the air. They took top prize in this difficult category. About a half hour from the Canadian Niagara Falls is the super station of John, VE3EJ. His crew took full claim to the world #2 position, quite a fantastic job from a two-point area. Third place went to the Caribbean Contesting Consortium, PJ2T (<http://www.pj2t.org>). Once again the station with the highest score in Europe was IR4X (ne IQ4A), located on a mountain overlooking the plains of central Italy (<http://www.ari-bo.it/iq4a.htm>). Second place again went to 9A7A (<http://www.qsl.net/9a7a>) located in beautiful Croatia, and third went to RU1A (<http://ru1a.ru/eng/>).

In the U.S., Frankford Radio Club's N3RS team decided to try for top honors and they took it (<http://n3rs.com>)! Second place went to K3NA/1. Eric's team located in Massachusetts is a team to watch out for in the future. Third place in the U.S. went to K11G. A special mention must be made of the fine effort of K5NA to finish U.S. high west of zone 5.

The continental winners were: North America VE3EJ, Africa CT9L, Asia EK0B, Europe

Take Control of Your Transmit and Receive Audio!

Instantly Switch Transmit and Receive Audio Among Multiple Radios

NCS-3203

Improve Your Contest Scores!

NCS-3230



"ALL AT THE PUSH OF A BUTTON"



NCS-3240

Visit our web site for more detailed info

NCS-3240 Multi-Switcher

Switch 4 Audio Sources Between 4 Radios
Switch Seamlessly Between Voice, CW and Digital Modes
Matches Any Mic or Audio Source to Any Radio
Switches External Speakers or Headset to Selected Radio

\$299.95

NCS-3203 Multi-Rx II

Monitor Up to 4 Radios simultaneously
Provides Selected & Unselected Audio to Separate Speakers
Separate Volume Controls for Selected & Unselected Audio
Automatic Control Using the NCS-3240 or Use Standalone

\$249.95

NCS-3230 Multi-Rx

Control Receive Audio of up to 6 Radios
Manual or VOX Recorder Control
Busy Lights for each Radio
Normal & Spatial Listening Modes

\$349.95

Change Your Contest Experience - Relax, Cut the Confusion. Improve Your Scores



New Communications Solutions, LLC

Toll Free Tel: (888) 883-5788

www.ncsradio.com Email: ncsradio@ncsradio.com

EUROPE TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
ES5TV	433/12/61	501/23/76	882/29/92	2322/38/124	895/34/109	309/19/56
GW4BLE	120/8/48	599/14/75	806/20/84	1691/31/102	1464/30/87	128/16/34
S50A	128/9/49	385/16/60	1068/28/98	1048/33/101	1079/32/99	159/21/46
M6T	163/8/52	452/13/70	667/22/84	1385/32/100	1087/35/103	144/17/42
EA4KR	58/6/39	396/15/77	362/19/76	1044/32/103	1305/31/103	233/14/48
DJ4PT	184/12/50	435/18/67	502/23/77	958/33/85	841/34/91	74/13/42
LB8IB	407/10/58	812/17/75	475/24/87	997/30/97	904/32/92	36/9/32
QZ7X	323/9/47	654/15/63	163/18/63	1387/33/102	877/29/82	21/7/12
US5D	116/5/36	401/11/54	239/16/62	1067/29/91	925/35/103	131/15/36
IR4T	79/6/40	287/17/72	671/26/88	174/21/47	777/36/114	178/16/41

EUROPE MULTI-OPERATOR SINGLE TRANSMITTER

OM8A	257/10/60	570/25/94	1185/34/129	1559/37/148	1653/38/143	289/26/83
E17M	377/11/55	984/18/84	677/22/101	2177/34/120	1876/35/121	186/19/58
9A1P	140/12/62	663/20/81	1043/34/124	1511/36/129	1408/39/135	146/25/73
OM7M	269/12/64	645/24/86	930/37/129	1428/38/140	1136/38/146	170/25/82
G5W	222/9/59	653/18/85	778/27/108	1775/36/137	1407/35/127	58/18/58
OK5W	172/10/57	738/23/89	1093/35/129	1101/36/143	1144/37/124	163/27/82

EUROPE MULTI-OPERATOR TWO TRANSMITTER

IR4X	94/11/58	1264/29/101	1635/34/125	1937/38/146	2188/38/150	427/27/93
9A7A	629/9/60	1479/22/95	1664/33/123	2281/37/141	1703/38/141	396/25/82
RU1A	402/12/58	934/26/98	1806/35/122	2383/38/135	1861/38/145	403/24/82
HG6N	497/12/59	1014/19/81	1121/33/127	1652/37/132	1937/39/144	263/20/64
DQ4W	200/8/50	1057/20/89	1124/32/113	1249/36/130	1592/38/142	279/25/73
LY7Z	464/10/55	845/20/78	882/33/117	2070/37/127	1227/38/118	250/20/50

EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

DF0CG	917/15/70	1825/27/108	2253/35/134	2566/38/143	1703/38/148	413/27/88
OT5A	858/13/64	1492/21/90	2601/33/127	2474/38/145	1362/38/127	609/25/92
DQ0Q	957/11/64	1565/25/93	2604/36/137	2381/38/156	1467/38/144	431/28/94
RW2F	1121/18/81	1500/22/90	2124/34/134	2223/37/143	1631/38/142	419/25/88
LZ9W	684/10/66	1189/25/94	1856/31/121	2732/38/145	2206/37/140	625/27/96
MD4K	945/12/67	1509/18/89	2314/31/120	2062/34/130	1519/36/134	595/17/80

Records

On the CQWW.com web page there are the all-time records for each continent and every country for every mode. Check out your country or call area. Trying to best an existing record or your prior year's score is a worthy goal.

