



Chris, 9Y4D, placed third in the world on 14 MHz.



Stig, HS0ZGD, placed second in the world low power 14 MHz.



Joe, AA3B, took fifth place Assisted in the U.S.

# Results of the 2008 CQ WW DX SSB Contest

BY BOB COX,\* K3EST

The 2008 CQ WW DX SSB Contest occurred with the solar flux about as low as it can get. Conditions were predicted to be a challenge. To alleviate months of flat solar flux, the suggested solution was "Enter the CQ WW SSB Contest and help cure band conditions." Once again, the CQ WW made its own propagation. As KØIP said, "Wow! Zero sunspots, what a contest." As has been mentioned before, the CQ WW is a fantastic competition which brings out the best in amateur radio: team work, station construction, antenna design, propagation knowledge, and operating skills. Just turn on your radio and you can join in the fun. Once you listen to the bands during the CQ WW, you will be hooked. You can be guaranteed to have a good time.

With solar conditions on the decline, contesters of all ages from every corner of the world turned on their radios and were surprised when the bands sprung to life. The CQ WW is a celebration of ham radio skill and effort. Thousands of hams throughout the world received their first ham radio thrill in the CQ WW. New hams and old who try the CQ WW become addicted. GM2T's comments sum up the wonderful challenge the CQ WW brings to new and experienced operators: "We had three new license holders who had never ever taken part in any contest in their lives before. One of the Foundation license holders, MM3ZTP, age 14 years, took to it like a duck to water and was soon running pile-ups like a seasoned professional. This is what it is all about, seeing the young ones really enjoying the fun. The other two new hams after being initially over-awed soon got themselves into the swing of operating, great to see."

After all the logs were counted, an amazing number emerged: 5021 received entries. Below are presented the results of the efforts of the entrants. If you want to know how long it is until the 2009 CQ WW SSB test check out the website of OT5A: <<http://www.on7lr.org>>. Read on to see how you and your friends ended up. Everyone who operated the 2008 CQ WW was a winner.

## High Power

The top spot in this difficult category went to an operator familiar with winning the CQ WW. Rich, N6KT, put his considerable skill to work talking HC8A to the world high score. HC8A sits on the side of a dormant volcano on San Cristobal Island, and Rich took full advantage of the location and propagation to find the path to top honors. Second place world and the top European score for several years running was Toni, OH2UA, operating from CU2X. Third place went to several-time world winner Tom, W2SC, operating 8P5A from beautiful Barbados. Taking second place in Europe and sixth in the world was Tonno operating from his super station, ES5TV. From Crete, Ben, DL6FBL, took his host's station, SV9CVY, to third place in Europe and seventh in the world. In the U.S., the competition from the northeast was fierce. Randy, K5ZD, did his usual fabulous job and took top honors! What a great operator and score. Krassy, K1LZ, put his considerable skills to work and took U.S. second place. Doug, K1DG, took third place from his Maine island QTH. Other worthy efforts from propagationally challenged areas which should be mentioned were those of DU9DG, VK4CZ, K7RL, N6TJ, KH6LC (N6GQ), and BA4RF.

The continental winners were: North America: 8P5A (W2SC); Africa: 6W1RY (F5VHJ); Asia: 5B4AII (RW3QC); Europe:



Special event station EE9E.

CU2X (OH2UA); Oceania: 9M8Z (9M6DXX); South America: HC8A (N6KT); Japan: JH4UYB; U.S.: K5ZD/1.

## Low Power

The low power category means a transceiver and an antenna. Many people have a transceiver running 100 watts, and anyone can enter the low power category. This means that this category has the most entrants of any CQ WW category. It is a challenge to end up on the top scores list.

John, KK9A, operating as P40A, continues to take home the world high trophy. Operating from beautiful Aruba, John again took away top world low power trophy. Four years in a row is quite an achievement, John! Second place went to Ted, HI3TEJ, using his contest call, HI3T. Third place in the world was KP4KE operated by Barney, DK8ZB. CT8K operated by José, CT1CJJ took first place in Europe. This is the fourth year in a row that José took the plaque. Congratulations, José! Second place Europe went to low power champion Zlatko, 9A2EU. Taking Europe third place was Lorenzo, IZ2FOS, operating from northern

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Italy. In the U.S., we had a repeat winner from 2007, Art, K1BX. Great operating, Art! Second place went to Ed, N1UR, who finishes on or near the top almost every time. Third place U.S. went to Terry, N4TZ/9, from Indiana. SU1KM (N5ZO), 5Z4/RW1AU, V51YJ, ST2NH, BD1ND, AU2RSB, OD5NJ, 7Z1SJ, HSØZHC, UK8AKK, YB1TJ, and DV1JM all had excellent scores from interesting locations.

The continental winners were: North America: HI3T (HI3TEJ); Africa: SU1KM (N5ZO); Asia: HSØZHC; Europe: CT8K (CT1CJJ); Oceania: DV1JM; South America: P40A (KK9A); Japan: JA7LMZ; U.S.: K1BX.

## QRP

The CQ WW offers a contester a very good opportunity to work rare DX which would otherwise prove elusive. The QRP category sharpens your searching skills and the rewards are very satisfying. You can work a lot of stations with 5 watts or less.

Our world winner was Remi, LY8O. He traveled 100 km to his contest station to get away from line noise. Looks like it paid off, Remi. Long-time QRP'er, Doug, KR2Q, took second place world and first place U.S. from northern New Jersey. Third place world and number two Europe was Gerard, F5BEG. Second in the U.S., and repeating as the top score west of New Jersey, was Philip, NØKE. He also finished #9 in the world. Another dedicated QRP'er took third place in the U.S., Randy, NDØC. Third place in Europe went to Milan, OK2BYW. Special mention must be made of the fine score of Izuno-san, JR4DAH, #7 in the world and #1 in Asia. The top zone 3 score was submitted by NN7SS (K6UFO), followed closely by Bill, W8QZA, operating W6QU. JA2DLM, JA2MWV, YB2OK, VK4ATH, and PY2BN are to be congratulated for their outstanding efforts.

The continental winners were: North America: KR2Q; Africa: no entry; Asia: JR4DAH; Europe: LY8O; Oceania: YB2OK; South America: PY2BN; Japan: JR4DAH; U.S.: KR2Q.

## Assisted

Use of a QSO spotting tool places you in the assisted category. The top assisted score in the world went to Philippe, LX7I. Philippe said: "Thanks for all who called me. Before the contest I never had imagined to make this great score." Dreams do come true! Second place world and number one in the U.S. was Dick, NN3W, who asks the questions on all our minds: "Good opening for me on 15 meters. 10 meters, where art thou?" Third place world went to ZX2B, the contest call of PY2MNL. Second place in Europe went to Salvatore, IK8UND, who put TK9R in a lot of logs. Third place in Europe went to Alex, YO9HP, operating his contest call, YR9P. Second place in the U.S. was taken by assisted category aficionado Charles, K3WW. Third place in the U.S. went to Jerry, WB9Z, in Illinois. The efforts of BA7NQ, UP2L, KG6DX, ZM1K (VK2IA), and T8IC (JK2VOC) made everyone happy.

The continental winners were: North America: NN3W; Africa: EC8AFM; Asia: RO9O (RZ9OO); Europe: LX7I; Oceania: KG6DX; South America: ZX2B (PY2MNL); Japan: JQ1BVI; U.S.: NN3W.

## Multi-Single

The multi-single category is very competitive. The category attracts the second largest number of participants in the contest. Getting together with new and old friends for a weekend of never-ending QSOs is what multi-single is all about.

The top three winners from 2007 juggled places in the 2008 competition. Taking first place for two years in a row was the multinational team of CN3A. What a great job they did. Moving up to second place in the world was P33W. A team from the Radio Amateur Club of Kourou, operating as FY5YE on the French Guyana coast, came in third. Multi-single is very competitive within Europe. Doing a fine job and taking the top position was radio club F6KHM using their club call, TM6M. Second place went to the Romagna Contest Team, IR4M. Third place in Europe went to the Salgotarjani Varosi Radio Klub, HG6N. Not enough can be said about the great effort and win in the U.S. by NØNI. The team from Iowa took advantage of the rare propagational opportunity to beat all the East Coast stations and lead the pack from the Midwest. Ray's team at K9RS/3 took second place from eastern Pennsylvania. Third place went to Tom, K8AZ, located in the countryside of northeastern Ohio. W7VJ took top honors from the U.S. West Coast. Outstanding performances were turned in by many teams. Some of the rarer ones appearing in many logs were: 3DAØDJ, XU7MDY, AH2R, VU4MY, VU7SJ,

T32CXX, 9V1YC, A73A, B7P, 9K2HN, HSØAC, and VU2PAI.

