

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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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.

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2012 CQ WW 160M CONTEST TOP SCORES

<p>CW SINGLE OPERATOR USA</p> <p>K3ZM 811,668 K1DG 704,667 AA1K 585,936 KD4D 457,311 NO3M 408,740</p> <p>VE</p> <p>VY2ZM 1,297,457 VE3EJ 843,432 VE3AT 661,440 VE3TA 650,754 VE3PN 334,576</p> <p>Zone 3</p> <p>W7RN 236,045 AC6DD 182,517 K7NU 172,425 KF6T 118,925 *N7IR 115,640</p> <p>QRP</p> <p>VE3MGY 133,458 N8VW 109,668 N0TT 96,558 SP2DNI 91,266 DJ7WW 86,526</p> <p>DX</p> <p>YT8A 847,484 CS2C 816,816 CE1/K7CA 773,711 OM2VL 754,563 KV4FZ 691,252</p>	<p>LOW POWER WORLD</p> <p>LY2IJ 340,480 SP3HLM 305,797 YT1VP 298,977 S57DX 265,930 9A2VR 238,144</p> <p>LOW POWER W/VE</p> <p>W2ID 191,264 W2TZ 177,408 N1UR 167,614 K8FH 160,240 NA8V 157,852</p> <p>QRP W/VE</p> <p>VE3MGY 133,458 N8VW 109,668 N0TT 96,558 WB4MSG 71,190 W4UX 60,669</p> <p>MULTI-OPERATOR WORLD</p> <p>E7DX 1,049,030 S52OP 1,008,504 OM7M 983,772 ES9C 927,476 K1LZ 879,780</p> <p>MULTI-OPERATOR W/VE</p> <p>K1LZ 879,780 W2GD 721,350 W8JI 678,900 VE2OJ 576,205 NY4A 501,381</p>	<p>ASSISTED WORLD</p> <p>PJ2T 1,443,260 P33W 1,198,567 LX7I 955,724 SN7Q 743,214 9A2DQ 694,148</p> <p>ASSISTED W/VE</p> <p>VE3NE 656,880 VE3RZ 479,904 K3WW 427,017 N3UA 405,104 VE3MMQ 389,658</p> <p>SSB SINGLE OPERATOR USA</p> <p>K3ZM 322,224 N4PN 305,074 WB9Z 275,688 KK1KW 225,990 W3BGN 191,970</p> <p>VE</p> <p>VY2ZM 886,236 VE3TA 442,428 VE3PN 202,721 VE6BBP 147,126 VE3CR 108,870</p> <p>Zone 3</p> <p>W6YI 88,941 W4LT 64,172 KE7BT 38,760</p>	<p>K7RAT 25,016 *KB7EEG 17,296</p> <p>QRP</p> <p>K5RX 53,298 SP2DNI 39,824 VE3MGY 39,556 SQ2NNN 29,124 DL7UMK 25,130</p> <p>DX</p> <p>ZF2AM 330,368 ES5RW 264,492 9A2DQ 251,124 OK1W 225,875 9A2VR 173,745</p> <p>LOW POWER WORLD</p> <p>S57DX 136,864 DF8XC 97,584 W2TZ 95,700 E77EZ 84,042 HA5BSW 83,496</p> <p>LOW POWER W/VE</p> <p>W2TZ 95,700 NT8Z 79,680 W8CO 72,688 KG4W 65,720 VE3VZ 58,752</p> <p>QRP W/VE</p> <p>K5RX 53,298 VE3MGY 39,556 KP4KE/W4 19,260</p>	<p>KE8UN 18,124 W0MRZ 16,544</p> <p>MULTI-OPERATOR WORLD</p> <p>S52OP 466,722 EI7M 446,082 OL7M 390,400 K1LZ 332,800 9A1P 332,652</p> <p>MULTI-OPERATOR W/VE</p> <p>K1LZ 332,800 N2CW 267,079 ND8DX 227,205 K8PO 224,688 N2CEI 176,300</p> <p>ASSISTED WORLD</p> <p>CT3DL 427,968 IZ4DPV 388,352 W2MF 228,232 5B4AIF 222,264 MW0ZZK 212,760</p> <p>ASSISTED W/VE</p> <p>W2MF 228,232 N3RR 158,240 VA3YP 149,397 W0AIH 142,569 N4RV 120,815</p>
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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 DE OCCIDENTE	3	77,408
BELARUS CONTEST CLUB	9	1,056,588	LU CONTEST GROUP	4	76,573
ALABAMA CONTEST GROUP	25	980,479	NEW MEXICO BIG RIVER CONTESTERS	4	75,995
CENTRAL TEXAS DX AND CONTEST CLUB	11	922,974	LOW COUNTRY CONTEST CLUB	5	72,538
PERUGIA CONTEST CLUB	4	868,840	SOUTH URAL CONTEST CLUB	3	70,599
ALRS ST PETERSBURG	7	804,186	KIEV CONTEST GROUP	5	68,561
CHILTERN DX CLUB	3	746,118	MOTHER LODGE DX & CONTEST CLUB	3	64,790
ROCHESTER DX ASSOCIATION	11	725,994	ARAUCARIA DX GROUP	3	63,964
BELOKRANJEC CONTEST CLUB	8	684,888	ARCK	3	52,722
HUDSON VALLEY CONTESTERS AND DXERS	12	679,374	DELTA JANDARMI ASSOCIATION TULCEA	3	48,606
YU CONTEST CLUB	4	671,753	SUSSEX COUNTY ARC	3	46,137
NORTH TEXAS CONTEST CLUB	9	636,977	RADIOCLUBUL QSO BANAT TIMISOARA	5	44,882
NORTH COAST CONTESTERS	8	627,592	ARI	3	43,884
LITHUANIAN CONTEST GROUP	4	567,338	DFW CONTEST GROUP	4	41,699
RADIO CLUB HENARES	3	525,827	METRO DX CLUB	3	32,883
GRAND MESA CONTESTERS OF COLORADO	8	435,927	10-70 REPEATER ASSN	3	25,367
DEUTSCH AMATEUR RADIO CLUB	10	430,489	RU-QRP	3	13,074
LONE STAR DX ASSOCIATION	4	430,180	BERGEN AMATEUR RADIOASSOCIATION	3	8,859
VRHNIKA CONTESTERS	6	407,956	WESTERN WASHINGTON DX CLUB	3	6,282
LATVIAN CONTEST CLUB	6	402,431			