Congratulations to the following stations who set new world and continental records.

World: 7 CN2R (W7EJ), L3.7 TA3D, L1.8 YM0T (TA2RC), Q1.8 KP4KE, A3.7 SP8BRQ, A1.8 ON4WW.

Africa: 7 CN2R (W7EJ), L3.7 7X0RY, A21 EA8URL (EC8AUA).

Asia: 7 UA9AYA (UA9BA), L3.7 TA3D, L1.8 YM0T (TA2RC).

Europe: 3.7 SM0W (SM0WKA), 1.8 OZ1DD, L7 T94DO, A3.7 SP8BRQ, A1.8 ON4WW.

Japan: Q3.7 JE1LFX.

USA: L1.8 K9RO, Q1.8 K3BU, A7 N4CC, A1.8 W2MF.

North America: L1.8 VE3MGY, Q1.8 KP4KE, A7 N4CC.

Oceania: 14 KH7X, A21 KG6DX, A14 9M6DXX, A7 AH6RF.

South America: A7 PX8C(PY8AZT).

Special Mention

The CQ WW is famous for encouraging contesters to put on their travel shoes and go to a DX location for the contest. Every year hundreds of contesters travel to exotic locations. Thank you to the many DXpeditions and the efforts of hundreds of contesters who made the contest experience more interesting for all of us. Here are some calls you probably worked: VP2EAX, VP2EWX, VP2ECM, 8P1A, V31MQ, VY2PA, J3/SP9PT, J3/SP9BQJ, FG/K9NW, HQ9R, V47KP, V49A, FS/AH8DX, VP5KE, VP5DX, IH9P, ZD8Z, EA8AH, EA8EA, D44TD, CN2R, ST2T, 5H3EE, T6X, A47RS, OH0JFP, CU2A, CU2B, CU2/OH2PM, CU2/OH1VR, T96Q, SV9/OH4FR, J48NL, J48PL, J43J, IS0/WH0Q, IS0/K7QB, VK9XD, VK9XG, 9M8YY, 9M6/G3OKK, KH6/N0CO, KH6/ W0CN, P40W, P49Y, P40A, VP9I, FM5BH, EA8/DL5AXX, TF/N0HJZ, LX/ON4ACA, YB0/ HA2VR, ZL3TE, J7DM, V47NS, FS/AA4V, IG9R, 9G5A, 3V8SF, TI8M, OH0Z, J49Z, GD6IA, GJ2A, AH2R, PJ4W, FY5KE, V31MD, T15N, CT9L, 3V5A, 8Q7EA, SX5P, PJ2T, V26B, J3A, 6Y2Z, VP5T, WP2Z, CT3YA, MD4K, HB0/HB9AON, IS0/DL3EW. Check out the full results for many more exotic call signs.

Once again there were many intra-country competitions. Two ops or more try their best to see who will come out on top. By looking careful-

TROPHY WINNERS AND DONORS

SINGLE OPERATOR

World All Band
8P1A (Opr. Tom Georgens, W2SC)
 Donor: Dave Rosen, K2GM
 WA2RAU and W2SKE Memorial

World Low Power
P40A (Opr. John Bayne, KK9A)
 Donor: Slovenian Contest Club

World QRP
Gerard Gendron, F5BEG
 Donor: Jeff Steinman, N5TJ

World Assisted
FM5BH (Opr. Christian Pidancier, F6HLC)
 Donor: CQ magazine

U.S.A.
K5ZD/1 (Opr. Dave Pascoe, KM3T)
 Donor: Potomac Valley R.C. – KC8C Memorial

U.S.A Low Power
Edward Sawyer, N1UR
 Donor: North Coast Contesters

U.S.A. Zone 3
Mitch Mason, K7RL
 Donor: Dave Pruett, K8CC & Greg Surma, K8GL

U.S.A. Zone 4
Mike Wetzel, W9RE
 Donor: Dave Pruett, K8CC & Greg Surma, K8GL

Canada
VY2PA (Opr. Scott Robbins, W4PA)
 Donor: Niagara Frontier Int'l DX Assoc.
 VE3WT Memorial

Caribbean/C.A.
Jose Hector Garcia M., XE2K
 Donor: Alex M. Kasevich, VP2MM

Europe
Tonno Vahk, ES5TV
 Donor: Potomac Valley R.C. – W4BVV Memorial

Europe Low Power
CT7T (Opr. Jose Manuel Farto Lopes, CT1CJJ)
 Donor: Scott Jones, N3RA & Tim Duffy, K3LR

Russia
Igor Burykh, UA3QDX
 Donor: Roman Thomas, RZ3AA

Africa
ZD8Z (Opr. James Neiger, N6TJ)
 Donor: Gordon Marshall, W6RR

Asia
UP\$5L (Opr. Vladimir Vinichenko, UN9LW)
 Donor: 2 AM Dayton Pizza Gang

Japan
Masaki Masa Okano, JH4UYB
 Donor: Tack Kumagai, JE1CKA

Japan Low Power
Takeda Hideto, JF2QNM
 Donor: Western Washington DX Club

Oceania
Tetsuo Tanaka, AH7C
 Donor: Northern California DX Club

South America
P40W (Opr. John Crovelli, W2GD)
 Donor: Yankee Clipper Contest Club

SINGLE OPERATOR, SINGLE BAND
World – 28 MHz
Juan Manuel Morandi, LU1HF
 Donor: Joel Chalmers, KG6DX

World – 21 MHz
PX5E (Opr. Sergio Almeida, PP5JR)
 Donor: Robert Naumann, N5NJ

World – 14 MHz
D44TD (Opr. Alberto Annesi, IV3TAN)
 Donor: North Jersey DX Assn. – K2HLB Memorial

