Results of the 2010 CQ WW DX CW Contest

BY BOB COX,* K3EST

Expanded Results on the Web

Editor's Note: Having a record number of logs submitted for the CQ WW CW Contest is great, but it does put a squeeze on space. In order to assure that the efforts of all entrants are recognized through the publication of complete line scores, certain other elements of our contest reporting have been moved to the CQ website. Please visit the CQWW DX Contest page (follow the links from <www.cq-amateur-radio.com>) for QRM, expanded top scores listings, and more. ---W2VU

Where are you sunspot Cycle 24? We all are waiting. In the meantime, the CQ WW again created its own propagation. You can enter the CQ WW CW Contest and help improve conditions. Once the contest begins, the bands come alive with activity. As Lee, GØMTN comments, "Superb activity levels; seems like everyone with a wire in suburbia to record-breaking superstations; had huge fun." Ed, N1UR, says, "Wow! The best low band conditions ever experienced in a contest." Egbert, ON4CAS, summed up the feelings of many: "Running barefoot into a tribander beam is all you need. I heard rumors that it will take yet another year before we all enjoy the next CQ WW. Please tell me it's not true." The CQ WW is a fantastic competition which brings out the best in CW contesters of skill levels. As Col, VK4CC says, "I have been learning the Morse code for 6 months and this was my first CW contest. I enjoyed it immensely and look forward to the next one."

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. Here are presented the results of the efforts the entrants. Read on to see how you and your friends ended up.

High Power

The competition for first place world is always tough. Taking first place this time was Valery, RD3AF, keying EF8M to first place. Not far behind was Jose, CT1BOH, operating from CR3E. Jose always can be found as, or near, the top score in the world. Third-place world went to Yuri, VE3DZ who traveled down to PZ5T from cold Ontario. Again taking first place in the U.S. was Randy, K5ZD. Randy sure has the magic touch. Moving up from last year's finish and taking second place in the U.S. from central Pennsylvania was Alex, LZ4AX, operating from K3CR. Third place went to Doug, K1DG, operating from southern New Hampshire. Top honors in Europe, for several years in a row, went to Toni, OH2UA, operating from CR2X. Second-place Europe went to the fine efforts of Felipe, CT1ILT, at the controls of CR6K. Third place in Europe went to Ranko, 403A. Other worthy efforts from challenged propagation areas which should be recognized are K6XX, K6NA, KÖ7AA, K7RL, VU2PAI, VU2PTT, JE1CKA, JH4UYB, JA6LCJ, JA2FJP, JA7DLE, ZS1EL, ST2AR, 8Q7DV, VK6AA, 9M6/KMØO, 9M6XRO, NH2T, and KH6ZN.

The continental winners were: North America: V47NT (N2NT); Africa EF8M (RD3AF); Asia P3N (R2AA); Europe CR2X (OH2UA); Oceania NH2T (N2NL); South America PZ5T (VE3DZ); Japan JH4UYB, U.S. K5ZD/1.

Low Power

The most popular category in the CQ WW is the low lower category. All you need is a transceiver and an antenna. Winning any low power category is a real accomplishment. Ending up on top is very special. Finishing again at the top was a familiar callsign, with Joe, AA3B, operating at V26K. Joe has been number one in the world many times. Moving up from his last year's third-place finish into second place in the world was Julio, AD4Z, operating from the Dominican Republic as HI3A. Following closely in third place was Andrey, RA9CKQ, operating from 3V3A. The 2010 results for the top scores in the U.S. were a carbon



CW5W: Fabiano, PY3VK; Leo, CX3AL, and Jorge, CX6VM

copy of 2009. Again taking the top slot was Ed, N1UR. He took away the low power U.S. trophy, while Art, K1BX, again took second place. Third place in the U.S. again went to Marvin, N5AW, from Texas. Taking first place in highly competitive Europe was Tine, S5ØA. Tine put his QTH in sunny Turjak to very good use. Again finishing near the top in second-place Europe was Gedas, LY3BA, operating LY9A. Finishing in third position in Europe was Petr, OK2PP, operating the club call OL6P. Operating from challenging locations were N6RV, W7YAQ, K5KLA, WØETT, J28AA, SU9HP, 5Z1N, V51YJ, 5N7M, 5H3EE, 3V3A, 5X1XA, 9J3A, B4S, VU2BGS, HZ1PS, E21YDP, XV2RZ, and V63YT. Their operations were appreciated.

The continental winners were: North America V26K (AA3B); Africa 3V3A (RA9CKQ); Asia RG9A; Europe S50A; Oceania VK4IU; South America PJ4LS; Japan JA1BJI; U.S. N1UR.

QRP

Running only 5 watts will focus your mind. A whole set of skills are needed to master this category. You learn to avoid packet pile-ups. You learn to choose the right moment to call someone. You can work a lot of stations with 5 watts or less. Our world winner is located in western France overlooking the Atlantic Ocean. His skill and location propelled Laurent, F5MUX, to first place world. Second-place world and first-place USA went to Doug, KR2Q. Doug also holds several QRP world records. You had to travel to Ohio to find the QTH of third-place world and second USA. The honor went to Bill. N8ET. Third-place USA went to Mike, K8CN/1, operating from New Hampshire. Second-place Europe and number four world was Joseph, UU2CW. Fifth-place world and number three in Europe was Krzysztof, SP9NSV. Special mention must be made of the great competition between Izuno-san, JR4DAH, and Manabu-san, JE1RZR, #1 and #2 in Asia, respectively. R9SG, MJØASP, UN8PT, JG3CQJ, BA4WI, 7K1CPT, UAØSBQ, JK1TCV, JAØVTK/7, JA9MAT, HS8KGG, 4M6CQ, VY1EI, and JA1KEB are to be congratulated for their outstanding efforts.

The continental winners were: North America KR2Q; Africa EA8IK; Asia JR4DAH; Europe F5MUX; Oceania No Entry; South America PY4ZO; Japan JR4DAH; U.S. KR2Q.

Assisted

The new emphasis on the assisted categories has been well received. Rowland, K4XD's comments were similar to many positive messages: "Enjoyed the new category of assisted high power single band—80m!" From Suad, DK6XZ, "Thanks to the Contest Committee for extending the awarding/ranking program to the assisted category." With many new awards and records to try to win, the assisted categories are coming into their own. Remember, the use of any QSO spotting tool (Skimmer, any DX spotting help) places you in the assisted category.

SINGLE OPERATOR World EF8M (Opr.: Valery Komarov, RD3AF) Donor: K4FW Memorial (Scott Robbins, W4PA) World - Low Power V26K (Opr: Joseph Trench, AA3B) Donor: Slovenia Contest Club World - ORP Laurent Fontaine, F5MUX Donor: Gene Walsh, N2AA World - Assisted CN3A (Opr.: Stefano Brioschi, IK2QEI) Donor: Robert McGwier, N4HY World - Assisted Low Power Alfredo Velez Ramos, WP3C Donor: CO magazine World - Assisted ORP OK3C (Opr.: Ludek Odehnal, OK2ZC) Donor: CO magazine USA Randall Thompson, K5ZD/1 Donor: Frankford Radio Club USA - Low Power Edward Sawyer, N1UR Donor: North Coast Contesters USA - QRP Douglas Zwiebel, KR2Q Donor: Gene Zimmerman, W3ZZ USA - Assisted John Dorr, K1AR Donor: John Rodgers, WE3C USA Assisted - Low Power James P. Bowman, KS1J Donor: CO magazine USA - Zone 3 Robert Wolbert, K6XX Donor: Central Arizona DX Association USA - Zone 4 Steve London, N2IC/5 Donor: The Society of Midwest Contesters Canada VY2ZM (Opr.: Jeffrey Briggs, K1ZM) Donor: John Sluymer, VE3EJ & Jim Roberts, VE72O Carib./C.A. V47NT (Opr.: Andy Blank, N2NT) Donor: Chuck Shinn, W5PG Europe CR2X (Opr.: Toni Linden, OH2UA) Donor: W3AU Memorial (Pete Raymond, N4KW) Europe - Low Power Tine Brajnik, SSGA Donor: Scott Jones, N3RA & Tim Dutty, K3LR Europe - QRP Joseph Semyonovich, UU2CW Donor: CQ magazine Europe - Assisted High Power ER4A (Opr.: Sergey S. Rebrov, UT5UDX) Donor: I4IND Memorial Award (operators of IR4X) Europe - Assisted Low Power Ricardo Navarrete Lopez, EA4ZK Donor: CQ magazine Scandinavia OH8X (Opr.: Pasi Luoma-Aho, OH6UM) Donor: W3FYS Memorial (Chas Weir, Jr., W6UM) Russia Vadim Ovsyannikov, R9DX Donor: Roman Thomas, RZ3AA Africa CR3E (Opr.: Jose Carlos Cardoso Nunes, CT1BOH) Donor: K5KA Memorial (Raiph "Gator" Bowen, N5R2) Asia P3N (Opr.: Eugene Danielyan, R2AA) Donor: Chuck Shinn, W5PG Japan Masaki Masa Okano, JH4UYB Donor: Tack Kumagai, JE1CKA Japan - Low Power Taro Asao, JA1BJI Donor: Western Washington DX Club Oceania VK6AA (Opr.: Bernd Langer, VK2IA) Donor: Chris Tran, ZL1GT South America PZ5T (Opr.: Yuri Onipko, VE3DZ) Donor: Venezuela DX Club

