

Results of the 2014 CQ DX Marathon

BY JOHN SWEENEY,* K9EL/VA3CDX

The 10-meter band was alive and well in 2014! Although the propagation forecasts at the beginning of the year looked poor, many participants in the 2014 edition of the DX Marathon kept their dials set to 28 MHz. Over 25% of all QSOs submitted in the Marathon were on 10 meters — double the quantity from 2013. Twelve-meter QSOs were also up significantly. The 10-, 12-, and 15-meter bands accounted for 55% of all Marathon QSOs. That is the highest percentage ever seen in the Marathon. Let's hope these good conditions continue into 2015. Average scores were down slightly from last year, reflecting the greater seasonal variations of the higher frequency bands and an increased number of entrants pursuing single band awards. However, participation in the Marathon grew 5% in 2014, thanks primarily to the addition of the new Limited Class. This new class was claimed by over 15% of entrants, most of whom previously would have been required to enter in the Unlimited Class. The Marathon committee will continue to evaluate all entry classes. We would like to extend a special welcome to the 38 entrants from Turkey — a huge increase over previous years.

Single-band submissions on 10 meters were almost three times as many in 2013, although single-band activity on the low bands decreased. CW remains the most popular DX Marathon mode, with just under 50% of all QSOs made on CW. Twice as many entrants entered as Digital-only compared to last year. Overall, a total of 292 countries and 40 zones were available in 2014 for a maximum possible score of 332. Unfortunately, the number of active countries continues to drop each year, but Marathon competition was the toughest yet, with the winning score only 1 point less than 2013.

And the Winners Are ...

Since his first entry in the Marathon in 2011, Tony, IK0OZD has been a major contender. He won the overall Un-

Help Wanted!

As participation in the DX Marathon increases each year, the workload increases as well. In order to maintain our growth and expand our awards program, we are looking for some volunteers to be part of the DX Marathon program. We have created a number of support roles to assist in the management of the Marathon while still allowing those volunteers to participate in the Marathon each year. If you would like to be a part of the DX Marathon team and contribute to its growth and success each year, please contact the author to learn more.

limited Class in 2011 and won the CW plaque for Top CW score in 2012. For 2014, Tony was the sole leader with a top score of 329 — he missed only three countries. There were quite a few countries in 2014 that made only a very few QSOs: E5 (North Cook), KH9, VP6, VP8 S. Georgia, and TL. Ultimately, those countries made the difference between the top positions. Wayne, NØUN, and Bill, K2TQC, both came in one point behind Tony at 328 points. In the case of ties, standings are determined by the date of the last country worked. Sam, UT9FJ, had the incredible score of 327 using only 100 watts and a vertical. Fortunately his vertical is

quite high in the air. Rounding out the top five were EA1DR and OK2PAY who were tied for 5th at 326 points. Congratulations to each of these top scorers — we know you spent many hours in front of your radios.

2014 was the first year for the new Limited Class that was established for those running 100 watts and small, low-directional antennas. We are very pleased with the participation in Limited Class in its inaugural year. Egidio, IZ8BRI, is the first winner of the Limited Class plaque with a score of 310. R6YY and W2NK claimed 2nd and 3rd place with scores of 298 and 282, respectively.



Tony, IK0OZD, in his shack on the way to winning the Unlimited Class of the 2014 DX Marathon.

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Formula Class scores continues to climb each year, along with participation. In 2014, Ruslan, UR5IRM, claims the number one position in the 100-watt section with an amazing score of 312 — 2 points higher than last year's top Formula Class score. Joe, W4TV, was again runner-up with a score of 303, followed by N4RI at 272. In the 5 watts or less section, Dan, WG5G, had the top score for the third year in a row. Dan's winning score was 280 — very impressive for only 5 watts. Congratulations to all of our Formula Class participants.

The single-mode competitions continue to attract additional participants, especially in Digital and Phone modes. Dan, KBØEO, lead the CW competition with a score of 307 out of a maximum possible score of 315. F5IN was close behind at 303 points. In the Phone category, Gert, PA2LO, finished on top with a score of 302. N3CDA was close behind at 298 points. The Digital-only category attracted over twice as many participants as last year and Piero, IK5FKF, will receive the plaque for digital with the top score of 263. N5MOA was runner-up at 257 points.

