

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, RA3AAU, 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 QRPs 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!

*e-mail: <director@cq160.com>

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), DU1JJ5GMJ, 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

Jerry T. Briggs, VY2ZM

Donor: Bill Tippett, 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 (RA3AAU), 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 Lutty, 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, K2KH

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 Vitranio, 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, N7NN, 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, NE0U.

**DIAMOND
ANTENNA**

**The Standard By Which
All Others Are Judged**

MAXIMUM PERFORMANCE WITHOUT COMPROMISE

X510HDNA & X510HDM High Power Antenna

Diamond Antenna's best base antenna. Designed for strength and performance, the X510HD Series is pretuned to achieve maximum gain in both the 2m and 70cm amateur bands.

X50NA

The X50NA is an excellent choice where ruggedness is required in a medium-gain, dual-band, base/repeater application.

SD330, SD330-3/8

HF Screwdriver Mobile Antenna
Can be used from 3.5-30 MHz, and 7-50 MHz if element OPE750 is installed. Just loosen one set screw to change the element and it's ready to go!



facebook.com/diamondantenna

For detailed specifications on Diamond's Base & Mobile Antennas, please go to www.diamondantenna.net

Available through selected quality dealers.

770-614-7443



Diamond Antenna
Division

2012 CQ WW 160M CONTEST TOP SCORES

CW SINGLE OPERATOR USA		LOW POWER WORLD	ASSISTED WORLD	K7RAT	25,016	KE8UN	18,124
K3ZM.....811,668		LY2IJ.....340,480	PJ2T.....1,443,260	*KB7EEG.....17,296		W0MRZ.....16,544	
K1DG.....704,667		SP3HLM.....305,797	P33W.....1,198,567				
AA1K.....585,936		S57DX.....265,930	LX7I.....955,724				
KD4D.....457,311		9A2VR.....238,144	SN7Q.....743,214				
NO3M.....408,740			9A2DQ.....694,148				
VE		LOW POWER W/VE	ASSISTED W/VE	QRP		MULTI-OPERATOR WORLD	
VY2ZM.....1,297,457		W2ID.....191,264	VE3NE.....656,880	K5RX.....53,298		S52OP.....466,722	
VE3EJ.....843,432		W2TZ.....177,408	VE3RZ.....479,904	SP2DNI.....39,824		E17M.....446,082	
VE3AT.....661,440		N1UR.....167,614	K3WW.....427,017	VE3MGY.....39,556		OL7M.....390,400	
VE3TA.....650,754		K8FH.....160,240	N3UA.....405,104	SQ2NNN.....29,124		K1LZ.....332,800	
VE3PN.....334,576		NA8V.....157,852	VE3MMQ.....389,658	DL7UMK.....25,130		9A1P.....332,652	
Zone 3		QRP W/VE	SSB SINGLE OPERATOR USA	DX		MULTI-OPERATOR W/VE	
W7RN.....236,045		VE3MGY.....133,458	K3ZM.....322,224	ZF2AM.....330,368		K1LZ.....332,800	
AC6DD.....182,517		N8VW.....109,668	N4PN.....305,074	ES5RW.....264,492		N2CW.....267,079	
K7NU.....172,425		WB4MSG.....71,190	WB9Z.....275,688	9A2DQ.....251,124		ND8DX.....227,205	
KF6T.....118,925		W4UX.....60,669	KK1KW.....225,990	OK1W.....225,875		K8PO.....224,688	
*N7IR.....115,640			W3BGN.....191,970	9A2VR.....173,745		N2CEI.....176,300	
QRP		MULTI-OPERATOR WORLD	LOW POWER WORLD	ASSISTED WORLD		ASSISTED W/VE	
VE3MGY.....133,458		E7DX.....1,049,030	S52OP.....1,008,504	S57DX.....136,864		W2MF.....228,232	
N8VW.....109,668		OM7M.....983,772	ES9C.....927,476	DF8XC.....97,584		N3RR.....158,240	
N0TT.....96,558		K1LZ.....879,780	K1LZ.....879,780	W2TZ.....95,700		VA3YP.....149,397	
SP2DNI.....91,266				NT8Z.....79,680		W0AIH.....142,569	
DJ7WW.....86,526				W8CO.....72,688		N4RV.....120,815	
DX		MULTI-OPERATOR W/VE	VE	LOW POWER W/VE		QRP W/VE	
YT8A.....847,484		K1LZ.....879,780	VY2ZM.....886,236	W2TZ.....95,700		K5RX.....53,298	
CS2C.....816,816		W2GD.....721,350	VE3TA.....442,428	NT8Z.....79,680		VE3MGY.....39,556	
CE1/K7CA.....773,711		W8JI.....678,900	VE3PN.....202,721	W8CO.....72,688		KP4KE/W4.....19,260	
OM2VL.....754,563		VE2OJ.....576,205	VE6BBP.....147,126	KG4W.....65,720			
KV4FZ.....691,252		NY4A.....501,381	VE3CR.....108,870	VE3VZ.....58,752			
Zone 3		Zone 3					