The continental winners were: North America: VP5DX; Africa: CN3A; Asia: P33W; Europe: TM6M; Oceania: AH2R; South America: FY5KE; Japan: JA6ZPR; U.S.: NØNI.

## Multi-Two

The multi-two category needs two stations manned nearly all the time and stations have to move skillfully as the propagation changes. Doing this smoothly takes a skilled crew. Reprising their win from 2007 was AO8A. The international group finished #1 in the world from the western Canary Islands. Taking second place in the world was 6Y1V. KY1V was joined by "Young Ham Contest Program Winner IZ7KHR, last year's winner LU9ESD, and three English hams, G3NKC, G4BUO, and G4XUM. This proved to be a great combination; everyone really enjoyed the experience." Third place went to the big DXpedition from the Rhein-Ruhr DX Association, CT9L. First place in Europe went to long-time top finisher, IR4X. The team has been having a good time on a mountaintop in central Italy for a very long time. Second place in Europe went to AM3SSB. Their signal sure was booming into the U.S. Third place in Europe went to the MTTOSZ Gyor Varosi Radio Klub, HG1S. The top two places in the U.S. went to stations from the Frankford Radio Club. Repeating from 2007, WE3C's station in eastern Pennsylvania took the top honors in this popular category. Second place went to Sig's team at N3RS overlooking the Pennsylvania Turnpike. Third place in the U.S. went to Mark's team at K1RX. There were several stations that put rare multipli-

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## TROPHY WINNERS AND DONORS

### SINGLE OPERATOR ALL BAND

**World**  
**HC8A (Opr.: Richard Smith, N6KT)**  
Donor: Southern California DX Club

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

**World QRP**  
**Remigijus Vaicius, LY8O**  
Donor: Jeff Steinman, N5TJ

**World Assisted**  
**Philippe Luty, LX7I**  
Donor: Glenn Johnson, W0GJ

**U.S.A.**  
**Randall Thompson, K5ZD**  
Donor: Potomac Valley R.C. – KC8C Memorial

**U.S.A. Low Power**  
**Arthur Hambleton, K1BX**  
Donor: North Coast Contesters

**U.S.A. QRP**  
**Doug Zwiebel, KR2Q**  
Donor: Pat Collins, N8VW

**U.S.A. Assisted**  
**Richard Di Donna, NN3W**  
Donor: John Rodgers, WE3C

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

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

**Canada**  
**VY2ZM (Opr.: Jeffrey Briggs, K1ZM)**  
Donor: Contest Club Ontario  
VE3WT Memorial

**Caribbean/C.A.**  
**8P5A (Opr.: Thomas Georgens, W2SC)**  
Donor: Alex M. Kasevich, VP2MM

**Europe**  
**CU2X (Opr.: Toni Linden, OH2UA)**  
Donor: Potomac Valley R.C. – W4BVV Memorial

**Europe Low Power**  
**CT8K (Opr.: Jose Manuel Farto Lopes, CT1CJJ)**  
Donor: Scott Jones, N3RA & Tim Duffy, K3LR

**Russia**  
**RK3AXX (Opr.: Willy Umanets, UA9BA)**  
Donor: Roman Thomas, RZ3AA

**Africa**  
**6W1RY (Opr.: Albert Crespo, F5VHJ)**  
Donor: Gordon Marshall, W6RR

**Asia**  
**5B4AI (Opr.: Jack Danielyan, RW3QC)**  
Donor: CQ magazine

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

**Japan Low Power**  
**Fumi Konno, JA7LMZ**  
Donor: Western Washington DX Club

**Oceania**  
**9M8Z (Opr.: Steve Telenius-Lowe, 9M6DXX)**  
Donor: Northern California DX Club

**South America**  
**Tom Oliveira Martins, PY2YU**  
Donor: Yankee Clipper Contest Club

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

**World – 21 MHz**  
**ZX5J (Opr.: Sergio Almeida, PP5JR)**  
Donor: Robert Naumann, W5OV

**World – 14 MHz**  
**VP2E (Opr.: Jeffrey Steinman, N5TJ)**  
Donor: North Jersey DX Assn. – K2HLB Memorial

### World – 7 MHz

**Dusko, Dumanovic, ZL3A**  
Donor: Fred Laun, K3ZO – K7ZZ Memorial

**World – 3.7 MHz**  
**EA8CMX (Opr.: Mauri Leppala, OH2BYS)**  
Donor: Fred Capossela, K6SSS

**World – 1.8 MHz**  
**CN2R (Opr.: James Sullivan, W7EJ)**  
Donor: Robert Wruble, W7GG

**USA – 28 MHz**  
**Courtney Judd, K4WI**  
Donor: Donald Thomas, N6DT

**USA – 21 MHz**  
**Victor Walz, N2PP**  
Donor: 11 PM Dayton Pizza Gang

**USA – 14 MHz**  
**Robert Shohet, KQ2M**  
Donor: Yankee Clipper Contest Club  
KC1F Memorial

**USA – 7 MHz**  
**Paul H Newberry, Jr, N4PN**  
Donor: Stanley Cohen, W8QDQ

**USA – 3.7 MHz**  
**Joseph Gagliardi, Jr, AA1BU**  
Donor: CQ magazine

**USA – 1.8 MHz**  
**Manuel Fonseca, Jr., W2MF**  
Donor: Glenn Johnson, W0GJ

**Carib./C.A. (14 MHz)**  
**Christopher Ellis, 9Y4D**  
Donor: Nate Moreschi, N4YDU

**Europe – 28 MHz**  
**Slaven Galic, E77A**  
Donor: Charles Dietz, W5PR

**Europe – 21 MHz**  
**Nikola Percin, 9A5W**  
Donor: Tine Brajnik, S50A

**Europe – 14 MHz**  
**GI5K (Opr.: Chris Smith, M10LLL)**  
Donor: Charles Wooten, NF4A

**Europe – 7 MHz**  
**YT8A (Opr.: Ceha Dusan-Dule, YU1EA)**  
Donor: John Warren, NT5C

**Europe – 3.7 MHz**  
**Robert Cummings, G10KOW**  
Donor: Ted Demopoulos, KT1V

**Europe – 1.8 MHz**  
**Joseph Cornee, F6CTT**  
Donor: Robert Kasca, S53R

**Oceania (7 MHz)**  
**KH7B (Opr.: Wilbert Kollenbaum, K4XS)\***  
Donor: Bruce D. Lee, KD6WW

**Asia – 14 MHz**  
**9K2K (Opr.: Abdallah Hamad AL-Muzayan, 9K2GS)**  
Donor: Charles Shinn, W7MAP

**Japan – 14 MHz**  
**Hasebe Tatsumi, JA2PAC**  
Donor: Take Yokoyama, JL1BLW

### MULTI-OPERATOR, SINGLE TRANSMITTER

**World**  
**CN3A (Oprs.: IK2SGC, I2W1J, Y03JR, S50A, S50XX, CN8WW)**  
Donor: So. Calif. DX Club – W6AM Memorial

**U.S.A.**  
**N0NI (Oprs.: K0KD, KU1CW, N0AC, N0NI, N0XR, N7AZ, W0FLS, K0WHV)**  
Donor: Carolina DX Association

**Carib./C.A.**  
**VP5DX (Oprs.: N4KE, AB4UF, NU4Y)**  
Donor: Bob Raymond, WA1Z

**Africa**  
**CQ9K (Oprs.: CT3BD, CT3DL, CT3DZ, CT3EE, CT3EN, CT3IA, CT3KU, CT3KY, CT3NT)\***  
Donor: Doc Sayre, W7EW

### Asia

**P33W (Oprs.: 5B8AD, 5B4AIA, RW4WR, RW3RN, RA3AUU, RX3DCX)**  
Donor: Edward L. Campbell, NT4TT  
AA6BB and KA6V Memorial

