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# Results of the 2013 CQ WW DX 160 Meter Contest

BY ANDY BLANK,\* N2NT

Beginning with this CQ WW DX 160 Meter Contest report, the complete score listings are being published online only (and this pertains to all of the CQ contests). To view the full score listing, visit the CQ Home Page at <<http://www.cq-amateur-radio.com>> and click on the link under "Current Issue Highlights." In addition on the CQ webpage look for the expanded results of the 2013 160M Contest: Guest Ops, QRM, and full tables.  
—W2VU

**A new era in CQ Contest results:** 2013 has marked some major changes in CQ magazine contest results reporting. The new five-day deadline for log submission has been welcomed with open arms. A few stations requested extensions, but for the most part, all the logs were submitted on time. As expected, the total number of logs received decreased again from 2012, another 500. This marks a decrease of almost 1000 logs since 2011, when conditions on Top band were phenomenal. We suspect the activity to increase as the cycle winds down, as the CQ160 remains one of the "can't miss" events on the contest calendar.

We are releasing the results almost six months earlier than usual with the new changes. This is a vast improvement over the old publication of results, and we hope to do even better in the future. We collect paper logs months after the event, and hope to eliminate paper log submission some day. In this age of contesting, we hope everyone will make it simpler for the log checkers and submit the required Cabrillo log. This will make turn around that much quicker.

The other major change is the score listing now not be published in the magazine but will be on the CQ magazine website: <[http://www.cq-amateur-radio.com/cq\\_contests/index\\_cq\\_contests.html](http://www.cq-amateur-radio.com/cq_contests/index_cq_contests.html)>, and also on the official CQ160 website: <<http://www.cq160.com/>>.

We will concentrate more on top ten listings, along with more personal stories and pictures in the magazine.

## Getting Ready for the Contest

What does it take to get ready for the CQ 160M Contest? Ask Jim K5RX, number 1 on CW and number 2 in Texas on SSB:

"After staying up as late as I could (3:00 a.m.), I got up at about 1:00 p.m. Thursday. After doing just a little legal work, I set the transmit array combiner control boxes to actuate all relays. Then, one by one, I went to each of the three switching units. I verified voltage was present on each control wire, loosened and re-tightened each of the eight coax connectors, and put down ant killer and a new insect-repellent cattle-ear tag. I discovered a three-mouse colony at the switching unit for

V1/V2. I evicted them swiftly. They had done no damage. For some reason, the blue CAT5 cable I use for the control lines had shown no mouse nibbles, despite being about the same diameter as mouse-magnet RG58."

## CW Results

There are major players every year in the CQ 160. The dedication required to keep a competitive Top band station cannot be understated. To be successful on 160 requires a unique combination of location, engineering, and operating skills. In addition, you need a quiet and directional combination of receive antennas. At the top, you won't find the city lots with 35-foot towers! But that doesn't stop many stations with smaller setups from participating. Every year we get story after story about "having a blast with an inverted L off the roof, or loading a short vertical, etc., and these are the stories that make the contest fun for everyone. After all, you need activity to provide enough stations to fill the logs and the thrill of working your first DX or even just out of your local area on 160 is what makes it great.

**Multi Operator.** For Multi-Op CW 131 logs were submitted. No better display of dedication can be found than the results from just a few ops at S51V. The group of S50K, S51V, S52OP, and S59A piloted the station to the World Multi-Op combined score for both CW and SSB! Not so easy to do from EU, where the activity is high and QRM abounds. The score on CW for S51V was 5th in the world, with CS2F, E7DX, C4N, and OM7M ahead. In the USA, every year provides an intense battle in Multi-Op and this year was no exception. The gang at K1LZ (K1LZ, K3JO, AE2W, N8BO) edged out the South Jersey group at W2GD and the always present NR4M from Virginia.

And where does a group of contesters from the UA2 Contest club (R1DX, RN2FA, RU1AB, UA2FB, UA2FF, UA2FZ) go to win a 160 contest? Portugal of course! CS2F had the highest score in either contest at 1.74 meg. Great job, guys!



Paulo, PV8DX, fought the summer QRN in Brazil to work the 160M CW contest from this fine station.