2012 CQ WW160M CONTEST CLUB SCORES

(Minimum of 3 three entries required for listing)

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

Forever ITALIAN STYLE



NEW BEGALI ADVENTURE

Available single lever and iambic Version

**HAPPY
HOLIDAYS !**



Via Badia, 22 - 25060 Cellatica(BS) ITALY-Tel. 0039(0)30 32 2203 - Fax. 0039 (0)30 31 4941

Advertising designed by Bruna Begali

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, NØTT
 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
W1OK 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
***WSSM/1** 38,164 369 46 1
***W1JQ** 25,648 150 40 16
***N1X1** 11,310 125 36 3
***AB1D0** 3,171 65 21 0

PENNSYLVANIA

W3BCN

W3TS

K3ONW

W3SO

W3DZ

W3PVC

W3V

W3F

W3V

VE3EBN	15,376	107	30	1	JAPAN	239,878	443	26	47	OK1VD	173,879	497	13	58	*RU4SM	29,200	269	0	25	*DL4ME	40,737	251	0	37	
*VE3FH	108,214	367	52	9	JH4UYB	66,838	213	14	32	OK2PBG	154,287	505	12	51	*RZ3DN	28,050	236	0	30	*DL1DWR	38,940	271	0	33	
*VA3EC	104,675	425	49	4	J3KDH	50,520	211	12	28	(OP: JG5HGM)	OK2KR	93,863	367	8	45	*RU3UW	27,216	224	0	28	*DL4AU	34,992	276	1	35
*VE3SDQ	101,080	383	53	3	7Y1YAG	41,320	173	12	28	OK1KA	54,912	235	3	45	*R07M	27,001	198	0	31	*DL4SL	33,720	167	2	38	
*VE3XL	93,025	335	52	9						OK1EP	49,872	218	3	45	*R1AUR	26,676	154	0	36	*DL9CW	32,725	207	1	34	
*VE3TW	91,060	327	47	11	JA2IVK	31,420	173	12	28	OK1DWJ	41,400	193	6	39	*RZ3VA	25,839	202	0	29	*DL6ON	31,236	191	2	36	
*VA3ATT	80,676	314	48	6	JA6BZI	35,014	132	9	32	OK1FV	28,182	66	12	54	*R3KK	24,630	199	0	30	*DF6RI	27,520	197	1	31	
*VE3DZ	48,750	264	39	0	JH1QDB	34,632	137	10	27	OL5Y	25,165	150	2	33	*UA3DCI	21,402	164	0	29	*DL6II	26,754	142	3	39	
*VE3RCN	36,654	190	40	1	JE1CKA	29,822	157	12	25	*OK2BFN	188,811	618	10	53	*RZ3QS	21,120	148	0	32	*DL5SWB	25,451	204	0	31	
*VE3KA0	35,529	190	38	1	JE1BMJ	26,078	109	11	23	*OK1HF	161,101	552	12	49	*RA6XG	20,570	135	0	34	*DJ1MM	24,924	180	0	31	
*VA3KAI	27,047	154	37	0	JA6FK	12,555	66	7	20	*OK1FPS	148,770	578	6	48	*R3PA	19,410	137	0	30	*DL1MAJ	24,032	166	0	32	
VE4EAR	1	30	17	1	JR7MAZ	3,675	26	5	10	*OK2PTS	80,324	404	1	42	*RM4HW/6	18,468	153	0	27	*DL6RBH	20,850	163	1	29	
