

Results of the 2012 CQ WW DX 160 Meter Contest

BY ANDY BLANK,* N2NT

In 2011 there were a total of 42 scores over 1-million points. In 2012, there were a total of five.

Needless to say, conditions have begun to deteriorate on Topband, but even with less-than-ideal conditions, what better way to spend a cold weekend (depending on where you are, of course) than in the CQ WW 160 Meter Contest (CW last full weekend of January; SSB last full weekend of February)? Very few records were broken in this year's contest, but lots of fun was had by all. Most of the regulars were on, as well as some sought-after DX entities.

When the count was done, 3190 logs were submitted, 2089 on CW and 1101 on SSB. Understandably, this was down from 2011 by almost 400 logs, but then again, conditions were exponentially better in 2011.

What makes Topband interesting is the unpredictability of the conditions. Some years the southern tier dominates, but this year it was the north that had the advantage.

The father-and-son team of Jeff and Patrick Briggs had the highest single operator scores on both modes from the VY2ZM superstation on Prince Edward Island (PEI). Jeff's score was second only to the Assisted world high score made by another Jeff, K8ND, operating from PJ2T. It must be an advantage to be named Jeff! PJ2T now holds the South America record for Single Op and Single Op Assisted, and the highest score of all competitors in the 2012 contest! Harry, RA3AUU, operating from P33W, made a valiant effort but could not equal Jeff's multiplier count, with more state-side/VE multipliers.

On SSB, Patrick, K6AAX, made the highest score of all competitors. Conditions on SSB were way down this year, so sitting in the chair for 40 hours required a lot of perseverance.

In the Multi-Op category there is always a spirited competition stateside among the W8JI, K1LZ, and W2GD crews. This year K1LZ emerged victorious, working more EU stations the second night than the others. On the DX side, only 40K separated E7DX and S52OP. Braco's crew had the edge in QSOs. The S52OP crew was a portable location using a balloon vertical!

On SSB, S52OP took the top spot over EI7M in Multi Op. K1LZ took the USA title again, but with only 332K. The conditions just weren't the best for the SSB contest this time. Another perennial winner from the

Briggs family was Peter, K3ZM, with a score of 322K, just below the K1LZ Multi effort. Peter also took the World Combined Single Op trophy once again! Congratulations.

CW Highlights

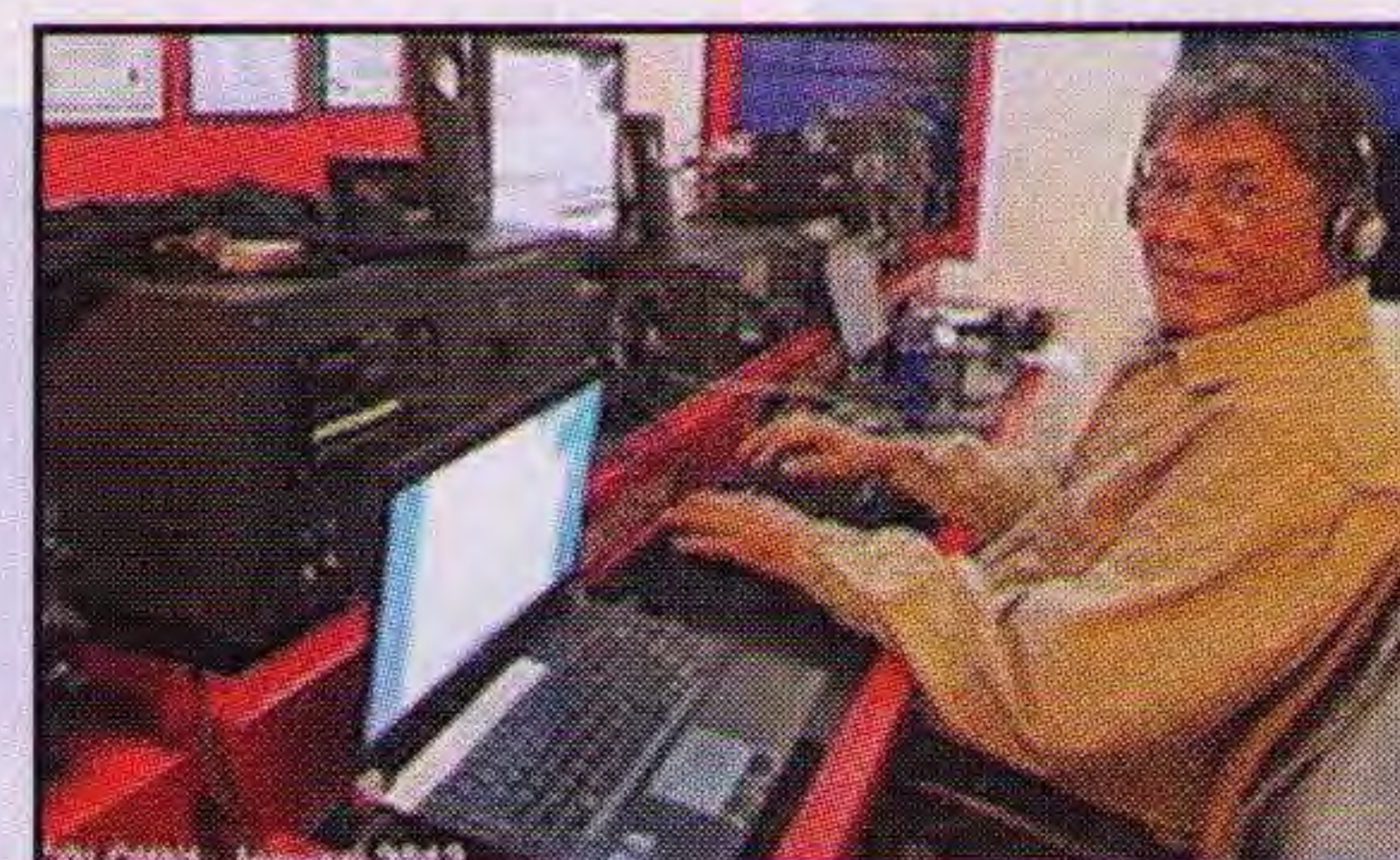
In highly competitive Europe, YU1EA operating YT8A took the top spot over OK1RF at CS2C by only 30K. In Low Power, another 30K was the margin of victory between winner LY2IJ and SP3HLM. Low Power USA was taken by John, W2ID, by only 14K over W2TZ. In VE3, John, VE3EJ, won the Ontario honors over fellow CCOers VE3TA and VE3AT.

In the QRP category, VE3MGY and N8VW took the top two spots. QRP on 160 is *hard*! Kudos to all the QRPers who stuck it out. In EU, SP2DNI edged out DJ7WW by only 5K.

This year I thought I would highlight some of the operations from places where you cannot make a world high score, but nonetheless there are spirited competitions.

In USA zone 4, K1LT in Ohio took top honors over Jim, K5RX. If you don't think Jim takes the CQ 160M Contest seriously, read his story (*Note: All QRM, including this story, will be posted on the CQ website (www.cq-amateur-radio.com), CQ WW 160 Meter Contest 2012, "Expanded Results," as well as the list of Guest Ops and full tables—ed.*).

Also check out the picture in this article of the Multi-Op crew in New Mexico, NI5T,



Here is YC0LOW making a big score from rare Oceania in this contest. Thanks, Jo!

with some very-high-tech RX arrays. Some of the stuff the big stations use is wild. W8JI set the standard, with others are trying to keep up. In Low Power K8FH and NA8V were only 3K apart!

In Zone 3, K7NV operating from W7RN took the top spot over AC6DD in the Single Operator category, with N7DD again claiming top West Coast Multi. In Low Power, N7IR and W7RH were also only 3K apart.

In the Assisted categories, while PJ2T and P33W were able to break the elusive 1M-point barrier, LX7I and SN7Q were not far behind.

VE3NE coasted to victory in Canada over VE3RZ, while K3WW and N3UA took #1 and #2 USA.

Riki, K7NJ, took #1 Assisted from the West Coast U.S.A. over N6SS. K9OM had the top zone 4 score.



Congratulations to the team at S52OP who piloted the station to the World Multi-Op Combined Trophy using a balloon vertical!