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## 2013 CQ WW 160M CONTEST TROPHY WINNERS AND DONORS

### CW

**SINGLE OPERATOR  
WORLD**  
Jeffrey Maass (K8ND), PJ2T  
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**  
Ivan Mastilovic, YU1LA  
Donor: Andy Chesnokov, UA3AB

**Southern Hemisphere**  
Al Van Buren, CE1/K7CA  
Donor: Robert Kile, W7RH

**U.S.A.**  
Doug Grant, K1DGG  
Donor: Ken Byers, K4TEA

**U.S.A. Low Power**  
Mark Bailey, KD4D  
Donor: Rich Kennedy, N4ESS

**U.S.A. QRP**  
Pat Collins, N8VW  
Donor: Bob Raymond, WA1Z

**U.S.A. Assisted**  
Sejo Sudic, N3UA  
Donor: Akito Nagi, JA5DQH

**U.S.A. Zone 5**  
Peter H. Briggs, K3ZM  
Donor: Paul H. Newberry, Jr., N4PN

**U.S.A. QRP Zone 4**  
Gene Bowman, WB4MSG  
Donor: Dale Putnam, WC7S

**U.S.A. Assisted Zone 4**  
Victor A. Kean, Jr., K1LT  
Donor: Pete Michaelis, N8TR

**U.S.A. Assisted Zone 3**  
Bob Epstein (K8IA), N7AT  
Donor: Larry Pace, N7DD

**North America**  
George Balint (VE3NZ), 6Y3M  
Donor: CQ magazine – N4IN Memorial

**Canada**  
Jeffrey T. Briggs, VY2ZM  
Donor: VE2XAA Memorial  
by Thor Stefansson, TF4M

**Canada Low Power**  
Richard Guidone, VE3XL  
Donor: Contest Club Ontario

**Zone 3**  
Milt Jensen (N5IA), N7GP  
Donor: Andy Blank, N2NT

**Zone 4**  
John Sluymmer, VE3EJ  
Donor: Steve Schmidt, K4WA

**Africa**  
Ashraf Chaabane, 3V8BB  
Donor: James "Skip" Riba, WS9V

**Asia**  
Nodir Tursoon-Zadeh, EY8MM  
Donor: Missouri DX/Contest Club

**Asia - Assisted**  
Choigonjav Chadraabal (JT1CO), JT5DX  
Donor: Nodir Tursoon-Zadeh, EY8MM

**Japan**  
Masaki Okano, JH4UYB  
Donor: Alabama Contest Group

**Europe**  
Jozef Lang, OM3GI  
Donor: Emir-Braco Memic, OE1EMS

**Europe Low Power**  
Slavko Celarc, S57DX  
Donor: Petr Ourednik, OK1RP/DL1RK Memorial

**Europe QRP**  
Tomislav Polak, 9A2AJ  
Donor: Gary Breed, K9AY

**Europe Assisted**  
Stanislaw Frackiewicz, (SP3HRN), SN3R  
Donor: Carsten-Tomas Dauer, DL2OBO

**Russia**  
Mike Alekseev (RU3UR), RM2U  
Donor: UA2 Contest Club

**Oceania**  
Michael Gibson (KH6ND), KH7X  
Donor: Robert L. Choritek, AA6VB

**South America**  
JORGE PRIETO, HK1R  
Donor: John Rodgers, WE3C

**MULTI-OPERATOR  
WORLD**  
UA2 CONTEST CLUB, CS2F  
(Andrej Maxim R1DX, RN2FA, RU1AB, UA2FB,  
UA2FF, UA2FZ, ops)  
Donor: Hugh Valentine, N4RJ

**U.S.A.**  
Krassimir D Petkov, K1LZ  
(K1LZ, K3JO, AE2W, N8BO ops)  
Donor: Battle Creek Special Crew  
W0CD, K8GG, W8UVZ