*VE4YU	22,176	112	40	2	JA6BWH	2,884	36	3	11	*OK2EA	70,360	378	0	40	*UA6LJ	11,022	114	0	22	*DL5MEL	20,512	164	0	32	
VE6BBP	124,140	424	52	8	JSSKS	1,008	45	0	7	*OK1TGD	64,944	333	5	39	*R4WT	9,024	129	0	16	*DL3HWM	17,510	117	2	32	
*VE6EX	26,286	142	39	0	JL1LNC	5	1	0	1	*OK1DKR	59,040	310	0	41	*RW3VA	8,442	98	0	21	*DL8MAS	16,260	130	0	30	
BRITISH COLUMBIA					*JAT1XMS	11,700	91	11	14	*OK1FMX	56,745	317	1	38	*RA4UVK	5,840	68	0	20	*DK7CH	16,068	146	0	26	
VE7SQ	4,488	42	22	2	*JH7IMX	8,132	90	7	12	*OK2SGW	49,374	277	4	35	*UA1CUR	4,806	65	0	18	*DL2AXM	14,202	126	0	27	
*VA7MM	20,265	120	32	3	*JA1BJI	7,828	94	8	11	*OK1MKU	47,138	191	4	45	*RA3QUA	4,600	40	0	23	*DL8DWW	13,800	123	0	25	
*VA7ND	7,076	49	28	1	*JE1ISPY	6,916	93	8	11	*OK1GS	46,375	299	0	35	*RN3ZC	4,142	53	0	19	*DK7TP	13,608	114	0	27	
*VA7ST	7,014	73	20	1	(OP: VE7ALN)	*JF2WXS	2,775	24	7	8	*OK1MZB	37,116	232	1	35	*RA4FA	4,018	73	0	14	*DH2URF	13,454	89	0	31
*VA7DZ	3,660	50	15	0	*JN1MSO	936	23	3	6	*OK2BME	35,530	220	1	33	*UA3H	3,984	60	0	16	*DK9BW	12,570	84	3	27	
NEWFOUNDLAND					*JF2NDP/2	836	93	0	4	*OK1MAW	29,206	180	1	33	*UA1OAM	2,220	46	0	12	*DJ3CS	12,506	124	0	26	
VO1HP	141,858	279	32	39	*JF2FIU	492	24	0	6	*OK2DX	21,840	160	0	30	*RW1AI	1,729	28	0	13	*DK1FT	12,090	116	0	26	
*VO1TA	5,742	49	16	6	*JG1LFR	490	28	0	5	*OK1ATP	21,330	99	4	41	*UA1CAK	1,053	33	0	9	*DJ5CL	11,674	98	0	26	
VY2ZM	1,297,457	1,554	56	63	*JR3EX	192	27	0	3	*OK1BLU	10,296	104	0	24	*RA3IS	5	1	0	1	*DK4RL	11,350	103	0	25	
PRINCE EDWARD ISLAND					*JL1QDO	120	14	0	3	*OK1DEK	5,620	58	0	20	*RM6J	1	3	0	3	*DF2RZ	10,788	80	0	29	
V31YN	192,942	442	53	28	(OP: DJ4KW)	*JN1BBQ	42	9	0	2	*OK1AHJ	1,980	26	0	18	*DL5NDX	10,696	86	0	28	*DL3ARK	10,675	102	0	25
*V31JZ	84,288	258	45	19	*JN1BBQ	42	9	0	2	*OK1AJH					*OH5NE	97,621	488	0	41	*DL1KUR	9,828	77	0	27	
FM5BH					KAZAKHSTAN	151,644	838	1	67	UP2L	425,680	986	20	60	OH1F	35,820	240	1	29	*DL2BUM	9,960	99	0	23	
*C06LP	90,420	312	45	15	*UN8GV	8,000	59	0	16	*ZP2L	103,635	472	4	41	OH6OS	19,495	106	0	35	*DL6ZAA	9,196	99	0	22	
DOMINICAN REPUBLIC					*UN7TW	24,875	120	0	25	*ZP2L	79,248	446	0	39	*OH1TW	26,908	197	0	28	*DH5NT	6,090	75	0	21	