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Other scores of note were HK0NA from Malpelo, coming in 9th in the world Multi Op. The team of HK1MW, HK1X, K4UEE, W0GJ, and W6IZT made a lot of DXers happy with a great multiplier.

Many thanks to 5H3EE, 3V8SS, VR2EH, BA4QO, VU2BGS, BV1EK, HS0ZEE, 7Z1SJ, 9M6YBG, YC0LOW, T88TW, VP6T (F6BEE), A61BK, ST2AR, VR2PX, GJ2A (K2WR), A65BP,

4U1WRC (N4QX), DU1/JJ5GMJ, and T32XX for activating some rare countries for the contest.

SSB Highlights

A nice job by Jerry, WB9Z, to hang in there Single Op with K3ZM and N4PN in zone 4. In Canada, VE6BBP cracked the top 5, with

2012 CQ WW 160M CONTEST TROPHY WINNERS AND DONORS

CW

SINGLE OPERATOR

World

Jeffrey T. Briggs, VY2ZM

Donor: Bill Tippet, W4ZV – DJ8WL Memorial

World Low Power

Arunas Vaglys, LY2IJ

Donor: Ed Parish, K1EP

World QRP

Brian Campbell, VE3MGY

Donor: Wayne Mills, N7NG

World Assisted

Jeffrey Maass (K8ND), PJ2T

Donor: Andy Chesnokov, UA3AB

Southern Hemisphere

Al Van Buren, CE1/K7CA

Donor: Robert Kile, W7RH

U.S.A.

Peter H. Briggs, K3ZM

Donor: Ken Byers, K4TEA

U.S.A. Low Power

John Worthington, W2ID

Donor: Rich Kennedy, N4ESS

U.S.A. QRP

Pat Collins, N8VW

Donor: Bob Raymond, WA1Z

U.S.A. Assisted

Charles D Fulp, Jr., K3WW

Donor: Akito Nagi, JA5DQH

U.S.A. Zone 5

Doug Grant, K1DG

Donor: Paul H. Newberry, Jr., N4PN

U.S.A. QRP Zone 4

Charlie Hansen, N0TT

Donor: Dale Putnam, WC7S

U.S.A. Assisted Zone 3

Riki Kline, K7NJ

Donor: Larry Pace, N7DD

North America

Herb Schoenbohm, KV4FZ

Donor: CQ magazine – N4IN Memorial

Canada

John Sluymer, VE3EJ

Donor: Alabama Contest Group

Canada Low Power

Anthony Ratajczak, VE1ZA

Donor: Contest Club Ontario

Zone 3

Comstock Memorial Station (K7NV) W7RN

Donor: Milt Jensen, N5IA

Zone 4

Ron Vander Kraats, VE3AT

Donor: Steve Schmidt, K4WA

Africa

Mike Stange, 5H3EE

Donor: James "Skip" Riba, WS9V

Asia

Nick Perminov (UN4L), UP2L

Donor: Missouri DX/Contest Club

Asia – Assisted

Igor Booklan (RA3AUU), P33W

Donor: Nodir Tursoon-Zadeh, EY8MM

Japan

Masaki Okano, JH4UYB

Donor: Alabama Contest Group

Europe

Dusan Chea (YU1EA), YT8A

Donor: John Battin, K9DX

Europe Low Power

Czeslaw Dubicki, SP3HLM

Donor: Petr Ourednik, OK1RP – DL1RK Memorial

Europe QRP

Andrzej Michowski, SP2DNI

Donor: Gary Breed, K9AY

Europe Assisted

Philippe Luty, LX7I

Donor: Carsten-Tomas Dauer, DL2OBO

Russia

Sergey Artyomov, R3DX

Donor: UA2 Contest Club

Oceania

Kevin Smith, VK6LW

Donor: John Battin, K9DX

South America

Camilo Fierro, HK3TU

Donor: John Rodgers, WE3C

MULTI-OPERATOR

World

Emir - Braco Memic, E7DX

(9A1TT, 9A9R, E70R, E70T, E74IW, E76C,

E77DX, E77WM ops)

Donor: Hugh Valentine, N4RJ

U.S.A.

Krassimir Petkov, K1LZ

(K1LZ, KB1WKF, K3JO, N8BO ops)

Donor: W8UVZ, W0CD, K8GG

Zone 3

Larry Pace, N7DD

(W8TK N7DD ops)

Donor: Riki Kline, K7NJ/4X4NJ

Europe

Aleksander Spindler, S52OP

(S51V, S52OP, S59A ops)

Donor: Bob Evans, K5WA

SSB

SINGLE OPERATOR

World

Patrick W. Briggs (K6AAX), VY2ZM

Donor: Bill Barr, N4NX

World Low Power

Slavko Celarc, S57DX

Donor: Howard Klein, K2HK

World QRP

James F. S. Eppright, K5RX

Donor: Mike Schwieterman, K7DSL

World Assisted

Luis Ezequiel Pinto Gomes, CT3DL

Donor: Ray Sokola, K9RS

Southern Hemisphere

Al Van Buren, CE1/K7CA

Donor: Riki Kline, K7NJ/4X4NJ

U.S.A.

Peter H. Briggs, K3ZM

Donor: CQ 160 Contest Committee

U.S.A. Low Power

Fred Groner, W2TZ

Donor: Tim Duffy, K3LR

U.S.A. Assisted

Manny Fonseca, Jr., W2MF

Donor: Mississippi Valley DX & Contest Club

U.S.A. Zone 3

Jim Stevenson, W6YI

Donor: Dr. Larry Flegle, N4TMW

U.S.A. Zone 4

Jerry Rosalius, WB9Z

Donor: Alabama Contest Group

U.S.A. Zone 5

Paul H. Newberry, Jr., N4PN

Donor: Jim Monahan, K1PX

North America

John Barcroft (K6AM), ZF2AM

Donor: CQ magazine – K2EEK Memorial

Canada

Paul Hudson, VE3TA

Donor: Alabama Contest Group

Canada Low Power

Don Graziano, VE3VZ

Donor: Rudy Bakalov, N2WQ

Africa

Raffaele Vitrano, IH9YMC

Donor: Carl Henson, WB4ZNH

Asia

Gabriel Mardiros, OD5NJ

Donor: Ed Campbell, NX7TT

Asia Assisted

Norman Banks, 5B4AIF

Donor: Nodir Tursoon-Zadeh, EY8MM

Europe

Rein Kolk, ES5RW

Donor: James "Skip" Riba, WS9V

Europe Low Power

Burkhard Berenbrink, DF8XC

Donor: Contest Club Ontario

Europe Assisted

Massimo Cortesi, IZ4DPV

Donor: Emir-Braco Memic, OE1EMS

Russia

Roman Kruzhallin, R2EAA

Donor: UA2 Contest Club

Oceania

Feri Yusivar, YC1COZ

Donor: Al Teimurazov, 4L5A

South America

Eduardo Araujo, LU2DKT

Donor: John Rodgers, WE3C

MULTI-OPERATOR

World

Aleksander Spindler, S52OP

(S51V, S52OP, S59A ops)

Donor: Southeast DX Club

Zone 3

Patrick G Hess, NK7C

(KF7FQU, N7CQQ, N7NND, NK7C, W7RH ops)

Donor: Paulo Costa Leite, PV8DX

U.S.A.