**Japan**  
**J12ZJS (Oprs.: JA2AXB, JA2JSF, JH2UUV, JG2TSL, JL2TAW, JM2RUU)**  
Donor: Bob Epstein, K8IA

**Europe**  
**TM6M (Oprs.: F1AKK, F4DXW, F5MUX, F5TTU, F8DBF)**  
Donor: Bob Cox, K3EST

**Oceania**  
**AH2R (Oprs.: JI3ERV, NH2C, JR7OMD, JR8VSE, NH2N, JH7QXJ, AH2Q)**  
Donor: Junichi Tanaka, JH4RHF

**South America**  
**FY5YE (Oprs.: F1HAR, F5HRY, F6FGZ, F6FVY, FY5FY)**  
Donor: Victor Burns, K16IM –  
The Cuba Libre Contest Club

### MULTI-OPERATOR, TWO TRANSMITTERS

**World**  
**AO8A (Oprs.: EA8AH, EA8CAC, EA8ZS, ES2RR, ES5RW, OH1MA, OH2JA, OH3RB, OH5XT)**  
Donor: Array Solutions

**U.S.A.**  
**WE3C (Oprs.: WE3C, KQ3V, NN3Q, K3CT, KQ3F, W2GD)**  
Donor: Kimo Chun, KH7U & Mike Gibson, KH6ND  
Dan Robbins, KL7Y Memorial

**Europe**  
**IR4X (Oprs.: I4EAT, I4AVG, I4EWH, I4VEQ, I4TJE, I4IND, I4IKW, IK4DCT, IK4EWK, IZ4BOY, IK2NCJ, IZ3EYZ)**  
Donor: Aki Nagi, JA5DQH

**Oceania**  
**AH0BT (Oprs.: W1FPU, AH0BR, AH0BM)**  
Donor: Japan CQ Ham Radio

### MULTI-OPERATOR, MULTI-TRANSMITTER

**World**  
**K3LR (Oprs.: K3LR, N2NC, N2NL, W3TX, K8GL, W2RQ, K14MTU, K1AR, N6MJ, N3SD, K3UA, DL6LAU, N3GJ, LU7DW, WM2H)**  
Donor: Dave Leeson, W6NL, and Barb Leeson, K6BL

**U.S.A.**  
**W3LPL (Oprs.: W3LPL, K1DQV, N11N, ND3A, WX3B, W3IDT, N3KS, K3MIM, K3MM, K3RA, WR3Z, W3ZZ, KD4D, K4ZA, AC6WI)\***  
Donor: Jim Lawson, W2PV Memorial

**Europe**  
**DF0HQ (Oprs.: DG1ATN, DJ9AO, DL1AUZ, DL20BF, DL20E, DL2SAX, DL3TD, DL5AOJ, DL5AXX, DL5GA, DL5MLO, DL7FER)**  
Donor: Finnish Amateur Radio League

**Japan**  
**JR5VHU (Oprs.: JR5VHU, JM1UWB, JA5FDJ, JA5JCC, JH5FIS, JH5RXS, JR5JQA, JR5PWV, JP6WYS, JK6RIP)**  
Donor: Ryoza Goto, JH3JYS

### CONTEST EXPEDITIONS

**World Single Operator**  
**VU4RG (Opr.: Norbert Meyer, DJ7JC)**  
Donor: National Capitol DX Assn.  
Stuart Meyer, W2GHK Memorial

**World Multi-Single**  
**VU7SJ (Oprs.: DL9GFB, VU2JOS)**  
Donor: Gail Sheehan, K2RED

**World Multi-Multi**  
**VK9DWX (Oprs.: DJ5IW, DJ7EO, DJ9RR, DL1MGB, DL3DXX, DL5LYM, DL8OH, DL8WPX, SP5XVY, ZS6DXB)**  
Donor: CQ magazine

*\*Second place*

ers on the air and made big scores: PZ5Z, ZS9X, B1Z, VR2C, JU1DX, BV0J, and WH2DX. FB job.

The continental winners were: North America: 6Y1V; Africa: AO8A; Asia: 4X0V; Europe: IR4X; Oceania: AH0BT; South America: PJ4E; Japan: JA1YPA, U.S.: WE3C.

### Multi-Multi

Entering the multi-multi category is a real challenge. Months of planning the station

site, gathering together operators, and waiting to see what nature deals you makes for a combination of satisfaction and excitement.

It has been many years since the world's top scores came from the U.S. For the 2008 contest, we could say that the MM competition in the U.S. was really world-class. The number one score in the world and the U.S. was K3LR. Tim's crew broke into first place over friendly rival W3LPL. Frank's team took world and U.S. second-place honors. Third place in the world went to the multi-national

team from HQ3Z. In the U.S., after K3LR and W3LPL, third place went to KC1XX. Matt's station was severely damaged in an ice storm in late 2008. We hope to hear his fine signals again this fall. The German station of DF0HQ once again returned to the first-place position in Europe. Second place went to OT5A and third place went to LZ9W. The Chinese team B4TB made a big effort which allowed many contesters to log a new one. The wonderful effort by VK9DWX from Willis Island was a CQ WW first. The mountaintop

### TOP SCORES

<b>WORLD</b>		<b>14 MHz</b>		<b>14 MHz</b>	
<b>All Band</b>					
HC8A.....	14,140,854	9A3B.....	252,408	HO3Z.....	12,666,672
CU2X.....	11,043,872	YY1MTX.....	165,990	DF0HQ.....	12,510,120
8P5A.....	10,347,090	HP1BYS.....	141,024	KC1XX.....	12,279,496
VY2ZM.....	9,160,112	HP1AVS.....	131,400	YV4A.....	11,824,268
5B4AI.....	8,770,736				
ES5TV.....	6,860,712	<b>14 MHz</b>		<b>14 MHz</b>	
SV9CVY.....	6,784,912	CN4P.....	893,607	K2MFY.....	162,426
VE3EJ.....	6,472,174	HS0ZGD.....	529,936	W4LC.....	130,284
K5ZD/1.....	6,121,516	HC1JQ.....	387,468	WA1FCN/4.....	107,160
M6T.....	5,864,868	VE3XD.....	386,400	W7FP.....	96,432
		YU7ZZ.....	331,100	KZ5OH/4.....	84,637
		HI3CCP.....	313,560	WB2TFM/4.....	76,152
<b>28 MHz</b>		<b>7 MHz</b>		<b>7 MHz</b>	
LU1HF.....	174,960	UK9AA.....	309,894	KI6LZ.....	35,720
PT5T.....	162,519	XE1CO.....	244,200	W2LHL.....	2,475
CX4DX.....	83,187	YI2T.....	178,750	N7WA.....	893
E77A.....	64,390	SO6V.....	147,576	NR8U.....	456
YM2W.....	29,068	RK9AX.....	141,168		
9A5D.....	17,136	IH9N.....	115,128	<b>3.7 MHz</b>	
<b>21 MHz</b>		<b>3.7 MHz</b>		<b>3.7 MHz</b>	
ZX5J.....	1,944,696	OK1WCF.....	130,530	AJ3T.....	29,498
LU20C.....	1,132,812	IV3KFB.....	126,336	K2YEH.....	27,888
9A5W.....	647,640	404A.....	118,146	K2SZ.....	13,237
KH7U.....	620,496	OM3RDX.....	95,190	AI2N.....	1,593
NH6P.....	482,469	7S7V.....	75,768	W6HH/5.....	1,470
JS3CTO.....	396,706	EW8DD.....	70,799		
				<b>1.8 MHz</b>	
<b>14 MHz</b>		<b>1.8 MHz</b>		<b>1.8 MHz</b>	
VP2E.....	2,598,938	SP4XQN.....	52,591	NA4W.....	1,508
CN2B.....	1,952,482	S58P.....	29,673	K8DO.....	1,166
9Y4D.....	1,263,536	ER2RM.....	22,400		
KQ2M/1.....	1,242,150	SP5CJY.....	12,960	<b>QRP</b>	
9K2K.....	1,126,626	TA2RC.....	11,427	<b>All Band</b>	
ZF2AH.....	1,085,616	Y06BZL.....	11,387	KR2Q.....	468,440
				N0KE.....	237,120
<b>7 MHz</b>		<b>QRP</b>		ND0C.....	155,397
ZL3A.....	1,090,098	<b>All Band</b>		KATLMR.....	140,630
YT8A.....	1,030,032	LY8O.....	548,280	K8ZT.....	127,853
KH7B.....	978,540	KR2Q.....	468,440	KB3TS.....	77,006
S57AL.....	912,630	F5BEG.....	462,561	NN7SS.....	69,440
RW9USA.....	805,695	OK2BYW.....	363,216	K8PO/1.....	67,404
JA0JHA.....	512,696	OM7DX.....	320,390	WABWV.....	25,026
		UA6LPY.....	306,636	KT8K.....	10,380
		JR4DAH.....	256,510		
		Y08WW.....	249,980	<b>Assisted</b>	
		N0KE.....	237,120	<b>All Band</b>	
		EA3FF.....	202,275	NN3W.....	5,076,422
				K3WWW.....	3,149,984
<b>3.7 MHz</b>				WB9Z.....	2,895,712
EA8CMX.....	476,652	LX7I.....	7,300,332	N3AD.....	2,594,780
GI0KOW.....	414,392	RC9A.....	5,578,665	AA3B.....	2,241,198
OK1BN.....	272,060	NN3W.....	5,076,422	N4ZC.....	2,024,760
AA1BU.....	216,982	ZX2B.....	4,722,760	K0XK.....	1,778,084
YL3FT.....	204,476	TK9R.....	4,426,830	N2MM.....	1,741,252
KH7X.....	196,840	YR9P.....	4,241,682	W8MJ.....	1,622,684
		DJ4AX.....	3,596,224	W1GD/2.....	1,530,263
		AY4D.....	3,517,792		
		DJ5MW.....	3,402,688	<b>Multi-Operator</b>	
		S53MM.....	3,166,112	<b>Single Transmitter</b>	
				N0NI.....	4,418,250
<b>Low Power</b>				K9RS/3.....	3,735,160
<b>All Band</b>				K8AZ.....	3,730,370
P40A.....	7,318,165			K5TR.....	3,252,120
HI3T.....	3,924,255			N1MM.....	3,141,540
KP4KE.....	3,786,911			K5NA.....	2,999,244
CT8K.....	2,405,340				
J88DR.....	2,244,165			<b>Multi-Operator</b>	
VE3DZ.....	2,109,028			<b>Two Transmitters</b>	
SU1KM.....	1,905,106			WE3C.....	11,075,915
K1BX.....	1,655,738			N3RS.....	7,072,868
VE3NE.....	1,639,760			K1RX.....	5,489,676
9A2EU.....	1,621,550			W4RM.....	4,825,515
				N4T.....	4,597,644
				KBTH.....	3,695,052
<b>28 MHz</b>					
LU2UE.....	53,576			<b>Multi-Operator</b>	
ZV2C.....	43,190			<b>Multi-Transmitter</b>	
PUS0GE.....	36,960			K3LR.....	16,096,850
PU2MTS.....	26,820			W3LPL.....	14,155,764
LT0D.....	24,232			KC1XX.....	12,279,496
VR2Z0Z.....	20,070			NO4I.....	7,229,820
				K3NA/1.....	7,145,644
				K1TTT.....	6,618,708
<b>21 MHz</b>					
HI3K.....	475,904			<b>EUROPE</b>	
PX2T.....	305,448			<b>All Band</b>	
				CU2X.....	11,043,872
				ES5TV.....	6,860,712
				SV9CVY.....	6,784,912
				M6T.....	5,864,868

