

Results of the 2013 CQ DX Marathon

BY JOHN SWEENEY,* K9EL/VA3CDX

With growing competition due to increased participation, the DX Marathon is holding true to its name! Dictionary.com defines marathon: “any contest or event requiring exceptional endurance”. With the top five scores only one point apart each, it really was a marathon battle for first place! In fact, 21 participants finished in the top ten—a 50% increase over last year. Although there were four fewer entities available in 2013 for a maximum possible score of 334 (compared to 338 in 2012), the 330 winning score actually matched that of 2012. 2013 was indeed a very competitive year for the Marathon. 10 meters really came to life in 2013 and overall activity on 10 was up 14% over 2012 and accounted for almost 15% of all Marathon QSOs. 15m remained the single most active band with 25% of all QSOs. CW remained the favorite mode accounting for more than 50% of QSO’s. Digital participation was down slightly but still represented 15% of all QSOs. Single Band/Single Mode submissions increased over last year with some amazing scores.

Overall submissions were up 7% over 2012 although there were fewer entries from Europe. Activity was high as DX Marathon entrants submitted a total of 113,653 QSOs! Formula Class participation dropped to 20% reflecting comments from many of about the antenna restrictions. Starting in 2014 the Marathon now has a third class which is expected to increase the number of lower power participants. See sidebar elsewhere in this article for details of the new Limited Class.

And the Winners Are ...

Although overall participation from European stations was down in 2013, EU stations were very much in the battle for the top spots in all classes. Since the inception of the Marathon in 2006, Eduard, OM3EY, has been a major contender every year and has never finished out of the top five. He finished first in 2008, 2nd three times, 3rd place two times and last year was 5th in the Unlimited Class. But 2013 was his magic year and he was able to capture the top spot with a score of 330. Not far behind Eduard was Bob, W9KNI, with a score of 329. Most amazing was that Bob made all his QSOs on

Announcing a Third Class of Competition

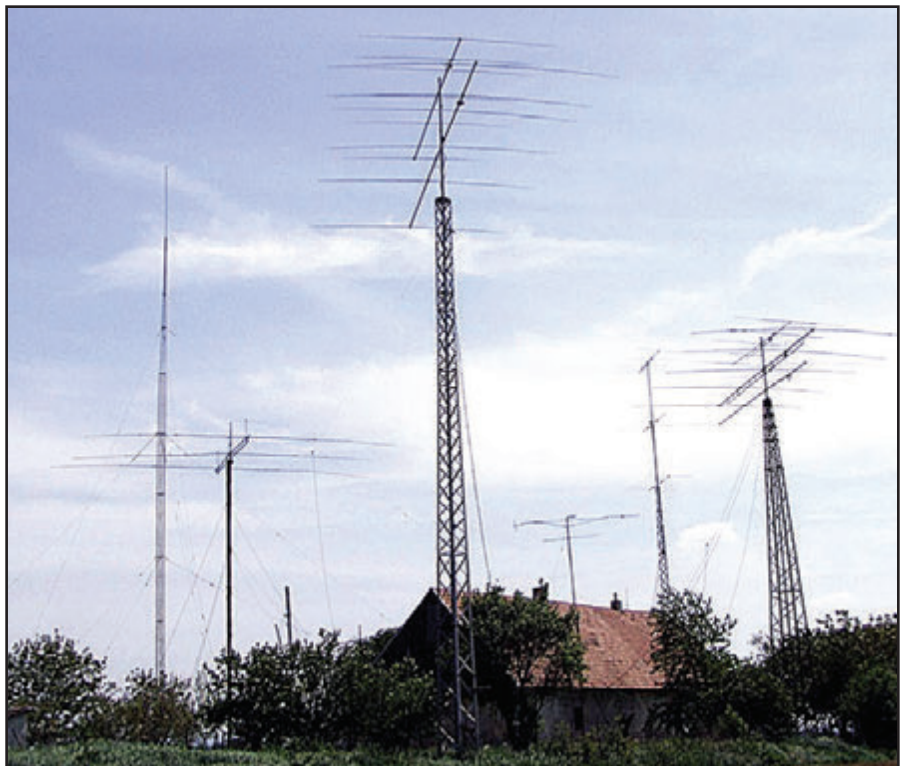
Starting in 2014, the CQ DX Marathon has introduced a third class of participation to enhance the opportunities for those with modest stations to participate. Formula Class, designed primarily for those 100-watt stations with wire or vertical antennas, remains in place. Many 100-watt stations, however, use small small Yagis or umbrella type antennas at lower heights. Previously, those stations would compete in the Unlimited category against those with large antennas and amplifiers. The introduction of Limited Class is a welcome addition to the DX Marathon. For complete rules on the new Limited Class and the DX Marathon, please see the December 2013 issue of *CQ* magazine or the DX Marathon website at <www.dxmarathon.com>.