The world top assisted spot went to Stefano, 1K2QEI, operating from CN3A located in Safi Morocco, 220 km south of Casablanca close to the Atlantic Ocean. Second-place world and number one in North America was a familiar winner, John, K1AR. Third-place world and

TROPHY WINNERS AND DONORS SINGLE OPERATOR, SINGLE BAND World - 28 MHz PW2F (Opr.: Marcelo Pedretti, PY2NA) Donor: Joel Chalmers, KG6DX World - 21 MHz ZX5J (Opr.: Hamilton Oliveira Martins, PY2YU) Donor: Lew Sayre, W7EW World - 14 MHz 9Y4W (Opr.: James Neiger, N6TJ) Donor: W2JT Memorial (North Jersey DX Assn.) World - 7 MHz Vakhtang Mumladze, 4L8A Donor: Alex M. Kasevich, W1CDC World - 3.5 MHz SN3A (Opr.: Jurek Smoczyk, SP3GEM) Donor: Fred Capossela, K6SSS World - 1.8 MHz Nodir Tursoon-Zadeh, EY8MM Donor: Kenneth Byers, Jr., K4TEA USA - 28 MHz Jeffrey W Hartley, N8II Donor: CQ magazine USA - 21 MHz Brian J Edward, N2MF Donor: Bob Naumann, W5OV USA - 14 MHz Brooke T. Allen, N2BA Donor: Northern Illinois DX Ass sociation USA - 7 MHz Paul H Newberry, Jr., N4PN Donor: W6AM Memorial (Jan Perkins, IS NEAW) USA - 3.5 MHz Lawrence F Emery, K1UO Donor: Bill Feidt, NG3K USA - 1.8 MHz William B. Tippett, II, W4ZV Donor: Jeff Briggs, K1ZM Canada (14 MHz) VE6JY (Opr.: Gary Caldwell, VA7RR) Donor: John Sluymer, VE3EJ Carib./C.A.(21 MHz) C6ATA (Opr.: Kenneth Silverman, K2KW) Donor: David Hodge, N6AN Europe - 28 MHz ZB2X (Opr.: Jorma Saloranta,OH2KI) Donor: Jay Pryor, K4OGG Europe - 21 MHz Ivica Matkic, E73W Donor: Robert Naumann, W5OV Europe - 14 MHz CTIJLZ (Opr.: Jiri Pesta, OK1RF) Donor: G3FXB Memorial (Maud Stater) Europe - 7 MHz OHSSV (Opr.: Jukka Klemola, OH6LI) Donor: Ivo Pezer, 9A3A Europe - 3.5 MHz Teemu S. Korhonen, SMØW* Denor: K3VW Memorial (Frankford Radio Club) Europe - 1.8 MHz Drago Turin, S59A Donor: Pat Barkey, N9RV & Terry Zivney, N4TZ Japan - 21 MHz Akito Nagi, JA5DQH Donor: Bob Wilson, N6TV Japan - 14 MHz* HiroJumi Nakamura, JA6WFM Donor: Chris Terkla, N1XS Asia – 21 MHz 9K2HN (Opr.: Faisal Al-Ajmi, 9K2RR) Donor: Coconut Wireless Contest Club

Asia – 14 MHz Syuichi Sata, JA7FTR Memorial (Raiph "Gator" Bowen, N5RZ) Donor: W5FO M

MULTI-OPERATOR, SINGLE TRANSMITTER World P33W (Oprs.: RA2FA, UA2FZ, RW4WR, RV1AW, RA3AUU)

Donor: CO magazine USA K1LZ (Oprs.: K1LZ, K1VR, N2OW, K3JO, NU5Y, N8BO) Donor: Douglas Zwiebel, KR2O

Canada VE3EJ (Oprs.: VE3EJ, VE3FU, VE3TA, VE3XB) Donor: Eastern Canadian DX Assn. number one South America was P40C operated by Alex, KU1CW. Taking first place in Europe again was Sergey, UT5UDX, at ER4A. Second place in Europe went to Andy, SP8BRQ, using contest call SO8A. Third-place Europe was taken by Marco, S51DS, operat-

Carib./C.A. ZF1A (Oprs.: K6AM, K5PI, N5DO) Donor: Kansas City DX Club

Africa D4C (Oprs.: IK2JUB, IK2PFL, IK2NCJ, YL2KL, YL7X) Donor: Harry Booklan, RA3AUU

Asia C4N (Oprs.: 586AD, UA6LP, RN3QY, 584AGM, RA6LFO)* Donor: Steve Merchant, K6AW

Europe TM6M (Oprs.: F1AKK, F5TTU, F6FVY, F6IFY, F8DBF) Donor: Bob Cox, K3EST

Japan JG1ZUY (Oprs.: JG1VGX, JI6CUK) Donor: Madison Jones, W5MJ

Oceania - Pacific Rim KH7X (Oprs.: KH6ND, KH6SH, KH7Y) Donor: Junichi Tanaka, JH4RHF

South America P40L (Oprs.: W6LD, W8YK, KX7M, N7MH) Donor: Araucaria DX Group

MULTI-OPERATOR, TWO-TRANSMITTER World

CR3L (Oprs.:DJ2VA, DJ6QT, DK7YY, DL1CW, DL5AXX, DL8WAA, K2SX, W2LK) Donor: Array Solutions

USA N3RS (Oprs.: N2SR, N3RD, NA3D, K3WI, W8FJ N3RS) Donor: Eric Scace, K3NA

Europe IR4X (Oprs.: I4VEQ, I4TJE, I4YRW, I4EAT, I4IKW, I4LEC, I2WIJ, IK4ZGO, I24HVM, I23EYZ, IK4EWK, I24C2E, IK4VET, IK4DCT) Donor: Aki Nagi, JA5DQH MULTI-OPERATOR, MULTI-TRANSMITTER

World C5A (Oprs.: OKIDIX, OKIDO, OKIFFU, OKINY, OKIRI, OKSWV/OMZTW, OMZAA, OMSAW, OM6NM) Donor: K2GL Memorial (Doug Zwiebel, KR2O)

USA KC1XX (Oprs.: KC1XX, K1FWE, K1TR, N1KWF, W1FV, WA12, W2RQ, KM3T, N9NC) Donor: NBRJ Memorial (Bob Ferrero, W6RJ)

Europe DFØHQ (Oprs.: DJ9AO, DL1AUZ, DL1DTL, DL2OBF, DL4MM, DL5ANT, DL5AOJ, DL5MLO, DL5SE, DL7Z2) Donor: Finnish Amateur Radio League

Japan JA3YBK (Oprs.: JG3KIV, JG3MRT, JG3WDN, JF4FUF, JF4ETK, JH4NMT, JR4ISF, JS1PWV) Donor: Masahiro Kilagawa, JH3PRR

WORLD - MULTI-MULTI SSB/CW COMBINED PJ2T 59,245,312

Donor: W0ID Alpha Award

USA - MULTI-MULTI SSB/CW COMBINED K3LR 46,868,406

Donor: N8SM Memorial (Operators of K3LR)

CONTEST EXPEDITIONS World Single Operator 8Q7DV (Op.: Vitaly A. Afanas'ev, RN4WA) Donor: Friends of Phil Goetz, N6ZZ World Multi-Operator ZL8X (Oprs.: DJ5IW, DJ7EO, DJ9RR, DK111, DL1MGB, DL3DXX, DL5CW, DL5LYM, DL5XL, DL6FBL, DL8LAS, DL8OH, SP5XVY, SV2KBS) Donor: Carl Cook, Al6V SPECIAL - SINGLE OPERATOR AWARD World SSB/CW Combined CR2X (Opr.: Toni Linden, OH2UA) 25,463,656 Donor: Hrane Milose IVIC, YTIAD CLUB World SSB/CW Yankee Clipper Contest Club 373,204,929 Donor: W1WY Memorial (CQ magazine) Non-USA SSB/CW Bavarian Contest Club 273,274,061

Donor: N6AUV Memorial (Northern California Contest Club) Second Place

ing at S59ABC located in beautiful Maribor. Second place in the U.S. was taken by someone who knows the assisted category very well, Charles, K3WW. Kam, N3KS, took third place from Towson, Maryland. The strong efforts of J28RO, CT3KN, Z24EA, TC7M (R5GA), BD2SH/7, VR2XLN, JS3CTQ, XV1X, UP2L, VP2V/N3DXX, A65BP, HZ1FS, OY1CT, MD2C, FO8RZ, and WH2D gave many entrants nice multipliers.

The continental winners were: North America K1AR; Africa CN3A (IK2QEI); Asia TC7M (R5GA); Europe ER4A (UT5UDX); Oceania FO8RZ; South America P40C (KU1CW); Japan JA6GCE; U.S. K1AR.

Assisted Low Power

WORLD

Single Operator High Power

28 MHz

21 MHz

14 MHz

7 MHz

EF8M CR3E PZ51

V4710

P40W

PW2F CE1/K7CA ZB2X

ZX5J VK6LW

9K2HN

9Y4W

FASCUU

CT1JL2

41.8A YW4D TC4X SN3A EA8CMX SMØW

EY8MM S59A VE321

V26K HI3A 3V3A 5H3EE RG9A

CW3D PY2MTS VR2EH

COSLY_

CEAKX

CE3AA 5X1XA

CEATA SP60JE.