Krassimir Petkov, K1LZ

(K3JO, KB1RDZ, N8BO ops)

Donor: Jerry Rosalius, WB9Z

Europe

East Cork Radio Group, EI7M

(EI3JE, EI3JZ, EI3KD, EI6BT, EI8IR, G4CLA ops)

Donor: South Jersey DX Association, N2CW

World Single Operator Combined SSB/CW

Peter H. Briggs, K3ZM

Donor: Alex Tkatch, KU1CW

World Multi-Operator Combined SSB/CW

Aleksander Spindler, S52OP

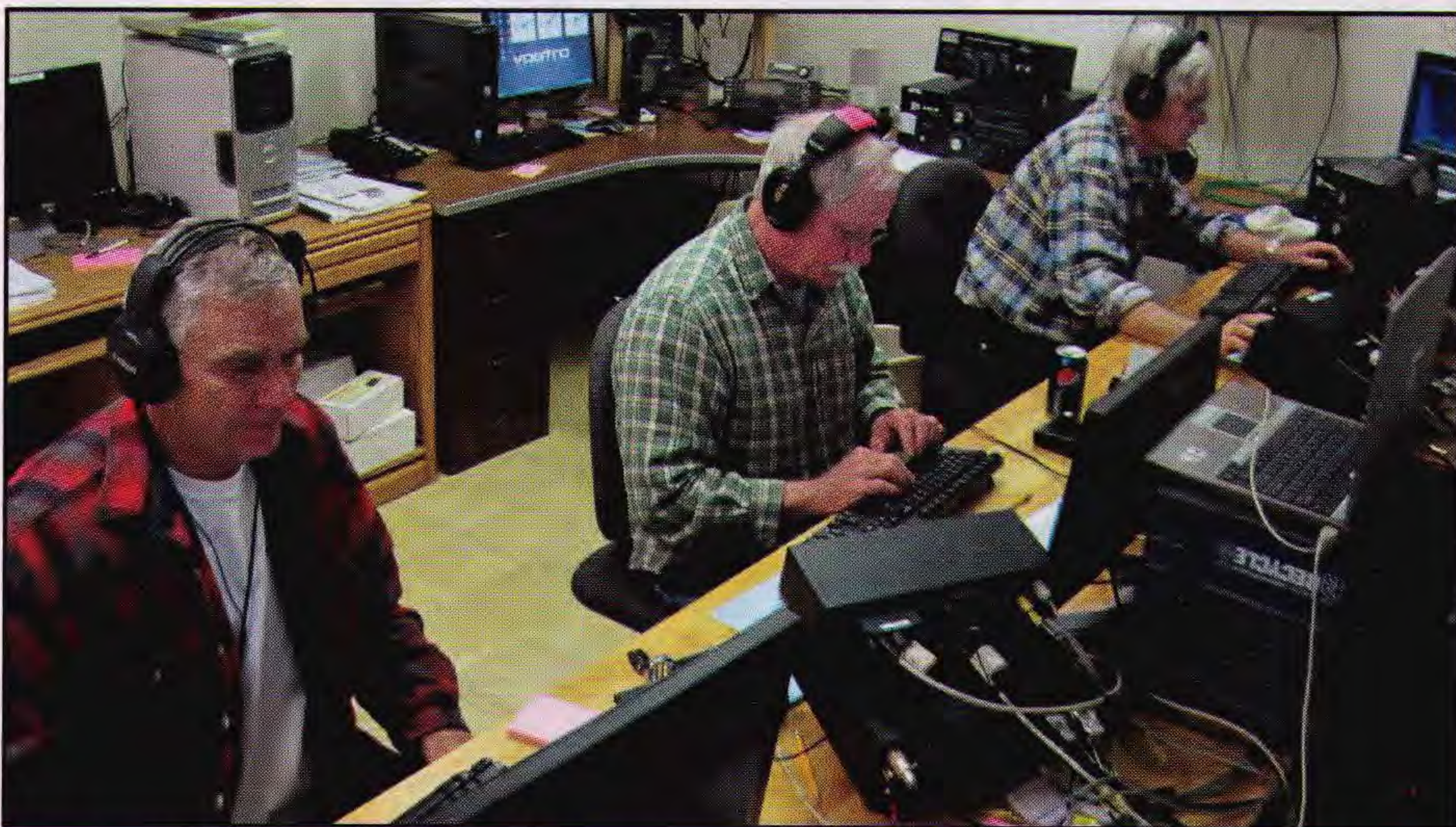
(S51V, S52OP, S59A ops)

Donor: Top Band DX Club

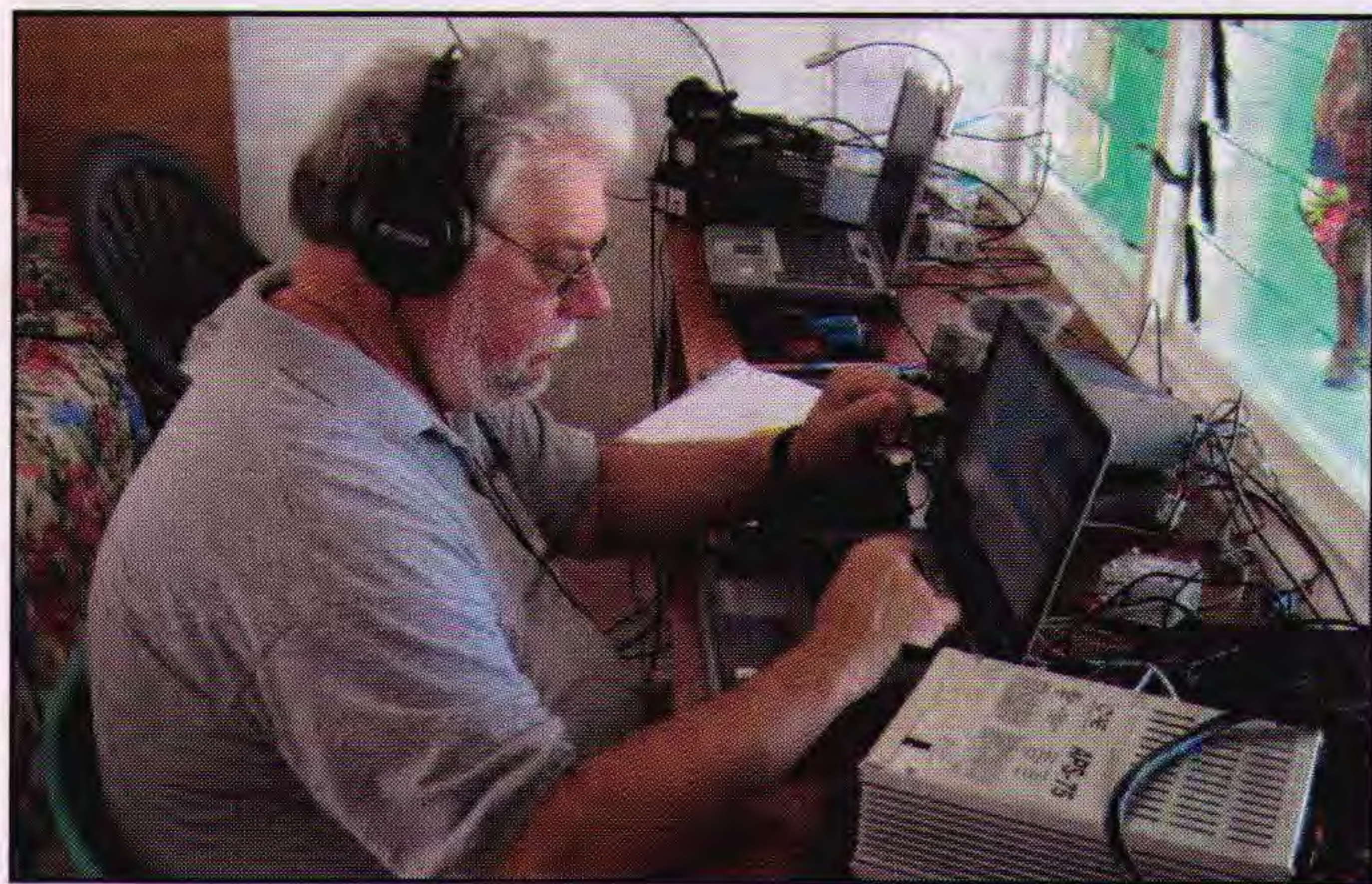
VE3TA and VE3PN ahead. It had to be tough from zone 3, with W6YI's winning score less than 100K! WA7LT was a close second. Also just under 100K was W2TZ winning Low Power honors for the USA. VE3VZ took Low Power for Canada. NT8Z and KB7EEG took Low Power honors in zone 4 and 3, respectively.

K5RX and SP2DNI took top spots in QRP (ouch). With depressed conditions, it's hard to imagine working QRP on SSB. That's dedication.