World – 7 MHz
CN2R (Opr. James Sullivan, W7EJ)
 Donor: Fred Laun, K3ZO – K7ZZ Memorial

World – 3.7 MHz
Mauri Leppala, EA8/OH4NL
 Donor: Fred Capossela, K6SSS

World – 1.8 MHz
Jens Rohme, OZ1DD
 Donor: Robert Wruble, W7GG

USA – 28 MHz
Charles Dietz, W5PR
 Donor: Donald Thomas, N6DT

USA – 21 MHz
Neal Sulmeyer, K4EA
 Donor: WorldRadio

USA – 14 MHz
Daniel Handa, W7WA
 Donor: Southern California DX Club

USA – 7 MHz
Bill Kollenbaum, K4XS
 Donor: Stanley Cohen, W8QDQ

USA – 3.7 MHz
James Eppright, K5RX
 Donor: Alex Jozsa, KG1E

USA – 1.8 MHz
Bill Tippett II, W4ZV
 Donor: CQ magazine

Carib./C.A. (21 MHz)
VP5DX (James Iori, NU4Y)
 Donor: Nate Moreschi, N4YDU

Europe – 28 MHz
Zdravko "Emil" Balen, 9A9A
 Donor: CQ magazine

Europe – 21 MHz
T96Q (Opr. Slobodan Kojic, YZ1AU)
 Donor: Tine Brajnik, S50A

Europe – 14 MHz
Veijo Kontas, OH6KN
 Donor: CQ magazine

Europe – 7 MHz
Jiri Sanda, OK1RI
 Donor: John Warren, NT5C

Europe – 3.7 MHz
Teemu Korhonen, SM0W
 Donor: Ted Demopoulos, KT1V

Europe – 1.8 MHz
Dragan Djordjevic, YT6Y*
 Donor: Robert Kasca, S53R

Oceania (14 MHz)
KH7X (Opr. Mike Gibson, KH6ND)
 Donor: Bruce D. Lee, KD6WWW

Asia – 14 MHz
Vakhtang Mumladze, 4L8A
 Donor: Al Teimurazov, 4L5A – JA4FWM Memorial

Japan – 21 MHz
Ooshika Tarou, JI2UNR
 Donor: DX Family Foundation

Japan – 14 MHz
Akira Minagawa, JA0JHA
 Donor: Take Yokoyama, JL1BLW

MULTI-OPERATOR, SINGLE TRANSMITTER
World
FY5YE (Oprs: F1HAR, F5HRY, F5LND, F5MZN, F6FGZ, I4UFH)
 Donor: So. Calif. DX Club – W6AM Memorial

U.S.A.
K8AZ (Oprs: K8AZ, K8BL, K8MR, N8AA, ND8L, W8CAR, W8KIC, WB8K, WT8C)
 Donor: Carolina DX Association

Carib./C.A.
J7DM (Oprs: AD4J, K2DM, K3ZM, W4GKA)
 Donor: Eric Scace, K3NA

Africa
IG9R (Oprs: IK8HCG, IZ8DFO, IZ8FBU, IV3OWC, IV3JVJ, IV3TDM)
 Donor: Tikiriki Contest Club – IH9P

Asia

9K2HN (Oprs: 9K2HN, 9K2YM, 9K2RR, 9K2ID, 9K2CQ, 9K2HS)
 Donor: Edward L. Campbell, NT4TT
 AA6BB and KA6V Memorial

Japan
JA7YAA (Oprs: JI5RPT, JE7HLZ, JG7PSJ, JO7DJT, JH0NZN)
 Donor: CQ magazine

Europe
OM8A (Oprs: OM2KW, OM2VL, OM3BH, OM3GI, OM3LA, OM3NA, OM3RG, OM3RM)
 Donor: Bob Cox, K3EST

Oceania
AH2R (Oprs: JI3ERV/NH2C, JR7OMD/WI3O, JE8KKX/AH2K, JO1DFG/KH2XC, KH2JH7QXJ)
 Donor: Junichi Tanaka, JH4RHF

South America
PJ4W (Oprs: DK1MM, OE2GEN, OE2VEL, OE9MON)*
 Donor: Victor Burns, KI6M –
 The Cuba Libre Contest Club

MULTI-OPERATOR, TWO TRANSMITTERS

World
CT9L (Oprs: DL1YD, DL1QW, DL1YFF, DL8OBQ, DK3DM, DK5QN, DF8AE, DB7QJ, DJ8OG, DJ6QT, SV8CS, IK2QEI)
 Donor: CQ magazine

U.S.A.
N3RS (Oprs: N3NA, N3RD, N3RS, W8FJ, WA3LRO, K9RS, N2SR)
 Donor: Kimo Chun, KH7U
 Dan Robbins, KL7Y Memorial

Europe
IR4X (Oprs: I4TJE, I4VEQ, I4EAT, I4AVG, I4IND, I4IKW, IK4EWW, IK4DCT, IZ4BOY, IZ3EYZ, IK2NCJ)
 Donor: Aki Nagi, JA5DQH

Oceania
VK6ANC (Oprs: VK6NU, VK6XH, VK6ZN, VK6ZAA, VK6ANC)
 Donor: Japan CQ Ham Radio

MULTI-OPERATOR, MULTI-TRANSMITTER

World
CT3YA (Oprs: CT3BD, CT3DL, CT3DZ, CT3EE, CT3EN, CT3HK, CT3IA, CT3IQ, CT3KU, CT3KY, CT1BOH, CT1BOP, CT1DIZ, CT4NH, W6NV, N6MJ, P43E, OH2KI)
 Donor: Dave, W6NL and Barb, K6BL Leeson

U.S.A.
K3LR (Oprs: K3LR, N2NC, K5GO, W9ZRX, K8GL, W2RQ, W8JV, N2NT, N9RV, K3UA, N5DX, N3SD, N3GJ, VE2DWA)
 Donor: CQ magazine