**Zone 3**  
LEE SHAKLEE, W6BH  
(K7JA W6DF W6ZL ops)  
Donor: Riki Kline, K7NJ/4X4NJ

**Europe**  
Emir Braco Memic, E7DX  
(E7OR, E7OT, E74IW, E76C, E77DX, E77E ops)  
Donor: Bob Evans, K5WA

**Zone 16**  
Andy Kotovsky (UU4JMG), UU7J  
(UU0JM, UU4JMG, UU6JJ ops)  
Donor: Top Band DX Club

### SSB

**SINGLE OPERATOR  
WORLD**  
Salim Gechem, HK1T  
Donor: Bill Barr, N4NX

**World Low Power**  
Tony Ramos, KP4KE  
Donor: Howard Klein, K2HK

**World QRP**  
Andrzej Michowski, SP2DNI  
Donor: Mike Schwieterman, K7DSL

**World Assisted**  
Luis Ezequiel P. Gomes, CT3DL  
Donor: Ray Sokola, K9RS

**Southern Hemisphere**  
Alberto Pincay, HC2AQ  
Donor: Riki Kline, K7NJ/4X4NJ

**U.S.A.**  
Peter H Briggs, K3ZM  
Donor: W4PZV Memorial  
by Mark Luhman, W4SVO

**U.S.A. Low Power**  
George Vercic, W8CO  
Donor: Tim Duffy, K3LR

**U.S.A. Assisted**  
Bud Governale, W3LL  
Donor: Mississippi Valley DX & Contest Club

**U.S.A. Zone 3**  
Milt Jensen (N5IA), N7GP  
Donor: Dr. Larry Flegle, N4TMW

**U.S.A. Zone 4**  
Jerry Rosalius, WB9Z  
Donor: Alabama Contest Group

**U.S.A. Zone 5**  
Steven Sussman, W3BGN  
Donor: Jim Monahan, K1PX

**U.S.A. Assisted Zone 4**  
Geoffrey Mendenhall, W8GNM  
Donor: Pete Michaelis, N8TR

**North America**  
John Barcroft (K6AM), ZF2AM  
Donor: CQ magazine – K2EEK Memorial

**Canada**  
Jeffrey T. Briggs (K1ZM), VY2ZM  
Donor: Tom Haavisto, VE3CX

**Canada Low Power**  
Brian Campbell, VE3MGY  
Donor: Rudy Bakalov, N2WQ

**Africa**  
Rafael Sanchez, EA9CF  
Donor: Carl Henson, WB4ZNH

**Asia**  
George Smirnov (UN9LG), UP2L  
Donor: Ed Campbell, NX7TT

**Asia Assisted**  
Igor Khrennikov, RA9CMO  
Donor: Nodir Tursoon-Zadeh, EY8MM

**Europe**  
DUSAN CEHA (YU1EA), YT8A  
Donor: James "Skip" Riba, WS9V

**Europe Low Power**  
Bela Nagy, HA8BE  
Donor: Contest Club Ontario

**Europe Assisted**  
Andy Kotovsky (UU4JMG), UU7J  
Donor: Bob McGwier, N4HY

**Russia**  
Victor GETMANOV, R7NP  
Donor: UA2 Contest Club

**Oceania**  
Ron Tremayne, VK3IO  
Donor: Al Teimurazov, 4L5A

**South America**  
Eduardo Araujo, LU2DKT  
Donor: John Rodgers, WE3C

**MULTI-OPERATOR  
WORLD**  
Petr Clupny, OK7K  
(OK1BN OK1GK OK1VAO ops)  
Donor: Southeastern DX Club

**Zone 3**  
Harold Sibert, K7AED  
(K7AED, W7GNP ops)  
Donor: Paulo Costa Leite, PV8DX

**U.S.A.**  
South Jersey DX Association, N2CW  
(K2RET, KE2OI, N2HM, N2OO, N2OZ, W2ARP, W2CG,  
W2OB, W2RDM, W2USF, WA2ZZE .ops)  
Donor: Jerry Rosalius, WB9Z

**Europe**  
SILVO KNUPLEZ, S51V  
(S51V, S52OP, S59A ops)  
Donor: South Jersey DX Association, N2CW

**COMBINED WINNERS**  
WORLD Single Operator Combined SSB/CW  
Jeffrey T. Briggs, VY2ZM  
Donor: Alex Tkatch, KU1CW

**WORLD Multi Operator Combined SSB/CW**  
SILVO KNUPLEZ, S51V  
(S50K, S51V, S52OP, S59A ops)  
Donor: Top Band DX Club

**U.S.A. Single Operator Combined SSB/CW**  
Peter H Briggs, K3ZM  
Donor: Jeff Briggs, K1ZM/VY2ZM



*Here is Gary, K9MMS, who has been a stalwart on 160 for many years.*



*How much equipment do you need to win QRP? Ask Brian, VE3MGY!*

**Single Operator Assisted.** The second most popular category, with 672 logs, featured a dominating performance from Ivan, YU1LA, breaking the elusive million-point barrier. The next four scores were all from EU, but only separated by 31K. SN3R, IKØYUT, OM2KI, and OMØM were neck, neck, neck, and neck. In the USA, Sejo, N3UA, piloted the W4DR station to top spot by almost 200K over the nearest competitor, K3WW.