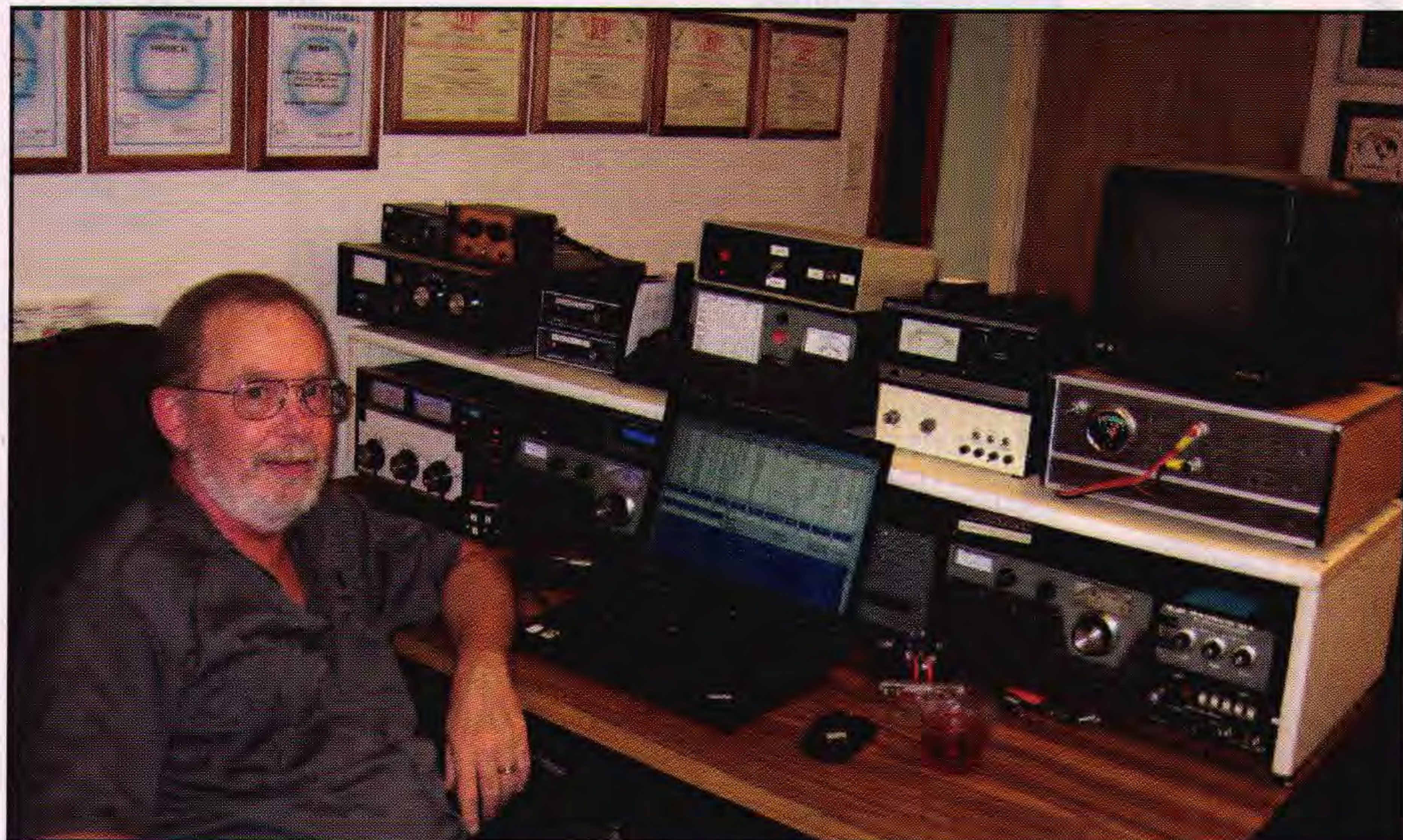
With just 330K, K6AM piloted ZF2AM to top DX Single Op with ES5RW right behind. In Low Power, S57DX and DF8XC were #1 and #2 DX-side.



This neat station belongs to N5BG and NI5T, making big noise from New Mexico. Pictured left to right: K7FA, K7IA, and N3KCJ.



You wanted rare on Topband? Here is Lee, N8LJ, piloting T32XX and making lots of contesters and DXers happy.



Top CW in Minnesota went to Steve, NEØU.

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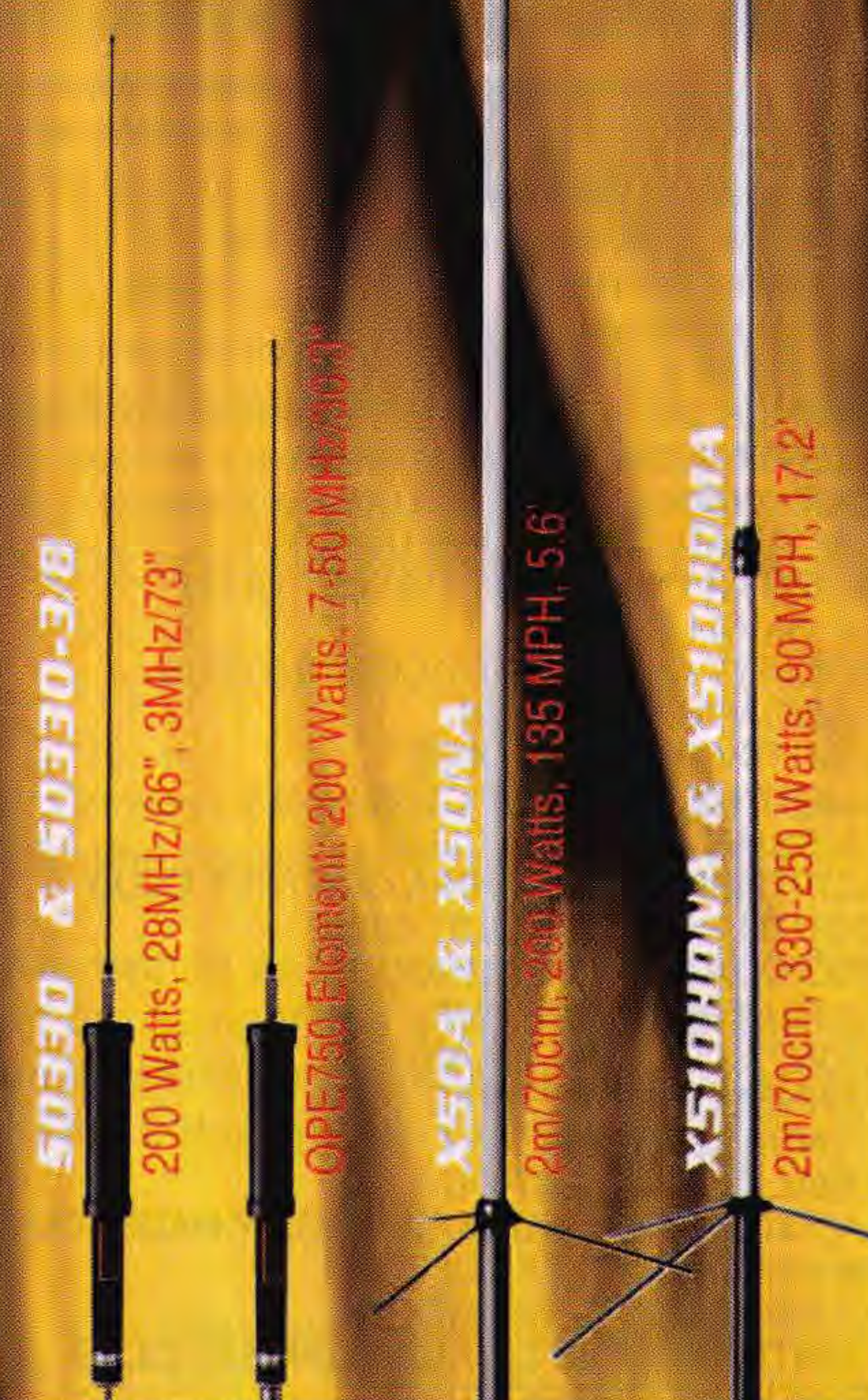
X50NA

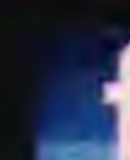
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2012 CQ WW 160M CONTEST TOP SCORES