Europe
DF0CG (Oprs: DB6JG, DF3KV, DG3FK, DH1NFL, DH5HV, DJ7EO, DK6WL, DL1EJA, DL1MGB, DL2AA, DL2YL, DL3DXX, DL5SDK, DL6FBL, DL6LAU, DO1ET, DO2WW)
 Donor: Finnish Amateur Radio League

Japan
JA3YBK (Oprs: JG3KIV, JI3OPA, JO3LDN, JP3PZD, JH3PRR, JH4NMT, JR4ISF, JF4FUF)
 Donor: Ryoza Goto, JH3JYS

CONTEST EXPEDITIONS
World Single Operator
Michael Tessmer, FG/K9NW
 Donor: National Capitol DX Assn.
 Stuart Meyer, W2GHK Memorial

World Multi-Single
J49Z (Oprs: IZWIJ, IK8UND, IZ4DPV))
 Donor: Gail Schieber, K2RED

World Multi-Multi
6Y2Z (Oprs: AB6BH, K5OT, K6AM, K6JL, K6MC, N5ZO, N6AA, N6VI, N6ZZ, W6XD)
 Donor: Tachio Yuasa, JA9VDA

**Second place*

ly at the results, you can see many such competitions. Noticed the three XE teams in the Team Contesting category. What a great way to increase activity in a rare zone. A very special thanks is due to the team of HBØ/HB9AON (DJ2YE and crew). Over the years they have provided the rare HBØ multiplier to thousands of contesters.

Comments

As the opening comments indicated, the 2005 CQ WW SSB was a case where the contest makes the conditions. We received about 4430 SSB contest logs, of which about 4200 were electronic! Thanks to all the contesters around the world who sent in a log. *Please send in your log no matter how small.*

Your submission of an electronic log allows for a fairer adjudication process. Submitting an electronic log is easy. Send your SSB log to <ssb@cqww.com> (CW logs go to <cw@cqww.com>). Please send your log in Cabrillo format. If you did everything OK, you will get back an acknowledgment. If there was something wrong, you will get a message telling you what to do to correct the error. You can then resubmit your log to the same above addresses. The messages are presented in numerous languages. If you don't see your language and you would be willing to help out by translating for your fellow countrymen, or for any inquiry, please send a message to <questions@cqww.com> for more information.

Each year everyone who submitted an electronic log receives a UBN report of how their log was judged. You can learn more about the UBN report by going to the CQWW.com website and scrolling down to the end, where it is explained. The CQ WW Contest Committee provides many ways for an entrant to check his/her log for category, club, operator, and score accuracy. Long before the final results are published, a logs-received list with your category and your UBN list is posted on the CQ WW site. Look over these lists to find out if your information is accurate.

Thanks to the input from numerous entrants a few systemic errors were found and corrected. All these efforts help to make the results as accurate as possible. We enter the contest to have fun, meet friends, perhaps work some new ones, and compete fairly. You can see information concerning the CQ WW on the web at: <<http://www.cqww.com>>.

Packet and other help. If you plan to try to make the Top Scores box, you can count on your log being carefully scrutinized. The CQ WW CC is looking to confirm that you are really in the category you claim and that your score entry is true. In a perfect world we would not have to spend this extra effort to check potential problem logs; however, some entrants feel they must win even if it means not following the rules. Just as in other aspects of life, cheating will not be tolerated. The use of undeclared packet, the use of additional operators for a single operator entry, two signals at the same time on the same band or on separate bands at the same time if you are single operator, all are in violation of the CQ WW rules. The CQ WW has at its disposal years of data, category averages for packet and non-packet scores, statistical aids to verify winners, URL tracing, packet clusters, and reverse log time/band checking (the stations an entrant works can be electronically queried for frequencies and times; therefore an entrant's log without frequencies is not nec-

essary to discover a violation of the rules) are just some of the tools we have available. In addition, we frequently confer with excellent operators in the SO2R and other categories to help confirm what is possible.

Several problems have arisen through the use of packet. If you are a single operator in **any** single operator category, you **cannot receive help in any way from another person or any DX spotting network**. Every year we receive reports of someone allegedly having another operator spot or work QSOs for him, or the unclaimed use of packet. This is cheating, and we will crack down on such cases. The use of packet to self-spot is against the rules, and anyone trying to hide the fact that he is doing it by using other call signs is obvious to the CQ WW CC. There is nothing wrong with coming across a station and spotting it, but self-spotting is against the rules.

The clever use of packet to add multipliers to your score will not be tolerated. If you do this, you will be **disqualified**. A fair competition means that everyone follows the same written rules. There is no problem with using a DX spotting network: **just submit your entry as Assisted**.

Thanks

Every year the CQ WW Contest Committee devotes a great deal of effort to make the results as complete and accurate as possible. Creating the line scores is just the final product. Thanks to the committee, entrant log submission problems, incomplete logs, forgotten band changes

not in log, incorrect call indicated for the contest, and a myriad of other subtle problems are sorted out behind the scenes. Using an armatorium of log-checking tools and data sources, the CQ WW Contest Committee has done its best to certify the winners. The members of the committee who provided insight into many contesting topics are: K1DG, K3WW, K3ZO, KR2Q, N2AA, N2NC, N3ED, N6ZZ, N9RV, W3ZZ, K1AR, KM3T, KT3Y, N5TJ, W5OV, N5KO, K6AW, N6ZZ, N6AA, and N8BJQ. The DX advisors who offered advice and sorted out potential problems are: CT1BOH, EA3DU, F6BEE, G3SXW, I2UIY, JE1CKA, OH2KI, OH2MM, PY5EG, S50A, UA9BA, VA7RR, VE3EJ, RA3AUU, and E21EIC. A special thanks to Dick, N6AA, and Larry, N6TW, 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. Additional software provided by WT4I was used. The CQ WW records are maintained by John, N2NC, and K3EST. Phil, N6ZZ, put in lots of hours beta testing the call sign database and UBN reports. Thanks as always to John, K1AR, and Tim, K3LR, for their advice.

