

1972 CQ WORLD WIDE DX CONTEST: C.W. RESULTS

BY FRANK ANZALONE,* W1WY

WE were a bit apprehensive of the outcome of the c.w. section of the 1972 contest. What with the deteriorating conditions on the h.f. bands and the swing to s.s.b.

However we more than held our own; as a matter of fact we had a modest increase over last year's returns, and the 1776 logs received coupled to the 1710 received in the Phone Contest puts us well above any previous record for this or any other contest. So don't sell c.w. short. There's still a lot of activity on the low end of the bands.

Conditions in general were not too bad, depending on where you were located. The forecast had been for below normal for this period, but I would say conditions were fair for at least part of the weekend. A revised updated forecast by W3ASK indicated an improvement, so George did not completely flunk out.

As a whole the accuracy of log keeping was much better than what we found in the phone contest, but we still found it necessary to correct some scores. A few may be surprised to find their scores have been reduced.

*Chairman, CQ Contest Committee



No, this is not a multi-operator station, just the family showing an interest in Z8BJN's contest operation. Neil was "Top Banana" in the world on 10 meters by a wide margin.

A few were not so fortunate however and had to be disqualified (see separate list). We just will not accept entries that make no effort at taking out duplicate contacts, or are creating an imaginative multiplier.

Working the same station more than once on the same band is sometimes unavoidable, but we do insist that before a log is submitted all these duplicate contacts must be crossed out and no credit taken. A recopied log should be an exact copy of the original showing all the deletions.

The fact that the number of disqualifications is much lower than that of the phone contest indicates that c.w. is a more accurate mode of transmission than phone.

Some of the new contestants are uncertain in the country breakdown in determining their country multiplier. We use the ARRL DXCC list as the standard for world wide contacts. In addition, however, we also recognize the WAE list for European contacts, which lists a few additional areas that are not on the ARRL list. The WAE country list appeared in the July CONTEST CALENDAR under the WAE contest announcement. This year DM/DT, East Germany will count separately from DL/DJ/DK, West Germany. It is hoped that the ARRL will also give separate country status to East Germany now that the DARC has made the move.

You will notice that we have listed Novice stations separately. There has been an increase in the number of Novice entries and if this interest continues we will continue to give them separate recognition.

In the battle for top club honors the Potomac Valley Radio Club turned the tables on the Frankford Radio Club and recaptured the Number One position and the CQ Club Plaque. But it was a close one as you will see by the standings. A breakdown of the scoring showed the FRC had a higher score in the phone section, but the

PLAQUE & TROPHY WINNERS

Single Operator, Single Band

WORLD—North Jersey DX Association. Earl Lucas, W2JT Memorial. Won by Manuel Castelo, CW9BT (21 mHz)

Single Operator, All Band

WORLD—Larry LeKashman, W9IOP Trophy. Won by Ville Hillesmaa, ZD3Z (OH2MM)

U.S.A.—Frankford Radio Club Trophy. Won by Ronald Sigismonti, W3WJD.

EUROPE—W3AU Operators' Trophy. Won by Algis Kregzde, UP2NK.

CARIB./C.A.—Harold Fox, W3AA Plaque. Won by James Perry, TI2WX.

AFRICA—Gordon Marshall, W6RR Plaque. Won by Mike Sherman, ZS6IW.

ASIA—Japan CQ Magazine Trophy. Won by Peter Rushakov, UM8FM.

OCEANIA—Maui Amateur Radio Club Trophy. Won by P. W. Watson, ZL3GQ.

Multi-Operator, Single Transmitter

WORLD—Dr. Anthony Susen, W3AOH Trophy. Won by Station PJ2VD. (Oprs. PAØLOU, PJ2ARI, PJ2CB, PJ2VD)

Multi-operator, Multi Transmitter

WORLD—Hazard Reeves, K2GL Trophy. Won by Station CW3AA. (Oprs. CX1AAC, CX1BBL, CX2AL, CX3BH, CX4AQ, CX7CO, CX8BBH)

Contest Expedition

WORLD—Dr. Donald Miller, W9WNV Trophy. Dr. Harold Megibow, K2HLB Memorial. Won by Ville Hillesmaa, ZD3Z (OH2MM)

CQ Club Award

Potomac Valley Radio Club

PVRC more than made up the deficit in the c.w. section of the contest.