20 meters! Rounding out the top five with scores of 328, 327 and 326 respectively were EA1DR, KBØEO, and IKØOZD. Congratulations to Eduard for his Unlimited Class win!

Although the number of participants in Formula Class was down from last year, the scores remained high! This year’s top 100 Watt Formula Class honors go to Zoli, HA1ZH, with an impressive score of 310. W4TV was once again runner-up with an equally impressive score of 304. N4RI, K8CQ and E73Y filled the next three posi-

tions in the top five. In the 10 watt or less Formula Class, Dan, WG5G, repeated his feat of last year by taking first place with an amazing score of 295. Congratulations to all of our Formula Class participants.

The single mode competitions continue to attract additional participants and there was no shortage of high scores in all modes. Soundly winning the Phone competition, Wayne, NØUN, led the group with a score of 323, well ahead of his competition. Last year’s Formula Class winner, UT9FJ, entered Unlimited Class this year



The impressive antenna farm of Eduard, OM3EY, 2013 Unlimited Class winner. Eduard won the Marathon in 2008 and has never finished lower than third every year since 2006.

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Formula Class winner in his shack. Zoli, HA1ZH, was licensed in 1943 and is very active on all bands and modes. Zoli uses a vertical on the higher frequencies and dipoles for 160 through 30 meters.



Bill, K2TQC, from New York had the top North America score in 2012 along with finishing number two overall in Unlimited Class.

TOP SCORES

BOLD = Plaque Winners
 * = Certificate Winners
 Callsign is followed by Score

Unlimited Class		ZS6GRL.....245
OM3EY 330		ZS6A.....231
W9KNI.....329		CT3HF.....220
EA1DR.....328		7P8PB.....111
KB0EO.....327		
IK0OZD.....326		
Formula Class - 100w		
HA1ZH 310		
W4TV.....304		
N4RI.....276		
K8CQ.....275		
E73Y.....274		
Formula Class - 10w		
*WG5G.....295		
IV3AOL.....268		
W8QZA.....265		
ND0C.....236		
K8ZT.....220		
CW		
UT9FJ 319		
W1RM.....312		
LY5W.....311		
W4QN.....310		
K4UTE.....306		
Phone		
N0UN 323		
N3CDA.....300		
PT7ZT.....290		
EA8MT.....289		
PY1SX.....286		
Digital		
WS3N 260		
N5MOA.....252		
IK5FKF.....244		
IK2RPE.....209		
GU0SUP.....187		
Africa		
EA8MT 289		
	Antarctica	*DP1POL.....56
	Asia	JE1FQV 320
		A65CA.....315
		JA0DAI.....312
		JG3FEA.....291
		OD5ZZ.....274
	Europe	OM3EY.....330
		EA1DR 328
		IK0OZD.....326
		EA4KD.....323
		OK2SG.....323
	North America	W9KNI 329
		KB0EO.....327
		W1JR.....325
		K3KO.....324
		W7UT.....324
	Oceania	VK3HJ 319
		YB1AR.....309
		YE1NZ.....293
		ZL2IFB.....293
		VK3EW.....292
	South America	PP5EG.....317
		PY4ZO 316
		LU5VV.....299
		PP1CZ.....292
		PY4OY.....291
	6 Meters	*PY2HN.....97
		CO2QU.....30
		W3ZGD.....12