Congratulations to all the winners and entrants! CU in the '06 test!

73, Bob, K3EST

DX QRM

Logging all those Caribbean mults is easy, I always thought. Not located in their main direction, it's been a tricky game from East Africa (15m low power) . . . 5H3EE. Thanks to Langkah Syabas Beach Resort

(Continued on page 101)

www.steppir.com



SteppIRs. A great choice
for Peter I and home!

"We added four SteppIR 2el yagis to our antenna arsenal for several reasons. First, the ability to cover 5 bands with one antenna, greatly simplified our planning and antenna erection under difficult circumstances. We were on the air quickly! Second, we had NA and EU roughly in one direction and with a simple throw of a switch the antennas would switch 180 degrees and we would beam Japan. That way, it was not necessary to go outside in the bad weather and manually rotate the antenna. Lastly, they performed just as advertised and stood up to wind, ice, sleet and snow. They are a great choice for Peter I and home!" **Bob, K4UEE, 3Y0X DXpedition co-leader**

SteppIR

Antenna Systems

We couldn't have said it better ourselves!
Get a SteppIR and hear the difference.

SteppIR Antennas
23831 SE Tiger Mtn. Rd, Issaquah, WA 98027
Call Toll Free 866-STEPPIR (866-783-7747)



VK9XD (op. VK2CZ) Single Op All Band from Christmas Island.

phone? With my wife sleeping next to the radio I had to resort to a PC voice keyer. The next day my mic PTT switch died, so the pre-recorded computer messages helped not give up . . . **HA5X**. We run 100 watts limited power in Multi Single class and we have new Thai HF hams join with us in contest. A lot of fun! Thanks to all for QSOs . . . **HS0AR (E21E1C)**. Fine experience with IC8C special call. Lot of hams and activity on 80 meters. Hope to meet all of them next year too . . . **IC8C**. It was my first effort in LP category in phone mode. I must say that it is quite "harder" than CW with LP, which I like very much. I lost some multipliers because I could not get through the pile-ups. I used two beams (4-el OWA and 3-el tribander) and I think it helped to me in the pile-ups as well with 100w. Generally the contest was very nice, especially thanks to excellent propagation on 15. Thanks to all for QSOs and CU in CW! . . . **IH9P**. For me is the first time. I'm very happy . . . **IW2MWZ**.

Not good propagation . . . **IZ1DGG**. Propagation hurt, and high winds and rough sea did the rest! Our best ever low bands' beach setup was almost completely ruined on Saturday afternoon! Radials thrown away by the sea waves, one 40 mt vertical brought down by the sea, 160m vertical blown out when hit by sea waves, what more? Ah, Mr. Murphy, no, we didn't see him around. CU next one! . . . **J49Z (Bob, I2WJ, on behalf of the team)**. As expected, high band propagation was not very good. Still, we had fairly good runs on 15m on Sunday toward Europe (around 06Z) and toward North America (around 22Z) . . . **JM1LPN**. Can't wait to get out of the bottom of this cycle . . . **KH6FI**. No propagation on second day . . . **KL7RA**. Gearing up and going full tilt and having lightning . . . **KP4US**. First effort from Sardinia . . . **LS0/WH0Q**. Excellent conditions! And many many mults! Congratulations! . . . **LU8VCC**. Nice test, but who closed the door to JA? . . . **LV5V**. First attempt at CQ WW DX. Limited station and only two full-time operators made it fun but hard work. Need to develop better antennas and bigger tower for next year. See you in 2006 with a special contest call . . . **M5ARC**. Very, very hard work this year. Nearly gave up on a number of occasions. I'm pleased that I didn't. Such a great contest . . . **MW5HOC**. My special thanks to Eduardo, CU2AF/CU2T and Pedro, CU2JX. Their great help made this operation possible! It was a real sign of a true ham spirit. Thanks to everybody who called me. I had a great fun . . . **OH1VR**. This was a "one-man-show." I brought the whole stn to Crete Island by car. That meant 5 days to go down, 2 days to set up the stn, 2 days contest, 1 day removal, and another 5 days back (yes, I also had 3 weeks sunny vacation in-between). Condx were not as bad as I feared with the sunspot number near zero. Thanks to everybody who called me. I had great fun in the pile-up! . . . **OH4FR**. Condx not too good. 10m almost dead and no opening til West Coast USA/Canada on 15. But I did better than my own Danish record from 1978, 3,186,303 points . . . **OZ7X**. The display burned out on both transceivers, my microphone boom broke, and the pre-amp power supply burned up. Even with these inconveniences, it was a very fun contest! . . . **P40A**. We participated in the contest just for fun and education. We had fun and we learned a lot, so we got the goal! . . . **PI4ZOD**.