Plaques are also awarded for the highest scores on the 10- to 80-meter bands and for the top continental scores. As always, there were some very impressive single-band scores and plenty of competition. LU5FF's score of 118 on 6 meters, PY5EG's score of 289 on 10 meters, LY2FN's 272 points on 12 meters and W9KNI's 316 points on 17 meters are new all-time high scores for those bands. The European and North American competitions were also very close, with only 5 points separating the top five positions in Europe and the top three in North America. Three new Zone records were set as well, with TG9AJR in Zone 7, UT9FJ in Zone 16, and TF3DC in Zone 40 all being added to the DX Marathon all-time record books. 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 plaque winners. In the DX Marathon Club competition, once again the Araucaria DX

TOP SCORES

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

Unlimited Class	
IKØOZD	329
NØUN	328
K2TQC	328
UT9FJ	327
EA1DR	326
OK2PAY	326

Limited Class	
HA1ZH	310
W4TV	304
N4RI	276
K8CQ	275
E73Y	274

Formula Class - 100w	
UR5IRM	312
W4TV	303
N4RI	272
AD1C	266
VE1RGB	265

Formula Class - 10w	
*WG5G	280
IV3AOL	266
W8QZA	263
OK2FD	234
W2WVGK	145

CW	
KBØEO	307
F5IN	303
W4QN	298
N4KW	295
K6XT	293

Phone	
PA2LO	302
N3CDA	298
PT7ZT	281
EA8MT	281
PY1SX	270

Digital	
IK5FKF	263
N5MOA	257

K5WAF	240
AA8R	227
GU0SUP	219

Africa	
EA8MT	289
ZS6GRL	245
ZS6A	231
CT3HF	220
7P8PB	111

Asia	
JE1FQV	316
A65CA	311
JA0DAI	310
JA6BZI	299
A92GE	298

Europe	
IKØOZD	329
UT9FJ	327
EA1DR	326
OK2PAY	326
OM3EY	324

North America	
NØUN	328
K2TQC	328
W1NG	323
K3RA	320
K5EK	320

Oceania	
ZL2IFB	305
VK3SIM	264
VK4CC	258
VK3MEG	247
VK3VT	232

South America	
PY4ZO	311
PY5EG	289
PT7ZT	281
PY4OY	278
PT2AP	277

6 Meters	
*LU5FF	118

PY2HN	100
PY3KN	90
PU3LYB	72

10 Meters	
PY5EG	289
W3NA	279
LY5M	268
IK2YCW	256
PY2UD	228

12 Meters	
LY2FN	272
K7MTR	266
GM7TUD	246
PY2CX	244
KG9N	230

15 Meters	
K2CD	288
KØLUZ	265
K4MM	223

17 Meters	
W9KNI	316
K9NB	281

20 Meters	
N6ML	311
K9EU	310
K2RK	245
PP5ZP	234
CE3AA	177

30 Meters	
N5KM	231
N8MZ	214
FG4NO	110

40 Meters	
IKØYVV	303
K9CJ	216
K9DDO/4	152

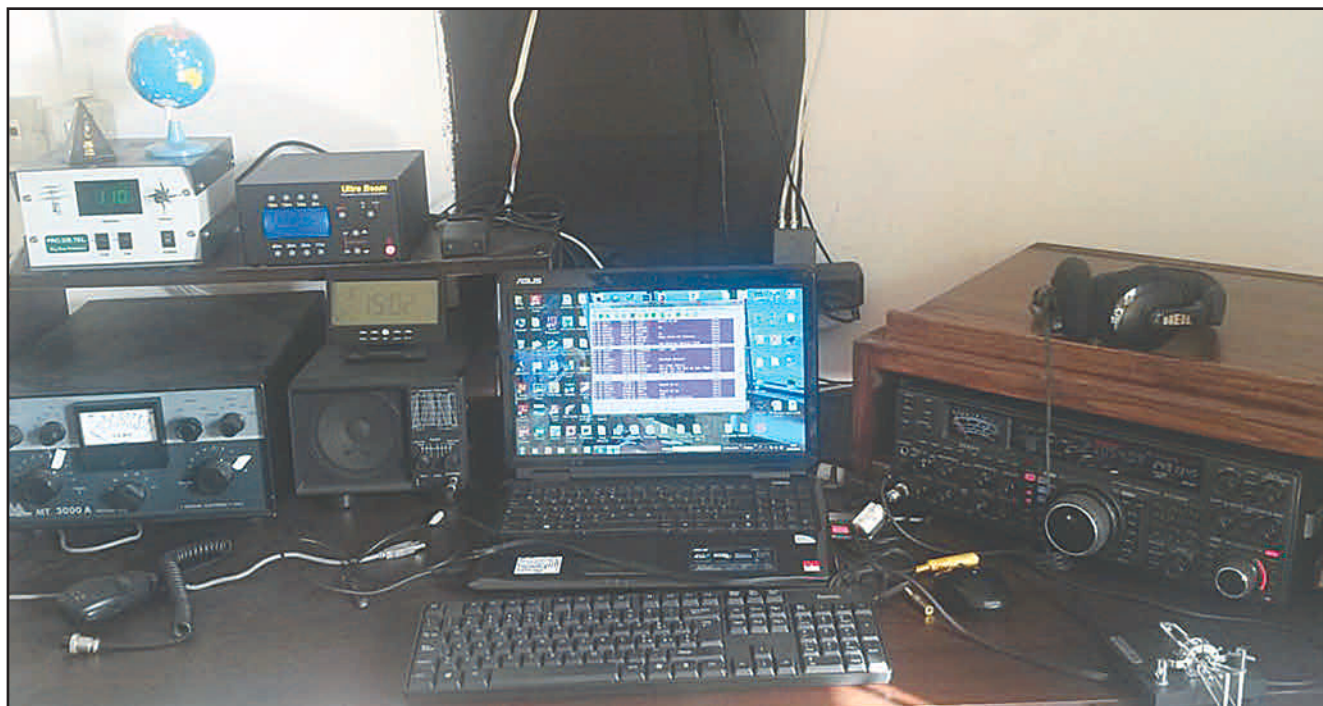
80 Meters	
IZ0AEZ	244
PY1ZV	102

160 Meters	
*N4IS	178
K4IQJ	153
K7ZV	148

Zones		
3	*KC6AWX	318
4	NØUN	328
5	*K2TQC	328
6	XE1EE	199
7	TG9AJR	228
8	WP3GW	219
9	HK3W	269
10	OA4/NK0S	26