10 Meters	
GM7TUD 279	
PY2UD.....249	
N0AH.....246	
KU5B.....210	
PX2B.....148	
12 Meters	
W8BBQ 269	
PY2CX.....222	
YB9WZJ.....85	
15 Meters	
PP5EG 317	
VE3CRG.....307	
SM0MPV.....298	
IZ8BRI.....283	
K0LUZ.....260	
17 Meters	
WK3N 311	
LY5M.....299	
20 Meters	
W9KNI.....329	
N6ML 315	
K1QS.....288	
SP3BGD.....266	
PY2KJ.....178	
30 Meters	
N5KM 242	
OH5RF.....154	
PY2MC.....149	
FG4NO.....139	
40 Meters	
IZ0CBB 284	
W1FQ.....264	
N8MZ.....253	
K9CJ.....211	
N3QE.....198	
80 Meters	
OH6MW 203	
K3TW.....148	

160 Meters	
*N4IS.....178	
K4IQJ.....153	
K7ZV.....148	

Zones	
3.....	W9KNI.....329
4.....	*KB0EO.....327
5.....	*W1JR.....325
6.....	XE1EE.....208
8.....	WP4U.....289
9.....	HK3W.....272
11.....	PP5EG.....317
12.....	XQ7UP.....189
13.....	LU5VV.....299
14.....	EA1DR.....328
15.....	OM3EY.....330
16.....	R6YY.....320
17.....	*UA9FAR.....280
20.....	YO9HP.....299
21.....	A65CA.....315
22.....	VU2PTT.....222
25.....	JE1FQV.....320
26.....	XV4Y.....211
27.....	DU2BOQ.....156
28.....	YB1AR.....309
29.....	*VK6HG.....176
30.....	VK3HJ.....319
31.....	WH7DX.....227
32.....	ZL2IFB.....293
33.....	EA8MT.....289
38.....	ZS6GRL.....245
39.....	S79MHY.....63

Note: Top scorers in some zones received Plaques or Country Certificates.

Club Scores	
*Araucaria DX Group.....	8,336
Carolina DX Assoc.....	4,155
YB Land DX Club.....	3,366
RIO DX Group.....	3,141
Northern Illinois DX Association.....	2,889



Dunia, EM8AT, from the Canary Islands. Dunia had the top Africa score in both 2011 and 2012.

and decided to pursue CW only. Missing only three CW countries that were active in 2013, Sam lead the CW competition with a score of 319. The Digital leader for 2013 was Jack, WS3N with a score of 260 points. Each mode winner will receive a plaque.

Additional plaques are also awarded for the highest scores on the 10-80 meter bands and for the top continental scores. The 15, 17 and 20 meter bands generated a lot of competition and some very impressive single band scores. The Europe, North American and South American competitions were also very close, with only three points separating the top three positions in both Europe and North America. For 2013, we are awarding all plaques, so the runners-up for 20 meters, Europe and South America, will receive plaques. All band and continental plaque winners are highlighted in the Top Scores box elsewhere in this article. As always, we sincerely appreciate the tremendous support of all of our plaque sponsors. If you or someone you know would like to become a DX Marathon plaque sponsor, please contact the author directly.

Certificates will be given to the top scorer in each country and zone, plus the 6 and 160 meter top scorers, for those who did not already qualify as a plaque winner. In the DX Marathon Club competition, once again the Araucaria DX Group in Brazil took top honors with a total score of 5,895. The Carolina DX Association was second with a score of 4,740. If you are a member of a radio club, be sure to include your club affiliation in your submission.