4K6F0

Z1.7VR CX9AU All Band 15,117,795

14,208,754

11.864,348

489,580

387,251

2,306,516 998,200

797.860

1.628.968

1 339 464

1.142.835

"My first CQ WW CW in assisted class in many years. I entered because CQ is now recognizing low power assisted as a real class," said Dan, K2YWE. You will notice in the results that low power assisted now has a separate listing. We hope this category will continue to grow.

LIK9AA

G6MC OK7U

GW3YDX CEARE

YT4A

F5MUX

KR2Q N8ET UU2CW

SP9NSV

CN3A

KIAR P40C

CT3KN K3WW

OM8A: 9A4M, OM3BH, OM7JG, OM3RM, OM3GI, 9A3XV, OM2VL (absent in the photo OM5KM and OM5CM)

TOP SCORES

3.5 MHz 538,656	UNITED STATES Single Operator High Power All Band K5ZD/1 8,940,786 K3CR 8,433,803	3.5 MHz NA8V 144.402	EUROPE Single Operator High Power All Band	3.5 MHz 207.872
207,872	High Power	K9UIY 48,880	High Power	G6MC 207.872
.170,625	All Band	NY38 24,871	All Band CR2X 10 206,848	UK/U170.625
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	K5ZD/1 8,940,786	212/2020	UN2A 10,200,040	J43J 151,601
1.8 MHz X237,511	K3CR 8,433,803	W7RH 5.188	CHOK	Contra Caracteria
X	KIUG 0.239,191		403A	1.8 MHz GW3YDX 237,511
143,612	K1RX 7 096,752	300	T70A	GW3YDX237,511
.71,485	K1T0/4 7.013.228	WD8DS8/9 684	OE3K .5.849.288	YT4A 71,485 OMØTT 62,522
ORP	20 6514-	ORP All Band KR20 1,177,344	28 MHz 307 983	
All Band	28 MHz NBII 26.025 W3EP/1 24,852	All Band	7827 20 1012 307 983	GRP All Band F5MUX 1,765,170
1.765,170	W2ED/1 24 953	KR20 1 177 344	LZ7J 62.905	All Band
1,177,344	W5MJ 21,490	NSET 867,928	Y08AXP 34.340	F5MUX 1 765.170
	**************************************	K8CN/1 479,520	roundn	UU2CW 816 462
816,462	21 8444	N4JE 475.306	21 MHz	SP9NSV 752,199
/	21 MHz N2MF. 527,238	N4JF 475,306 W6JTI 461,616	21 MHz E73W	F5VBT
	N5RZ394,785		M3W 343,944	LY5G 647,559
Assisted	KØEJ/4 345.168		GOORH	A COMPANY AND A COMPANY
High Power	KOE3/4	Assisted	000000000000000000000000000000000000000	Assisted
All Band	6.6 anti-	Hinh Power	1.0 5364-	High Power
11,818,159	N2BA 14 MHz 575,476	Assisted High Power All Band K1AR 9,314,394 K3WW 8,520,192	CTIJLZ	Assisted High Power All Band ER4A 5.169,728
9.314.394	W7WA	K1AR 9314 394	01142.033 006T 1.057.000	ER4A 8 169 728
8.661 499	W/WA	KRWW 8 520 192	CR6T 1,057,636 GM3X 641,763	S08A 5,478,840
8,552,478	WB9Z 542,409	N3KS 4,881,520	LIM3X	S59ABC 5.460,392
8,520,192	10 March 1	K9NW 4,857,065		UW3U 5 383,433
10,020,132	7 MH2	N1EU/2 4,694,404	7 MHz	DL8DYL 5,318,640
Assisted	7 MHz N4PN .900,502 N3RR .541,164	191CU/C	0HØV. 7 MHz 876,512 0K1Z 710,684	DL0D1L
Assisted Low Power All Band	N3RR		OK1Z 710.684	Assisted Low Power All Band EA42K 2.005.175
Low Power	N6MA/7 325,118	Anniatural	YL3FT	ASSISTED
An bang	and an alterna	ASSISTED	OY6A 412,032	LOW POWER
5,087,744	3.5 MHz K1U0 528,478 W/25/3 109,652	Assisted Low Power All Band KS1J 2.371.082		All Band
2,492,424	K1UQ 528,478	All band	3.5 MHz SN3A 842,337	EA42K 2,000,173
2,371,082		KS1J 2,371,082	SN3A	L73ZZ 1.973.362 S52OP 1.901.025
2,241,308	K7BG	K3AU	SMØW 635.345	S520P 1,901,025
2 047,520		W3KB 1.428,313	UX2X	ERØFE0. 1.752.457
and a second second	1.8 MHz W4ZV138,650	WØVX/5. 1.289,532		IK2HDF 1,610,840
Assisted	W4ZV 138,650	WD4AHZ1,138,865	1.8 MHz	
ORP	WF2W 96,000	(built) and	1.8 MHz S59A 273,171	Assisted
All Band	K4PI	Assisted QAP	OMOWR	Assisted GRP All Band OK30 1,385,265
1,385,265		QRP	OH4A 174,158	All Band
		Part Desizing		OK3C1.385,265
523,604	Low Power	N1TM 627,900		HA12H 623,604
A	All Band	W8WD. 547 150	Low Power	UR5LAM 607.910
547,150	Low Power All Band N1UR 3,826,392	W400	All Band	US212 543.752
	K1BX 3,422,896		Low Power All Band S50A 3,528,623 LY9A 2,288,358	RW3A1419,580
Multi-Operator	K1BX 3,422,896 N5AW 2,869,060		LY9A 2 288 358	
ingle Transmitter	N8AA. 2.608,040	Multi-Operator	OL6P 2.219.948	Multi-Operator Single Transmitter
23,058,276	K1PT/4 2,332,408	Single Transmitter	RL6M 1.668.282	Single Transmitter
21.531.924	1111/4	K1LZ 15,509,224	S09UM 1,339,175	TM6M 12,965.378
18 179,970	28 MHz	K5G0 9.445.170		OMBA12,538,560
16,616,051	28 MHz K4WI 24,779	K8AZ 9,282,270	28 MHz	IR4M 11.621.108
15,509,224	W6/VK2IMM 3,648	K8AZ 9,282,270 KT3Y/4 9,015,496	28 MHz FBAKC 30.600	BU1A 11 386 749
VANET REPORT	AA7D,J 2,201	W3UA/1 8,300,208	VII5714 20.000	RU1A 11,386,749 0M7M 11,220,295
Multi-Operator		trante i terrete strand, son	YU5ZM 20.992 S54A 15.912	
Two Transmitter	24 8811-	Multi-Operator		Multi-Operator
26,836,704	W1MU 276,086 K1ZB 232,509	Two Transmitter	21 MHz EA3GXJ	Multi-Operator Two Transmitter IR4X 15,031,474
22,682,430	W1W0 276,080	N3RS 17.152,465	ZIMH	1R4X 15.091 474
22,471,792		WE3C 16 806 310	CA36XJ 339,434	LX71 14,409,000
20,424,888	WB4TDH	WE3C 16,806,310 KB1H 10,627,380	Z33F134,131	9A1P 11,398,294
17,152,465		N4WW 10,504,623	YT10	IR9Y 11,039,616
17,152,405	14 MHz	KØTV/1 9,879,606	Contraction of the second s	HB9CA. 10,758,535
	14 MHz W2AW 367,023		S57DX 412,753	HD964
Malli Georgias	N4IJ/5	Wulti-Operator	S57DX 412,753	Multi-Operator Multi-Transmitter
Mulli-Operator	N4MO 183,141	Multi-Transnutter	10341 207,130	Multi-Transmitter
fulti-Transmitter		Walli-Transmitter	DL4AAE	DEDUO 10 547 626

7 MHz	N.3VVVV
1,554,168	
1 518 288	
1.502.662	L
the second second	
3.5 MHz	WP3C
842,337	VP91
100 200 TOP	KS1J
	PY2SEX
	KJAU
	NOAD
1.8 MHz	
290,510	1
	DK3C
	N1TM
Low Power	HA1ZH
All Band	URSLAM
8.145.372	W8WD
	Provide states
6,064,268	Mul
5,949,447	Singl
4,176,816	P33W
3,920,616	
	D4C
28 MHz	P40L
248,847	ED9M
174,561	KILZ
103,329	
	Ma
20 22 C	Two
21 MHz	CR3L
586,560	PJ4A
	9L5VT
550 256	P3F
	N3RS
14 MHz	Nona
.938.304	
636,168	
445,773	Mu
	Mult
	G5A
7 MHz	PJZT.
.1 343 952	KC1XX
380,688	ZL8X
369,289	W31 P1
	a week to come

40,836,534 31,260,796

27,416,845 26,240,941

25 682 352

7 MHz

228,186 171,258 101,120

W2EG WA1FCN/4

NS3T

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Wulti-Operator Multi-Transmitter			
KCTXX	27,416,845		
W3LPL	25.682.352		
K3LR	25,621.024		
KITTT	18,389,852		
W2FU	17:558,016		