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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 LU6QL 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)

Table with multiple columns listing call signs, frequencies, and other technical data for various radio stations across different countries and regions. Includes call signs like *LY2LJ, *LY3B, *LY4L, etc., and frequencies such as 340,480, 188,598, etc. The table is organized by geographic region, including North America, Europe, Africa, Asia, and Oceania.

Table of call signs and frequencies for various countries including Lithuania, Netherlands, Norway, Poland, Romania, Serbia, Slovakia Republic, Slovenia, Spain, Sweden, Switzerland, Ukraine, Belarus, Belgium, Bosnia-Herzegovina, Croatia, Czech Republic, Denmark, England, Estonia, European Russia, Germany, Greece, Hungary, Italy, etc.

Table of call signs and frequencies for various countries including Lithuania, Netherlands, Norway, Poland, Romania, Serbia, Slovakia Republic, Slovenia, Spain, Sweden, Switzerland, Ukraine, Belarus, Belgium, Bosnia-Herzegovina, Croatia, Czech Republic, Denmark, England, Estonia, European Russia, Germany, Greece, Hungary, Italy, etc.



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

Table of call signs and frequencies for various countries including South Carolina, Tennessee, Virginia, North Carolina, New Mexico, Texas, Florida, Oklahoma, California, Arizona, Washington, Idaho, Montana, Nevada, Oregon, Michigan, Ohio, etc.