11	PY4ZO	311
12	CE3OP	190
13	LU1FAM	267
14	EA1DR	326
15	IKØOZD	329
16	UT9FJ	327
17	*UA9FAR	281
20	SV9COL	279
21	A65CA	311
22	VU2MUD	215
24	BV1EK	231
25	JE1FQV	316
26	XV4Y	210
27	DU1IVT	160
28	9V1PW	214
29	*VK6HG	214
30	VK3SIM	264
32	ZL2IFB	305
33	EA8MT	281
37	5H1MD	111
38	ZS6C	148
40	TF3DC	263

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

Club Scores	
Araucaria DX Group	5951
Carolina DX Assoc.	5074
Rio DX Group	4933
N. Illinois DX Assoc.	3979
Yankee Clipper Cntst Club	2484



This is the shack of IZ8BRI, the inaugural plaque winner of the new Limited Class.

Group in Brazil took top honors with a total score of 5,951. The Carolina DX Association was not far behind with a score of 5,074. If you are a member of a radio club, be sure to include your club affiliation in your submission.

Throughout each competition year, the DX Marathon website publishes a long list of bad spots, pirates and other information to help every participant eliminate or reduce errors. In 2014, that list totaled over 500 callsigns. Perhaps not everyone is aware of the list as many of the bad calls shown appeared in many logs. The 2014 error rate was up slightly from last year at 2.05%. The top spots in many categories are often only one or two points apart, so even one error can be significant. Unfortunately, 85% of all entrants had at least one point subtracted from their submitted score. In 2014, one third of all subtractions were due to entry of the wrong country for the callsign worked. The wrong country error rate was up from last year and can be largely attributed to the Russian Olympic callsigns. The error rates on those callsigns were very high. The Olympic callsigns did not always follow the traditional Russian prefixes and unless a logging program database specifically included the unique callsigns, mistakes were easily made. Please update your country database files before submitting your score.

The highest error category (although down from last year) was busted (28%) and invalid (18%) calls accounting for

46% of all subtractions. Most of these errors were due to bad copying of callsigns or logging spots that had errors. Never log a DX spot without carefully listening to the callsign that the DX station is sending. For each busted call subtraction, we can provide the callsign of the actual station that was worked.