QTH of JR5VHU showed its muscle by taking first in Japan, edging out the green tea plantation QTH of JA3YBK.

The continental winners were: North America: K3LR; Africa: no entry; Asia: JR5VHU; Europe: DF0HQ; Oceania: VK9DWX; South America: YV4A; Japan: JR5VHU; U.S.: K3LR.

### Team Contesting

Five testers from anywhere can form a team. Register your team before the contest and you have the ticket to enter the team contesting category. A lot of planning goes into the top teams to make potential top scores. Many of the teams band together just to have fun. As you can see below, the teams can be formed with members from anywhere in the world. Besides sending a FAX or mail to CQ, you can submit your team list to <teams@cqww.com>. You will receive an acknowledgement from that site. You probably noticed the three XE teams entered into the team competition category. What a great way to increase activity in a rare zone. Good job! This year the World-Wide Young Contesters Ultimate Lids team took top honors. The results of team contesting are as follows:

- 1. WWYC Team Ultimate Lids:** CU2X (OH2UA), ES5TV, LX71 (LX2A), NN3W, OH8X (OH4JFN): 35,057,283.
- 2. Contest Club Finland –Team Mannerheim:** OA4WW (HP1WW), OG5B (OH5BM), OG6N, TC4X (OH2PM): 6,898,638.
- 3. Carolina DX Association:** AA4S, KI4TZ, KZ2I, N4ZC, N4PQX: 5,966,359.
- 4. KTU RC:** LY1R, LY4T, LY5R, LY6A, LY2OU: 3,319,606
- 5. WWYC Team AYBABTU:** OG50F (OH1NOA), M3PHP, SM6U, EA7OT, G1ZQN (M0TZO): 3,092,157.
- 6. VKCC - 30s:** VK3TZ, VK4CZ, VK4HAM, VK4KW, VK4TI: 1,654,595.
- 7. Grupo DXXE – Full Calories:** XE1BY, XE1NW, XE2S, XE1CQ, XE1CWJ: 1,612,527.
- 8. Mediterraneo Team:** IZ8CCW, IZ8BGY, IZ8IYX, IK8LTB, IZ8FWN: 1,531,844.
- 9. MCC#1:** VA1CHP, VA1MM, VE1DT, VE1OP, VY2LI: 1,529,135.
- 10. The Quebec Baritones:** VE2XAA, VA2WDQ, VA2SG: 941,727.
- 11. WWYC Team IRC:** E21EIC, OQ5M (ON5ZO), LZ4UU: 878,474.
- 12. Reus Radio Contest Group:** EE3Y (EA3EYD), EA3KN, EE3R (EA3OR), EA3NA, EB3EPR: 675,089.
- 13. Grupo DXXE – Low Calories 1:** XE1AY, XE1CT, XE1GRR, XE1MM, XE1YJS: 613,767.
- 14. Louisiana Contest Club Team #1:** K5ER, KA5M, N5HMH: 565,583
- 15. Grupo DXXE – Low Calories 2:** XE1YYD, XE1ZVO, XE2AUB, XE3N, N6AN: 158,347.

### Records

Beating an existing record is a real accomplishment. Take a look at the record list at CQWW.com. You might find that you have a chance to take on the personal challenge of going for a new record. If you discover an error in the record list, please document it and let us know at <questions@cqww.com>. Below are the outstanding efforts of super operators which resulted in setting

new world or continental SSB records during the 2008 contest. Congratulations!

**World:** A7 9Y4W; A3.7 OM2VL. **U.S.:** 14 KQ2M/1; A7 N2ZK. **North America:** 14 VP2E (N5TJ). **Africa:** A7 IG9R (IK8HCG). **Asia:** Q7 4X/UU2JM; A1.8 VR2DS. **Japan:** Q3.7 JF2MBF. **Europe:** A CU2X (OH2UA); 7 YT8A, 1.8 F6CTT; A7 TM7R (F5FLN); A3.7 OM2VL. **Oceania:** None. **South America:** A7 9Y4W.