**Single Operator QRP.** 124 logs were submitted for QRP. The always dangerous Brian, VE3MGY, took top world honors for the second year in a row in the tough QRP category. This author, N2NT, has tried QRP on 160, and it requires a special person to sit in the chair and take the abuse! Congratulations, Brian. Kudos go to 9A2AJ, N8VW, OK1FKD, and EU1AA who rounded out the world top 5. There were 10 stations over 100K in QRP, a great feat.

**Single Operator Low Power.** The most popular category, with 814 logs,

provided 2012 winner Arunas, LY2IJ, with a new trophy for the wall! With S57DX, OK2BFN, LY9A, and HA5BSW, who all are big-time 160 contesters who were hot on his tail, it made for an interesting battle. The score from Mark, KD4D, actually placed second in the world, and first USA, which is quite an accomplishment! Mark distanced the competition by 150K, with VE3XL, K1HTV, WA1Z, K8BL, and K8FH all within 30K of each other.

**Single Operator World.** Always one of the most competitive categories, with 538 logs, there were an incredible five scores over 1 meg! This was easy to do in years like 2009, but not during sunspot peaks. The winner by a whopping 500K was Jeff, K8ND, from the PJ2T superstation. Last year's Assisted winner, Jeff is decorating the wall in the island QTH with lots of wood. The next four spots were separated by only 130K, with Ashraf, 3V8BB, leading the way in second. OM3GI, G5W, and ES5RR rounded out the top five. In the USA, the usual suspects battled for top

of Top band. Once again Doug, K1DG, operating from his island QTH in Maine, won the honor. Doug edged out Peter, K3ZM, by only 12K. Don't feel bad for Peter, who won the combined USA SSB/CW trophy! Dennis, W1UE, was not far behind from the Cape Cod QTH of W1KM, with 160 regulars AA1K and K3WI both over 700K. And in Canada, who else but VY2ZM with a huge 1.5-meg score never ceases to amaze. John, VE3EJ, who has a big 160 setup, can only smile at Jeff with over 900K, good enough for second. VA2EW and VE3TA both with over 700K rounded out the top four.

## SSB Results

SSB on Top band can be quite challenging. Yet we received almost as many logs as in 2012. The scores were down, but the competition still was high. It's a great way to spend a cold northern winter weekend!

**Multi Operator.** In this category 79 logs were submitted. As mentioned before, S51V took top combined and came in second place on SSB. The winners were the team at OK7K (OK1BN, OK1GK, OK1VAO), with almost 600K. OL7M was only 56K behind with SN3R, and HG7T rounding the top five. In the USA, the boys at N2CW put the same QTH used by the W2GD team on CW to good use, taking top honors. There were 11 operators at N2CW! Yes, all for one band. Lots of time for eating and drinking with 11 guys in a single band contest, but again a great show of dedication. W8IF, ND8DX, and KG8CO were in a close battle for second, separated by only 50K.

**Single Operator Assisted.** This was the second most popular category on SSB with 265 logs. The World leader by a huge margin of 250K was Luis, CT3DL, using the African advantage to amass the second highest score in the entire contest! Andy, UU4JMG, piloted UU7J to the number two