W5NZ/4	ALABAMA	1,170	31	17	1	W3MF W0BR/3 N3MX	54,300 15,390 3,576	367 146 59	45 5 23	15	15	BELARUS	130,950	530	4	46	L9TJA	9,585	76	0	27	NF8J W8XX W8CT K68C	MICHIGAN	156,800	1,017	58	12	138,108	930	57	11	34,986	317	49	2	24,284	600	48	4	
KP4KE/W4 K3TW/4	FLORIDA	19,260	200	37	8	K3IE/4	ALABAMA	78,910	543	52	13	0N9CC	BELGIUM	109,252	500	2	42	SN9P	105,497	451	(OP: S09GAI)	4 45			OHIO	227,205	1,098	58	27	225,128	541	51	5							
K5RX W1JCW/5	TEXAS	53,298	369	55	8	N4VDL K1ZZI/4	GEORGIA	89,082	675	54	9	E74AA	BOSNIA-HERZEGOVINA	20,871	162	0	27	SP1RKT S06I	104,076	453	(OP: SP6JU)	4 39			NORTH DAKOTA	227,205	1,098	58	27	225,128	541	51	5							
N6WG	CALIFORNIA	2,416	74	14	2	K4WW	KENTUCKY	51,743	400	51	8	LZ2DF	BULGARIA	84,850	349	3	47	CT1BOL	7,462	51	4	22	K8WT	WEST VIRGINIA	98,698	735	49	12												
N57K	UTAH	780	27	13	0	N4XD K3KO/4	NORTH CAROLINA	72,666	421	47	19	SV9COL	CRETE	24,012	139	1	35	Y050EF Y07LCB Y08RNI Y08SSB Y060BK Y08WVV Y08WVV Y08WVV Y03BA	120,300	495	4 46		KD0S	SOUTH DAKOTA	34,384	270	48	8												
WD9FTZ/8	OHIO	1,314	32	18	0	WA2VYA/4 W4SV0 N4WW	FLORIDA	64,575	459	52	11	9A2AJ 9A3XV	CROATIA	88,033	341	6	47	Y050EF Y07LCB Y08RNI Y08SSB Y060BK Y08WVV Y08WVV Y08WVV Y03BA	120,300	495	4 46		VE2UMS	CANADA QUEBEC	76,384	376	40	4												
KE8UN	WEST VIRGINIA	18,124	176	41	5		MISSISSIPPI	73,524	505	56	10	OK1T	CZECH REPUBLIC	153,360	584	8 46	(OP: OK1TP)	OM7KW OM4AOP OM8DD OM6AL	55,442	296	1 37		VE3DC VE3MS	ONTARIO	171,456	661	50	7	117,234	467	49	5								
K9RJZ	ILLINOIS	3,696	70	24	0	N4VV WD4K	TENNESSEE	21,828	172	44	7	OK2BFN OK1Q		97,150	403	5 45	(OP: OK1X)	YU1EYX	44,198	176	8 41		VE7SCC	BRITISH COLUMBIA	34,086	191	37	2												
K0CD/9	WISCONSIN	7,700	96	35	0	N4RV N2ODT/4 N3MK/4	VIRGINIA	120,815	675	54	19	OK1AY OK6AB OK2BEN OK2PPM OK2KFK		53,922	264	1 42		IT9VCE	SICILY	4,503	49	0 19		V31RU	BELIZE	1,020	16	10	2											
KK0Q	COLORADO	473	13	9	2		WASHINGTON	21,402	216	39	2	TA1ED TA1DX		23,838	165	0 29		SE0X	SWEDEN	65,846	333	(OP: SM0MDG)	2 39			MEXICO	219,936	555	56	23										
W0MRZ	IOWA	16,544	170	43	1	K2FF/5	MISSISSIPPI	73,524	505	56	10	OZ4O	DENMARK	1,911	29	1 12		OM7KW OM4AOP OM8DD OM6AL	55,442	296	1 37		XE1RCS	MEXICO	219,936	555	56	23												
VE3MGY VA3RKM	CANADA ONTARIO	39,556	194	41	3	K5MV N1CC/5	TEXAS	23,750	215	42	8	M1JJK	ENGLAND	3,888	45	1 17		S540 S56A S53F	29,484	168	0 36		YM7KA TC8A	ASIATIC TURKEY	81,276	230	1 38		14,801	90	0 19									
EU3NA	EUROPE BELARUS	17,864	132	0	28	N6QO N6VS N6XT	CALIFORNIA	33,432	259	49	7	ES5MG	EUROPEAN RUSSIA	68,385	317	1 46		EA3PT EA5KA EA7EU	63,076	245	13 39		9A1P	EUROPE CROATIA	332,652	849	18 58													
ES6KW	ESTONIA	8,904	86	0	21	N6SS/7	ARIZONA	7,722	76	32	7	R1A1L R1U1AB R23CE R4AAA R5AJ UASVXCX		68,385	317	1 46		SE0X	SWEDEN	65,846	333	(OP: SM0MDG)	2 39			MEXICO	219,936	555	56	23										
RN3ZJJ R7NA UB4FAW R7MP RD4HD RW3AI RO50	EUROPEAN RUSSIA	15,417	129	0	27	K7OX WX7P	WASHINGTON	21,402	216	39	2	TA1ED TA1DX		23,838	165	0 29		SK2T	SWITZERLAND	48,396	281	(OP: HB9EZ)	1 36			EUROPEAN RUSSIA	188,732	654	7 51											