### Special Mention

With the small rigs available today, you can place a transceiver in a carry-on, put some aluminum tubing in a golf bag, jump on a

plane, and within a few hours be operating from a DX location. The CQ WW is famous for hams going on DXpeditions. If you travel to an island, you will be surprised how the "island effect" will enhance your signal strength. Once your antenna sees salt water, you suddenly have a natural amplifier. Some of the exotic callsigns appearing in entrant's logs making the contest more interesting for all of us were: 3DA0DJ, 3V8BB, 4X0C, 4X0V, 5B4AI, 5Z4/RW1AU, 6V7M, 6W1RY, 6Y1V, 8P5A, 9K2HN, 9M8YY, 9M8Z, A73A, AH0BT, AH2R, AO8A, 78 Chinese testers(!), C6APR, CN2B, CN2R, CN3A, CN4P, CQ9K, CT/LZ3ND, CT1JLZ, CT9L, CU2X, D80Y, DL/N0HJZ,

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<p><b>Smallest in the World</b> Dimensions: W 11.02" X H 5.51" X D 12.60" Weight: 44lbs (41.8 lbs typ.)</p> <p><b>Wide Frequency Coverage</b> 1.8 MHz to 50 MHz including WARC bands.</p> <p><b>Automatic Antenna Tuner Built-in</b> Capable of programmable switching of 4 antennas (SO 239) Up to two antennas for the same band Bands, Antennas, Tuning conditions are changed in 10 msec.</p>	<p><b>Fully Automatic</b> Easy connection with all models for immediate management of the bands, tuner and antennas: ICOM, YAESU, KENWOOD, TEN-TEC, FlexRadio, ELECRAFT</p> <p><b>Full Solid State</b> 1 KW pep SSB out; 900 W pep CW out (typ) 700 W pep out (typ) on 50 MHz. FULL / HALF power selected according to the operator SSB/CW power requirement, for digital modes and for linear protection. No heating time, immediately ready!</p>
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## Antenna Gear



<p><b>Solid Aluminum Saddles</b> Fits tubing with outer diameter of: 1.75", 2.00" and 2.25" (coming soon 2.5", 2.75" and 3") Over 2200lbs of holding force per saddle. No changing hole pattern, all saddles are interchangeable. Includes all stainless hardware and set screw. (which adds 40lbs of holding force) <b>Price \$13.95 per saddle kit</b></p>	<p><b>Double Braided Dacron Rope</b> Two sizes: 1/8" rated for 420lbs, 3/16" rated for 770lbs. Made of polyester polymer. Known for its strong resistance to stretching. Orders of 1000' increments call for special pricing <b>Price \$.09 per ft for 1/8"</b> <b>\$.11 per ft for 3/16"</b></p>
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**WWW.STEPIR.COM** TEL: (425)-453-1910 FAX: (425)-462-4415



John, W9ILY, on 21 MHz low power.



Gabi, YO8WW, #1 QRP Zone 20.



David, WA8WV, QRP from West Virginia.

E77J, E77XZ, EA6/AA5UK, EA6/DK5IR, EA8/EA4SV, EA8CMX, ED8D, EI/ON4EI, FG5KC, FY5KE, G/SP4BHD, G5W, GZ0F, HB0/HB9AON, HC8A, HQ2W, HQ3Z, HQ9R, HS0AC, HT2N, IG9R, IG9S, IH9N, IK/DJ1AA, IM0/IK0FMB, IS0/K7QB, IS0\$A, IS0C, IS0T, J37T, J42T, J43J, J88DR, KH6LC, KP2M, LA2AB, M7A, MW0X, MW9W, NH0DX, OA4WW, OE/DJ1AA, OH0E, OX2A, P33W, P40A, PJ2/OH2YY, PJ2T, PJ4/N0VD, PJ4E, PZ5Z, SU1KM, SU9HP, SV9CVY, SX5P, T32CXX, T88AC, T88YB, T8IC, TA2/DL7BC, TC4X, TC7KA, T11R, T15N, TK9R, TO4X, TO5DX, TO8Z, V26B, V31MX, V47JA, V48M, V6B, VK9DWP, VP2E, VP2EC, VP2V/K9NW, VP2V/SP7VC, VP5DX, VP5T, VP9/K3IRV, VR2EH, VU4MY, VU4RG, VU7SJ, WH2D, WH2DX, XU7ADU, YM2W, YV4A, ZA0/IK7JWX, ZK2DF, and ZM1K.

effort to submit an electronic log allows for a fairer adjudication process. Submitting an electronic log is easy. Send your SSB log to <ssb@cqww.com> (CW to <cw@cqww.com>). Please send your log in Cabrillo format. If you have the capability with your logging program please submit a log with exact frequencies. Exact frequencies help in the log-checking process and help with statistical analysis of band openings.

Before you submit your log, you can help us a great deal by double-checking your Cabrillo submission. Please make sure the category you have chosen is correctly indicated. If you are submitting a single-band entry, please check to see your chosen entry matches what is in your log. If you did everything OK, you will get back an acknowledgment from the robot. 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. If you are having submission problems, we can help you at <questions@cqww.com>. It bears repeating that if you make a mistake on your first submission, you can resubmit your log. It will replace the first submission. We archive all your submissions.

### Comments

We received 5021 2008 CQ WW SSB contest logs of which 4881 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

## 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
HC8A	278/17/44	741/27/93	1412/34/113	2477/35/127	1995/29/98	539/15/47
CU2X	262/16/60	748/24/95	1333/28/102	2454/32/117	2932/33/124	398/19
8P5A	362/13/49	834/24/90	1160/31/104	2778/32/116	1736/26/92	177/12/28
VY2ZM	675/21/83	668/20/87	854/27/96	3274/34/129	473/25/87	1/1/1
5B4AI	173/10/56	342/19/85	1000/23/98	1546/32/108	2314/28/105	61/8/24
ES5TV	592/20/77	1014/31/109	990/32/111	2395/38/137	400/34/93	92/6/28
SV9CVY	279/9/55	617/17/76	1841/29/107	2217/34/123	1425/26/102	270/9/41
VE3EJ	333/17/53	702/22/91	498/28/92	1738/38/129	931/28/100	28/6/10
K5ZD/1	112/14/55	410/21/86	765/27/100	1891/36/127	458/23/89	44/6/12
M6T	271/14/59	920/23/87	821/29/94	1833/37/112	849/31/98	24/3/19

### USA TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
K5ZD/1	112/14/55	410/21/86	765/27/100	1891/36/127	458/23/89	44/6/12
K1LZ	97/12/46	573/20/88	395/25/87	1705/33/122	474/25/90	63/6/13
K1DG	116/16/70	376/24/90	244/24/92	1677/33/123	374/23/92	52/6/19
K4ZW	67/15/46	404/20/85	649/28/95	1285/37/121	518/25/90	14/5/10
N2NT/1	93/12/45	377/22/85	416/24/86	1687/32/118	343/23/91	73/6/16
K3CR	65/11/43	330/19/75	338/22/86	1316/33/123	673/23/92	16/4/5
W9RE	51/10/26	226/26/81	566/28/102	1038/37/124	800/24/90	15/4/4
N5DX	55/13/32	162/24/74	496/29/88	814/36/111	743/28/90	16/5/7
N2IC/5	34/12/25	185/22/69	487/31/89	904/34/110	583/32/94	51/6/8
AA1K/3	67/13/45	175/20/63	408/24/81	1089/32/115	536/24/88	2/1/2

### WORLD MULTI-OPERATOR SINGLE TRANSMITTER

CN3A	64/14/63	757/23/96	1733/33/119	2102/38/142	2817/35/141	78/15/35
FY5KE	288/15/67	588/28/100	847/31/117	2148/38/146	2931/35/139	120/21/59
P33W	256/12/66	671/24/96	1429/33/123	2605/37/145	2472/35/132	158/12/39
CQ9K	203/13/63	529/23/102	1276/37/122	2384/39/150	2016/36/143	30/14/30
3V8BB	372/10/62	913/23/90	1293/30/121	2186/38/144	1396/37/131	319/14/48
TM6M	241/17/78	1101/23/105	1318/35/131	2226/39/152	1352/35/129	21/7/21

### USA MULTI-OPERATOR SINGLE TRANSMITTER

N0NI	98/16/52	346/27/99	216/27/98	1336/36/141	605/31/106	7/6/6
K9RS/3	91/16/58	380/25/97	383/28/106	1063/37/130	394/29/103	30/8/12
K8AZ	51/15/50	266/26/98	322/28/113	1155/37/141	341/30/105	35/7/12
K5TR	43/14/42	139/25/85	540/31/117	851/37/138	567/33/113	71/10/16
N1MM	41/10/33	219/22/85	547/26/102	695/34/119	513/28/106	84/7/13
K5NA	76/15/48	233/27/94	352/32/113	549/35/131	603/33/107	58/8/11

### WORLD MULTI-OPERATOR TWO TRANSMITTER

A08A	309/16/67	1628/26/106	1837/31/115	3280/40/146	3281/38/149	71/14/41
6Y1V	470/15/65	1003/22/93	2374/29/116	2779/36/131	2129/34/123	85/11/27
CT9L	210/12/61	943/19/86	1724/32/120	2008/34/120	2622/31/108	27/9/18
PJ4E	262/13/45	801/21/88	691/26/94	3349/34/131	2295/31/115	133/13/30
IR4X	201/14/66	1187/30/113	1720/35/133	2295/39/159	1665/38/149	73/11/48
PZ5Z	109/13/27	752/26/90	1107/29/109	3308/38/132	1769/27/106	62/15/24