To help everyone improve their score, each year we publish a list of busted calls, pirate calls and other helpful information on the DX Marathon website. We are

pleased to report that the 2013 error rate dropped significantly – from 2.35% in 2012 to 1.98% in 2013 and fewer actual subtractions than last year. The top spots are usually only one point apart, so even one error can be significant. We are also happy to report that twice as many entrants submitted error free logs compared to last year, although over 85% of participants still had at least one error. 55% of the errors were due to submissions with Invalid Calls. Although many of those were real QSO's where the entrant made a typing error when entering the callsign in their log, many points were lost to bad spots on the spotting networks. We encourage everyone to listen very care-

What is it like to Participate in the Marathon?

As manager of the DX Marathon I have only one regret: I cannot participate! But in order to understand what a DX Marathon participant goes through each year, I decided to pretend I was actually competing in the 2013 Marathon. I set my logging program to highlight new 2013 countries, paying special attention to the unique CQ Entities. I found myself spending more time on the air, but really enjoyed it. I found some old friends and made some new ones. I got up in the middle of the night a couple times as well, something I had not done for years. To make sure it was a real comparison, I only responded to DX spots. I did not set up any schedules or receive any special tips. It is quite amazing how much DX is called in on the spotting network. Of course, like many of you, I missed a few good ones along the way. Vacations, birthday parties, a part-time job, and family obligations meant hours away from the radio. Even with remote access to my station, it was simply not possible to make the Top 10. In the end, I worked 282 entities and all 40 zones for a score of 322. I now have a real appreciation for the incredible amount of effort and dedication that is required to compete at the highest levels. It truly is a *marathon*!

John, K9EL/VA3CDX

fully to the DX station – never assume the callsign that was spotted is correct!

Twenty-eight percent of the errors were due to claiming a country different from what it actually was. We encourage all participants to use electronic logging and update their country databases before preparing their final Marathon submission. The majority of these errors can be caught in software. 15% of the errors were due to incorrect zones. We continue to see a high number of errors in Zones 2, 3, 4, 5. The DX Marathon web page has a separate section dedicated to help determine whether that VE2 station is in Zone 2 or 5. For the USA zones, a manual check on QRZ.COM or in the FCC database is often

COUNTRY WINNERS

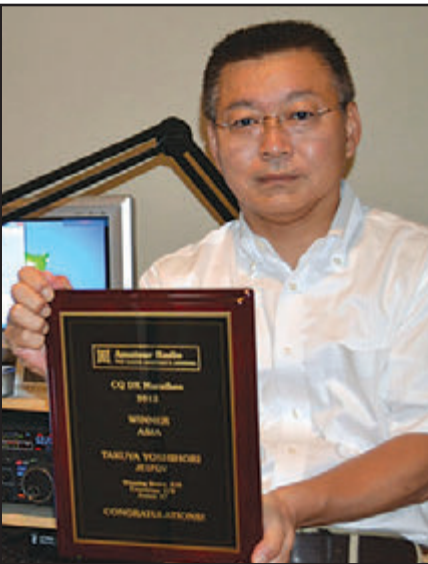
Callsign is followed by score

4S7JL.....103	G14SJK.....214	PJ7MF.....151
4Z4DX.....218	GM7TUD.....279	PP5EG.....317
7P8PB.....111	GU0SUP.....187	S51DX.....321
9A2EU.....316	GW4EVX.....140	S79MHY.....63
9V1PW.....188	HA1ZH.....310	SM0MPV.....298
A65CA.....315	HB9CBR.....141	SP3BGD.....266
XQ7UP.....189	HK3W.....272	SV9COL.....277
DP1POL.....56	IK0OZD.....326	R6YY.....320
CO2AJ.....180	J34J.....169	UA9AGX.....237
CT1AHU.....48	JE1FQV.....320	UT9FJ.....319
CT3HF.....220	WH7DX.....227	VE1DX.....321
CR2H.....141	WP4U.....289	VK3HJ.....319
DL5AN.....322	LA8AW.....263	VU2PTT.....222
DU2BOQ.....156	LX1ER.....234	W9KNI.....329
E73Y.....274	LU5VV.....299	XE1EE.....208
EA1DR.....328	LY5W.....311	XU7AEU.....53
EA8MT.....289	LZ2TW.....299	XV4Y.....211
EI7CC.....297	OD5ZZ.....274	YB1AR.....309
EW7SM.....201	OE1WEU.....254	YO9HP.....299
F5CQ.....308	OH6RE.....317	YY4DNN.....240
FG8OJ.....288	OK2SG.....323	ZL2IFB.....293
FS/PJ7MF.....25	OM3EY.....330	ZS6GRL.....245
G3VKW.....308	ON4ON.....306	
	OZ7YY.....321	
	PA0MIR.....215	

Note: Top scorers in some countries received plaques.