*HIBA	7,670	53	15	11	*UN6P	10,013	65	0	19	*ZP2L	11,300	231	2	31	*OH8KA	1,386	27	0	11	*DKOMN	4,760	52	0	20	
JAMAICA					*UN6LN	171	7	0	3	*ZP2L	110,654	361	0	16	*OH1LEG/9	150	8	0	5	(*OP: OZ1BII)	4,410	61	0	18	
6Y3IM	238,980	547	52	32	(OP: VE3NZ)	721SJ	146,754	265	11	51	M50	383,128	807	32	51	F5BBQ	63,700	260	10	40	*FRANCE	418,285	1,039	21	64
MARTINIQUE					TAIWAN	151,644	838	1	67	UP2L	304,732	830	21	50	G3UJE	29,988	179	0	36	*F6GWR	12,520	44	0	14	
FM5BH	125,090	340	46	24	BV1EK	10,925	62	8	15	TAIWAN	103,635	472	4	41	F6GDX	17,298	113	0	31	*DK4WF	1,536	30	0	12	
XE1V	11,445	70	27	8	HS0ZEE	8,580	56	1	25	KAZAKHSTAN	20,600	237	1	39	F6GDX	17,298	113	0	31	*DL1SWB	1,456	31	0	16	
*XE2YWH	9,072	67	23	4						TAIWAN	22,074	150	0	22	G3OJM	21,309	31	0	11	*DK5NEN	1,309	31	0	11	
*XE1GRR	60	4	3	1	UK BASES ON CYPRUS	65,275	196	0	35	ZC4LI	11,165	231	0	31	G3OJM	19,155	766	643	15	*HA3OD	12,824	95	0	28	
U.S. VIRGIN ISLANDS					ALAND ISLANDS	511,615	1,144	18	67	*ZP2L	307,914	846	9	64	R07M	111,038	373	15	44	*GERMANY	454,259	1,100	21	62	
KV4FZ	691,252	936	59	63	(OP: AK5Q)	OH0R				*ZP2L	307,914	846	9	64	R07M	110,635	361	12	40	*HUNGARY	220,864	669	16	48	
*KP2/KC5WXA	6,396	55	17	9	AFRICA					*ZP2L	187,110	686	3	51	*G3RBY	69,918	334	1	42	*HA8BT	21,087	334	1	42	
*EBCN	2,236	18	2	11	CANARY ISLANDS	130,704	450	8	48	*ZP2L	130,704	450	8	48	*G3RLE	57,763	241	9	38	*GREECE	18,598	120	0	34	
TANZANIA					AUSTRIA	9,878	98	0	22	*ZP2L	111,554	356	14	47	*G4BYG	30,958	237	15	44	*SV1GRD	10,375	82	0	25	
5H3EE	5,700	32	0	19	OE2BZL	149,801	482	15	44	OE1TKW	223,872	827	1	52	*E4OJ	2,646	36	0	18	*FRANCE	21,086	567	13	54	
TUNISIA	3,500	26	0	14	(OP: KF5EY)	EW8EW	89,072	489	0	38	EW8DX	89,072	489	0	38	*ESTONIA	307,914	846	9	64	*HUNGARY	220,864	669	16	48
*3V8SS					EW8WD	89,072	489	0	38	EW8DX	85,441	400	0	43	R07M	13,806	71	0	39	*HABBT	69,918	334	1	42	
ASIA					EW8VRR	360	10	0	8	EW8VRR	185,782	642	5	59	DF5RF	186,298	327	0	41	*HA8BY	55,926	297	0	39	
ASIATIC RUSSIA					EW8VRR	360	10	0	8	EW8VRR	159,558	592	2	56	DK1EI	31,668	175	2	40	*HA5UY	15,158	125	0	26	
RX9CAZ	319,518	653	1	53	*EU6AF	171,110	686	3	51	RA1AL	153,556	640	1	51	DJ1NO	26,550	126,560	515	9	IK8UW	10,584	97 </td			