### USA MULTI-OPERATOR TWO TRANSMITTER

WE3C	115/18/72	745/27/105	1175/28/120	2223/38/152	1224/32/122	49/10/21
N3RS	58/11/38	591/24/98	958/30/116	1586/37/142	897/31/119	47/7/14
K1RX	139/14/61	543/25/101	460/28/110	1502/34/127	490/28/107	65/6/13
W4RM	69/15/43	431/23/85	710/28/103	1364/35/131	596/26/97	3/2/3
N4T	66/12/48	321/20/86	640/28/107	1633/38/137	557/30/100	59/8/22
KB1H	48/12/34	321/21/92	315/24/98	858/36/129	593/29/113	91/7/19

### WORLD MULTI-OPERATOR MULTI-TRANSMITTER

K3LR	350/21/75	1279/29/115	1475/32/128	3177/39/165	1666/31/130	105/9/17
W3LPL	429/21/82	1002/28/111	1377/31/127	2813/39/157	1377/32/129	72/9/16
HQ3Z	506/15/52	1303/23/90	2044/29/100	2587/33/119	2302/33/116	163/15/29
DF0HQ	990/16/82	2040/26/105	2844/39/148	2170/40/156	937/35/131	236/10/52
KC1XX	279/18/71	1024/27/112	1066/30/120	2517/38/153	1266/30/132	149/8/22
YV4A	225/12/51	445/21/77	1443/33/129	2358/35/123	2061/34/112	207/12/29

### USA MULTI-OPERATOR MULTI-TRANSMITTER

K3LR	350/21/75	1279/29/115	1475/32/128	3177/39/165	1666/31/130	105/9/17
W3LPL	429/21/82	1002/28/111	1377/31/127	2813/39/157	1377/32/129	72/9/16
KC1XX	279/18/71	1024/27/112	1066/30/120	2517/38/153	1266/30/132	149/8/22
NQ4I	214/16/58	572/27/108	741/30/116	1701/38/147	1045/33/120	87/8/12
K3NA/1	200/16/74	586/25/99	761/29/117	1633/37/141	642/27/106	102/6/20
K1TTT	278/15/57	642/24/99	855/27/112	1625/37/132	559/29/109	127/8/17

# Accurate Measurements. No Excuses!

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**SS-330W** Convenient, lightweight 30 amp switching supply.

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- Built-in fan
- Weighs less than 5 lbs.
- Carrying handle



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- Max. power: 2.5kW PEP/1kW CW
- Conns: SO-239

#### CS-201GII

- 2-position 2GHz switch
- Max. power: 1.5kW CW
- Conns: Gold plated N-type



### ECONOMY SERIES

Accurate and dependable bench meters at an economy price. Lighted, 13.8VDC jack on rear panel. 6"l x 3"h x 4"d (approx.)

#### CN-101

- Frequency range: 1.8-150MHz
- Forward power ranges: 15/150/1500W

#### CN-103M

- Frequency ranges: 140-525MHz
- Forward power ranges: 20/200W

#### CN-103N

- Same as CN-103, but with N-type connectors



### PROFESSIONAL SERIES

Accurate and dependable featuring a large, easy-to-read lighted meter. 13.8VDC jack on rear panel. 6"l x 4 1/4"h x 4 1/2"d (approx.)

#### CN-801HP

- PEP reading SWR/power meter
- Frequency range: 1.8-200MHz
- Forward power ranges: 20/200/2000W

#### CN-801V

- Frequency range: 140-525MHz
- Forward power ranges: 20/200W

#### NEW! CN-801G D-STAR

- Frequency range: 900-1300MHz
- Forward power ranges: 2/20W
- N-type connectors



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Station	160	80	40	20	15	10
CU2X	262/16/60	748/24/95	1333/28/102	2454/32/117	2932/33/124	39/8/19
ES5TV	592/20/77	1014/31/109	990/32/111	2395/38/137	400/34/93	92/6/28
SV9CVY	279/9/55	617/17/76	1841/29/107	2217/34/123	1425/26/102	270/9/41
M6T	271/14/59	920/23/87	821/29/94	1833/37/112	849/31/98	24/3/19
ER0WWW	467/13/60	763/18/80	1558/33/112	1746/34/102	809/28/77	44/5/23
RZ3AXX	118/11/45	617/29/91	1282/36/120	2040/38/124	624/23/72	22/6/10
RW1AC	204/13/58	790/27/96	912/30/115	1743/36/115	652/31/84	30/9/21
OH8X	247/11/54	331/21/71	412/28/89	2897/38/114	573/32/89	15/6/12
GW4BLE	104/8/45	800/19/78	745/24/82	1540/30/99	794/27/76	8/2/6
HA8JV	390/11/63	988/22/90	579/25/96	1486/35/124	477/32/98	22/6/19

## EUROPE MULTI-OPERATOR SINGLE TRANSMITTER

TM6M	241/17/78	1101/23/105	1318/35/131	2226/39/152	1352/35/129	21/7/21
IR4M	193/14/65	477/24/97	1008/35/127	1718/39/147	1450/38/136	94/10/50
HG6N	346/12/63	1235/22/102	1026/34/131	2183/40/155	904/36/136	30/9/30
OM7M	306/15/72	524/21/96	1361/36/134	1699/38/147	944/36/137	44/8/41
OK5W	140/15/71	1013/26/111	1207/37/134	1328/37/143	884/37/133	37/11/37
E17M	330/16/72	863/19/92	1226/33/115	1839/36/135	898/29/100	13/5/13

## EUROPE MULTI-OPERATOR TWO TRANSMITTER

IR4X	201/14/66	1187/30/113	1720/35/133	2295/39/159	1665/38/149	73/11/48
AM3SSB	119/7/46	814/18/82	1483/28/102	2171/39/140	1151/36/115	72/4/19
HG1S	228/9/57	1282/21/91	1300/34/125	1855/37/141	684/35/110	31/8/28
DQ4W	362/11/59	1210/19/101	892/33/124	1553/36/146	862/37/138	39/7/23
DL10Q	492/14/68	1184/26/107	1009/34/129	1365/37/136	510/35/111	29/7/27
DR5Z	359/8/55	626/19/79	582/30/111	1366/38/137	848/36/130	44/7/28

## EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

DF0HO	990/16/82	2040/26/105	2844/39/148	2170/40/156	937/35/131	236/10/52
OT5A	875/12/62	2090/19/94	2314/38/131	2188/40/143	841/33/118	320/10/49
LZ9W	637/10/66	1413/25/98	2531/34/127	1926/38/149	1065/38/132	111/11/44
DR1A	484/15/65	1246/20/81	1623/34/123	2293/36/141	791/36/120	95/9/32
OH5Z	627/12/68	824/25/91	1839/37/135	2067/38/145	623/36/115	63/5/20
LY7A	688/10/59	1244/14/71	1996/28/119	1904/37/132	576/34/102	96/8/38

The CQ WW Contest Committee provides several ways for an entrant to check his/her log for category, club, and operator. Soon after you submit your log and long before the final results are published in CQ magazine, a *log received list* with your category is posted on the CQ WW site (cqww.com). Look over this list to find if your data is accurate. If it is not OK, please let us know at <questions@cqww.com>.

About one month before the results are finalized in CQ, you will receive via e-mail a password that will allow you access to your log analysis. This is called your *report* (rpt). You can look over the report to again verify your category and other information.

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. Everyone enters the contest to have fun, meet friends, perhaps work some new ones, and fairly compete. You can see information concerning the CQ WW on the web page at: <http://www.cqww.com>.

**Top Scores:** If you plan to try to make the Top Score Box, you can count on your log being scrutinized. In a perfect world we would not have to spend a great deal of extra effort to check potential problem logs. Unfortunately, some entrants feel they must win at any cost, even if it means cheating by not following the rules. Just as in other aspects of life, cheating in the CQ WW will not be tolerated. The use of undeclared packet; the use of additional operators for a single operator entry; two signals simultaneously 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. If you are multi-single, do not alter the times in the log to conform to the 10-minute rule. The CQ WW has at its disposal many methods to verify the score of an entrant. A few of these methods are: category averages for packet and non-packet scores, statistical aids to verify winners, URL tracing, packet clusters, reverse log time/band checking (which provides times and frequencies of more than 80% of the QSOs in any log).