Propagation was very poor in our Arctic region. Tnx to many ops for attention! . . . **RK9XWW**. Double L and inverted V with ICOM 746, 100W. Some problems with setting antennas, but we managed to fix it all before the test (we finished setting the antennas in the dark). Location Mount Slivnica, 1114m asl S50L location. Tnx to S55Z, S59MA, and S56WKC for the support. The score is higher as was expected, but lack of experience made me miss some DX = mult . . . **S59CDE (S550)**. Spent the weekend hiding in the basement shack. My little daughter thought I was away at work, hihi. Not the best condx from Sweden. Nice anyway. We will be on next year . . . **SM6RXZ**. This was my first contest with my new first license call. I am 16 years old. My father, SP4Z, said it is the biggest contest all over the world. See you again . . . **SQ4LH**. This was my first contest from a DX location. It's quite different to be on the other end of the pile-up. It's thrilling to be called by a weak station, and to find that he's a rare double-multiplier . . . **V31MQ**. Thanks to Karl Sage, V44NK, who helped set up the

antennas; operated from the Golden Rock Estates Hotel on Nevis Island. Mike and Bain last did a contest together while in high school in Cleveland, Ohio in 1960, some 45 years ago! . . . **V47NS**. I'm a new ham and was first contest. Had fun and really enjoyed it. Looking forward to more . . . **VA3TPS**. Even at the bottom of the cycle this contest always delivers. It is the best of the best! . . . **VC6R**. Loads of fun. Strangest occurrence when I tried in vain to break a pile-up for SV3 and then moments later I get called by an SV9. Go figure . . . **VE3JAQ**. Limited operating time but still had fun. Hard to compete with 100W and a vertical! . . . **VE3TMT**. Did better the second time around. Tnx for getting me interested in contesting . . . **VE3VMP**. This was Joe's (VE6JSL) first contest and I think he is hooked! My 2004 certificate arrived just before the contest began and I think it was a great motivation for both of us to do well. Low bands were disappointing at this QTH after 0700Z Saturday, particularly 160. Better luck next year . . . **VE6ZC**.

All the ops except VE7FO are members of the Vector Club's basic license class and are working towards getting their first ticket. This was the first time any of them had ever made a ham radio contact. The idea was to give them some hands-on experience to help the classroom stuff come alive. It's such a great experience to watch the first nervous Q being made followed by a few less nervous ones, and somewhere around Q #5, the cheat sheet is no longer required . . . **VE7FO**. 10m just didn't get a chance to fire. 15m was certainly worth the effort and the new 5-element mono certainly proved its value. Now planning for next year begins! . . . **VK4CXZ**. Had good time but few contacts . . . **VK5UE**. This was a real mixture of disappointment (with initial condx and my own tactical errors), frustration (with extreme crowding and one important, flaky beam), excitement (called by VP6DB), and learning (how to do SO2R better). My score is way down, but it was still fun . . . **VO1AU**. Very good conditions. The best ever personal score in this contest. Was fun all time. Tnx for all the calls . . . **XE2K**. First activation of Koh Tas Island. Complete portable on generator. Antenna Spiderbeam for 20, 15, 17, delta loop, longwire from Yaesu FT-857D . . . **XU7TAS**. This is the greatest contest! It is hard to join the contest this year. We have fasting days, no food, no drink, so hungry and thirsty, but again contesting is fun! See you in next contest! . . . **YB2ECG**. My first attempt on 160m ever! Thanks all guys over Atlantic Ocean for patience, because on this side I had no beverages. It is good to be back in ham radio after 6 years . . . **YT6Y**. Antenna problems, electricity supply problems, wife left me on Friday, thank goodness she returned on Sunday (visiting parents!). Most enjoyable time . . . **ZS4BS**.

USA QRM

My first contest in 48 years as a ham. Had a great time. Already planning for next year! . . . **K0IZ**. Good opening to Asia on Sunday night. Was working a few JAs, and after I worked another station he gave his call as B1Z. Almost fell off my chair when I realized I just worked the China station without any trouble! . . . **K2MFY**. Thanks for the QSOs . . . **K3TW**. First contest in 30 years since old RTTY contests with "machines." Had a good time, but lots to learn . . . **K3WC**. Whew! I'm ready for the sunspot cycle to come back . . . **K5LAD**. Not many Asia/Pacific stations heard as expected. Some nice openings to Europe but wish they would have been longer. Where were all the Asia mults? . . . **K7ACZ**. Hope K1TTT is happy with my Q's . . . I got his dupes! . . . **K9TTT**.

Band conditions didn't start off too well. SD logger makes contesting a lot of fun . . . **KA1C**. I only wish I had more time to work more stations. Thirteen contacts isn't very many at all, but maybe by filing my log it might help confirm someone else's scores . . . **KA6GDT**. This is the first time I did single band (80m). Didn't do as well this year; same equipment and antennas when compared to last year's results. But I have learned value of RX antennas . . . **KB0FHP**. Only got a few hours in but hope it helps when added to the club score . . . **KB1LAX**. This is the third year with a Field Day type of operation. We bring all equipment up to Zone 2. Even with the low band conditions, everyone had a great time. Vertical antennas, including a home-built one for 160 meters, performed great . . . **KD3TB**. Great to be back on the air, even with a G5RV in the trees! 10m opening was a nice surprise . . . **KU4V**. Exciting contest as usual, but sadly my last log for the CQ WW. After 50 years at this QTH, we are moving to a retirement apartment without towers or beam antennas. Goodbye my friends from November One Alpha Uniform. I have enjoyed contesting with you immensely! . . . **N1AU**. Conditions were a lot rougher this year but still had fun. Sure wish more EU would listen up for USA on 40m. Where was the Pacific? Always amazing when you break a double mult pile-up on first call with 100w . . . **N1UR**. Finally worked JT on 40 SSB for last zone for 40m SSB WAZ. Thanks JT1JA! Casual contest fun as usual, mostly S&P for me . . . **N4CC**. If we're gonna get beat in 4-land, it might as well be by CQ WW Director K3EST. Nice work, Bob and Phil, KT3Y! Our best low band scores. Sure miss 10 meters . . . **W4WS**. Bands seemed to be in good shape. Great opening into Asia Saturday night on 20 meters . . . **W4WTB**. Using Telnet was a lot of fun. Did not operate enough during the wee hours to work the normal number of JA's. Getting too old for operating more than 40 hours. The CQ WW test is a "must" operate event. Glad to have make this event one more time! . . . **W7GG**. Honey dews = 1; contest = 0 . . . **W7KB**. Our first group effort, more for fun than glory. Great conditions using modern and ancient equipment . . . **W9DEW**. Excellent conditions. Boy I hate to think what the bedlam is going to be again when conditions get better . . . **W9IGJ**. As our crew became more familiar with multi-single, and with operating as a team, the more fun we had! This was great in spite of poor conditions . . . **WA7LT**. More good stuff to work than I've heard for years . . . **WB0HCH**. We are training new contest operators and having a great time . . . **WX7P**.