14	MHZ
S57DX	412.753
HG4F	267,150
DL4AAE	
7	MHz
SP60JE	.380.688
GWØETF	259,260
RK4SA	

	3.5 MHz	
MC		207,872
31		151,601
	1.8 MHz	
V3YDX	10.1	237.511

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IAEV	419,580
	i-Operator Transmitter
ISM	12 965 378
ABA	12,538,560
M.	11,621,108
AII.	11 386 749

Multi-Operator Multi-Transmitter		
DFDHQ	19,547,638	
EA2EA	18,933,580	
1Z9W	17.987.425	
9A1A	17,399,915	
YT2W	14,739,840	

Visit Our Web Site

Sales a Amplifi

Second one who Charles, from Tov J28RO, BD2SH/; VP2V/N3 FO8RZ, multiplier: The cc ica K1AR (R5GA); FO8RZ, Japan JAI

Assiste

"My first C years. I en ing low po Dan, K2YV low power We hope t

1000

	WOJ Single C High F All B
EF8M CR3E PZ5T V47NT P4OW	
PW2F_ CE1/K7 ZB2X	28 M Ca
ZX5J VK6LW 9K2HN	81 MB
9Y4W EASCUU	14 mH

KCIXX

584/27/98

CT1JLZ 7 38842 41.84

YW4D TC4x 3.5 MHz SN3A

SMOW	
EY8MM_ S594	1.8 MHz
VE371	

EABCMX









0.5000	2 MHI		
CEATA		1.	
SPECIE	++)	1	
AK6FO			



BAND-BY-BAND BREAKDOWN-TOP ALL BAND SCORES

Number groups indicate: Q\$Os/Zones/Countries on each band

476/25/10

1797/36/151

WORLD TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10	Sta
EF8M	205/14/59	573/23/75	2448/32/103	1363/33/90	1529/32/107	1380/24/101	K57
CR3E	320/17/52	892/25/79	2060/33/97	1354/32/102	1911/27/105	706/23/87	K30
PZ5T	141/17/32	870/25/84	1449/30/103	1879/36/121	1727/36/119	569/24/81	KH
V47NT	438/15/63	752/22/79	2169/32/114	1833/34/106	1747/26/93	354/20/64	KIF
P48W	404/18/61	1072/25/82	1324/31/94	1392/32/93	1397/31/93	910/20/68	K11

WORLD TOP SINGLE OPERATOR ASSISTED ALL BAND

CN3A	165/13/58	715/21/85	1304/29/99	1123/34/116	1639/33/124	783/26/95
K1AR	137/15/62	553/29/113	1327/39/138	1122/38/145	932/30/126	77/20/52
P40C	147/18/44	945/21/82	1298/25/85	1400/33/98	997/28/82	580/17/38
CT3KN	65/11/36	738/19/76	1176/25/85	854/27/90	1820/30/105	414/24/78
K3WW	180/20/78	575/27/108	1272/36/130	1170/38/134	740/29/116	63/15/43

WORLD MULTI-OPERATOR SINGLE TRANSMITTER

P33W D4C P40L	387/18/79 121/20/83 227/18/67	1253/29/115 610/29/112 856/29/106	2267/37/151 1703/39/130 2230/37/137	2554/40/150 1589/37/149 1694/38/140	1858/37/152 2158/37/159 1957/35/138	1873/31/131	K1LZ K5GO K8AZ	2
	WORL	D MULTI-	OPERATOR	TWO TRAI	NSMITTER	8		
CR3L PJ4A 9L5VT	415/16/68 520/14/58 212/13/57	1517/26/95 1053/26/96 952/22/84	3371/37/123 2934/35/121 1986/33/119	2784/37/132 2528/36/111 2019/37/126	2773/30/107 2518/30/100 3015/35/136		N3RS WE3C KB1H	-
	WORL	D MULTI-O	PERATOR	MULTI-TRA	NSMITTER	R		
C5A	806/22/83	1644/31/103	3444/36/128	4032/40/154	3241/38/151	2011/29/132	KC1XX W3LPL	56

2525/38/163

USA TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15
K5ZD/1	163/15/57	721/24/90	1350/35/114	1202/35/122	1075/29/106
K3CR	145/16/66	664/27/98	1267/35/120	1154/34/113	946/32/105
KIDS	279/20/80	721/24/89	1120/29/111	1130/33/107	1003/28/107
KIRX	205/17/63	720/23/89	1112/32/97	1207/31/95	895 27/101
K1T0/4	61/17/42	389/23/79	1525/33/109	1174/34/111	612/31/105

USA TOP SINGLE OPERATOR ASSISTED ALL BANK

KTAR K3WW N3KS K9NW	137/15/62 180/20/78 12/6/9 143/23/68	553/29/113 575/27/108 281/24/80 376/29/106	1327/39/138 1272/36/130 780/31/120 406/34/123	1122/38/145 1170/38/134 869/33/125 723/37/138	932/30/126 740/29/116 750/31/127 557/31/119
N1EU/2	70/16/60	215/23/91	508/35/126	816/35/135	521/32/129
	USAN	ULTI-OPE	RATOR SI	NGLE TRAN	SMITTER
K1LZ K5GO	262/24/96 89/23/78	898/29/119 557/31/117	1956/39/152 1245/39/149	1437/39/155	1233/36/142
KBAZ	196/19/70	689/28/107	1021/37/137	1176/38/146	926/34/135

USA MULTI-OPERATOR TWO TRANSMITTER

N3RS WE3C	181/21/85	1194/31/125	2195/40/151	1868/37/148	1205/36/142
KB1H	71/14/44	901/28/101	1034/35/126	1814/35/138	1177/31/128
	1102500		Stand Loss	Street Section	State and
_	USA	MULTI-OPI	ERATOR M	ULTI-TRAN	SMITTER
KC1XX	584/27/98	2003/34/132	2700/40/162	2525/38/163	1797/36/151
W3LP1	651/26/98	1865/35/136	2417/40/159	2772/39/164	1680/37/152
R3LE	546/28/102	1449/96/199	9449/40/167	2720/20/166	1740/06/161



2003/34/132 2700/40/162

Jerome. N4JF, 4th USA QRP

Taking first-place world in the difficult category was Kyle, WA4PGM, operating from the VP9I club station. Number two in the world and first in the U.S. was Jim, KS1J. Third-place world and first in South America was Alex, PY2SEX. Here in the U.S. second place went to Dan, K2YWE, operating at K3AU. The third position in the U.S. went to Keith, W3KB. Taking away the top position in Europe was Rick, EA4ZK, located in the countryside south of Madrid. The second spot in Europe went to Sandi, S52OP, operating from the countryside north of Ptuj. Putting in outstanding efforts from challenging locations were 6V7Y, RV9CX, BD1EFO, VR2PX, J11RXQ, JH1RNI, JTØYAB, DU1/JJ5GMJ, W6TMD, N6NG, WØVX/5, WU8B/9, NØHR, and AD1C/Ø.

The continental winners were: North America VP9I (WA4PGM); Africa EA8BQM; Asia RV9CX; Europe EA4ZK; Oceania DU1/JJ5GMJ; South America PY2SEX; Japan JI1RXQ; U.S. KS1J.

Multi-Single

A winning multi-single station takes a lot of thought. A really competitive MS is two very good operators who can run and find multipliers. Setting

a new world record, atop of the world standings, was the effort of manned by a fine Russian team. Moving into the multi-single c and taking second place world was the Italian/Latvian team at D4 position in the world was the USA team at P4ØL. Multi-single competitive, especially within Europe. Taking the top European was TM6M from Brittany. Finishing second was the Slovak Group, OM8A. Third place went to the Romagna Contest Tear east of Firenze in Montecodruzzo. In the U.S., the job done by team was a lesson in how to operate MS. They made an outs score and ended up 6-million points ahead. The win for secon went to K5GO out in Arkansas. What a great effort from Stan Third-place U.S. went to the perennial top-placing efforts from team at K8AZ. Out in the western states, W7DR/6 was on top, § by N7DD. Outstanding performances were turned in by many te few of the calls appearing in many logs were: D4C, ED9M, B7P, 1 C4N, A73A, UO1P, A73A, HSØAC, AH2R, YE1C, ZM1A, ZM4T and AHØDX.

The continental winners were: North America K1LZ; Africa D² P33W; Europe TM6M; Oceania KH7X; South America P40L JG1ZUY; U.S. K1LZ.