## 2013 CQ WW 160M CONTEST TOP SCORES

<b>CW</b>	*HA5BSW.....291,124	N4RV.....516,636	*VA3WU.....49,235	<b>ORP W/VE</b>
<b>SINGLE OPERATOR</b>	*UR7D.....273,834	W5MX.....494,172	VE3KZ.....48,418	W0GJ.....38,248
<b>WORLD</b>	*R1DM.....272,910			WB4MSG.....28,260
	*HA8BT.....267,048			WA4HHG.....18,720
	*OK1FPS.....264,333			WA4VMC.....14,600
		<b>ASSISTED WORLD</b>	<b>ZONE 3</b>	K9RJZ.....5,628
PJ2T.....1,635,625		YU1LA.....1,026,084	N7GP.....146,832	W1CEK.....1,479
VY2ZM.....1,569,542		SN3R.....878,256	KG7H.....95,436	K0CD.....1,472
3V8BB.....1,173,460		IK0YUT.....867,465	K7RAT.....25,960	WD9FTZ.....980
OM3GI.....1,115,010	<b>LOW POWER W/VE</b>	OM2KI.....865,351	W7AV.....25,520	K3TW.....810
G5W.....1,077,992	*KD4D.....394,902	OM0M.....847,682	N17J.....15,792	KD7UO.....387
ES5RR.....1,047,880	*VE3XL.....247,032	LZ9W.....787,580	*NS7K.....15,686	
VE3EJ.....931,911	*K1HTV.....245,410	N3UA.....783,184	KG6AO.....14,476	
HK1R.....931,725	*WA1Z.....245,180	LY7M.....769,704	N6NF.....12,996	
K1DG.....867,240	*K8BL.....221,536	OK2D.....750,228	*W7ZR.....10,132	
EY8MM.....863,214	*K8FH.....212,541	F5IN.....723,472	*W7AVK.....7,776	
	*NW2K.....209,352			<b>MULTI-OPERATOR WORLD</b>
	*WO1N.....205,344			OK7K.....586,872
	*NA8V.....203,931	<b>ASSISTED W/VE</b>	<b>ZONE 4</b>	S51V.....541,163
<b>USA</b>	*K3AJ.....190,570	N3UA.....783,184	WB9Z.....363,800	OL7M.....530,008
K1DG.....867,240		K3WWW.....592,242	VE3CX.....150,016	SN3R.....341,877
K3ZM.....855,840		K1LT.....516,340	WD5COV.....141,750	HG7T.....326,095
W1UE.....827,576		AA3B.....499,904	*W8CO.....129,291	N2CW.....317,526
AA1K.....783,881	<b>ORP WORLD</b>	VE3KI.....477,564	AK5DX.....122,901	DL2CC.....306,270
K3WI.....735,658	VE3MGY.....214,320	W4NF.....471,020	*VE3MGY.....114,480	S56P.....299,884
NO3M.....682,660	9A2AJ.....199,597	N3RS.....457,296	W4KW.....93,056	DL0CS.....287,656
W3BGN.....576,730	N8VW.....154,445	N3RR.....414,963	K5RX.....84,169	HB300K.....278,070
N2NT.....488,072	OK1FKD.....150,904	VE3MMO.....404,687	VE6BBP.....80,825	
N4UA.....472,018	EU1AA.....145,575	K0TV.....401,338	*K0TT.....77,748	<b>MULTI-OPERATOR W/VE</b>
WB9Z.....469,455	S53Q.....124,980			N2CW.....317,526
	SP2DNI.....119,760			W8IF.....263,934
	HA5NB.....115,296			ND8DX.....252,180
	9A2UZ.....109,319	<b>SSB</b>	<b>LOW POWER WORLD</b>	KG8CO.....210,156
	S53AR.....100,205	<b>SINGLE OPERATOR</b>	*KP4KE.....303,114	WX3B.....199,410
		<b>WORLD</b>	*HA8BE.....182,094	N2CEI.....180,873
		HK1T.....803,529	*S57DX.....166,400	VE3MIS.....170,214
		K3ZM.....506,690	*Z36N.....133,375	W0AIH.....166,824
		Y78A.....494,506	*W8CO.....129,291	VE3DC.....138,653
		E17M.....471,295	*UY2UQ.....120,105	N8CC.....137,304
		CR2X.....407,192	*VE3MGY.....114,480	
		WB9Z.....363,800	*E74WN.....111,750	<b>ASSISTED WORLD</b>
		ZF2AM.....358,400	*YT0W.....102,000	CT3DL.....676,200
		*KP4KE.....303,114	*LY9A.....90,240	UU7J.....416,385
		ES5RW.....260,000		HF8J.....305,558
		DJ7WW.....225,456		DK6WL.....280,179
				W3LL.....256,959
				LY5W.....237,672
				3Z8T.....235,933
				RL3A.....234,549
				KV4FZ.....231,868
				N4RV.....208,398
				<b>ASSISTED W/VE</b>
				W3LL.....256,959
				N4RV.....208,398
				N3RR.....207,753
				W1EQO.....191,172
				VA3YP.....130,350
				W4SVO.....126,585
				VE3PN.....124,684
				AB2E.....116,347
				K3WWW.....115,416
				W1AN.....97,890
				<i>*Low Power</i>
<b>LOW POWER WORLD</b>	<b>MULTI-OPERATOR W/VE</b>	<b>USA</b>	<b>ORP WORLD</b>	
*LY2IJ.....448,335	K1LZ.....961,280	K3ZM.....506,690	SP2DNI.....45,000	
*KD4D.....394,902	W2GD.....913,003	WB9Z.....363,800	9A2UZ.....41,052	
*S57DX.....387,894	NR4M.....804,346	W3BGN.....222,728	W0GJ.....38,248	
*OK2BFN.....330,960	N1LN.....693,209	W3/DF9MV.....171,298	Y08SSB.....36,480	
*LY9A.....318,988	NO4I.....653,184	W3TS.....170,240	SQ2NNN.....36,155	
	KB1W.....648,312	K3ZO.....165,984	OK1HFP.....34,800	
	K0DI.....550,310	W6AAN.....149,732	S59D.....32,390	
	K9CT.....521,536	N7GP.....146,832	WB4MSG.....28,260	
		WD5COV.....141,750	DL8LR.....27,396	
		*W8CO.....129,291	ER2RM.....27,200	
		<b>VE</b>		
		VY2ZM.....202,400		
		VE3CX.....150,016		
		*VE3MGY.....114,480		
		VE6BBP.....80,825		
		VE3EJ.....73,405		
		*VE3VZ.....55,750		
		*VE3NB.....53,193		
		*VE3EDY.....49,764		