Wrong zone errors were also higher this year. A large number of zone errors came from the various W1AW/X oper-

ations. For example, W1AW/4 and W1AW/8 could be Zone 4 or Zone 5. W1AW/7 could be Zone 4 or Zone 3. Since the call area designator is no longer required to match a station's actual location in the U.S., a manual check on QRZ.COM or in the FCC database is often required. There are also a number of stations with KL, KP, and KH prefixes that actually live in the lower 48 states. Zone 2 is always a major prob-

COUNTRY WINNERS

<p>Callsign is followed by score * = Certificate Winners</p> <p>*5H1MD 111 *7P8PB 122 *9A2EU 297 *9V1PW 214 *A65CA 311 *A92GE 298 *BV1EK 231 *CE3OP 190 *CN8KD 258 *CO2AJ 193 *CT3HF 215 *CT7ACG 197 *DL5AN 319 *DU1IVT 160 *EA1DR 326 EA8MT 281 *EI7CC 283 *F5CQ 306 *FG4NO 110 *FS4WBS 68 *G3VKW 306 *GI4DOH 237 *GM7TUD 246</p>	<p>*GUØSUP 219 *GW4EVX 174 *HA8KW 298 *HB9ARF 185 *HK3W 269 IKØOZD 329 JE1FQV 316 *LA8AW 269 *LU1FAM 267 *LX1HD 236 *LY9Y 309 *LZ2HT 89 NØUN 328 *OA4/NK0S 26 *OD5ZZ 275 *OE1WEU 286 *OH5BM 313 *OK2PAY 326 *OM3EY 324 *ON5SY 304 *OZ7YY 315 *PA3FQA 323 *PJ2/DL1NX 101 *PJ4S 137 PY4ZO 311 R6YY 298</p>	<p>*RU9AZ 261 *S51DX 286 *SM7CIL 217 *SP3F 281 *SV1DPI 262 *SV9COL 279 *T88HZ 129 *TA1CM 254 *TA2AD 224 *TF3DC 263 *TG9AJR 228 *UT9FJ 327 *VE2BR 313 *VK3SIM 264 *VU2MUD 215 *WP3GW 219 *XE1EE 199 *XU7AEU 85 *XV4Y 210 *YB2ERL 195 *YO4AAC 230 ZL2IFB 305 *ZS6C 148</p>
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Note: Top scorers in some countries received plaques.



UR5IRM is the 2014 Formula Class winner.



Luke, VK3HJ, proudly holding his 2013 plaque for top Oceania score. Luke finished in the top 25 worldwide.



Serge, R6YY, shows us many of his operating awards. Serge was runner-up in the new Limited Class.



Scotty, WK3N, had the top score in the 2013 DX Marathon for the 17-meter, single band category plus finished in the top 20 overall in Zone 5.

lem as well and the DX Marathon website has a separate section dedicated to help determine whether that VE2 station is in Zone 2 or 5.

With a database of over 110,000 QSOs, there is a lot of information and data available. We will continue to analyze all QSOs that took place in the 2014 Marathon and include a summary of facts on the DX Marathon website. For example, only 349 QSOs took place with Zone 2 in 2014, so one third of all entrants missed Zone 2. Zone 2 remains the most difficult zone to work in the Marathon. 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 12 QSOs. Working those rare countries can be quite a challenge. If there are other statistics our readers would be interested in seeing, please contact the author.

Elsewhere in these pages 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 2015!

Plaque Winner Profiles

IZ0OZD — Unlimited Class Winner. Tony has been an active participant in the Marathon since 2011 when he also took top honors. In 2012, Tony placed first in the CW competition and in 2013 finished fifth overall in Unlimited Class. Tony has been active since 1989 and is a very active chasing DX.

IZ3BRI — Limited Class Winner. Edigio was first licensed in 1997 and has been primarily active in chasing DX. Edigio uses a Yaesu FT2000, a three-element Ultrabeam for the higher HF bands and a rotary dipole for 40 meters.

UR5IRM — Formula Class Winner. Ruslan has been active in ham radio since he was 10 years old and received his own callsign in 1992. Ruslan is active chasing DX with his multiband vertical on top of his two-story home.