Table of amateur radio call signs and power levels for various countries including Lithuania, Malta, Portugal, Romania, and Slovakia. Columns include call sign, power, and frequency. Includes country names like LITHUANIA, MALTA, PORTUGAL, ROMANIA, SLOVAK REPUBLIC, and NORWAY.

LUIFC LUIVWB LUBXW LU4DLU LU4DU	582,200 470,448 309,600 265,994 246,432	1189 994 795 575 708	62 58 54 59 51	138 118 126 120 85	
BRAZIL					
ZY7C PW2C PO7Q PY2TEL PY2RDS	5,494,326 2,242,570 748,995 270,478 221,728	3857 2162 1070 1061 608	119 103 79 27 55	415 304 220 76 109	
CHILE					
CE6TC	1,255,600	1745	96	196	
FRENCH GUIANA					
FY5KE	19,055,673	8183	167	652	
NETHERLANDS ANTILLES					
PJ4W	12,645,826	7167	141	485	
PARAGUAY					
ZP8VAO ZP0R	680,586 633,422	1297 1355	62 64	139 147	
SOUTH SHETLAND ISLANDS					
R1ANF	287,310	712	47	110	
MULTI-OPERATOR TWO TRANSMITTER NORTH AMERICA UNITED STATES					
K3NA/1 K1G K0TV/1	7,986,663 7,395,500 4,075,428	4134 3969 2659	149 142 131	568 558 457	
N3RS WE3C K3DI NE3MD	10,158,016 6,756,390 1,784,108 233,766	5148 3653 1390 391	157 580 118 61	595 580 384 182	
W4RM NE4AA	4,026,330 705,692	2970 787	118 81	421 250	
A45NT K5PTC	2,219,805 1,978,149	1820 1773	140 126	427 417	
K6KM W6YX	1,560,148 1,016,400	1771 1041	115 110	273 275	
NK7U K7ZSD	3,747,786 2,609,336	3087 2210	140 133	403 355	
WC8VOA	90,459	279	58	149	
N9AKR N9K1 W9DEW	473,088 168,454 26,624	550 351 123	88 85 33	248 245 71	
KD7E N0UNL	1,316,412 35,728	1371 129	109 37	350 79	
BELIZE					
V31MD	2,750,782	3555	100	282	
CANADA					
VE3EJ VE3RM VE1JF VE7SV VE3SY VE6FI VE2/KD3TB VE3DC VE6ZC	16,493,120 8,002,500 5,162,448 4,785,720 2,425,136 2,183,000 1,337,103 240,316 35,712	8547 5266 4384 116 2071 2969 2141 487 243	162 133 408 328 110 108 82 70 38	634 492 608 328 362 262 245 222 58	
COSTA RICA					
T15N	4,767,616	5160	117	359	
AFRICA MADEIRA ISLANDS					
CT9L	18,787,200	8995	154	606	
TUNISIA					
3V5A	14,896,200	8597	138	522	
ASIA ARMENIA					
EK0B	7,574,044	5660	103	424	
ASIATIC RUSSIA					
UA0AZA	5,464,752	4027	138	491	
CHINA					
B1Z B7P	2,867,431 1,861,828	3670 3100	124 127	297 285	
HONG KONG					
VR2MX	1,720,232	2537	117	287	
KOREA					
DT0HF	108,837	475	43	96	
MALDIVE ISLANDS					
807EA	1,332,090	1629	85	257	
TAIWAN					
BV0J BV50CRA	1,443,204 236,603	2433 917	119 64	259 159	
EUROPE CROATIA					
9A7A	11,800,646	8152	164	642	
DODECANESE					
SX5P	3,373,284	4538	120	444	
ENGLAND					
M8C G6M G4UJS	3,274,475 2,768,480 2,143,845	3881 3178 2187	113 111 98	464 409 397	
EUROPEAN RUSSIA					
RU1A	10,766,559	7789	173	640	
FINLAND					
OH4A	3,956,154	3888	134	457	
GERMANY					
DQ4W DL0GS DR5Z DR5N DL0KC DP5Z DA3A	7,925,148 5,197,632 3,786,948 2,570,386 2,520,540 404,345 226,476	5501 3979 3359 2957 2578 846 626	159 159 132 112 120 77 48	597 577 525 375 450 258 195	
HUNGARY					
HG6N	8,787,519	6484	160	607	
ITALY					
IR4X IO6TH	13,734,300 14,784	7545 119	177 28	673 68	
LITHUANIA					
LY7Z	7,592,400	5738	158	545	
NETHERLANDS					
PI4CC PI4FRG PI6QZI	2,807,480 520,938 183,533	3175 1564 778	115 68 36	405 229 121	
POLAND					
SQ6Z	5,724,675	4750	142	533	
ROMANIA					
YP3A	2,860,480	3422	120	440	
SCOTLAND					
GM2T	2,528,326	3454	95	359	
SPAIN					
EA4TD	492,136	1349	59	212	
SWEDEN					
SK2T	877,725	1415	90	333	
SWITZERLAND					
HB9H	3,102,130	3957	122	429	
OCEANIA AUSTRALIA					
VK6ANT	297,275	539	79	156	
SOUTH AMERICA BRAZIL					
PS2T	12,487,515	7208	152	521	
NETHERLANDS ANTILLES					
PJ2T	15,085,936	8723	143	486	
PARAGUAY					
ZP5MAL	2,700,594	3124	101	250	
URUGUAY					
CV5D	1,611,071	2261	94	249	
MULTI-OPERATOR MULTI-TRANSMITTER NORTH AMERICA UNITED STATES					
K3LR KC1XX W3LPL K1TTT NO4I K1RX N3AD W3PP KB1H W2AX W4MYA K5NA K3II N3CA W0AH1/9 W8ZA W2YC N4CW/1 K6IDX WN6K AB0SD	16,283,848 14,482,410 12,884,120 9,757,348 7,606,080 6,453,523 5,901,552 5,341,632 4,807,045 4,494,784 4,491,628 4,373,418 3,076,150 2,664,951 2,523,000 1,939,000 1,325,610 659,190 428,002 419,696 17,010	7920 6673 6294 5276 4668 3826 3676 3294 2861 2753 2847 3172 1994 1987 2008 1690 1062 701 484 618 145	172 172 171 150 163 153 149 151 143 140 142 153 131 138 144 119 113 80 100 83 28	640 646 670 574 557 544 535 512 512 510 498 464 461 454 381 402 285 246 189 53	
ANTIGUA					
V26B	17,865,770	11238	156	533	
CANADA					
VE5RI VE7FO	1,277,507 25,608	1694 136	101 40	252 57	
GRENADA					
J3A	9,470,264	7382	130	438	
JAMAICA					
6Y2Z	18,564,588	12839	143	501	
PUERTO RICO					
WP4BL	122,112	418	46	98	
TURKS & CAICOS ISLANDS					
VP5T	5,499,000	5394	114	354	
U.S. VIRGIN ISLANDS					
WP2Z	11,035,976	8292	139	460	
AFRICA CHAGOS ISLANDS					
VQ9X	2,132,324	2076	96	286	
MADEIRA ISLANDS					
CT3YA	28,261,325	11827	178	699	
ASIA JAPAN					
JA3YBK JA5BJC JA7YRR	7,666,216 7,357,320 5,247,320	4633 4546 4055	157 157 143	495 485 377	
EUROPE BELGIUM					
OT5A	13,053,528	9396	168	645	