Eddy, LU2DKT, who always manages to activate Argentina in the contest. Thanks, Eddy!



OZ/K3ZJ guest op'd at OZ5E/OZ1ADL for the 160 SSB contest weekend.

### 2013 CQ WW160M CONTEST CLUB SCORES

(Minimum of 3 three entries required for listing)

SCORE.....#ENTRIES.....CLUB			
21,393,199.....194.....	BAVARIAN CONTEST CLUB	465,091.....7.....	SOUTH URAL CONTEST CLUB
18,265,518.....133.....	POTOMAC VALLEY RADIO CLUB	456,630.....6.....	RUSSIAN CW CLUB
9,506,392.....74.....	YANKEE CLIPPER CONTEST CLUB	438,094.....5.....	ROCHESTER DX ASSOCIATION
8,820,934.....60.....	RHEIN RUHR DX ASSOCIATION	437,651.....11.....	DFW CONTEST GROUP
8,785,005.....64.....	FRANKFORD RADIO CLUB	424,770.....5.....	WESTERN NEW YORK DX ASSOCIATION
6,449,707.....49.....	CONTEST CLUB ONTARIO	406,413.....8.....	BRISTOL (TN/VA) ARC
6,191,294.....50.....	UKRAINIAN CONTEST CLUB	357,668.....7.....	GRAND MESA CONTESTERS OF COLORADO
5,963,696.....21.....	SLOVENIA CONTEST CLUB	347,977.....4.....	SHAKHAN CONTEST CLUB
5,168,373.....37.....	BLACK SEA CONTEST CLUB	341,607.....5.....	GEORGIA CONTEST GROUP
4,813,803.....16.....	CROATIAN CONTEST CLUB	328,633.....5.....	CENTRAL TEXAS DX AND CONTEST CLUB
4,599,041.....41.....	KAUNAS UNIV. OF TECHNOLOGY RADIO CLUB	317,911.....3.....	R4F-DX-G
4,049,981.....67.....	SOCIETY OF MIDWEST CONTESTERS	308,310.....4.....	LA CONTEST CLUB (NORWAY)
3,575,176.....16.....	MAD RIVER RADIO CLUB	302,517.....5.....	YO DX CLUB
3,564,802.....51.....	ARIZONA OUTLAWS CONTEST CLUB	277,388.....8.....	DEUTSCH AMATEUR RADIO CLUB
3,452,476.....32.....	SP DX CLUB	268,175.....4.....	DELARA CONTEST TEAM
3,206,079.....17.....	CONTEST CLUB FINLAND	259,351.....3.....	CENTRAL OHIO OPERATORS KLUB EXTRA-NOVICE
2,674,815.....10.....	HUNGARIAN DX CLUB	253,232.....5.....	THRACIAN ROSE CLUB
2,093,531.....5.....	DXARC COLOMBIA	248,820.....13.....	WEST PARK RADIOPS
2,083,236.....6.....	BOSNIA AND HERZEGOVINA CONTEST CLUB	243,145.....5.....	RADIO CLUB HENARES
2,022,477.....30.....	TENNESSEE CONTEST GROUP	231,397.....5.....	SOUTHWEST OHIO DX ASSOCIATION
2,019,543.....4.....	UA2 CONTEST CLUB	229,611.....3.....	MADISON DX CLUB
1,990,404.....16.....	NORTH COAST CONTESTERS	219,830.....5.....	1900 CLUB
1,835,473.....8.....	YU CONTEST CLUB	217,454.....5.....	MISSISSIPPI VALLEY DX/CONTEST CLUB
1,808,826.....12.....	SOUTH EAST CONTEST CLUB	207,545.....4.....	HILLTOP TRANSMITTING ASSOCIATION