Gary, ZL2IFB, from Hastings had the top Oceania score in 2012 and fourth in 2011.



Tac, JE1FQV, from Yokohama had the top Asia score in both 2011 and 2012.


required. There are a number of stations with KL, KP and KH prefixes that actually live in the lower 48 states. The remaining 2% of the errors were due to pirates.

With a database of almost 114,000 QSOs, there is a lot of information and data available. For example, in 2013, 20% of all QSOs took place in October and November, reflecting the excellent band conditions and the large number of DXpeditions that took place then. That figure is quite a change for previous years and confirms that the Marathon is truly a year long event. The busiest three hour

period for the Marathon is 1400–1700Z accounting for almost 20% of all QSOs. Winning the Marathon often means working those countries that only make a few QSOs each year. There were three countries that between them accounted for only 13 QSOs. Working rare countries can be quite a challenge! Zone activity varies significantly as well, with Zone 2 accounting for only 345 QSOs. That means over 30% of participants were not able to work Zone 2! Zone 14 is the most popular zone,

accounting for 11% of all Zone QSOs. If there are other statistics our readers would be interested in seeing, please contact the author.


Elsewhere in these pages and on the CQ website for expanded results (www.cq-amateur-radio.com) you will find a Top Scores listing and the detailed listing of all participants' final scores. For more detailed scoring information, please see the CQ and DX Marathon websites. Good luck to all in 2014!




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ANTENNAS POSITIONERS ACCESSORIES