If you are a single operator in *any* single operator category, you cannot receive help which could impact your score 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 not following the rules and could result in disqualification. We will crack down on such cases. The use of packet to self-spot is against the rules. There is nothing wrong with coming across a station and spotting it, but self-spotting is against the rules. There is no problem with using any DX spotting network: *just claim to be assisted*. The CQ WW has few requirements: write down the callsign of the station you are talking to, claim the correct category, and do not self-spot. Not so hard.

We enter the contest to fairly compete and have fun. A fair competition means that everyone is following the same written rules.

## Thanks

Creating the results you see in CQ magazine is just the final product of a lot of work. Entrant log submission problems, incomplete logs, forgotten band changes not in log, incorrect call indicated as used in the contest, and a myriad of other subtle problems are sorted out behind the scenes. Using an armamentarium 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, K3LR, N2AA, N2NC, N3ED, N9RV, W3ZZ, K1AR, KM3T, KT3Y, W5OV, K5ZD, N2NC, W0YK, N5KO, K6AW, N6AA, N6TW, N6TR, K5TR, W6OAT, 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, and E21E1C. A special thank you to Ken, K1EA, who spent countless hours making the CQ WW database the best in contesting. Thanks as always to John, K1AR, and Tim, K3LR, for their advice. We also want to thank Barry, W5GN. Barry has provided the machinery to send certificates to you in a timely manner. Over many years, Larry, N6TW, has been a solid rock in contributing to the results of the CQ WW. Larry, all of us owe you a debt of gratitude. The CQ WW records are maintained by John, N2NC, and K3EST.

Finally, last year we lost one of our important members, Paolo, I2UIY. His insights and focus on honest contesting always made us alert. Paolo, a friend, with his great wit and his distinctive laughter, will be truly missed.

Congratulations to all the winners and entrants!

73, and CU in the '09 contests!

Bob, K3EST

## DX QRM

Another fun contest was had by all at 6Y1V. This year KY1V was joined by Young Ham Contest Program Winner IZ7KHR, last year's winner LU9ESD, and three Brits, G3NKC, G4BUO, and G4XUM. This proved to be a great combination; everyone really enjoyed the experience. A few problems were encountered with the antennae following hurricanes involving a significant amount of effort. HF conditions were not good, but LF seemed to be really buzzing ... **6Y1V**. My best single-op contest entry ever. Once again, CQ WW makes its own propagation: terrific conditions, especially on 15m, completely unexpected at this stage of the solar cycle ... **9M8Z**. Great fun in a great contest with several newly minted hams! ... **A73A**. Our first M/2 effort. Everybody was on 20m, 40m, and 80m absolutely crowded. 10m was open only 1 hour on Saturday. Thanks to everybody who contacted us ... **AM3SSB**. Once again, CE1W on the air, step by step to the top, new Chile all time record ... **CE1W**. CQ WW forever! ... **DL4EAX**. Had lots of fun despite rig issues putting out 30W PEP on SSB! Will try again next year to do better. Too bad 10 meters did not open more from Europe ... **EA6/AA5UK**. 15m open on Saturday was nice. 20m operating spread over Saturday and Sunday. 40m and 80m early Sunday was enjoyable ... **EI4DJB**. Licensed for two weeks and two bits of wires for antennas. In CQ WW SSB Contest! Crazy? No, why not? Two new ones on three on these bands, good score ... **F4WVN**. First time entry and pleasantly surprised at what could be achieved with 50 watts and bent wire dipoles ... **G0CPA**. This was our first time on CQ WW during which it was used as training and experience for our new and younger members. We enjoyed it very much ... **G4ARN**. Hard work with 100W as my linear was at GM0B this year. Best moment was working HC8A on 40 metres 80 watts to homemade vertical antenna. Next year high power ... **GM0EGI**. A struggle from start to finish, but great fun nevertheless! Lost electric power for 10 hours on the Saturday and 93 mph winds recorded on the island ... **GZ0F**. My first CQ WW contest as single operator from Thailand. Quite a few stations/multipliers heard but not worked. Hard to break US/EU pileups from South East Asia with a small signal. Great fun as always. A lot of activity from Thailand now ... **HS0ZGD**. More than 500 QSOs and 90 countries with an inverted V wire dipole. Big fun ... **IK2DZN**. First time together for some members of the local ARI's radio club, a very big fun! Also first try in a CQ WW

Contest for a lot of the team members. ... **IR9Y**. I have just come back to the contest after 38 years absence. The propagation was not favorable for low power and small antenna, but really enjoyed the contest ... **JA7HYS**. This year a lot of changes were made on antennas, but surely system is not yet finished and I have some more plans for the next year. More information on my system could be found on [www.lx2a.com](http://www.lx2a.com). Thanks for all who called me. Before the contest I never had imagined to make this great score, ... **LX7I**. A very successful contest for a large team of operators of various experience levels from the Cambridge University Wireless Society. For once this year we had no major problems and even the weather was kinder than in previous years. A pity that 15m wasn't anywhere near as good as last year. Thanks for all the QSOs ... **M4A**. Low power needs more propagation! ... **NH7FY**. With no antennas for 40/80m and 10/15m nearly closed I had to agonize about the decision between crowded 20m or working 160m EU. Still had fun. It's CQ WW! ... **OE5T**. My third CQ WW. The goals this year were to be on 40 and have some experience with the crowded band, and I did! Enjoyed the contest and see you back next year! ... **ON3TO**. First CQ WW DX on SSB ever. What a zoo on 40m! :) ... **PA4N**. New for me was to work VE and K stations on 40 meters in the BC station band 7100-7200 for the first time. P4 was a new one, too. New on 20 meters was VP2. Great DX. So a great contest for me with QRP See you all next year again ... **PE2KP**. Haven't antennas for low bands. Just collected DXCC and zones. Especially thanks to LZ7J who show "ham spirit" on my frequency during half hour ... **RV2FW**. Just one week before moving to new QTH. All roof antennas already disassembled. Used car antenna attached to the balcony on the second floor. QRP is powerful as I managed to work zones 25, 34, and 18. Had great fun and every QSO was a joy. ... **SP5DDJ**. I did only operate for 10 hours on Sunday, but average score was over 40 Qs per hour. That was my highest ever. The extra power did help. My only antenna was for 20m so I was limited to daylight. Conditions started in the morning and disappeared in the afternoon. Highlights included A73A in Qatar, 9K2K in Kuwait, and PZ5J in Surinam. Great fun as always. Thanks for organizing this great event ... **TF3AM**. The epoch of high power is over for me! For the first time in 10 years I worked in CQ WW low power. During those years in category HP I have established new country records 10, 15, 20, 40, 80, 160m and all bands. Now it is the time to get rid of power amplifier and be in CQWW Contest in category low power next 7 or more years. Thanks to all contesters and organizers CQ WW for a nice contest! CQ WW is the event which is awaited 363 days in a year! ... **UK9AA**. Unbelievable courtesy from operators who unknowingly started operating +/-0.5 kc from us to move up/down the band, from stateside and European stations. Thank you all! ... **V48M**. Any excuse to get on 160 meters and make some noise, I always like to say! (Even if my favourite mode just happens to be CW, and NOT SSB! Hi Hi). Still, it was great hearing a few otherwise stalwart CW aficionados switch to their microphones for a change, even me! ... **VE3CUI**. My QSO with 8P5A on Oct. 26 made me think of R. A. Fessenden, radio pioneer, whose first radio broadcast in voice was made on Christmas