Multi-Two

The Multi-Two category takes a lot of planning. Not only do you excellent team, you also have to time your band moves carefu again team CR3L took advantage of its location to find band (to the U.S. and Europe. The German/U.S. team of CR3L ran a world top honors. Second-place world honors went to the U.S PJ4A on the new DXCC country of Bonaire. Taking third pla world was the Voodoo contesters, 9L5VT. The callsign was in of K5VT, one of their members who passed away. First place went to long-time top finisher IR4T just west of Bologna. See in Europe was captured by Philippe's team at LX71, Located on tiful coast of Istria, the team of 9A1P took third-place honors tle for U.S. top honors was among Frankford Radio club team out on top was Sig's team at N3RS. They were followed WE3C's station also in eastern Pennsylvania. Third place i went to KB1H operating from East Killingly, Connecticut. In teams of 7J1YAJ and JA1ZGP finished first and second, re Several stations put rare multipliers on the air and made I When great operators activate tough places, they make con

EUROPE TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
CR2X	287/16/61	812/25/87	1409/33/111	1644/36/113	1925/36/117	614/21/80
CR6K	440/17/63	1259/23/91	1365/30/112	1216/33/111	1392/31/108	485/21/71
403A	197/11/51	954/20/73	2226/33/110	1845/38/115	1094/32/101	169/19/64
T7BA	495/14/60	1444/23/85	1342/30/93	1270/28/86	1210/27/94	53/14/30
OE3K	282/14/51	1011/29/83	1631/33/108	1270/30/95	659/34/88	160/14/43
	EUROPE	TOP SINGL	E OPERAT	OR ASSIST	ED ALL BA	ND
ER4A	325/12/59	1060/28/103	1938/35/140	1441/37/125	768/32/133	79/19/53
SOBA	152/17/66	1061/30/112	948/36/126	1059/38/137	391/33/143	14/9/13
S59ABC	93/13/54	627/23/82	1129/38/120	1089/35/105	546/37/118	65/22/47
UW3U	151/12/57	705/27/100	1641/36/142	722/38/123	572/36/133	142/18/59
DL8DYL	86/12/52	365/18/89	1114/32/102	1126/32/100	732/37/126	56/17/47
	EUROP	E MULTI-O	PERATOR	SINGLE TR	ANSMITTE	R
TM6M	320/20/84	968/30/113	1941/39/144	1781/39/132	1378/38/146	225/26/88
OM8A	365/26/92	1247/32/127	1807/40/154	1855/40/149	911/39/152	252/24/85
IR4M	359/20/89	824/26/118	1685/38/148	1532/37/139	1332/38/151	123/28/100
	EURO	PE MULTI-	OPERATOR	TWO TRA	NSMITTER	
IR4X	477/19/84	1415/30/123	2161/40/160	1957/40/151	1399/39/158	210/30/108
LX71	645/17/77	1765/31/118	2253/37/142	2289/39/143	1559/37/145	284/24/90
9A1P	338/16/69	1581/26/100	1827/37/137	1858/38/127	1279/37/140	275/26/98
	EUROP	E MULTI-O	PERATOR	MULTI-TRA	ANSMITTER	3
DFØHO	1190/23/93	2333/32/130	3060/39/164	2307/39/160	1187/38/163	383/26/112
EA2EA	1162/19/77	2121/32/121	2687/37/148	2864/38/145	1953/39/154	679/27/95
1.79W	1009/15/77	2357/36/128	3298/38/152	2401/40/150	1463/37/147	444/30/105

9L5VT, VP2E/K1XM; RM9X, TC3A, B1Z, P3F, ZA3HA, KH6LC, and AHØBT all added to the fun.

The continental winners were: North America N3RS; Africa CR3L; Asia P3F; Europe IR4X; Oceania KH6LC; South America PJ4A; Japan 7J1YAJ; U.S. N3RS.

Multi-Multi

Entering the multi-multi category is a real challenge. Look to the multimulti band-by-band breakdown to see how many multipliers and QSOs were possible to work. Months of planning the station site, gathering operators together, and waiting to see what nature deals you make for a combination of satisfaction and excitement. Traveling to Gambia for a big multi-multi takes months of planning. C5A, operated by the OMØC Contest Team made up of OM and OK contesters, did all the right things to take the world trophy. Great job! The Caribbean Contesting Consortium team, PJ2T, took second-place world from the new country of Curacao. Breaking into the world top three is not easy. Repeating their third place world finish and number one in the U.S. was KC1XX, Matt's team from southwestern New Hampshire. The battle for second place in the U.S. was close. Only 61K points separated the contenders. When all the smoke cleared, W3LPL was in second place. Not far behind, K3LR took third place in the U.S. Both KC1XX (598) and K3LR (597) were just a few countries shy of six-band DXCC! The European crown was taken away by DFØHQ, the Ilmenau Contest Club. Second place in Europe went to the 19-man team of EA2EA located not far from the Bay of Biscay. Third place in Europe went to the LZ Contest Team operating LZ9W. From farther west in the U.S., NR5M, KØRF, and WØAIH/9 again did fantastic jobs. Finishing number one in Japan was the Nara team of JA3YBK, just edging out 8N5A. Putting together a multi-multi from an interesting QTH is tough. The following stations ended up in a lot of logs: ZL8X, HD2M (SK6M contest team), VK1CC (VK contest club), and RA9A

The continental winners were: North America KC1XX; Africa C5A; Asia JA3YBK; Europe DFØHQ; Oceania ZL8X; South America PJ2T; Japan JA3YBK; U.S. KC1XX.

Team Contesting

A lot of planning goes into the top teams to aim for potential top scores. Teams can be formed with members from anywhere in the world. You

TOP SCORES IN MOST ACTIVE ZONES

K3WW	UW3U
	RG6G4,293,648
Zone 14	RG3K3,819,242
CR2X	RX3APM
CR6K	
DL8DYL	Zone 20
TM6X	P3N 11,654,496
DK6XZ	C4W6,888,602
GM7R	TC7M
	YO3APJ
Zone 15	*C4Z
4O3A7.487,742	
T70A	Zone 25
OE3K5,849,288	JH4UYB
SO8A5,478,840	JA6GCE
S59ABC 5,460,392	JS3CTQ
	JA6LCJ
Zone 16	JA70LE 1.776.649
ER4A8.169.728	"Low Power
	Zone 14 CR2X 10.206.848 CR6K 8.691.975 DL8DYL 5.318.640 TM6X 4.983.927 DK6XZ 4.970.368 GM7R 3.977.358 Zone 15 4O3A 7.487.742 T70A 5.929.936 OE3K 5.849.288 SO8A 5.478.840 S59ABC 5.460.392 Zone 16

can submit your team list to <teams@cqww.com>. For 2010 CW, top honors went to Team "Pile-Up Survivors" followed by Contest Club Finland Team Sauna and Black Sea Team. Great job by all! The results of Team Contesting are as follows:

Team "Pile-Up Survivors": 8P5A (W2SC), CR3E (CT1BOH), PZ5T (VE3DZ), V47NT (N2NT), ZD8O (N5ZO): 57,471,354

2. Contest Club Finland Team Sauna: 5R8WW (OH2BBM/8), CR2X (OH2UA). OH0Z (OH6EI), OH2BH (OH1WZ), OH8X (OH6UM): 30,512,718

3. Black Sea Team: 4L0A (UUØJM), ER4A (UT5UDX), TC7M (R5GA), UX5D (UT7DK): 28,160,845

4. WWYC Team #1: SO2O (SQ2GXO), LN5O (LA6FJA), OQ5M (ON5ZO), NH2T (N2NL), TA3/OZ1AA: 19,118004

5. Florida Contest Group #1: HI3A (AD4Z), K1TO, N4UU: 13,985,956

6. Florida Contest Group #4: K4PB, K5AUP, KE1F, KN4Y: 11,860,023

7. Carolina DX Association: ISØ/K7QB, N2TU, N4ZC, W3GQ, W3OA: 11,320,594

8. MCC#1: VE1OP, VE1RGB, VE1DT, VY2SS, VE9MCC: 10,963,768 9. Code Sharks Too: ZS1EL, ZS4TX, V26K: 9,684,302

10. VKCC Suckers (Short Path): VK2BJ, VK4IU (VK4EMM), VK6AA (VK2IA), VK6LW: 9,301,370

11. KTU RC: LY2K, LY3B, LY4T, LY6A, LY9A: 8,825,594

12. Team Contest group du Quebec: VE2XAA/2, VC2A, VA2EW, VA2SG, VE2FK: 7,542,542



13. MONTeam: EA2AZ , EA2IF, EA2LU, EA2BVV, EA4ZK: 7,438,025

14. Florida Contest Group #2: N6AR, N4TB, N4WO, NA4CW, K4LQ: 5.825.019

15. WWYC Team #2: YU7W (YT7KM), N4YDU, SQ9UM, NN3W: 4,779,508 16. Contest Club Finland Team Sisu: OG2A, OG5B, OG6N, OH2LU, OH4A (OH6KZP): 2,881,216

17. DXXE Tigers: XE1CQ, XE1CT, XE1MM, XE2AC, XE2WWW: 2,795,682 18. Contest Club Finland Team Terva: CR6T (OH1NOA), EA8CUU (OH6CS), OG4T (OH4MFA), ZB2X (OH2KI): 2,784,115

- 19. Killer Whales of Team Orca: VA7ST, VA7KO, VE7VR, VA7RN: 2,722,770 20. MCC - The Glass Elbow Guys: VE9AA, VE1ZA, VA1MM, VA1CHP, VY2LI: 2,148,848
- 21. Florida Contest Group #5: KQ4Y, NX4N, WAØUSA, WK2G, W1MO: 1,793,096
- 22. VKCC Dream Team: PAØMJR, VK2GR, VK3TDX: 1,568,404
- 23. VKCC Suckers (Long Path): VK2PN, VK4AN, VK4SN, VK6DXI: 890,951
- 24. Florida Contest Group #3: N4EK, N4GL N4KB: 526,267
- 25. DXXE Bobcats: XE1AY, XE1EE, XE1NW: 282,069

Clubs

Many contesters belong to a club. The collective experience within a club has helped many contesters install equipment and learn how to increase their operating skills. You can help your club's final score by getting on the air and joining in the fun. This time the world top score went to the dedicated operators from the Yankee Clipper Contest Club (228 entries). They were followed closely by the Frankford Radio Club (160). Third-place world and first place in Europe was the Bavarian Contest Club (247). Second place in Europe went to the Rhein-Ruhr DX Association (207). Third place outside the U.S. was Contest Club Ontario (90). Third place in the U.S. was the Potomac Valley Radio Club (185). Congratulations to the thousands of contesters who helped their club's score.