LY2J	340,480	944	11	59	YU1CC	40,260	190	1	43	*UZ8I	49,266	311	0	34	SOUTH CAROLINA	15,129	162	37	4	RA3XEU	132	14	0	4													
*LY3B	188,598	749	2	49	*YT1VP	296,977	833	14	55	(OP: YU1MM)	K4CNW	16,371	162	37	4	UA9FM	26	5	0	2																	
LY4L	181,202	744	2	47	*YT2AA	93,105	422	1	44	*UX2KA	49,099	267	1	36	TENNESSEE	23,052	207	48	3	DJ7WW	86,526	330	12	45													
LY9A	181,152	764	2	46	*YT7IM	37,000	219	1	36	*UY5AR	48,934	245	0	43	GERMANY	23,680	194	37	3	DL8LRL	23,680	154	3	34													
LY3ID	124,550	555	3	47	*YT7D	31,484	188	0	34	*URSEPG	37,962	215	1	29	NB4M	16,680	194	37	3	DL8ZAJ	14,644	123	0	28													
LY2T	97,320	509	0	40	*YT2U	30,336	196	0	32	*UT5KEW	36,743	278	0	41	VIRGINIA	20,400	183	42	6	DL2GAN	2,800	49	0	14													
LY2MM	58,786	357	0	34	*YT1UM	18,630	140	0	27	*UT1KWD	35,957	176	0	41	DJ3GE	1,441	34	0	11	WC4J	8,306	122	31	0													
LY2S	51,788	301	0	36					*UT6OK	30,100	218	0	31																								
*LY1SR	39,582	324	0	27					*UT5EPV	29,460	234	0	30																								
LY2OM	26,651	196	0	29					*US5QA	28,492	195	0	34																								
LY2ND	25,730	214	0	31	IT9INO	166,740	535	11	49	*UT5JA	27,372	222	0	28																							
LY3ZM	9,366	107	0	21	*IT9SFT	12,760	91	0	29	*UT5MM	26,559	184	0	33																							
LY4Q	216	18	0	4					*UT6UO	25,259	184	0	39																								
MOLDOVA	OM2VL	754,563	1,349	27	70	SLOVAK REPUBLIC	181,999	693	7	48	N6WG	16,892	176	37	4	HG1X	36,399	225	0	33																	
*ER2RM	65,428	299	0	44	*OM0WR	449,757	1,092	18	59	ARIZONA	13,112	146	44	0		32,776	205	1	33	HG6C																	
*ER3MM	62,730	316	0	41	OM7TRU	424,213	947	19	64	AT7JM	22,167	179	0	27	N6MA/7	1,264	38	15	1	IK5AFJ	51,165	259	1	44													
PA5KT	217,600	596	20	48	*OM3ZWA	181,999	693	7	48	AT7VR	20,706	146	0	29	NAG/E/7	1,264	38	15	1	IV3AOL	9,000	93	0	20													
PA1HR	125,888	447	11	45	*OM0TT	154,389	619	1	52	AT7SL	20,387	151	0	29	N6HI	245	16	6	1	IV3OP	12,500	60	3	0													
PASWT	75,555	348	1	44	*OM5FA	122,056	613	1	43	AT7UL	18,720	156	0	30	OREGON	10,841	111	32	5	IK3JPB	36	3	0	3													
PA3AAV	72,144	300	6	42	*OM7AG	105,936	449	6	42	AT7ZD	10,516	108	0	22	K6UM/7	21,060	155	0	27	RA2FB	21,060	155	0	27													
PA0CYW	31,086	197	1	32	*OM8LA	103,341	443	3	46	AT7ZF	10,327	107	0	23	UTAH	22,936	222	44	3	YL2CV	23,856	172	0	28													
PA3BWK	13,380	96	0	30	*OM7OM	77,850	306	6	44	AT8LN	9,734	58	0	31	MICHIGAN	20,884	213	46	0																		
PA0INA	8,000	51	2	30	*OM4DN	54,230	332	0	34	AT8IV	9,576	118	0	19	N8GP	14,134	174	37	0	LY4BF	48,314	293	0	34													
PA0JNH	5,310	35	0	30	*OM7YC	46,812	200	8	39	AT8VR	8,680	86	0	20	N8BB	14,134	174	37	0	LY5G	6,517	71	0	19													
*PA5MW	103,986	406	13	40	*OM5EA	44,280	249	1	40	AT95C	4,284	278	0	17	OHIO	109,668	622	56	18	PA0RBO	1,000	20	0	10													
PE2JMR	22,720	149	0	32	*OM5UM	26,910	179	0	30	AT95D	4,175	28	0	15	NETHERLANDS	4,356	56	0	18	SP2DNI	91,266	451	1	41													
PA0TCJA	20,736	108	8	28	*OM2DT	22,896	131	0	36	AT95E	4,180	52	0	10	INDIANA	15,414	173	41	1	SP6LV	28,900	179	1	33													