## TOP SCORES IN MOST ACTIVE ZONES

<b>Zone 3</b>			
K7RL.....2,394,040	W3BGN.....2,729,251	RD4WA.....1,811,340	
N6TJ.....2,125,669	K3ZO.....2,687,024	EV1R.....1,252,878	
WC6H.....1,544,018		RA3CM.....1,243,984	
W7AT.....1,030,080	<b>Zone 14</b>		
K6XX.....1,014,300	CU2X.....11,043,872	RN3CZ.....1,015,872	
**W7WA.....816,452	M6T.....5,864,868	*UR4U.....812,019	
**N7DD.....681,948	GW4BLE.....4,405,968		
VA7ST.....541,270	GM7V.....4,089,600	<b>Zone 20</b>	
NN7ZZ.....523,008	G5W.....4,025,875	5B4AI.....8,770,736	
K7VIC.....496,920	EA4KR.....3,829,224	SV9CVY.....6,784,912	**TC4X.....891,310
	DJ8OG.....3,488,496	*OD5NJ.....686,336	*TA2/DL7BC.....684,216
	LN8W.....3,038,616	*YO3CZW.....643,648	*YO3FRI.....580,992
	DJ4PT.....2,747,430	LZ3FN.....552,330	YZ3RU.....445,544
	*CT8K.....2,405,340	LZ1BJ.....423,330	
<b>Zone 4</b>			
VE3EJ.....6,472,174	ES5TV.....6,860,712	<b>Zone 25</b>	
CK3AT.....5,577,291	OH8X.....4,775,945	JH4UYB.....4,577,027	
W9RE.....4,020,992	HA8JV.....4,356,936	JA7NVF.....1,624,120	
N5DX.....3,199,983	OE4A.....3,856,069	JF2QNM.....1,163,081	
N2IC/5.....3,141,460	E73M.....3,220,000	JA3AOP.....801,810	
VE3CX.....2,149,941	II4A.....2,098,174	**JA2PAC.....700,942	
*VE3DZ.....2,109,028	OH0E.....2,060,300	JA3USA.....649,704	
K0RF.....1,883,056	OG50F.....1,907,145	JR7WAB.....616,050	
*VE3NE.....1,639,760	*9A2EU.....1,621,550	JA7YAA.....572,055	
K4AB.....1,478,880	LY5R.....1,552,056	JA7COI.....566,564	
		JH0JHA.....512,696	
<b>Zone 5</b>			
VY2ZM.....9,160,112	ER0WW.....5,517,720		
K5ZD/1.....6,121,516	RZ3AXX.....5,453,470		
K1LZ.....4,915,323	US5D.....2,923,250		
K1DG.....4,620,600	RM3F.....2,824,345		
K4ZW.....4,601,575	RW1ZA.....2,377,771		
N2NT/1.....4,584,160			
K3CR.....4,051,088			
AA1K/3.....3,005,836			

\*Low Power  
\*\*Single Band



Eve, 1906. He is buried on the island of Bermuda. Epitaph Inscription "I am Yesterday and I Know Tomorrow" ... **VE3EDY**. Surprisingly good condx considering low sunspot numbers. Lots of fun. 80 and 40 open to all areas of the world. A real treat for our "black hole" in VE5 land ... **VE5RI**. This contest was a great opportunity for many of the over 12 new hams who passed their Basic Exams in our club in 2008. For many of these operators this was their first great experience in working DX ... **VE7NA**. My first time in this great contest and will be back next year Thanks to all who listened for me ... **VK4BL**. It was a pleasure to take part in the CQ WW as an DXpedition for the first time. We enjoyed the interest of the participants to work with us very much and we hope all had the same fun as we had. Best wishes to everyone!!! DL9GFB/VU2JOS ... **VU7SJ**. 15m was pretty marginal here in VY2 and 10m nonexistent! Tks to all the old friends who called in this time ... **VY2ZM**. It was fun. First time ever. I am just nine years old ... **WP4NVK**. I am happy to follow WW DX contest for first time because I am newcomer in ham radio. All the best to you ... **YC6BRS**. Pretty bad propagation in YO, with little-to-no real runs towards NA. Good participation from all continents. Didn't put up much effort after first day, just enjoyed the rest of the contest and gave out some points. 73, Mircea, YO3XX ... **YP3A**. Good fun! Good polite operating observed. Some interesting phonetics utilized in efforts to get callsigns through the noise! Wish I could have logged more ... **ZL1AAO**.

## USA QRM

It was wonderful to see 15 open again. Now let's see what 10 can bring! Great contest as usual ... **AC9S**. 20 meters much better this year into Colorado. At least one signal every 1 kHz! Running was difficult, mostly had to do S&P ... **K0IZ**. Golf date on contest Friday cut into start. Nice western EU openings on 15 both days. Special thanks to JA1NUT for a rare SSB QSO! ... **K0RF**. Lots of fun with only a 160 mtr Window and a dipole at 25 ft for 20m! ... **K1HTJ**. Can't believe the QRM on 20 meters. How can you pack so many stations in a 200 kHz bandwidth? There must have been ten stations deep per every kHz. When will the higher bands open up to spread out the contesters? ... **K2MFY**. Where did 10 meters go? Best conditions ever on 160m, worked plenty of stations with a shorted G5RV.... **K2CS**. Not much to show for an 8 hour effort but this was my first CQ WW and I had a lot of fun. What I need now is a better antenna system. I am psyched for the contests to come! ... **K4EET**. Good conditions or bad, this contest always offers a few nice surprises. 40 was as amazing as 10 was bad ... **K5ZD**. Another CQ WW with no sunspots. Never heard a signal on 10m! I tuned up there several times too and called CQ. 15m had a surprise early Sunday morning opening to CT, I, F, EA, etc. On 20m, there were times when it was S9+ sigs solid from 14150-350. Strong EU/SA openings there. On 40m, the usual deaf EU and EU/Far East stations booming in and not listening up. On 80m, my R7 seemed like a wet noodle. Hopefully, there will be better condx for the CW part ... **KC6X**. More 15m activity in CQ WW SSB than the whole rest of the year! Maybe the new sunspot cycle didn't stall out after all! ... **KE7DX**. My first CQ WW. I had a great time, and worked several new DXCC entities. Best was Spain and Italy on 40m Sunday AM, and HI on 15m Sunday afternoon ... **KG4ZDM**. I am 9 years old and this is my second contest. Great fun! ... **KJ4BIW**. Way to go Africa! Even with a sunspot count of 0 worked more Africans in this contest than ever before in 52 yrs of contesting! ... **KS7T**. This was my first CQ WW as a high power entry. Lots of fun with many new ones on the low bands. Even some propagation on 15m ... **N0YO**. I hope everyone had a good time. Conditions were not great but good enough to provide some great Q's... **N1BCL**.

Great "cherry pickin." 11 hours of fun. Wanted to play in the sandbox some more, but grass mowing, "honey-do," Eagles game, and the Phillies in the World Series. Too much to do, and never enough time. Lotsa new ones on 40m and 75m for 5BDXCC. 18 new countries on 40; 7 on 75m. Seeing the light at the end of the 5-band tunnel. Hi! ... **N3TR**. Mobile with minimum time; however, good to participate some to keep the hobby alive ... **N4LS**. What a great experience operating from W8JI's super station. If log checking holds up, will have set a new US record for 40m in this one. Conditions were good and no problem with equipment or QRM. Just terrible broadcast QRM all over the band ... **N4PN**. Another bad year on the third rock. Someday 10/15 will really open, hopefully in my lifetime ... **W3TZ**. JH1OGC gets my vote for best "ears." TM6M was the only European who

could hear me. Rig here was "Original" IC-706, CtWin, and HF-2V ... **W6HH**. Wow, my first CQ WW! People were very nice. Had a very fun time! ... **W7JAZ**. The great activity opens up the bands every year. Spent months getting new tower ... **W9RE**. Had a great time even though conditions were pretty poor. Nice to see 15m open for a run from U.S. East Coast to Japan and New Zealand. Look forward to next year. Thanks for putting on the contest ... **WB4ROA**. Hey, conditions are finally looking better! ... **WB8JUI**. Conditions much better this year! 20 and 15 meters were excellent. Next year maybe 10 meters will be alive again? See you then! ... **WK0P**. Always challenging from AZ but did OK considering. Need to upgrade here to be more competitive but I sure have fun with what I have! ... **WU9B**.

(Continued on page 101)

## RIGblasters

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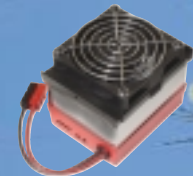
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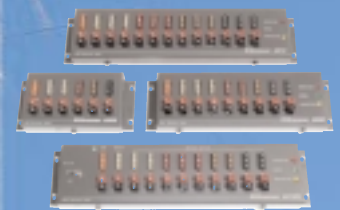
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Table with columns for call sign, frequency, power, and other technical details. It is organized into geographical regions: Marianas Islands, New Zealand, Niue, Palau, Philippines, SOUTH AMERICA (Argentina, Chile, Colombia, Ecuador, Galapagos Islands, Netherlands Antilles, Paraguay, Peru, Trinidad & Tobago, Uruguay, Venezuela), ORP, ON3TO, and ASSISTED NORTH AMERICA. Each row represents a specific call sign and its associated technical specifications.