CW		LOW POWER WORLD		ASSISTED WORLD		QRP		MULTI-OPERATOR WORLD	
SINGLE OPERATOR USA									
K3ZM	811,668	LY2IJ	340,480	PJ2T	1,443,260	K7RAT	25,016	KE8UN	18,124
K1DG	704,667	SP3HLM	305,797	P33W	1,198,567	*KB7EEG	17,296	W0MRZ	16,544
AA1K	585,936	YT1VP	298,977	LX7I	955,724				
KD4D	457,311	S57DX	265,930	SN7Q	743,214				
NO3M	408,740	9A2VR	238,144	9A2DQ	694,148				
VE		LOW POWER W/VE		ASSISTED W/VE		DX		MULTI-OPERATOR W/VE	
VY2ZM	1,297,457	W2ID	191,264	VE3NE	656,880	ZF2AM	330,368	K1LZ	332,800
VE3EJ	843,432	W2TZ	177,408	VE3RZ	479,904	ES5RW	264,492	9A1P	332,652
VE3AT	661,440	N1UR	167,614	K3WW	427,017	9A2DQ	251,124		
VE3TA	650,754	K8FH	160,240	N3UA	405,104	OK1W	225,875		
VE3PN	334,576	NA8V	157,852	VE3MMQ	389,658	9A2VR	173,745		
Zone 3		QRP W/VE		SSB		LOW POWER WORLD		ASSISTED WORLD	
W7RN	236,045	VE3MGY	133,458	SINGLE OPERATOR USA		S57DX	136,864	CT3DL	427,968
AC6DD	182,517	N8VW	109,668	K3ZM	322,224	DF8XC	97,584	IZ4DPV	388,352
K7NU	172,425	N0TT	96,558	N4PN	305,074	W2TZ	95,700	W2MF	228,232
KF6T	118,925	WB4MSG	71,190	WB9Z	275,688	E77EZ	84,042	5B4AIF	222,264
*N7IR	115,640	W4UX	60,669	KK1KW	225,990	HA5BSW	83,496	MW0ZZK	212,760
QRP		MULTI-OPERATOR WORLD		VE		LOW POWER W/VE		ASSISTED W/VE	
VE3MGY	133,458	E7DX	1,049,030	VY2ZM	886,236	W2TZ	95,700	W2MF	228,232
N8VW	109,668	S52OP	1,008,504	VE3TA	442,428	NT8Z	79,680	N3RR	158,240
N0TT	96,558	OM7M	983,772	VE3PN	202,721	W8CO	72,688	VA3YP	149,397
SP2DNI	91,266	ES9C	927,476	VE6BBP	147,126	KG4W	65,720	W0AIH	142,569
DJ7WW	86,526	K1LZ	879,780	VE3CR	108,870	VE3VZ	58,752	N4RV	120,815
DX		MULTI-OPERATOR W/VE		Zone 3		QRP W/VE			
YT8A	847,484	K1LZ	879,780	W6YI	88,941	K5RX	53,298		
CS2C	816,816	W2GD	721,350	WA7LT	64,172	VE3MGY	39,556		
CE1/K7CA	773,711	W8JI	678,900	KE7BT	38,760	KP4KE/W4	19,260		
OM2VL	754,563	VE2OJ	576,205						
KV4FZ	691,252	NY4A	501,381						

2012 CQ WW160M CONTEST CLUB SCORES

(Minimum of 3 three entries required for listing)

CLUB	#ENTRIES	SCORE		
BAVARIAN CONTEST CLUB	152	12,056,874	NORTH CAROLINA DX AND CONTEST CLUB	9 365,825
POTOMAC VALLEY RADIO CLUB	127	9,767,068	IOWA DX AND CONTEST CLUB	4 362,050
CONTEST CLUB ONTARIO	47	7,538,287	GIPANIS CONTEST GROUP	4 341,663
YANKEE CLIPPER CONTEST CLUB	64	6,723,746	SOUTHERN CALIFORNIA CONTEST CLUB	15 335,842
FRANKFORD RADIO CLUB	59	6,476,668	BRISTOL (TN/VA) ARC	11 321,214
RHEIN RUHR DX ASSOCIATION	59	5,378,853	AUSTRIAN CONTEST CLUB	4 321,148
BLACK SEA CONTEST CLUB	52	4,934,744	DELARA CONTEST TEAM	6 306,168
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	42	3,801,902	WESTERN NEW YORK DX ASSOCIATION	9 432,899
SLOVENIA CONTEST CLUB	20	3,797,649	SPOKANE DX ASSOCIATION	8 282,525
UKRAINIAN CONTEST CLUB	42	3,110,150	CZECH CONTEST CLUB	3 256,170
CROATIAN CONTEST CLUB	17	2,859,145	MEDINA 2 METER GROUP	3 247,107
ARIZONA OUTLAWS CONTEST CLUB	47	2,837,916	KENTUCKY CONTEST GROUP	3 224,089
SP DX CLUB	21	2,724,970	CONTEST GROUP DU QUEBEC	8 223,654
SOCIETY OF MIDWEST CONTESTERS	47	2,566,037	STOR DONBASS	5 219,466
HUNGARIAN DX CLUB	11	2,459,924	KANSAS CITY CONTEST CLUB	3 209,383
MAD RIVER RADIO CLUB	13	2,231,819	UA2 CONTEST CLUB	3 170,798
MARITIME CONTEST CLUB	16	1,956,310	EASTERN IOWA DX ASSOCIATION	3 159,054
RUSSIAN CONTEST CLUB	23	1,866,546	VLADIMIR RADIO CLUB	6 152,455
NORTHERN CALIFORNIA CONTEST CLUB	28	1,866,413	WEST PARK RADIOPS	10 137,284
SOUTH EAST CONTEST CLUB	16	1,762,214	ALEXANDER THE GREAT CONTEST GROUP	6 123,932
FLORIDA CONTEST GROUP	29	1,471,760	SHAKHAN CONTEST CLUB	4 114,788
CTRI CONTEST GROUP	12	1,374,622	WILLAMETTE VALLEY DX CLUB	9 108,224
CONTEST CLUB FINLAND	13	1,366,508	SOUTHERN OSAKA CONTEST CLUB	3 97,210
MINNESOTA WIRELESS ASSN	39	1,354,843	NORTHERN ROCKIES DX ASSOCIATION	3 90,691
TENNESSEE CONTEST GROUP	42	1,311,128	ALLEGHENY VALLEY RADIO ASSOCIATION	4 89,993
URAL CONTEST GROUP	12	1,234,111	SAMARA RADIO CLUB	4 78,146
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	6	1,116,704	CLUB DE RADIO EXPERIMENTADORES	
BELARUS CONTEST CLUB	9	1,056,588	DE OCCIDENTE	3 77,408
ALABAMA CONTEST GROUP	25	980,479	LU CONTEST GROUP	4 76,573
CENTRAL TEXAS DX AND CONTEST CLUB	11	922,974	NEW MEXICO BIG RIVER CONTESTERS	4 75,995
PERUGIA CONTEST CLUB	4	868,840	LOW COUNTRY CONTEST CLUB	5 72,538
ALRS ST PETERSBURG	7	804,186	SOUTH URAL CONTEST CLUB	3 70,599
CHILTERN DX CLUB	3	746,118	KIEV CONTEST GROUP	5 68,561
ROCHESTER DX ASSOCIATION	11	725,994	MOTHER LODE DX & CONTEST CLUB	3 64,790
BELOKRANJEC CONTEST CLUB	8	684,888	ARAUCARIA DX GROUP	3 63,964
HUDSON VALLEY CONTESTERS AND DXERS	12	679,374	ARCK	3 52,722
YU CONTEST CLUB	4	671,753	DELTA JANDARMI ASOCIATION TULCEA	3 48,606
NORTH TEXAS CONTEST CLUB	9	636,977	SUSSEX COUNTY ARC	3 46,137
NORTH COAST CONTESTERS	8	627,592	RADIOCLUBUL QSO BANAT TIMISOARA	5 44,882
LITHUANIAN CONTEST GROUP	4	567,338	ARI	3 43,884
RADIO CLUB HENARES	3	525,827	DFW CONTEST GROUP	4 41,699
GRAND MESA CONTESTERS OF COLORADO	8	435,927	METRO DX CLUB	3 32,883
DEUTSCH AMATEUR RADIO CLUB	10	430,489	10-70 REPEATER ASSN	3 25,367
LONE STAR DX ASSOCIATION	4	430,180	RU-QRP	3 13,074
VRHNIKA CONTESTERS	6	407,956	BERGEN AMATEUR RADIOASSOCIATION	3 8,859
LATVIAN CONTEST CLUB	6	402,431	WESTERN WASHINGTON DX CLUB	3 6,282

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Errata

2011 CQ WW 160M Contest

The following plaque donors and winners were inadvertently omitted from the results of the 2011 CQ 160M Contest. Most of these were new awards for 2011, which caused the errors.