PA0SKP	11,861	103	0	29	*OM4DU	14,014	119	0	26	AT95F	4,130	29	0	11	SP3IOE	13,664	111	0	28	PA0RBO	4,356	56	0	18													
PA3ANN	10,580	96	0	23	*OM3BA	12,600	126	0	21	AT95G	780	18	0	10	MACEDONIA	1,000	20	0	10	SP2DNI	91,266	451	1	41													
PA3ARM	8,671	75	1	22					*UR5ET	124	17	0	2	ROMANIA	24,921	187	0	27	SP6LV	53,680	279	2	38														
PG7V	7,194	69	0	22					*UT5UKA	93	8	0	3	NETHERLANDS	2,356	56	0	18	PA0RBO	4,356	56	0	18														
PA3GQF	4,436	57	0	16															SP3IOE	13,664	111	0	21														
PA0RBA	3,876	61	0	19															SP2DNI	91,266	451	1	41														
PA0FAW	3,003	49	0	13															SP6LV	28,900	179	1	33														
PA3HGF	2,055	28	0	15														SP3IOE	13,664	111	0	28															
PG2AA	1,309	25	0	11														SP2DNI	91,266	451	1	41															
PA3DSB	448	22	0	7														SP6LV	28,900	179	1	33															
NORTHERN IRELAND	143,262	443	19	44														SP3IOE	13,664	111	0	28															
*GI0RQK	G4D0H	24,864	159	0	32	SE8I	99,568	403	8	41	9M6YBG	140	7	0	2	EAST MALAYSIA	28,028	247	50	2	Y08RIX	24,921	187	0	27												
MORWAY	125,718	541	1	45	EA7LU	64,531	278	1	46	9M6YBG	140	7	0	2	K0CD/9	28,028	247	50	2	Y08RIX	24,921	187	0	27													
L99FA	20,288	123	0	32	EF3A	64,531	278	1	46	9M6YBG	140	7	0	2	K9FO	49,704	395	51	6	Y08RIX	24,921	187	0	27													
*LA8WG	2,805	38	0	15	EA4KD	39,936	141	18	34	9M6YBG	140	7	0	2	WEST VIRGINIA	6,384	105	28	0	YU1LM	11,361	117	0	21													
*LA5LJA	2,508	31	0	19	EA4EC	11,200	79	4	24	9M6YBG	140	7	0	2	INDIANA	15,414	173	41	1	YU1LM	11,361	117	0	21													
POLEAND	593,658	1,261	22	64	EA4KOD	39,936	141	18	34	9M6YBG	140	7	0	2	ILLINOIS	15,414	173	41	1	YU1LM	11,361	117	0	21													
SP2LWN	278,346	778	13	56	EA4NP	10,920	77	2	26	9M6YBG	140	7	0	2	MINNESOTA	13,352	204	38	32	YU1LM	11,361	117	0	21													
SP9GR	147,840	634	0	8	EA4NS	9,850	98	3	22	9M6YBG	140	7	0	2	MINNESOTA	13,352	204	38	32	YU1LM	11,361	117	0	21													
SD61	143,920	541	8	48	EA4NS	3,380	40	1	19	9M6YBG	140	7	0	2	BRAZIL	138,458	491	51	7	YU1LM	11,361	117	0	21													
SP3SLU	104,791	503	0	35	EA3EC	3,136	43	0	17	9M6YBG	140	7	0	2	AFRICA	37,447	500	51	6	YU1LM	11,361	117	0	21													
SP1NY	101,336	381	8	45	EA4DP	3,070	45	0	17	9M6YBG	140	7	0	2	CANARY ISLANDS	6,384	106	29	3	YU1LM	11,361	117	0	21													
SP7UWL	94,752	461	0	42	SM6FUD	32,544	216	0	32	9M6YBG	140	7	0	2	ASIA	1,519	32	0	6	YU1LM	11,361	117	0	21													
*SO9JY	9,350	79	0	25	SM6FUD	32,544	216	0	31	9M6YBG	140	7	0	2	ASIA	1,519	32	0	6	YU1LM	11,361	117	0	21													
SP6TRX	5,645	223	0	21	SM6GPM	16,300	178	0	31	9M6YBG	140	7	0	2	ASIA	1,519	32	0	6	YU1LM	11,361	117	0	21													
SO5NO	31,341	210	0	31	SM6GBM	1,568	27	0	14	9M6YBG	140	7	0	2	ASIA	1,519	32	0	6	YU1LM	11,361	117	0	21													
SO3HMM	25,256	183	0	28	SM6NET	6,440	65	0	20	9M6YBG	140	7	0	2	ASIA	1,519	32	0	6	YU1LM	11,361	117	0	21													
SP7OHR	21,360	143	1	29																																	