1,762,094.....6.....	VYTAUTAS MAGNUS UNIV. RADIO CLUB	203,534.....5.....	MEDITERRANEO DX CLUB
1,677,721.....37.....	MINNESOTA WIRELESS ASSN	198,831.....4.....	KKKK CONTEST CLUB
1,423,112.....12.....	URAL CONTEST GROUP	186,811.....3.....	KANSAS CITY CONTEST CLUB
1,404,351.....8.....	CONTEST GROUP DU QUEBEC	181,513.....4.....	ARAUCARIA DX GROUP
1,386,986.....3.....	LZ CONTEST TEAM	174,021.....10.....	SOUTHERN CALIFORNIA CONTEST CLUB
1,368,227.....16.....	RUSSIAN CONTEST CLUB	153,186.....6.....	LOW COUNTRY CONTEST CLUB
1,266,843.....20.....	FLORIDA CONTEST GROUP	146,401.....4.....	UR-QRP-CLUB
1,256,352.....10.....	BELOKRANJEC CONTEST CLUB	145,869.....5.....	SPOKANE DX ASSOCIATION
1,254,265.....7.....	DANISH DX GROUP	135,075.....12.....	WESTERN WASHINGTON DX CLUB
1,032,666.....10.....	LATVIAN CONTEST CLUB	125,386.....7.....	WILLAMETTE VALLEY DX CLUB
981,031.....9.....	ALRS ST PETERSBURG	110,036.....4.....	UTAH DX ASSOCIATION
961,490.....15.....	ALABAMA CONTEST GROUP	96,663.....3.....	MICHAEL PUPIN MEMORIAL CLUB
953,879.....6.....	WEST SERBIA CONTEST CLUB	92,672.....7.....	CLUB DE RADIO EXPERIMENTADORES DE OCCIDENTE
890,260.....7.....	LITHUANIAN CONTEST GROUP	77,072.....4.....	ORCA DX AND CONTEST CLUB
833,466.....13.....	HUDSON VALLEY CONTESTERS & DXERS	73,642.....4.....	NORTH CAROLINA DX AND CONTEST CLUB
827,578.....6.....	BELARUS CONTEST CLUB	63,485.....3.....	RCWC
824,165.....29.....	NORTHERN CALIFORNIA CONTEST CLUB	62,494.....3.....	OBNINSK QRU CLUB
782,851.....7.....	CHILTERN DX CLUB	46,156.....4.....	METRO DX CLUB
708,284.....6.....	CTRI CONTEST GROUP	44,971.....4.....	BERGEN AMATEUR RADIOASSOCIATION
701,336.....13.....	DONBASS CONTEST CLUB	33,447.....3.....	ALEXANDER THE GREAT CONTEST GROUP
693,813.....12.....	CAROLINA DX ASSOCIATION	20,988.....5.....	RADIOCLUBUL QSO BANAT TIMISOARA
691,565.....10.....	VRHNIKA CONTESTERS	14,848.....4.....	OMSK REGION RADIOCLUB
680,085.....8.....	WORLD WIDE YOUNG CONTESTERS	12,020.....3.....	RADIO CLUB OF REDMOND
662,904.....9.....	MARITIME CONTEST CLUB	9,503.....3.....	PORTAGE COUNTY AMATEUR RADIO SERVICE
611,510.....3.....	SOUTH GERMAN DX GROUP	2,284.....6.....	UKRAINIAN DX CLUB
596,648.....4.....	SP CONTEST CLUB	185.....3.....	YB LAND DX CLUB
591,721.....3.....	Z37M CONTEST TEAM		
573,791.....5.....	GIPANIS CONTEST GROUP		
566,962.....6.....	NORTH TEXAS CONTEST CLUB		
502,001.....3.....	IVANOVO DX CLUB		