Results 2014 CQ DX Marathon

UNLIMITED CLASS															
Callsign	Countries	Zones	Score												
IK0OZD	289	40	329	K8YC	249	39	288	K3JT	197	40	237	LU6FOV	131	32	163
N0UN	288	40	328	AB1OC	248	39	287	LX1HD	198	38	236	DU1IVT	125	35	160
K2TQC	288	40	328	VE3ZZ	247	40	287	W9DZV	200	35	235	IZ1TRG	128	31	159
UT9FJ	287	40	327	S51DX	246	40	286	K4FS	197	38	235	PY1NB	124	34	158
EA1DR	286	40	326	OE1WEU	247	39	286	PP5ZP	196	38	234	N7WO	127	30	157
OK2PAY	286	40	326	N8AGU	247	39	286	AJ6T	194	39	233	NY9H	122	33	155
OM3EY	284	40	324	W8AV	245	40	285	W2RZS	196	37	233	WM9Q	121	34	155
PA3FQA	283	40	323	W4CU	244	40	284	KA9CFD	196	37	233	KF6ILA	120	34	154
W1NG	283	40	323	EI7CC	243	40	283	W0OVM	195	38	233	VE9UN	124	30	154
OK2SG	281	40	321	WS7L	243	40	283	W1NK	194	38	232	PY1WW	121	31	152
K3RA	280	40	320	N4PQX	243	40	283	PY2KP	195	37	232	PY5AKW	120	32	152
K5EK	280	40	320	W9OA	242	40	282	VK3VT	194	38	232	XQ3UP	118	34	152
W1JR	280	39	319	W07R	242	40	282	N5KM	193	38	231	K9DDO/4	132	20	152
WN4N	279	40	319	UA9FAR	242	39	281	BV1EK	193	38	231	CE3BC	121	30	151
DL5AN	279	40	319	PT7ZT	241	40	281	VE1JS	192	39	231	K1MIJ	121	29	150
K3KO	279	40	319	SP3F	242	39	281	LY2CX	192	39	231	K8TE	117	31	148
KC6AWX	279	39	318	K9NB	242	39	281	AB1QB	191	40	231	ZS6C	117	31	148
K9NU	278	40	318	K1QS	242	39	281	KG9N	195	35	230	TC3P	113	34	147
W9KNI	276	40	316	EA8MT	241	40	281	W3OA	190	39	229	G4OJB	121	25	146
JE1FQV	276	40	316	K5JTH	239	40	279	PY2UD	190	38	228	TC2C	112	32	144
K3WA	279	37	316	SV9COL	242	37	279	AE5X	188	40	228	W2RDS	115	29	144
W2QO	275	40	315	W3NA	241	38	279	AA8R	189	38	227	ZW75PSO	108	32	140
N8DE	276	39	315	W1EBI	240	39	279	GI4SJO	191	36	227	LU8ADX	104	34	138
OZ7YY	275	40	315	NR9J	239	39	278	W2YE	187	39	226	TA1CR	104	30	134
W7UT	275	40	315	PY4OY	240	38	278	KK2T	188	38	226	T88HZ	99	30	129
VE2BR	273	40	313	IK7JTF	237	40	277	RA3DNC	185	40	225	OH5RF	101	28	129
OH5BM	274	39	313	PT2AP	237	40	277	PY2COY	187	37	224	IZ0INX	100	26	126
NU8Z	273	40	313	E43XP	240	37	277	K2SX	183	40	223	K4IQJ	93	30	123
VE5UA	273	39	312	W2LE	236	40	276	AA4FU	184	39	223	K6FW	88	33	121
OM3DX	273	39	312	VE1OP	237	39	276	N0RB	186	37	223	PR1T	101	19	120
PY4ZO	271	40	311	N0FCD	236	40	276	K4MM	187	36	223	PU4HUD	89	29	118
A65CA	272	39	311	OD5ZZ	239	36	275	K4XL	185	37	222	PP2CC	94	24	118
K9CT	272	39	311	W2LK	236	39	275	NV4A	184	38	222	SP3GTS	91	24	115
DJ9ZB	272	39	311	PY5VC	237	37	274	KF7PBM	185	37	222	TA1HZ	87	27	114
N6ML	271	40	311	IZ8GMR	234	39	273	N5SDO	185	36	221	VK4GH	85	27	112
JA0DAI	270	40	310	LY2FN	233	39	272	VE4EAR	184	37	221	K7ZV	80	29	109
AI2C	270	40	310	K5RT	232	39	271	K4NC	184	36	220	PY1PL	84	24	108
K7BV	270	40	310	PY2IU	231	40	271	WP3GW	187	32	219	PY1SL	79	28	107
K9EU	273	37	310	PY2ZEA	231	40	271	WU9B	185	34	219	CE4KCA	79	27	106
OH6RE	269	40	309	PP1CZ	231	39	270	VK3FM	182	37	219	W91XX	76	27	103