This setup belongs to the ED1R Multi-Op from Spain. Here are DH1TW and EC1KR digging out callsigns together.

N8XX	265,335	1,152	58	37	LITHUANIA	316,039	942	17	57
W8RT	247,380	1,061	58	37	LY2W	327,906	971	7	51
			LY2XW		LY2J	241,450	896	5	50
	OHIO				LY7A				
WW8OH	70,620	608	55	5	NETHERLANDS	426,976	868	29	59
					PC5M	405,000	1,002	21	54
K9CT	328,442	1,360	59	38	PI4D	332,511	1,004	19	50
					PA3FKN				
W8AIH/9	181,026	860	57	32	NORWAY	201,180	683	6	54
N8NI	289,710	1,340	59	31	LN50	97,344	416	3	45
			LA2AB		POLAND	487,874	1,135	16	67
W8MR	88,306	604	55	12	HF8J	464,400	1,078	18	68
			SP2KPD		HF1Z	182,875	665	7	48
KD8S	51,088	359	50	12		107,100	428	6	45
	CANADA				ROMANIA	306,372	917	12	54
VE20J	576,205	1,123	59	42	Y05PBF				
	QUEBEC				SERBIA	651,510	1,302	23	67
VE3YAA	277,585	744	56	21	YT8A				
VA3DX	256,968	591	55	31	SLOVAK REPUBLIC	983,772	1,531	30	78
					OM7M	318,920	929	16	52
CG6AKM	627,585	1,131	59	46	OM3RR	310,216	905	12	56
CG6ANM	389,952	768	55	41	OM6A				
	MEXICO				SLovenia	1,008,504	1,490	33	83
XE1TD	70,649	275	47	6	S52OP	520,285	1,154	22	63
			S57UN		4,104	50	0	18	
			S59T						
	ASIA				*WA2JOK	20,944	222	39	5
RU0FM	83,444	290	10	36	*WA2MCR	17,404	202	35	3
RK0LWW	2,604	79	0	7	*W2JUV	10,438	138	32	2
	ASIATIC RUSSIA				*W2JW	9,052	128	30	1
					*W2K1D	6,840	104	30	0
					*N2BEG	3,675	71	21	0
					*KC2YEA	3,675	62	25	0
					*K2BKL	3,575	62	25	0
					*WSSMHL/4	1,224	34	18	0
					*KM4RK	3,864	63	26	2
XU7ACY	3,450	25	0	15	SK7DX	558,475	1,197	21	68
	CAMBODIA								
	JAPAN				K2TTT	62,781	529	42	9
JA3YBK	254,736	459	26	46	N2ED	27,719	227	45	8
JE7ZMT	44,936	178	13	28	N1RK	12,512	173	31	1
JA1VPA	17,220	82	8	20	*W2ID	51,462	417	46	8
JA6ZPR	13,950	98	8	17	N2HMM	21,294	229	39	3
JF2ZPA	610	44	1	4	*W2JEK	3,982	74	22	0
	SWEDEN				*K2DZB	456	16	12	0
					*KC2LST	360	15	10	0
	EUROPE								
CR2W	258,960	458	42	36	SWITZERLAND	77,532	426	0	39
	AZORES								
	OCEANIA				AA1K/3	10,580	556	53	23
	EASTERN KIRIBATI				*KA3HED	15,280	167	38	2
	HAWAII								
EW1WA	416,883	1,021	13	66	N3HBX	186,800	1,007	57	23
	BELARUS				N3LBB	68,820	483	47	13
	BELGIUM				W3AAN/3	54,648	330	51	15
ON9CC	536,800	1,104	25	63	N1SZ/3	43,898	424	42	5
	INDONESIA				K3ZQ	23,136	222	43	5
E7DX	4,064	46	1	15	K3STX	15,580	182	37	1
	BOSNIA-HERZEGOVINA				*W3AMKC	16,008	143	39	7
	1,049,030	1,559	35	80	YE2W				