CW

Single Operator Russia
Vadim Ovsyannikov, R9DX
Donor: Dmitri Gorshkov, UA2FB

Single Operator Assisted Zone 3
Preston Smith, N6SS
Donor: Larry Pace, N7DD

Single Operator QRP Zone 4
Charles Hansen, N0TT
Donor: Dale Putnam, WC7S.

SSB

Single Operator Russia
Vladimir G. Falshunov, UA9KAA
Donor: Dmitri Gorshkov, UA2FB

SSB/CW Combined
World Multi-Operator
P33W
(Operators: RA3AUU, 5B4AIE, RW4WR)
Donor: Top Band DX Club

In addition, the **Single Operator Canada** trophy winner should have been listed as **VY2ZM, operated by Mladen Bogdanov, YT6W**.

The name of the **SSB USA Multi-Operator** category winner (**K1LZ**) was incorrect. The correct name of the station owner is **Krassimir Petkov**.

Congratulations to all the winners and thanks to the plaque donors.

In Club Competition, the Society of Midwest Contesters was omitted from the final list accidentally.

In Multi Op, other than the winners mentioned before, OL7M and 9A1P put in great efforts from EU. N2CW and the south Jersey contingent were second to K1LZ, and ND8DX in zone 4 was #3 Multi Op overall, with K8PO right behind in zone 5.

CT3DL was the overall winner in Assisted, with IZ4DPV second overall. W2MF was third and top USA! Congrats, Manny. 5B4AIF and MW0ZZK also had big scores Assisted for the world.

Special thanks to OD5NJ, EX8MAT, BV1EK, C31CT, SV9GPV, YC1COZ, LU2DKT, CE1/K7CA, and LU6QI for activating some rarer countries on SSB.

Club Competition

Once again the Bavarian Contest Club and the Potomac Valley Radio Club amassed the biggest scores by far with 277 entries and almost 22-million points!

There were 91 club entries with at least three scores per club. The club scores are the heart of the competition and really help encourage activity. The committee appreciates the efforts from all the radio clubs, no matter how small the entries.

Notes

Special thanks to all those who help make the contest a success, including N6TR, K1EA, K1DG, K5TR, AA5B, W5GN—and especially to K3EST for his 35 years as Director of the CQWW Contest Committee.

If anyone would like a Log Checking Report, send an e-mail to <Director@CQ160.com>. Please specify which mode you are asking for and the callsign used.

Thanks to all for participating and see you in 2013. Remember, starting in 2013 all CQ contests have a 5-day deadline for submitting logs. Check out the rules in the November issue of CQ, on the CQ website (www.cq-amateur-radio.com), and on the 160 Contest website (CQ160.com) for the latest information.

73, Andy, N2NT

(Continued on page 103)

Results of the 2012 CQ WW DX 160 Meter Contest (from page 27)

Number groups after calls denote score, total QSOs, W/VE multiplier, countries worked. Total multiplier is the addition of the W/VE and countries. Multi-op scores follow single-op listings. An asterisk (*) denotes low power. State, province, and country certificate winners are listed in bold.

2012 CQ WW 160M CONTEST

CW RESULTS

SINGLE OPERATOR

NORTH AMERICA

UNITED STATES

CONNECTICUT

K1KI	154,128	527	52	26
W1QK	149,468	637	53	26
WD5T/1	26,125	171	43	12
*K1DM	89,934	409	52	26
*K2RS/1	78,132	441	48	20
*W3SM/1	38,164	369	46	1
*W1JQ	25,648	150	40	16
*NX1T	11,310	125	36	3
*AB10D	3,171	65	21	0

MASSACHUSETTS

W1MK	236,562	680	50	39
W1TD	202,297	765	54	35
K5ZD/1	69,632	327	45	19
W1FJ	50,240	249	42	22
AJ1E	33,605	232	42	13
KA110R	21,216	165	42	9
W1KQ	13,818	153	41	1
W1JR	6,699	81	31	2
W1UJ	5,668	88	26	0
*NB1N	60,003	422	46	13
*W1BYH	55,020	297	52	18
*N1QY	35,872	243	48	11
*W1FA	11,104	148	31	1
*W01N	6,588	111	27	0

MAINE

K1DG	704,667	1,390	58	65
K1ESE	60,024	409	49	12
*N1JD	45,845	402	47	6
*N1CGP	21,736	220	41	3
*K10YB	270	11	10	0

NEW HAMPSHIRE

K1TR	59,210	351	44	18
*N1IX	68,965	402	47	18
*KU2A/1	39,666	231	49	17
*WX1S	31,959	275	47	6
*W1END	24,037	243	40	3
*NG7A/1	17,834	220	36	1
*AE1T	9,450	139	30	0
*KB1T	7,366	114	27	2
*W1PID	4,848	88	24	0
*K1PDY	598	23	13	0

RHODE ISLAND

W1XX	225,704	827	54	35
K1DFT	44,812	263	49	19
*W1WBB	62,976	396	48	16
*N2ULF/1	3,565	72	23	0

VERMONT

W1SJ	63,070	537	47	6
N1BCL	44,785	270	51	14
KB10DO	6,870	104	29	1
*N1UR	167,614	676	51	35
*KB1NHV	2,838	66	22	0

NEW JERSEY

N2YB	183,627	927	55	26
N2GC	138,718	512	52	34
KW2J	133,510	681	52	27
K2NV	126,034	539	53	29
N2ZN	125,048	595	51	26
N2CU	123,112	438	52	36
W2GB	114,880	577	54	26
N2MF	75,744	345	46	26
WB2ABD	51,255	295	51	16
W2LK	45,560	200	43	25
W2GR	40,863	347	46	7
K2YR	38,280	218	35	20
*W2TZ	177,408	791	53	31
*NW2K	77,484	495	54	12
*K2UF	55,168	327	47	17
*W2LC	45,045	257	45	18
*WA2MCR	42,084	273	49	14
*N2JDQ	41,500	382	47	1
*N2RJ	36,892	347	41	5
*W2CCC	30,690	121	38	28

(OP: K2CS)

*N2JJ	26,235	215	47	6
*WA2JQK	23,036	224	45	7
*K2TV	14,508	165	36	3
*WS9M/2	7,380	112	30	0
*W2TB	5,632	72	30	2
*KB2KOL	3,483	54	27	0
*WB2TPS	3,423	71	21	0
*AC2FA	2,052	59	18	0
*K2ZR/4	1,065	27	12	3

K2TTT	128,664	650	49	23
KC2LSD	36,566	419	43	4
W2LE	34,104	244	45	11
N2ED	32,793	292	44	7
N1RK/2	27,783	247	43	6
K2AX	10,578	93	33	8
K2GN	176	8	6	2
*W2ID	191,264	862	55	31
*N2UJ	15,984	190	34	3
*KD2MX	11,084	135	33	1
*NE2U	5,300	93	25	0
*N2GM	1,036	34	14	0

DELAWARE

AA1K/3	585,936	1,352	59	58
W3KDE	100,590	597	52	18
*WB8MRU/3	3,888	75	24	0

MARYLAND

KD4D/3	457,311	1,255	59	54
K3ZO	248,920	781	57	41
N3UM	128,744	675	53	23
K3TC	122,342	556	56	27
K3TN	65,462	344	51	20
N1SZ/3	50,752	332	50	14
W2GPS/3	33,350	231	45	13