LY9Y	270	39	309	PY5GA	232	38	270	GU0SUP	179	40	219	PY1ZV	74	28	102
KB0EO	269	38	307	K7LVJ	230	40	270	PY8WW	182	36	218	PY2HN	78	22	100
NI3P	266	40	306	LA8AW	233	36	269	VE4YU	185	32	217	TC57A	67	20	87
F5CQ	266	40	306	K8AJS	229	40	269	VE4VT	178	39	217	PY3YD	47	23	70
G3VKW	266	40	306	LY5M	228	40	268	K9CJ	177	39	216	DUIXX	38	16	54
N2BJ	269	37	306	K7MTR	226	40	266	JO7KMB	176	39	215	TC9SAM	42	11	53
IK2QPR	266	40	306	HA0HW	227	39	266	CT3HF	179	36	215	PY2BN	18	25	43
WX6V	265	40	305	K2UF	226	40	266	9V1PW	176	38	214	YM2SFT	26	9	35
ZL2IFB	266	39	305	EC7ZK	226	40	266	NC4MI	181	32	213	OA4/NK0S	15	11	26
ON5SY	266	38	304	K0LUZ	225	40	265	WX0Z	179	34	213	TA3BE	7	3	10
K9KK	265	39	304	W0RIC	225	40	265	SM0LGO	173	39	212	VE2PIJ	3	4	7
F51N	263	40	303	VK3SIM	225	39	264	PY1ON	173	38	211				
IK0YVV	264	39	303	K2ZI	225	39	264	W6DCC	170	40	210				
W4HG	262	40	302	K9QVB	226	38	264	PY1KR	168	40	208				
PA2LO	262	40	302	IK5FKF	223	40	263	ZW5B	170	38	208				
K9ZO	263	39	302	SV1DPI	223	39	262	LU5VV	168	38	206				
KE4S	261	40	301	RU9AZ	222	39	261	VE9FX	168	38	206				
K5BG	260	40	300	WA4JQS	221	39	260	KJ9C	169	36	205				
JAGBZI	261	38	299	UA9AGX	219	40	259	N4TL	170	33	203				
K1ESE	259	40	299	K1SND	221	38	259	PY4TJ	170	32	202				
N8DX	259	40	299	CN8KD	219	39	258	W6RLL	164	37	201				
DL1NKS	259	39	298	VK4CC	220	38	258	EA4TV	161	39	200				
LY7Z	258	40	298	K7ACZ	219	39	258	K9QVB/9	161	38	199				
W4QN	259	39	298	W1FJ	218	39	257	XE1EE	161	38	199				
A92GE	258	40	298	N5MOA	219	38	257	PY1NX	159	38	197				
N3CDA	259	39	298	IK2YCW	216	40	256	CT7ACG	160	37	197				
KT0DX	259	39	298	DL9GFB	218	36	254	W6ZQ	162	34	196				
HA8KW	258	40	298	W9OA/9	212	39	251	G4AYU	160	35	195				
K1SM	261	37	298	NV5E	211	40	251	KK9H	159	35	194				
9A2EU	259	38	297	JN3SAC	211	39	250	TC10SWATA	156	38	194				
WA4DT	257	38	295	W0VX	210	40	250	WT8V	163	31	194				
W91LY	255	40	295	PY5XH	213	36	249	EA8CSD	159	34	193				
N4KW	255	40	295	VK3MEG	209	38	247	CE3OP	153	37	190				
K6YK	256	39	295	GM7TUD	208	38	246	VK3AWG	150	39	189				
AA4SC	257	37	294	N9LAH	210	36	246	K9KM	151	36	187				
N0KE	255	39	294	VE4DXR	208	38	246	PY1FI	150	37	187				
K6XT	253	40	293	IZ8EDL	207	38	245	W9VA	153	34	187				
W6XK	254	39	293	K2DSW	206	39	245	PS2T	149	37	186				
W3GQ	254	39	293	PR8ZX	207	38	245	PW1A	142	37	179				
K5DC	253	40	293	KG5VK	206	39	245	M0RNR	152	26	179				
JH3CUL	254	38	292	IZ0AEZ	206	38	244	CE3AA	139	38	177				
VE3RA	251	40	291	PY2CX	205	39	244	PY1MT	143	34	177				
K9ARZ	260	31	291	W5ZO	211	32	243	PY2KJ	138	38	176				
W9MU	250	40	290	K0ARY	202	40	242	VU2PTT	142	34	176				
K0XB	250	40	290	WC3W	202	39	241	AF5Q	143	33	176				
PY5EG	250	39	289	K5WAF	202	38	240	GW4EVX	140	34	174				
K2CD	249	39	288	AB1WR	200	39	239	PY5HOT	136	37	173				
VE3AD	250	38	288	VE1DT	199	40	239	PP5BZ	137	33	170				
				DJ7ZZ	195	33	238	K8JTD	131	34	165				
				GI4DOH	203	34	237	N4IS	131	32	163				