Records

"Looks like I made a new Austrian record in assisted," said OE4A. You may find a record you can try to beat. Each country, continent, and zone

CW & SSB COMBINED CLUB SCORES

United States YANKEE CLIPPER CONTEST CLUB FRANKFORD RADIO CLUB NORTHERN CALIFORNIA CONTEST CLUB NORTHERN CALIFORNIA CONTEST CLUB NORTH CALIFORNIA CONTEST CLUB SOUTH EAST CONTEST CLUB CENTRAL TEXAS DX & CONTEST CLUB CENTRAL TEXAS DX & CONTEST CLUB CENTRAL TEXAS DX & CONTEST CLUB SOUTH EXAS CONTEST CLUB HUDSON VALLEY CONTEST CLUB UDISIANA CONTEST CLUB UDISIANA CONTEST CLUB CTRI CONTEST GROUP NORTH TEXAS CONTEST CLUB CTRI CONTEST CLUB SOUTHER LODE DX/CONTEST CLUB SOUTHER CALIFORNIA DX CLUB SOUTHER CALIFORNIA DX CLUB SOUTHER CALIFORNIA DX CLUB SOUTHER CALIFORNIA DX CLUB SOUTHER NOCKLEST DX ASSOCIATION CENTRAL ARIZONA DX ASSOCIATION CENTRAL ARIZONA DX ASSOCIATION NORTHER NOCKLES DX ASSOCIATION CENTRAL ARIZONA DX ASSOCIATION NORTHER CALIFORNIA DX CLUB SOUTHER RADIO CLUB SOUTHER CALIFORNIA DX CLUB SOUTHER CALIFORNIA DX CLUB SOUTHER CALIFORNIA DX CLUB SOUTHER CALIFORNIA DX CLUB SOUTHER RADIO CLUB SOUTHER CALIFORNIA DX CLUB S	
YANKEE CLIPPER CONTEST CLUB	373,204,929
FRANKFORD RADIO CLUB	335,286,322
POTOMAC VALLEY RADIO CLUB	206,636,318
FLORIDA CONTEST GROUP	86 503 414
MINNESOTA WIRELESS ASSN	60,234,598
ARIZONA OUTLAWS CONTEST CLUB	
SOCIETY OF MIDWEST CONTESTERS	
SOUTHEAN CALIFORNIA CONTEST CLUB.	50 811 920
NORTH COAST CONTESTERS	
CAROLINA DX ASSOCIATION	32,684,047
GRAND MESA CONTESTERS OF CO	31,865,642
CENTRAL TEXAS DX & CONTEST CLUB	
TENNESSEE CONTEST GROUP	
WESTERN WASHINGTON DX CLUB	23,210,215
ALABAMA CONTEST GROUP	22 520 855
WILLAMETTE VALLEY DX CLUB	20.027.318
SKY CONTEST CLUB	
HUDSON VALLEY CONTESTERS & DXERS	. 18,490,325
LOUISIANA CONTEST CLUB	10 481 000
CTRI CONTEST GROUP	
NORTH FLORIDA DX ASSOCIATION	10,204,051
UTAH DX ASSOCIATION	
SOUTHWEST OHIO DX ASSOCIATION	5717 990
NORTH TEXAS CONTEST CLUB	
TEXAS DX SOCIETY	
OKLAHOMA DX ASSOCIATION	
WESTERN NEW YORK DX ASSOCIATION	3 639 233
KANSAS CITY DX CLUB	2,115,953
MISSISSIPPI VALLEY DX/CONTEST CLUB.	
SPOKANE DX ASSOCIATION	1.955.205
MILE HIGH DX ASSOCIATION	1.696.373
METRO DX CLUB	1.695.052
BRISTOL (TN/VA) ARC	1.638.028
SOUTHERN GALIFORNIA DX CLUB	1,428,065
NORTHERN ROCKIES DX ASSOCIATION	1,368,476
DELARA CONTEST TEAM	1,308,458
599 DX ASSOCIATION	1,179,268
LOUDOUN AMATEUR RADIO GROUP	1.043.943
SALT CITY DX ASSOCIATION	1,040,543
EASTERN IOWA DX ASSOCIATION	
CENTRAL ARIZONA DY ASSOCIATION	699 409
NORTHERN ARIZONA DX ASSN	
SOUTH JERSEY DX ASSOCIATION	
NORTHERN CALIFORNIA DX CLUB	
WEST PARK RADIOPS	414 465
DELAWARE LEHIGH AMATEUR RADIO CLL	B 405,376
ALL AMATEUR RADIO CLUB	
TENNESSEE VALLEY DX ASSOCIATION	275,609
ALBUQUERQUE DX ASSN	250 480
ALAMANCE AMATEUR RADIO CLUB	
NORTHEAST WISCONSIN DX ASSN	
STEHLING PARK AMATEUM HADIO CLUB	103 573
GREAT SOUTH BAY AMATEUR RADIO CLU	B
LOW COUNTRY CONTEST CLUB	
KENTUCKY CONTEST GROUP	
DX	
BAVARIAN CONTEST CLUB	273,274,061
RHEIN RUHR DX ASSOCIATION	186,275,681
ABAUCARIA DX GROUP	03,932,901
BLACK SEA CONTEST CLUB	80,773.141
URAL CONTEST GROUP	
DX DX BAVARIAN CONTEST CLUB RHEIN RUHR DX ASSOCIATION CONTEST CLUB ONTARIO ARAUCARIA DX GROUP BLACK SEA CONTEST CLUB URAL CONTEST GROUP CROATIAN CONTEST CLUB CONTEST CLUB FINLAND UKRAINIAN CONTEST CLUB	76,372,480
UKRAINIAN CONTEST CLUB	73 240 986
CHIPHINI OUVIEDI OLOO	