	CROATIA				YE1C	4,152	70	23	1
9A7T	123,750	502	4	46	SOUTH AMERICA	1,800	46	18	0
	ARGENTINA								
	ALASKA				LO2F	67,716	145	35	19
	LO1				LS1D	10,470	50	19	11
	CZECH REPUBLIC								
OL7M	847,896	1,483	25	78	MALPELO ISLAND	746,820	796	54	54
OK5Z	809,370	1,429	23	79					
OK5W	649,248	1,252	25	71					
OK7K	478,467	1,175	21	60					
OK1KIM	472,500	1,097	21	63					
OK5T	356,902	996	17	57					
OK6T	322,806	884	16	57					
OL1C	218,595	838	10	47					
OK1KDO	193,638	715	8	51					
OK1KZD	103,403	447	7	46					
OK2RDI	15,363	125	0	27					
	DENMARK								
5P12EU	59,080	363	0	35					
	ENGLAND								
G4AQG	237,168	592	26	46					
GB4SEN	135,808	364	26	38					
	SSB RESULTS								
	SINGLE OPERATOR								
ES9C	927,476	1,521	21	86	NORTH AMERICA				
	ESTONIA				N4PN	305,074	1,207	58	40
	EUROPEAN RUSSIA				W0ADX	91,512	687	51	11
RL3A	536,040	1,145	16	74	KU8E/4	82,740	515	55	2
RQ2E	441,693	1,093	13	68	K0NE/4	70,860	552	52	8
RZ4FWW	271,358	723	6	68	K4DOL	9,430	99	36	5
RM3F	208,593	720	2	61	K4KJL/K4/	3,105	59	27	0
UA3A/1	166,839	685	2	55	*W4WQ	11,544	135	33	4
RT4F	123,424	421	6	52	*W4TKI	4,452	74	23	5
RU4SO	120,336	529	0	48	*AJ1F/4	286	13	11	0
RC3W	67,108	416	0	38					
RK4HYT	55,848	314	1	38					
RZ4SWM	24,597	207	0	27					
	FINLAND								
OH9W	288,600	880	8	57	K5ZD/1	21,094	165	45	8
064T	222,012	673	4	59	W1AN	8,640	130	30	0
	GERMANY				W1WEF	7,486	79	24	2
DR1A	801,460	1,327	35	75	*W1EQ	45,262	379	46	7
DM8D	552,997	1,125	33	64					
DL0AO	507,408	1,151	23	65	K1MAZ	6,902	102	27	2
DL1AUZ	504,896	1,135	25	67	KX1X	6,669	111	27	0
DO4W	420,146	987	23	60	K1HP	5,394	69	27	4
DM0B	394,131	1,013	20	59	KK1KW	225,990	934	57	33
DR1D	355,680	1,008	16	60	AF1T	58,368	452	50	7
DO4T	234,176	810	14	50	K1HAP	33,184	216	49	12
DF0TX	177,042	730	8	49	K1AR	32,742	265	43	8
DK0RZ	72,450	401	4	42	*WX1S	13,642	150	35	3
	GREECE								
SX3T	411,985	952	25	54	W1XX	156,654	736	54	27
	RHODE ISLAND				K1DFT	17,672	182	43	4
HUNGARY	564,282	1,191	20	67	VERMONT	30,396	256	45	6
HG5A	521,808	1,166	22	62	KK1L	11,118	137	32	2
HG7T	471,867	1,086	16	63	*KB1NHV				
	ITALY								
I4EWH	667,500	1,247	26	74	NEW JERSEY	33,074	312	44	2
I4DPM	597,645	1,177	22	73	NW2K	26,100	184	49	9
IV3ZQX	361,000	948	21	55	W2CCC	(OP: K2CS)			
I3ZGFZ	204,068	595	16	52					
IQ3RK	97,167	418	2	47	*W2TZ	21,698	259	37	1
						95,700	643	51	15