Results 2013 CQ DX Marathon

UNLIMITED CLASS															
Callsign	Countries	Zones	Score												
OM3EY	290	40	330	K6YK	262	40	302	W1FQ	225	39	264	PY6TS	185	40	225
W9KNI	289	40	329	W4VQ	263	39	302	LA8AW	224	39	263	YC0QR	186	38	224
EA1DR	288	40	328	IK2DJV	261	40	301	YB0MZI/4	226	36	262	KD4POJ	185	38	223
KB0EO	287	40	327	K6FW	262	39	301	JN3SAC	223	38	261	N7US	184	38	222
IK00ZD	287	39	326	OH5BM	265	36	301	K5BG	222	39	261	PY2CX	183	39	222
W1JR	285	40	325	VE5UA	261	40	301	PY2KP	221	40	261	PY2VA	187	35	222
K3KO	284	40	324	F5IN	261	39	300	W8DX	221	40	261	VU2PTT	183	39	222
W7UT	285	39	324	N3CDA	260	40	300	K0LUZ	221	39	260	W30A	183	39	222
EA4KD	283	40	323	AB1OC	262	37	299	K5WAF	221	39	260	W9RPM	187	35	222
K2TQC	283	40	323	K6XT	261	38	299	N8AG	220	40	260	WP3GW	190	32	222
K5EK	283	40	323	LU5VV	259	40	299	PT2AP	223	37	260	AB6Z	189	32	221
N0UN	283	40	323	LY5M	259	40	299	WS3N	220	40	260	PT2ON	191	30	221
OK2SG	285	38	323	LZ2TW	264	35	299	AA4FU	219	40	259	CT3HF	182	38	220
WN4N	283	40	323	YO9HP	260	39	299	K4MM	222	37	259	KS0T	181	38	219
DL5AN	282	40	322	SMOMPV	258	40	298	SP3NYG	219	40	259	SM7BHM	181	38	219
W2QO	282	40	322	WA4DT	259	39	298	W1EBI	219	40	259	4Z4DX	179	39	218
K9CT	281	40	321	EI7CC	257	40	297	PY1NX	218	40	258	DF9DD	183	35	218
KC6AWX	281	40	321	AA8R	257	39	296	K7ACZ	218	39	257	VK3MEG	180	37	217
OZ7YY	281	40	321	K9KK	258	38	296	W2NK	218	36	257	KK9H	179	37	216
S51DX	281	40	321	W6GX	257	39	296	K2DSW	215	40	255	NK0S	177	39	216
VE1DX	282	39	321	VE3ZZ	255	40	295	N4ANV	218	37	255	VE1ZA	177	39	216
AA9A	280	40	320	W3GQ	258	37	295	OE1WEU	217	37	254	PA0MIR	177	38	215
JE1FQV	280	40	320	W6RS	260	35	295	PY2ZEA	216	38	254	GI4SJO	179	35	214
K9NB	280	40	320	K1SND	255	39	294	VK3FM	215	39	254	WC3W	176	38	214
R6YY	280	40	320	K2UF	256	38	294	WU9B	219	35	254	K0ARY	176	37	213
K9NU	280	39	319	YE1NZ	257	36	293	AA4R	213	40	253	PP5EJ	178	35	213
UT9FJ	279	40	319	ZL2IFB	253	40	293	K9OR	214	39	253	YB2LSR	176	37	213
VK3HJ	279	40	319	PP1CZ	253	39	292	N8MZ	214	39	253	K9CJ	172	39	211
W2IRT	279	40	319	VK3EW	253	39	292	W2RDS	214	39	253	WA9MAG	175	36	211
N5JR	278	40	318	JG3FEA	251	40	291	N5MOA	212	40	252	XV4Y	172	39	211
N8DE	278	40	318	PY4OY	251	40	291	NV5E	213	37	250	KU5B	170	40	210
UA3AGW	279	39	318	HA0HW	250	40	290	VE5MX	212	38	250	PP5BZ	171	39	210
VE2BR	278	40	318	PT7ZT	251	39	290	W9ILY	210	40	250	PY3YD	172	38	210
DJ9ZB	279	38	317	E88MT	249	40	289	JA6BZI	211	38	249	W5ZO	178	32	210
OH6RE	277	40	317	OM3DX	250	39	289	PY2UD	211	38	249	IK2RPE	173	36	209
PP5EG	277	40	317	W0RIC	253	36	289	IK2SGB	210	38	248	VE9ML	170	39	209
W3ZJ	278	39	317	WP4U	253	36	289	K1OJ	212	36	248	XE1EE	170	38	208
9A2EU	276	40	316	FG8OJ	252	36	288	K3NK	207	40	247	W5GWH	169	37	206
AI2C	276	40	316	K1QS	248	40	288	K4NC	209	38	247	VE1JS	170	34	204
IK2QPR	276	40	316	W8AV	248	40	288	KC9QQ	210	37	247	OH6MW	166	37	203
N6AR	276	40	316	WS7L	247	40	287	KY7M	207	40	247	YB8HZ	171	31	202