U CONTEST GROUP	69.276.316
LU CONTEST GROUP SLOVENIA CONTEST CLUB CT3 MADEIRA CONTEST TEAM SP DX CLUB	
CT3 MADEIRA CONTEST TEAM	.46,846,736
SP DX CLUB	42,190,596
CHILTERN DX CLUB	
SUSNIA AD HERZEGOVINA CONTEST CLUB.	41,732,012
ATVIAN CONTEST CLUB	33.621.089
WORLD WIDE YOUNG CONTESTERS	.32.880.278
WEST SERBIA CONTEST CLUB	32,556,272
LZ CONTEST TEAM	30,835,776
LA CONTEST CLUB	
RUSSIAN CONTEST CLUB	
UNGARIAN DV CLUB	24 906 096
MARITIME CONTEST CLUB	22,554,986
RIO DX GROUP	
UA2 CONTEST CLUB	22,424,028
VYTAUTAS MAGNUS UNIV. RADIO CLUB	21.507,923
YU CONTEST CLUB	
ES NOUVELLES DX	17 474 859
ITHUANIAN CONTEST GROUP	17 343 528
BRITISH COLUMBIA DX CLUB	,16.995,003
NICOSIA CONTEST GROUP	15,406,662
ORCA DX AND CONTEST CLUB	12,978,911
AUSTRIAN CONTEST CLUB	12,928,530
SOUTH URAL CONTEST CLUB	
VNY DX GROUP	11 026 020
CONTEST GROUP DU OUEBEC	11 462 815
BASHKORTOSTAN DX CLUB	
BELARUS CONTEST CLUB	. 10,120,612
CLIPPERTON DX CLUB	9,416,485
HAROS RADIO CLUB	
HA-DX-GLUB	8,441,717
TORRENT CONTEST CLUB	7 356 612
BELOKRANJEC CONTEST CLUB	7 335 747
CANTAREIRA DX GROUP.	7.265,228
SARATOVSKAYA OBLAST RADIO CLUB	6.830,383
ATLANTIC CONTEST CLUB	6,416.001
SOUTH GERMAN DX GROUP	6,105,096
ATCC	E EEE 125
ALES ST PETERSEUBG	5 650 323
GIPANIS CONTEST GROUP	
SHAKHAN CONTEST CLUB	
BEEMSTER CONTEST CLUB	5,063,670
GRIMSBY AMATEUR RADIO SOCIETY	
CE DX GHOUP	4,856,263
RIAM BY ODOLID	4 570 195
MOSCOW CONTEST CLUB	4 380 921
VOBONEZH RADIO CLUB	4.312.936
BESSARABIAN CONTEST CLUB	4,151,770
SK5AA VASTERAS RADIOKLUBB	4,038,189
ARCK	
CE CONTEST GHOUP	3,946,614
	3,808,220
YO DX CLUB	3 651 105
GERMAN DX FOUNDATION	
DOMODEDOVO.	
KIEV CONTEST GROUP	3,361.827
EAST COAST CANADA CONTEST CLUB	3,041,726
GRUPO DXXE .	3,016,081
CACKATOLICIMAN CONTECT OF UP	2 950 416
DANISH DX GROUP	2 935 743
MEDITERRANEO DX CLUB	2,747,181
TEMIRTAU CONTEST CLUB	2,696,468
VLADIMIR RADIO CLUB	2 610 520
TOP OF EUROPE CONTESTERS	and the second sec
	2,577,350
SP GONTEST GEUB	2,577,350
SP CONTEST CLUB	2,577,350 2,535,757 2,453,755 2,403,925
SF CONTEST CLUB. CSTA BUCURESTI SK6AW HISSINGENS RADIOKLUBB	2,577,350 2,535,757 2,453,755 2,403,875 2,289,352
SP CONTEST CLUB STA BUCURESTI SKRAW HISSINGENS RADIOKLUBB NNGU SHORTWAVE CLUB 237M CONTEST TEAM	2,577,350 2,535,757 2,453,755 2,403,875 2,289,352 2,205,180
SP CONTEST CLUB STA BUCUREST SK&AW HISSINGENS RADIOKLUBB NNGU SHORTWAVE CLUB Z37M CONTEST TEAM NOVOSIBIRSK CONTEST CLUB	2,577,350 2,535,757 2,453,755 2,403,875 2,289,352 2,205,180 2,192,616
SP DX CLUB CHILTERN DX CLUB SOSNIA & D HERZEGOVINA CONTEST CLUB AUNAS UNIV. OF TECHNOLOGY RCB LATVIAN CONTEST CLUB WORLD WIDE YOUNG CONTEST CLUB Z CONTEST TEAM ACONTEST CLUB RUSSIAN CONTEST CLUB RUSSIAN CONTEST CLUB RUSSIAN CONTEST CLUB RUSSIAN CONTEST CLUB RUD GROUP UN CONTEST CLUB RUD GROUP UN CONTEST CLUB RICD X GROUP UN CONTEST CLUB RICD X GROUP UN CONTEST CLUB RICD X GROUP CONTEST CLUB RICD X GROUP CONTEST CLUB RUD CLUB HENARES LES NOUVELLES DX LITHUANIAN CONTEST GROUP BRITISH COLUMBIA DX CLUB NICOSIA CONTEST GROUP DRCA DX AND CONTEST CLUB SOUTH URAL CONTEST CLUB SARATOVSKAYA OBLUS ANADY SADIO CLUB ATLANIC CONTEST CLUB SOUTH GERMAN DX GROUP SOUTH GERMAN DX GROUP SHAKHAN CONTEST CLUB SOUTH GERMAN DX GROUP SHAKHAN CONTEST CLUB SOUTH GERMAN DX GROUP SHAKHAN CONTEST CLUB SHAKHAN DX GROUP MEDITERTA ADIO CLUB SHAKHAN DX GROUP SCONCEDOVO. KIEV CONTEST GROUP SEPTICUJU PLOIESTI SAKAT CHUS SINGENS RADIOKLUBB ANGU SHORT WAYE CLUB STA BUCHANTES	2,577,350 2,535,757 2,453,755 2,403,875 2,289,352 2,205,180 2,192,616 1,995,336

RU-QRP CLUB	1,984,339
GRUPO ARGENTINO DE CW	1.951.009
UNIVERSITY OF TOKYO CONTEST CLUB 1	1.910,132
KIEL CANAL AKTIVITY GROUP	1.905.620
JABLANIK BEARS CONTEST CLUB	1 903 554
TRANSILVANIA CONNECTION	1.880.356
UNION FRANCAISE DES TELEGRAPHISTES	1.858.236
VERENIGING VAN RADIO ZEND AMATEURS	1.821.508
ACTIVITY SMOLENSK GBOUP	1 819 473
RADIO AMATEUR ASS OF W GREECE	1 737 671
599 CONTEST CLUB	734 272
ORENBURG CONTEST CLUB	728 377
CZECH CONTEST CLUB	1 631 875
NOVOKUZNETSK BADIO CLUB	1 604 831
WEY VALLEY AMATELIE BADIO GROUP	1 586 452
DNEPP CONTEST OPOLIP	1 561 104
ADCO	1561 115
CENTRAL SIDEDIA DV CLUB	1,501,115
UDDPALA DADIOVIUD	1,000,029
DODOL CK	1,389,302
COUTLEDAL ORAVA CONTECT CLUD	1 211 227
DEDUCIA CONTEST CLUB	201 852
PERIOGIA CONTEST CLUB	1.201,652
MARIEL RADIO CLUB	1,192,897
H4F-DX-G	1,139,118
SK/OA SWEDISH SOUTHCOAST	
RU-ORP CLUB GRUPO ARGENTINO DE CW UNIVERSITY OF TOKYO CONTEST CLUB JABLANIK BEARS CONTEST CLUB TRANSILVANIA CONNECTION UNION FRANCAISE DES TELEGRAPHISTES. VERENIGING VAN RADIO ZEND AMATEURS ACTIVITY SMOLENSK GROUP RADIO AMATEUR ASS. OF W. GREECE 599 CONTEST CLUB OPENBURG CONTEST CLUB NOVOKUZNETSK RADIO CLUB. WEY VALLEY AMATEUR RADIO GROUP DNEPR CONTEST GLUB NOVOKUZNETSK RADIO CLUB. WEY VALLEY AMATEUR RADIO GROUP DNEPR CONTEST GLUB NOVOKUZNETSK RADIO CLUB. WEY VALLEY AMATEUR RADIO GROUP DNEPR CONTEST GLUB NOVOKUZNETSK RADIO CLUB. WEY VALLEY AMATEUR RADIO GROUP DNEPR CONTEST GLUB MARI EL RADIO CLUB MARI EL TORO CONTEST CLUB ONBASS GUARA DX GROUP IOMA DISTRICT ARS GUARA DX GROUP IOMA SCIETY DONBASS MATEUR SOCIETY DONBASS GUARA DX GROUP IOMA CONTEST TERS TARTU CONTEST TERS TARTU CONTEST RES TARTU CONTEST TERS TARTU CONTESTERS OF JAPAN. CDR GROUP - HORNET DX TEAM. CDR GROUP - HORNET DX TEAM. CDR GROUP AND DISTRICT ARS SAMARA RADIO CLUB STAVROPOL REGION RADIO CLUB EFREMOVSKY RADIOCLUB	1 100,526
DONBASS.	1.039,563
NEWBUHY AND DISTRICT ARS	1.027.899
GUARA DX GROUP	1.025.374
LOMA DEL TORO CONTEST CLUB	1.020.235
OMSK RADIO CLUB	
OBNINSK ORU CLUB	
WATERLAND	931,886
VRHNIKA CONTESTERS	924.853
TARTU CONTEST TEAM	
CSTA SUCEAVA	855,179
ARKTIKA	.848,932
RTTY CONTESTERS OF JAPAN	.835,413
CDR GROUP · HORNET DX TEAM	825,559
IVANOVO DX CLUB	787.510
IVANOVO DX CLUB SAMARA RADIO CLUB STAVROPOL REGION RADIO CLUB EFREMOVSKY RADIOCLUB FALKOPINGS RADIOCLUB BANGOR AND DISTRICT ARSOCIETY NORTHERN GREECE CONTEST TEAM MOSCOW RADIO CLUB RADIOAMATOR ARJ ARAD VOLYN CONTEST GROUP BRACKNELL AMATEUR RADIO CLUB UNIAO SANTAMARIENSE DE RADIOAMADORES BKV RADIO CLUB	
STAVROPOL REGION RADIO CLUB	700,997
EFREMOVSKY RADIOCLUB	.662.453
FALKOPINGS RADIOCLUB	.643.180
BANGOR AND DISTRICT ARSOCIETY	610,592
NORTHERN GREECE CONTEST TEAM	598,208
MOSCOW BADIO CLUB	556,646
BADIOAMATOR.	
ABJABAD	425,760
VOLYN CONTEST GROUP	408 253
BRACKNELL AMATEUR BADIO CLUB	405 514
UNIAD SANTAMARIENSE DE RADIOAMADORES	399 263
RKV RADIO CI LIB	395 950
LIKRAINIAN ANTARCTIC DX CILLR	361 306
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KRAYA	326 126
CSM BAIA MARE	316 859
IBKLITSK BADIO CI LIB	285 620
FOX CONTEST CLUB	283 070
LIB-ORP-CLUB	275 206
VAROSI AVI CONTEST CIVID	256 224
CVADY	258 005
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CO ON VED FOX DEVA	171 001
MARINI AMATEUR RADIO CLUR	166 (00)
VONDACE	151 022
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GLOB DE HADIO EXPERIMENTADORES DE	140 710
COCIDENTE	.110,746
KIHOV HADIO CLUB	
TUHKISH SPECIAL WIRELESS ACTIVITY TEAM	1
GWJF GROUP	61,906
CS AEROSTAR BACAU	
DUNDEE AMATEUR HADIO CLUB	
TANGO FOX RADIO FOXES	
SPORT CLUB MIERCUREA-CIUC	
KRISTIANSTADS RADIOAMATORER	
POISK MICHUPINISK CONTEST GROUP CS SILVER FOX DEVA WAIKIKI AMATEUR RADIO CLUB KRIVBASS CLUB DE RADIO EXPERIMENTADORES DE OCCIDENTE KIROV RADIO CLUB TURKISH SPECIAL WIRELESS ACTIVITY TEAK CWJF GROUP CS AEROSTARI BACAU DUNDEE AMATEUR RADIO CLUB TANGO FOX RADIO FOXES. SPORT CLUB MIERCUREA-CIUC KRISTIANSTADS RADIOAMATORER LAKE WETTERN DX GROUP	4,799

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has its own set of records. The records are maintained on the <cqww.com> website. If you discover an error in the records, please document it and let us know at <questions@cqww.com>. The records for the new assisted categories, low power and QRP are now included. The following stations used their skills to obtain new CW records. Congratulations!