LIMITED CLASS - 100W OPTION

Callsign	Countries	Zones	Score
IZ8BRI	270	40	310
R6YY	258	40	298
W2NK	244	38	282
PE9DX	243	37	280
PY1SX	233	37	270
HK3W	231	38	269
N1EN	229	40	269
IK0CHU	229	39	268
LU1FAM	228	39	267
IK2RPE	228	39	267
WT8E	227	38	265
TF3DC	223	40	263
IK2ULV	225	37	262
N7RD	219	38	257
TA1CM	220	34	254
PY2KC	206	39	245
N9TF	201	40	241
VA3TIC	200	31	231
VE1ZA	192	38	230
YO4AAC	191	39	230
K6LE	187	38	225
W9RF	185	38	223
AF5CC	181	37	218
SM7CIL	179	38	217
K9IA	182	34	216
VU2MUD	178	37	215
K4IE	171	40	211
XV4Y	175	35	210
DF9DD	170		

The Elecraft K-Line



A powerful performance you won't want to miss

Elecraft's world-class trio is now complete. It all started with the **K3** transceiver, which tops the charts in nearly every receive category. Then we added an exciting visual dimension with the versatile **P3**, our fast, full-color panadapter. And now, we're proud to introduce the **KPA500**: a 500-watt solid-state amp that's so well-integrated you'll think it's reading your mind.

The KPA500 features 160-6 m coverage, instant RF-based band switching with any radio, alphanumeric status display, bright LED bar graphs, and a rugged, built-in linear supply. The amp's manual band switches can be used to change bands on the K3. The K3 can even select per-band amplifier drive levels automatically when the amp is placed into operate mode, so you'll rarely need to adjust power output.

The K3 already gives you the competitive edge, with its optional high-performance sub receiver, roofing filters as narrow as 200 Hz, new audio peaking filter (APF), and one of the cleanest SSB signals around. Adding the P3 and KPA500 will take you, and your station, to the next level.