Sam, LY5W, led Lithuania Assisted from this fine station. I wonder what he's thinking?

spot, with HF8J, DK6WL, and W3LL following. Having a USA station in the top five is very impressive. Congratulations, Bud! Following W3LL were N4RV, N3RR, W1EQO . . . and VA3YP from Canada.

**Single Operator QRP.** There were 45 logs sent in, and if you think QRP on CW is hard, try phone! SP2DNI and 9A2UZ both tried it from EU and came in first and second World. Andrzej will have a nice plaque to show for it. The next five world spots were only separated by 6K! What a horse race! W0GJ, YO8SSB, SQ2NNN, OK1HFP, and S59D battled remarkably. Following GJ in the USA were WB4MSG and WA4HHG. Congrats to all for sticking it out on QRP.

**Single Operator Low Power.** With 406 logs, low power again proves to be the most popular category. The winner by a wide margin of over 100K was Tony, KP4KE. Tony proved again there is magic from the Carribean with only 100 watts. Second and third place were taken by long-time Top banders Bela, HA8BE, and Slavko, S57DX, followed by Z36N, W8CO, and UY2UQ. Congrats to George, W8CO, for breaking into the world top five! In the USA/VE, George was followed by VE3MGY, K1HTV, K0TT, and NY6DX.

**Single Operator.** With only 256 logs, the most competitive category produced the highest score in the entire contest! Congratulations to Salim, HK1T, whose score of over 800K was 100K higher than CT3DL in assisted . . . no small feat. YT8A almost broke the 500K barrier, and both EI7M and CR2X broke 400K. ZF2AM from the Caymans was number five in the world. In the USA, actually placing second in the world was Peter, K3ZM, breaking 500K. As previously noted, Peter took home the combined CW/SSB trophy for USA. Jerry, WB9Z, from Illinois was second with 363K from zone 4! Steve, W3BGN, no stranger to 160, came in third, with W3/DF3MV and W3TS neck and neck for fourth and fifth. Sven, DF9MV, operated from super station N3HBX to a fine showing. In Canada, VY2ZM and VE3CX took first and second place, respectively. Jeff used the SSB score to take the world combined SSB/CW trophy home! Also in the top five was VE6BBP! Not often is a station so far west mentioned in this group. Congratulations, Eric.

## Final Notes

We have been listening to many complaints about signal quality in the crowded 160 contests. In response, there have been

SDR recordings made around the world to monitor signals for key clicks, etc. The offending stations are notified as needed, and may be disqualified for multiple offenses. Please try to keep your signals clean for everyone's sake and enjoyment.

## In Closing

Special thanks to all those helping out to make the contest a success, including N6TR, K1EA, K1DG, K5TR, AA5B, and W5GN.

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 call sign used. Certificates and trophies will be mailed shortly.

Remember, all CQ contests have a five-day deadline for submitting logs. Check out the rules, as well as more, on CQ160.com for the latest information.

Thanks to all for participating and see you in 2014!

73, Andy, N2NT

## 2012 160M Contest Errata

The following corrections were made to the 2012 results:

Single Op Europe CW: Winner's name misspelled and should have been YT8A, Dusan Ceha.

CW:

Georgia LP winner should have been K4VIG

W4KLY was HP

W3DQ in DC not MD, both modes, and wins a certificate.

KE3X in DC not MD

N1EU in NY not NJ

K2ZR is in FL

JQ2VVH sent in paper log that was not received: 125 QSOs/  
13 W/VE / 29 C; Score: 42,588