W2GG/3	28,249	213	44	9
*N3QE	52,554	401	48	9
*WA3MKC	43,164	263	48	18
*N1WR/3	41,595	263	44	15
*KE3X	26,864	258	43	3
*WB8YYY/3	26,730	203	46	8
*K3TM	26,450	267	42	4
*K3YDX	17,723	216	37	0
*K3KU	14,256	184	36	0
*W6AAN/3	4,470	49	25	5
*K3IT	2,180	49	19	1
*KB8NUF/3	1,680	44	24	0
*K3XZ	1,584	46	18	0

PENNSYLVANIA

N03M	408,740	1,302	59	48
W3BGN	403,012	1,155	59	47
W3TS	328,300	1,163	58	40
W3FV	99,864	544	52	21
K3ONW	91,014	459	51	26
W3SO	86,067	490	53	20

(OP: W3Y0Z)

W3GH	45,384	297	47	15
KW3A	34,600	321	46	4
WB3FZ	19,646	191	41	6
W3FVT	18,680	223	37	3
K4JLD/3	12,288	52	5	27
N3FA	12,122	142	38	0
NG3J	11,739	94	36	7
K3SV	10,368	133	35	1
*N4XU/3	106,425	560	55	20
*NA3F	50,490	403	47	8
*K3MD	43,000	386	44	6
*AA3LX	42,965	270	55	10
*W3WH	41,958	339	46	8
*W3KB	34,500	298	46	4
*N3LT	24,624	202	48	6
*KN3A	20,250	210	42	3
*N3JNX	3,850	81	22	0
*K3CC	3,210	67	30	0
*KD3HN	1,980	55	17	1

ALABAMA

AG4W	121,442	612	56	26
NN4MM	109,520	620	57	17
W4RYW	41,064	308	50	8
KG4CJY	26,784	253	45	3
K4HAL	21,780	225	43	1
*N4JF	69,174	541	52	9
*K4WI	46,854	365	50	7
*K4ZGB	46,461	429	47	4
*KR4F	45,103	397	47	6
*WB4KDI	40,440	299	52	8
*KJ4FDV	25,334	230	50	3
*N4AU	14,880	171	37	3
*KS4L	10,374	127	36	2
*K8AJX/4	10,175	126	36	1
*W4NBS	3,892	65	27	1

GEORGIA

N09E/4	141,252	768	55	24
K4BAI	114,700	674	56	18
KU8E/4	79,800	498	56	14
AA4CF	66,060	498	51	9
*W4KLY	44,352	307	50	13
*K4VIG	20,961	193	46	5
*ND1Y/4	20,351	199	42	5
*N4WD	16,884	185	39	3
*KJ4EX	13,566	155	38	4
*K4EOR	9,120	119	30	8

KENTUCKY

N4QS	10,879	104	40	3
*K4SPO	2,508	61	19	0

NORTH CAROLINA

K2AV/4	276,582	1,025	56	37
WX4G	137,760	749	53	27
K4SV	67,734	374	53	18
N4GU	32,084	258	42	10
K4YKZ	15,660	200	33	3
AE4EC	7,514	120	32	2
K4JAB	2,132	45	26	0
*W4KAZ	81,130	586	51	10
*K4DJ	41,595	413	45	2
*N3CZ/4	24,128	193	45	7
*A4AGR	16,425	171	41	4
*N4YDU	15,355	184	36	1
*K4UWH	11,484	171	32	1
*N4TL	9,380	108	31	4
*KT40M	7,710	117	28	2
*KJ4WD	5,096	103	28	0
*N4CW	3,900	59	29	1
	100	10	5	0

FLORIDA

N6AR/4	198,336	651	57	39
WA2VYA/4	139,600	743	57	23
K9FY/4	101,845	635	52	13
AA4HP	52,544	349	47	17
KE1F/4	32,391	189	39	22
KM4HI	31,536	307	41	7
K4QD	24,576	226	42	6
KN4Y	13,062	143	38	4
KK90/4	3,197	61	20	3
N4GI	2,675	38	21	4
K2EUH/4	864	13	3	9
K4PG	138	10	5	1
*W4AA	55,572	350	51	15
*N4UM	55,160	305	50	20
*NS9I/4	51,360	373	51	9
*N4OX	45,320	375	49	6
*N4CJ	21,024	205	43	5
*K4CC	14,858	126	38	8
*N4FY	10,716	125	34	4
*NM1A/4	8,320	81	32	8
*W4DLZ	5,678	71	32	2
*N4FP	3,552	64	22	2

SOUTH CAROLINA

K7OM/4	19,035	192	42	3
NJ4F	14,784	150	38	6
W4TUN	12,834	112	40	6
AF4OX	8,058	101	30	4
*W4IT	32,389	306	45	4
*WA80JR/4	15,440	177	39	1

TENNESSEE

K4RO	192,560	1,050	59	21
N4DW	127,589	701	55	22
K0EJ/4	83,266	605	52	10
AD4EB	70,269	534	51	8

N4ZZ	66,864	542	49	7
NA4K	63,580	526	50	5
W040	40,128	375	44	4
K1GU/4	35,370	272	45	9
K4BP	23,532	182	44	9
W4CBX	19,734	187	42	4
N4IR	11,625	180	31	0
KA40TB	11,271	133	37	2
W4PV	10,980	133	40	5
AB4GG	7,141	82	35	2
K4EJQ	4,531	28	5	18
NS4X	1,241	35	17	0
*K4LTA	78,848	674	53	3
*N4ARO	69,006	486	54	8
*N2WN/4	57,955	340	52	15
*W4DAN	47,008	436	47	5
*KA4R	18,032	180	42	4
*NA4C	16,469	172	39	4
*K4DZR	16,341	197	36	3
*W4BCU	16,211	165	39	4
*WDBRYC/4	12,936	126	42	2
*W4BK	8,295	111	35	0
*N4UY	6,630	100	30	0
*NY4JB	3,640	69	26	0
*WF7/T4	1,862	45	19	0

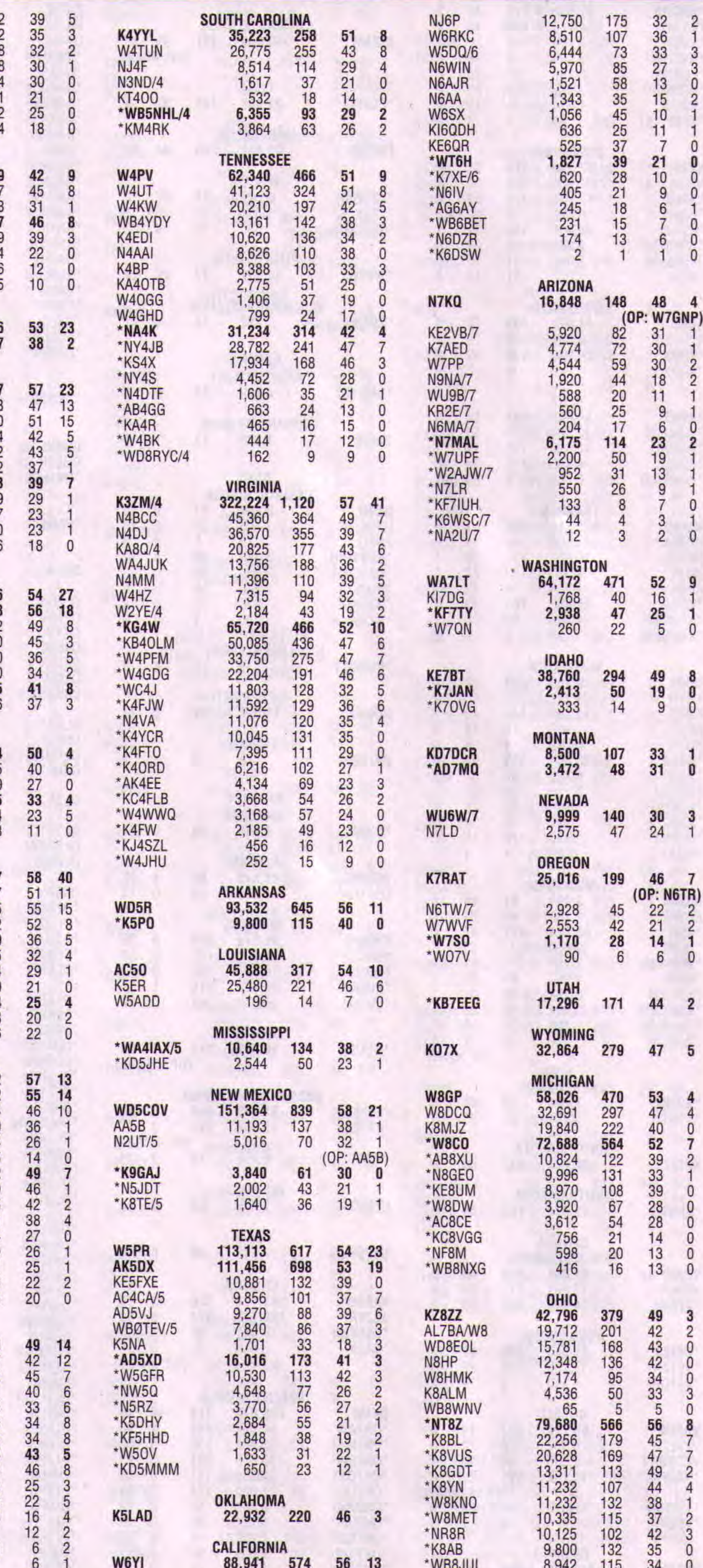
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106 • CQ • December 2012