www.elecraft.com 831-763-4211
P.O. Box 69, Aptos, California 95001-0069

				FORMULA CLASS - 100W OPTION											
		Callsign	Countries	Zones	Score										
HB9ARF	145	40	185	UR5IRM	272	40	312	IZ2BHQ	141	30	171	TA7AOF	75	18	93
TA1DX	147	38	185	W4TV	263	40	303	KC2WUF	138	33	171	PY3KN	70	20	90
PY1MK	149	36	185	N4RI	233	39	272	W4WNT	133	32	165	LZ2HT	73	16	89
PY3IT	155	29	184	AD1C	226	40	266	0090	132	32	164	TA8AT	72	16	88
SI6W	146	33	179	VE1RGB	227	38	265	IZ1MHY	131	32	163	W2PFA	67	17	84
PU2RSD	139	34	173	NJ5N	225	39	264	KJ4VTH	132	31	163	TA2NC	69	14	83
AE7U	139	34	173	K9OR	219	40	259	K4MLD	133	30	163	TA3IUY	67	15	82
N4GBK	137	36	173	K8CQ	218	40	258	PY4LH	126	34	160	K4LCM	61	20	81
K9XE	135	36	171	JA1IRH	219	38	257	WA2VQV	129	30	159	TA8A	61	19	80
ON6FC	135	34	169	IN3FHE	218	37	255	TC10SWATE	125	31	156	TA4PR	65	14	79
PP5KR	134	33	167	W3ZL	214	37	251	TA5FA	125	30	155	PY1TR	55	24	79
PY2VOX	128	35	163	E17JZ	209	37	246	TA2AKG	126	28	154	VK4FFAB	57	22	79
CE1AT	128	35	163	K2RK	206	39	245	K4FAN	121	32	153	TA2AEG	54	24	78
N7AME	124	35	159	JL6USD	205	37	242	KA9JAC	115	30	145	VK2HFS	52	21	73
PY2MC	117	36	153	OK1BA	198	39	237	CE7FKG	123	21	144	PU3LYB	53	19	72
PY2ABN	120	31	151	K9HWL	193	38	231	TA1ED	112	29	141	VE4HAZ	46	18	64
VK5DG	110	34	144	TG9AJR	191	37	228	PJ4S	103	34	137	TA2ALD	53	10	63
CE3TAM	104	31	135	PP2RON	188	38	226	CA3CBM	107	27	134	TA3ANL	49	12	61
PY1EO	99	31	130	TA2AD	188	36	224	N8HM	108	25	133	PY2XQ	41	19	60
CE6GRA	95	32	127	WT1A	183	37	220	AC2IK	104	28	132	TA1GH	46	9	55
K7JBQ	96	30	126	KB3LIX	184	34	218	VA3PAW	101	30	131	VK8HPB	43	12	55
PU1MKZ	94	32	126	AC7P	182	35	217	VE3FCT	103	26	129	IQ1KZ	37	17	54
DL3YEI	100	24	124	W9KVR	179	37	216	DU2BQO	103	26	129	TA3CX	42	8	50
CA3JRI	97	25	122	N8MZ	178	36	214	TA1API	104	25	129	TA4MA	41	9	50
VK6PXF	94	25	119	KV6HG	175	39	214	KB1VUN	104	25	129	PP5AO	18	19	37
W4FRA	95	23	118	KW9U	176	35	211	PG1R	101	25	126	G3KME	6	2	8
W5RAW	89	29	118	VU2UR	173	38	211	7P8PB	90	32	122	CO2QU	4	4	8
CA3MRD	91	26	117	LX1NJ	169	38	207	W9MDB	91	30	121				
K6DSW	91	26	117	WA9LEY	169	36	205	NU4I	90	30	120				
TA3AER	88	23	111	IZ7XNB	164	36	200	LU5FF	98	20	118				
FG4NO	91	19	110	DL1NX	161	37	198	G7HJX	89	27	116				
K9WIS	76	23	99	YB2ERL	160	35	195	GU0UVH	89	25	114				
AD2EE	73	20	93	CO2AJ	158	35	193	5H1MD	83	28	111				
TA3X	72	20	92	ON2AD	153	39	192	CE5PHI	89	22	111				
PY1GQ	61	22	83	W4KVS	157	31	188	JA7OXR/1	77	33	110				
PU2PZZ	59	22	81	DF5BX	147	38	185	TA5BS	84	25	109				
TA3EP	66	13	79	KF0IQ	149	33	182	TA1AGA	85	24	109				
ZS6K	53	24	77	SV4FFL	147	34	181	CE3MDA	79	28	107				
2M0SMM	59	13	72	AB9YC	147	33	180	TA4CS	82	23	105				
PY2HH	69	0	69	PJ8YPL	144	32	176	CA5GRF	80	23	103				
FS4WBS	49	19	68	EI3OT	144	30	174	M6CFW	80	21	101				
ZS1D	28	20	48	CT7AIX	139	33	172	K8OSF	77	23	100				
YM8KRD	34	8	42					KM7N	77	20	97				
TA3ATE	12	9	21					W2VU	71	23	94				

				FORMULA CLASS - 5W OPTION			
		Callsign	Countries	Zones	Score		
WG5G	240	40	280	IV3AOL	226	40	266
W8QZA	224	39	263	W8QZA	224	39	263
OK2FD	195	39	234	OK2FD	195	39	234
W2WGK	120	25	145	W2WGK	120	25	145
N1AM	104	27	131	N1AM	104	27	131
VA3VF	103	28	131	VA3VF	103	28	131
PU5UAI	86	24	110	PU5UAI	86	24	110
PJ2/DL1NX	75	26	101	PJ2/DL1NX	75	26	101
XU7AEU	62	23	85	XU7AEU	62	23	85
HB9CBR/P	63	19	82	HB9CBR/P	63	19	82
CO2HA	46	18	64	CO2HA	46	18	64
PY1CMT	29	7	36	PY1CMT	29	7	36
TB1BF	20	9	29	TB1BF	20	9	29