World: L1.8 GW3YDX; A21 HK1R; A14 HK1X; MS P33W. U.S.: A K5ZD/1; 7 N4PN; L3.5 NA8V; AA K1AR; A7 KI1G; A3.5 KVØQ; A1.8 K1LT/8. North America: A V47NT (N2NT); L7 C6ATA (K2KW); L1.8 C6ARR (N6BT); AA K1AR; A7 K11G; A3.5 KVØQ. Africa: Q21 SU/HA3JB; MS D4C. Asia: A P3N (R2AA); L3.5 UK9AA; Q7 UNØL. Japan: No records. Europe: A CR2X (OH2UA): 3.5 SN3A (SP3GEM); L1.8 GW3YDX; Q7 HG1DX (HA1XR); A21 EA6FO; MS TM6M. Oceania: A21 ZL1BYZ. South America: 21 ZX5J (PP5JR); A21 HK1R; A14 HK1X; A7 PW2B (PY2HL); A1.8 PV8DX.

Special Mention

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"Wow DXCC on 20 and 40 meters," commented ABØRX. "Very pleased with the 96 countries, 25 zones, and 355 Qs with a guarter-wave vertical. Thanks for a great contest," from K2RR. If you want to work rare and interesting places over a weekend, the CQ WW is famous for many DXpeditions. Some of the entrants making the contest more interesting for all of us were: V26K, 8P5A, V31BD, J79WTA, HI3A, FS/K9EL, FS/K9NB, J39BS, HR1RTF, TO5T, YN4SU, HKØGU, TO3A, PJ5/SP6EQZ, V47NT, VP5CW, ZD8O, VQ9LA, EA9IB, J28AA. SU0HP, 5Z1N, 5Z4EE, 5R8WW, CN2R, CN8YR, V51YJ, 5N7M, ST2AR, 5H3EE, 3V3A, 5X1XA, 9J3A, TC4X, TA3AX, TA3/OZ1AA, 4K6FO, 4K9W, B4S, 4LØA, 4L8A, 4L2M, VR2EH, VU2PTT, VU2PAI, VU2BGS, UOØL, UN9L, 9K2HN, 9K1YM, EX2X, EX2A, OD5NJ, 8Q7DV, JT5DX, A45XR, HZ1PS, 7Z1SJ, 9V1YC. 4S7KM, BU2AV, BW3/DJ3KR, EY8MM, EY7BJ, HSØZEE, E21YDP, ZC4LI, UK9AA, XV2RZ, 9M2TO, 9M2MRS, C31CT, OY6A, ZB2X, MUØFAL, GD4EIP, GJ2A, 9H1XT, 4O3A, T7ØA, GZ7V, JW1CCA, ZL7NV, ZL7VR, 9M6/KMØO, 9M6XRO, 9M6YBG, 9M8YY, NH2T. V63YT. R1ANP, PJ4LS, FY5FY, PZ5T, MJØASP. SU/HA3JB, VP9I, FM5LD, YS1GR, IH9R, IH9X, J28RO, CN3A, 6V7Y, Z24EA, BD2SH/7, BD1EFO, VR2XLN, VR2KW, VR2PX, OD5KU, JTØYAB, HZ1FS, A65BP, A65CA, XV1X, 3W1M, ZA/HA1ZN, SV5DKL, OY1CT, GU4YOX, MD2C, MD4K, MD6V, KG6DX, FO8RZ, ZF1A, VP2MSC, H7V, D4C, ED9M, 5C5T, 4K7Z, B7P, BY8AC, BA4ALC, BY3CQ, P33W, C4N, VU2RMS, A63A, HSØAC, TA1KB, AH2R, YE1C, ZK2A, AHØDX, VPE/K1XM, 9L5VY, TC3A, B1Z, P3F, ZA3HA, 9H3TX, AHØBT, PJ4A, IH9GPI, C5A, 9M2SDX. ZL8X.

Comments

Conditions were excellent to strange. Nevertheless, contesters found a way to extract the maximum CW fun. The low bands were outstanding. In spite of the conditions, the 2010 CQ WW CW contest set an all-time high! We received 6,129 CW contest logs, of which about 6,000 were electronic! Between the SSB and CW WW DX Contests 12,700 logs were received! If you wan! to have fun and work a lot of DX, the CQ WW is the place to be.

Your continued submission of an electronic log allows the CO WW CC to process the enormous amount of data received. We have again provided open logs so that you can learn about propagation and how the top scorers do their operating. Thanks to all the contesters around the world who sent in a log. Please send in your log no matter how small. Submitting an electronic log is easy. Send your CW log to <cw@ cqww.com> (SSB log to <ssb@cqww.com>. Please send your log in Cabrillo format. If you did everything OK, you will get back an acknowledgment. If your radio has the capability, please submit a log with exact frequencies for each QSO. Please make sure the correct category is indicated and the call you used in the contest is shown. Enter 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 contest web page at: <http://www.cqww.com>.

The announcement last year of an increased award system for assisted entrants was very well received with praise for this change. The assisted categories are fast becoming the place to have fun by using the internet. New trophies and two completely new award programs are now available: low power and QRP assisted. All assisted categories are fully competitive and fun. Maintaining a separation between the assisted and non-assisted catedories has been a challenge for the CQ WW CC. The honesty of entrants within the top scores box must be a big priority. The top scores box includes all trophy and many certificate winners. Please remember, the use of QSO help-a spotting network of any kindplaces you in the assisted category. When you do use a spotting aid, please claim to be assisted. Other entrarits are counting on you to do what is ethically correct, and that is to indicate the category you operated. Remember the use of undeclared packet, the use of additional operators for a single operator enlry, two signals at the same time on the same band or on separate bands at the same time, if you are single operator, is in violation of the CQ WW rules. Remember, if you plan to try to make the elite Top Score box, you can count on your log being carefully checked to ensure fair play. The contesters trying to achieve a position in the Top Scores box must realize the necessity of honesty in their efforts. In a perfect world we would not have to spend extra effort to check potential top contenders; however, some entrants feel they must win even if it means not following the

rules. Those few entrants who make the Top Scores box are important because they set an example of what is possible in our sport. The CQ WW CC lully supports the Contesting Code of Ethics produced by the World Wide Radio Operators Foundation. The code can be found at <http://wwrof.org/contester-code-of-ethics/>.

Recent advances in software and hardware continue to provide new ways to verify an entrant's results. The CQ WW CC has access to the full contest for each band from various recording sites around the world. Aside from providing educational data, we can now check whether an entrant has two signals on the air at the same time on a band. As you can guess, transmissions of this type are against the rules. Many multi-operator stations still do not prevent the chance of two simultaneous signals via an interlock system. A new rule has been written requiring all stations with the possibility of two transmitters on a single band to have a software or hardware interlock to prevent signal overlap. In simple words, if you have two transmitters on a band, you must have an interlock.

The new Xtreme category allows for innovation and implementation of new technologies. The results of the Xtreme category can be found on the CQ WW <cqww.com> and CQ <www.cq-amateur-radio.com> websites.

Thanks

The final scores you see in the results are the product of a lot of work. The CQ WW Committee uses many log-checking tools to make sure you are listed correctly and the winners receive proper recognition. The members of the committee who provided insight into many contesting topics are: CT1BOH, DB7MA, DJ6QT, DL6RAI, E21EIC, ES5TV, F6BEE, G3SXW, HA1AG, IK2QEI, JE1CKA, K1AR, K1DG, K3LR, K3WW, K3ZO, K5TR, K5ZD, K6AW, KM3T, KR2Q, KT3Y, LY3BA, LZ2CJ, N2AA, N2NC, N2NT, N3ED, N5KO, N6AA, N6TR, N6TW, N8BJQ, N9RV, OH2MM, OH6LI, PA3AAV, PP5JR, RA3AUU, S5ØA, USØLW, VE3EJ, W3ZZ, W5OV, W6OAT, W7EJ, WØYK, YU1EW and ZS4TX. A special thank you to Ken, K1EA, who spent countless hours making the CQWW database the best in contesting. We want to thank Barry, W5GN, who has provided the machinery to send certificates to you in a timely manner.

Congratulations to all the winners and entrants! CU in the 2011 contests!

73, Bob, K3EST

(Continued on page 102)