LITHUANIA				
365,190	942	17	57	
316,639	926	8	59	
275,906	971	7	51	
241,450	896	5	50	
NETHERLANDS				
426,976	868	29	59	
405,000	1,002	21	54	
332,511	1,004	19	50	
NORWAY				
201,180	683	6	54	
97,344	416	3	45	
POLAND				
487,874	1,135	16	67	
464,400	1,078	18	68	
182,875	665	7	48	
107,100	428	6	45	
ROMANIA				
306,372	917	12	54	
SERBIA				
651,510	1,302	23	67	
LOVAK REPUBLIC				
983,772	1,531	30	78	
318,920	929	16	52	
310,216	905	12	56	
SLOVENIA				
1,008,504	1,490	33	83	
520,285	1,154	22	63	
4,104	50	0	18	
SPAIN				
514,600	855	35	65	
358,045	645	36	65	
SWEDEN				
558,475	1,197	21	68	
SWITZERLAND				
77,532	426	0	39	
UKRAINE				
739,476	1,247	18	90	
471,910	1,102	14	68	
91,086	442	1	46	
1,196	24	0	13	
OCEANIA				
ASTERN KIRIBATI				
127,278	257	46	8	
HAWAII				
290,990	438	52	18	
232,188	388	50	16	
INDONESIA				
4,064	46	1	15	
456	11	0	6	
OUTH AMERICA				
ARGENTINA				
67,716	145	35	19	
10,470	50	19	11	
PALPELO ISLAND				
746,820	796	54	54	
CHECKLOGS				
DJB2C, DL3NSM, DL3XM, CA2BVV, G3RAU, H3TEJ, IZ0P- XPA, LY1CT, LY2BNL, LZ1UQ, R, OH5TS, OK1FAI, OK1HX, KC, OK20P, OM3RM, OV5A, R6GA, R7GX, R9QQ, RK6AXY, RZ6HWA, SM5ENX, SP3CGK, FD, SP5DIR, SP8HKT, UA4ALI, A6GG, UA8GK, UA6GR, UA6GU, A, US1IW, UT7X, UX7VA, YO2LSP, Y7TAW				
SB RESULTS				
GLE OPERATOR				
ORTH AMERICA				
UNITED STATES				
CONNECTICUT				
41,419	264	48	13	
8,640	130	30	0	
7,772	111	27	2	
4,876	91	23	0	
2,882	52	22	0	
ASSACHUSETTS				
21,094	165	45	8	
11,840	152	29	3	
4,836	79	24	2	
45,262	379	46	7	
6,902	102	27	2	
6,669	111	27	0	
5,394	69	27	4	
MAINE				
6,293	91	26	3	
1,460	28	19	1	(OP: WW3DE)
EW HAMPSHIRE				
225,990	934	57	33	
58,368	452	50	7	
33,184	216	49	12	
32,742	265	43	8	
13,642	150	35	3	
RHODE ISLAND				
156,654	736	54	27	
17,672	182	43	4	
VERMONT				
30,396	256	45	6	
11,118	137	32	2	
NEW JERSEY				
33,074	312	44	2	
26,100	184	49	9	
21,698	259	37	1	(OP: K2CS)
95,700	643	51	15	

*W2JQK	20,944	222	39	5
*W2AMCR	17,404	202	35	3
*W2JUV	10,438	138	32	2
*N2NOM	9,052	128	30	1
*N2BEG	6,840	104	30	0
*K02YEA	3,675	71	21	0
*KB2KOL	3,575	62	25	0
*WS9M/2	1,224	34	18	0
K2TTT	62,781	529	42	9
N2ED	27,719	227	45	8
N1RK	12,512	173	31	1
*W2ID	51,462	417	46	8
*N2HMM	21,294	229	39	3
*W2JEK	3,982	74	22	0
*K2DBK	456	16	12	0
*K02LST	360	15	10	0
DELAWARE				
AA1K/3	110,580	556	53	23
*KA3HED	15,280	167	38	2
MARYLAND				
N3HBX	186,800	1,007	57	23
W3LL	68,820	483	47	13
W6AAN/3	54,648	330	51	15
N1SZ/3	43,898	424	42	5
K3ZO	23,136	222	43	5
K3STX	15,580	182	37	1
*W3AMKC	16,008	143	39	7
*N3ALN	6,180	99	29	1
*KE3X	4,344	77	23	1
*WB8YYY/3	4,152	70	23	1
*K3OQ	1,800	46	18	0
PENNSYLVANIA				
W38GN	191,970	896	54	27
W3TS	138,750	848	56	18
W3SO	53,067	412	49	8
W3GH	23,568	220	45	3
K3TUF	20,828	220	36	5
W3FVT	11,268	140	34	2
*KD3HN	29,106	255	41	8
*K3MD	16,360	176	37	3
ALABAMA				
W42ZY	32,184	284	50	4
W4RYW	14,536	145	40	6
KD8IGK/4	3,105	59	27	0
*AG4W	11,544	135	33	5
*W4TKI	4,452	74	23	4
*AJ1F/4	286	13	11	0
GEORGIA				
N4PN	305,074	1,207	58	40
W04DX	91,512	687	51	11
K0UE/4	82,740	515	55	15
N09E/4	70,860	552	52	8
K4ODL	9,430	99	36	5
WA4ZXV	6,768	85	32	4
AK4I	4,500	74	29	1
N3FP/4	2,436	59	21	0
*KD4YDD	4,176	64	25	4
*KG4USN	3,256	68	20	2
*N4WD	1,980	46	22	0
NORTH CAROLINA				
WJ2D/4	111,160	702	57	13
WX4G	111,090	742	55	14
KU4V	58,184	464	46	10
NX9T/4	16,502	200	36	1
AE4EC	4,617	94	26	1
NC4MI	476	15	14	0
*KU4BP	47,600	382	49	7
*WB4MSG	32,477	320	46	1
*KK4RV	17,336	185	42	2
*K4QE	10,836	111	38	4
*A1AGR	4,860	84	27	0
*K4TMC	4,860	79	26	1
*KF4ZS	4,056	71	25	1
*NA4EA	3,408	66	22	2
*KC4EZV	1,380	33	20	0
FLORIDA				
N6AR/4	41,391	280	49	14
W20X/4	35,370	297	42	12
WX4US	22,412	192	45	7
K4ZS	19,596	191	40	6
K9FY/4	16,458	194	33	6
KM4HI	12,348	129	34	8
W53N/4	5,754	49	34	8
*W4GMH	28,560	284	43	5
*N4OX	28,188	233	46	8
*W1CCE/4	3,808	59	25	3
*NF4A	3,078	45	22	5
*NS9I/4	1,660	39	16	4
*KE1F/4	952	31	12	2
*N2SEP/4	224	13	6	2
*K4GOP	175	11	6	2



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