TOP SCORES IN MOST ACTIVE ZONES			
Zone 3	AA1K/34,112,913	II4A1,586,200	
K7RL2,511,519	W3BGN3,257,436	*9A2EU.....1,572,974	
K6NA1,853,728	VO1AU2,758,896	SN8F1,469,232	
K5RR/71,198,120	NN3W2,704,683		
W6PH1,036,940	K3ZO2,579,927		
W7WA848,350	N8II2,520,258	Zone 16	
K6XX847,540	N2LT2,377,892	US5D2,720,374	
K4XU/7798,206		UA3QDX1,983,276	
K7ZZ795,544		UA3TCJ1,740,464	
VE7IG659,921		*UA4FER1,643,880	
W7VJ650,770		UY5ZZ1,501,948	
		*RV3FF1,379,460	
Zone 4		RU6FA1,345,894	
VC3O5,794,200		RN3ZC1,190,680	
W9RE4,282,720		*RU3QW1,129,051	
WB9Z3,523,377		EU1PA864,852	
N2IC/53,335,815			
VE3KZ2,309,960		Zone 25	
VE3XN2,043,700		JH4UYB3,454,647	
VA3DX1,564,460		JR1AIB1,813,448	
N5AU1,182,162		JA7NVF1,502,228	
K9BGL1,156,021		JO1WKO874,152	
*N5AW1,030,680		JA0JHA871,815	
		JS3CTQ617,933	
		JA1TMG484,692	
		J12UNR473,478	
Zone 5		JE4VVM447,161	
VY2PA8,602,286		*JF2QNM445,410	
K5ZD/15,553,841			
K3CR4,445,930			

BULGARIA	LZ9W	12,467,430	9292	168	662
ESTONIA	ES1A	1,472,625	2012	110	415
EUROPEAN RUSSIA	RK6YZ	372,999	916	82	299
GERMANY	DF0CG DO0Q DO5T	15,337,439 12,921,984 1,854,496	9677 9405 1738	180 176 122	691 688 422
ISLE OF MAN	MD4K	9,628,416	8944	148	620
KALININGRAD	RW2F	12,877,980	9018	174	678
LIECHTENSTEIN	HB0/HB9AON	5,307,196	5635	117	461
LITHUANIA	LY7A	5,786,088	5860	149	558
NETHERLANDS	PA6Z PI4D	3,709,164 2,228,448	4504 3122	124 99	480 402
NORWAY	LN2T	69,864	333	41	123
SARDINIA	IS0/DL3EW IS0A	5,522,307 192,066	5497 706	138 59	541 210
SCOTLAND	GM5A GM0B	8,534,130 5,879,664	6677 5836	147 131	579 483
UKRAINE	UU7J	7,446,558	7108	167	582
OCEANIA PHILIPPINES	DX1DBT	600,546	1245	79	123
SOUTH AMERICA ARGENTINA	LT1F	10,926,902	6932	148	454
VENEZUELA	VY4A	12,446,028	7953	138	468
CHECK LOGS					
4Z5FL 8N1C50A A35RK DG1BC DH5MM DJ1CW DJ6NH DL2KUF DL2RTL DL5DWW DL5MK DL7CX DL8AJX DL9AWI EA2AZ EA3BJM EA3TJ EA4YI EA5GMA EI7YG EO30					
Disqualified: 9A4X – illegal operation in T9; OE4A (OE1EMS) – illegal use of packet spotting in the single operator category					



The T18M Multi-Single team.