DL7UMK DJ6TK	GERMANY	25,130	180	0	35	KI7M	MONTANA	9,951	132	30	1	OH6MW OH2X OH2BO OH5DA		81,313	374	1 42		UR5AKU U20U U21Q U25UA US6IKV UT2UU UT0EO UX5TQ	46,999	223	2 41		RL3A RT4F RA4FWA	EUROPEAN RUSSIA	188,732	654	7 51													
HA5UA	HUNGARY	7,898	76	0	22	KG8CW W8TA K8DQYE K8NM	MICHIGAN	76,677	579	54	7	DK6WL DF2UJ DJ7YP DD2ML DK1KC DL5RMH DL5JS DL6RAI DM3VL DL7ON DK5MB DL6BI DF6OV DG5MEX DF5MA DJ9MH DL7URH DL1TPY DL4NAC DK00G		187,915	660	12 53		MW0ZZK	WALES	212,760	560	21 51				FRANCE	100,530	463	3 42											
SP2DNI S02NIN SP4LYK SP5NVX SP8GQU	POLAND	39,824	222	1	37	N8AGU	OHIO	341	14	11	0	OH6MW OH2X OH5DA		164,238	604	10 52		LU6QI	SOUTH AMERICA ARGENTINA	51	4	0 3				FRANCE	100,530	463	3 42											
CT2KFA	PORTUGAL	50	4	0	2	N2BJ/9 W9IX	ILLINOIS	59,648	419	56	8	DK6WL DF2UJ DJ7YP DD2ML DK1KC DL5RMH DL5JS DL6RAI DM3VL DL7ON DK5MB DL6BI DF6OV DG5MEX DF5MA DJ9MH DL7URH DL1TPY DL4NAC DK00G		151,641	573	14 49				UKRAINE	46,999	223	2 41				GERMANY	160,952	599	11 51										
Y04AAC	ROMANIA	2,655	35	0	15	W9IU K9NW	INDIANA	77,526	599	54	5	DK6WL DF2UJ DJ7YP DD2ML DK1KC DL5RMH DL5JS DL6RAI DM3VL DL7ON DK5MB DL6BI DF6OV DG5MEX DF5MA DJ9MH DL7URH DL1TPY DL4NAC DK00G		150,278	597	7 51				UKRAINE	46,999	223	2 41				GERMANY	160,952	599	11 51										
S52FT	SLOVENIA	2,254	33	0	14	W0AII/9	WISCONSIN	142,569	874	58	15	(OP: NM7X)		150,278	597	7 51																								
UT7QF UT2AB	UKRAINE	21,978	123	1	36	W0YV	IOWA	50,268	384	56	3	DK2AT DG2MKV DC4A		26,112	215	(OP: DD2ML)	0 32																							
W1CTN	ASSISTED NORTH AMERICA UNITED STATES CONNECTICUT	25,480	202	48	8	W0CEM	KANSAS	20,880	225	45	0	DK5JR DP4W		26,112	215	(OP: DD2ML)	0 32																							
AD1DX	MASSACHUSETTS	15,300	181	33	3	W0ERP K0KX	MINNESOTA	27,390	221	52	3	DL5ST DR4W		12,576	98	(OP: DG5ME)	0 32																							
K1JB KB10WT	MAINE	39,250	326	44	6	W0JLZ	MISSOURI	86,552	642	56	6	DH1PS DO1YCL DL9NDV DJ9ES DL4YAJ DG1EA DL1NEO DK4WF		12,576	98	(OP: DG5ME)	0 32																							
K0TV/1 N1W NF10 NE1F	NEW HAMPSHIRE	38,454	284	47	11	W0JLZ	NEBRASKA	27,608	215	49	7	DH1PS DO1YCL DL9NDV DJ9ES DL4YAJ DG1EA DL1NEO DK4WF		12,576	98	(OP: DG5ME)	0 32																							
KA1GEU	RHODE ISLAND	40,774	305	49	9	W0JLZ	CANADA ONTARIO	149,397	547	52	5	SV2GJV SV2LLM		12,576	98	(OP: DG5ME)	0 32																							
WA3AFS/2 N1EU/2	NEW JERSEY	16,560	135	39	9	W0JLZ	NEBRASKA	27,608	215	49	7	SV2GJV SV2LLM		12,576	98	(OP: DG5ME)	0 32																							
W2ME AB2E W2JJ	MAINE	39,250	326	44	6	W0JLZ	NEBRASKA	27,608	215	49	7	SV2GJV SV2LLM		12,576	98	(OP: DG5ME)	0 32																							
N2VW N2WM K2DLS N2AET	NEW HAMPSHIRE	38,454	284	47	11	W0JLZ	NEBRASKA	27,608	215	49	7	SV2GJV SV2LLM		12,576	98	(OP: DG5ME)	0 32																							
W2GPS/3 W3UL W3OU	MARYLAND	158,240	802	55	25	W0JLZ	NEBRASKA	27,608	215	49	7	SV2GJV SV2LLM		12,576	98	(OP: DG5ME)	0 32																							
K4IKM/3 W3FV K3NM	PENNSYLVANIA	77,814	511	51	15	W0JLZ	NEBRASKA	27,608	215	49	7	SV2GJV SV2LLM		12,576	98	(OP: DG5ME)	0 32																							