PY4ZO	276	40	316	K5JTH	247	39	286	OH2BEN	208	39	247	A65BD	165	35	200
A65CA	275	40	315	ON5SY	249	37	286	VE9HF	208	39	247	PQ5B	162	38	200
K8AJS	275	40	315	PY1SX	246	40	286	W9ROG	211	36	247	K9IR	165	34	199
N2BJ	276	39	315	W3MC	246	40	286	HA8KW	211	35	246	KN3A	165	34	199
N6ML	275	40	315	IZ0CBB	245	39	284	K2SX	206	40	246	N3QE	163	35	198
W4UM	275	40	315	K1ESE	245	39	284	N0AH	211	35	246	N5PG	159	39	198
AA4SC	274	40	314	PY4HO	245	39	284	W6GJB	207	38	245	PS2T	158	40	198
K3WA	274	39	313	IZ8BRI	244	39	283	ZS6GRL	211	34	245	PS7AB	162	35	197
JA0DAI	272	40	312	ON4CAS	243	40	283	IK5FKF	206	38	244	VE9OA	163	33	196
K0XB	272	40	312	WASVGI	245	38	283	N2RJ	207	37	244	PY2XV	161	34	195
N6QQ	272	40	312	WB4YDL	244	39	283	AE5X	203	39	242	WW1MM	159	36	195
NI3P	272	40	312	W4CU	242	40	282	N5KM	203	39	242	LU8ADX	153	38	191
W1RM	272	40	312	PY1ON	242	39	281	PR8ZX	205	37	242	PY5IP	155	36	191
W90A	272	40	312	UA9FAR	240	40	280	VA7ZT	202	39	241	YB3MM	153	37	190
LY5W	271	40	311	VK4CC	243	37	280	N4PQX	200	40	240	XQ7UP	151	38	189
WK3N	273	38	311	GM7TUD	240	39	279	NC4MI	205	35	240	9V1PW	152	36	188
K7VV	272	38	310	W2LE	239	40	279	W2YE	201	39	240	AB1QB	150	38	188
W4HG	272	38	310	KE9I	238	40	278	YY4DNN	204	36	240	GU0SUP	148	39	187
W4QN	270	40	310	YB0MWM	239	39	278	VK2MVG	201	37	238	N7WO	151	35	186
W90P	271	39	310	N9LAH	237	40	277	PY1KR	198	39	237	K1MIJ	150	35	185
IK2YCW	270	39	309	SV9COL	239	38	277	UA9AGX	198	39	237	PT5T	146	38	184
YB1AR	269	40	309	PY2IU	236	40	276	W0VX	199	38	237	VK5DG	145	39	184
F5CQ	269	39	308	WA4JQS	235	40	275	YB4IR	200	36	236	W2DZ	151	32	183
G3VKW	269	39	308	OD5ZZ	238	36	274	K8YC	196	39	235	YB2TJV	155	28	183
WX6V	268	40	308	K7LVJ	234	39	273	NR9J	199	36	235	VU3DMP	151	31	182
K1SM	267	40	307	HK3W	234	38	272	LX1ER	196	38	234	AJ4FM	147	33	180
VE3CRG	267	40	307	N1EN	232	40	272	PY5VC	196	38	234	CO2AJ	147	33	180
W90A/9	267	40	307	W0EWM	231	40	271	ZS6A	196	35	231	N4IS	143	35	178
K4UTE	266	40	306	K1ZO	230	40	270	LA2LI	194	36	230	PY2KJ	140	38	178
KT0DX	266	40	306	K5DC	232	38	270	VE9AA	194	36	230	VY2LI	139	37	176
N0KE	267	39	306	K9MK	230	40	270	YV5EN	195	35	230	W6ZQ	144	32	176
N4KW	266	40	306	N0RB	230	39	269	K4FS	190	39	229	KZ2I	137	37	174
N8AGU	266	40	306	PY2RN	229	40	269	NY9H	191	38	229	YB1LZ	136	38	174
ON4ON	268	38	306	PY4RGS	229	40	269	PP5JR	191	38	229	YV6BXN	141	33	174
W6XK	266	40	306	W8BBQ	231	38	269	VY2SS	190	39	229	PY5KC	137	34	171
W4VIC	265	40	305	N7RD	228	40	268	YB1UUN	192	37	229	NK5A	136	34	170
DL8ZAW	264	40	304	VE1OP	230	38	268	PY1ZV	192	36	228	J34J	136	33	169
G5LP	266	38	304	WD9DZV	229	39	268	YB1TJ	192	36	228	CE30P	130	33	163
N4MM	267	37	304	W07R	229	39	268	W1NK	190	37	227	K9XE	131	32	163
W2LK	264	39	303	K9YC	226	40	266	WH7DX	187	40	227	PR7HR	127	33	160
				PY3OZ	226	40	266	YC2BYC	194	33	227	OH5RF	125	29	154
				PY2EL	226	39	265	ZW5B	187	39	226	K4IQJ	122	31	153