Compiling the club scores was quite a chore. Many clubs were negligent in submitting a list of their participating members and their claimed scores, making it necessary for us to do a lot of researching. In the future a club will only be credited for the list of scores submitted by their Secretary or Contest Manager. We will check the list for accuracy but don't expect us to dig through the logs and give you credit for stations you have not claimed or for mem-

bers who neglected to indicate their affiliation. CQ is making up a new form for club entries and they will be available for this year's contest.

Choosing the Contest Expedition winner presented no problem, it was an easy choice. Ville, OH2MM did such an outstanding job from ZD3Z that we just had to award him the Don Miller W9WNV Trophy. We were disappointed, however, in not seeing more expedition stations. Seems the phone men are more expedition minded.

One expedition we were happy to see was the ZF1GS solo on 160 by W4BRB. Gene had been planning for this one for a long time. It must have been a satisfying experience for him in that he established a new world's record on that band. Gene had one gripe however, many W/K8's gave their Zone as 05. Its Zone 04 of course; only West Virginia is in Zone 5.

Bill Frisbie made a flying trip over to Jordan and put JY9FB on 20 for the contest and got back home in time to put EP2FB on 40 for a few contacts before it was over. Under Iran you will note that EP2BQ is still handing 'em out on 160.

ZL3GQ found the action very enjoyable in his first serious attempt. Think Pete will also find it rewarding when he is informed that he is the winner of the Oceania Trophy.

The Carib./C.A. and Africa Plaques donated by W3AA and W6RR respectively are still not generating the activity they merit, especially in the c.w. contest. For instance this year's Carib./C.A. award goes to TI2WX who apologized for his modest score due to his low power of only 75 watts.



The W3AU c.w. crew. Front Row: WA3IAQ, K3EST, WA2DHS, WA1LKX, Back Row: WB2SQN, W3AU, Ed Bissell, the Boss Man himself, W3ZKH, WA3AMH, W3IN, WA3HRV and W3GRM. (The big question: could this crew operating individually equal the score as a multi-multi?)

Single Operator - All Band

Station	QSO's						Zones						Countries					
	1.8	3.5	7	14	21	28	1.8	3.5	7	14	21	28	1.8	3.5	7	14	21	28
ZD3Z		127	355	989	997	1035		13	13	30	25	18		24	30	65	55	60
KH6RS	21	356	652	743	743	475	4	14	26	28	28	21	3	20	36	64	41	26
4M4AGP	30	279	475	548	647	582	8	13	19	30	23	19	12	27	39	66	53	44
W3WJD		138	215	295	323	150		20	28	36	30	20		46	70	88	81	51
K1LPL/3		90	424	290	352	123		13	26	29	27	15		30	67	71	64	43
W1BGC/2		104	216	360	335	150		13	26	32	27	21		39	63	79	61	53
K6AHV	5	93	402	396	262	140	3	18	26	32	25	21	3	26	49	71	52	27
ZL3GC		42	154	364	406	526		12	18	28	24	23		12	26	56	55	48
Z561W		16	78	566	443	200		9	21	32	25	25		14	37	70	56	56
K1NDL		128	267	289	249	146		15	26	33	26	18		39	60	78	59	47

Multi-Operator - Single Transmitter

PJ2VD		295	340	660	706	488		12	18	28	20	20		27		31	51	50
UK5IAZ		207	394	481	651	152		20	25	34	33	28		50	69	96	94	71
K1DIR	13	110	419	334	319	206	6	20	27	33	27	20	9	47	79	84	75	59
LZ1KVV		238	474	425	496	221		14	26	32	26	26		50	65	76	65	59
VE1ASJ	43	267	388	620	314	367	4	16	16	31	23	20	6	35	37	73	51	47
UK3AAU		118	130	553	262	152		16	26	35	28	27		51	58	86	75	75

Multi-Operator - Multi-Transmitter

CW3AA	6	85	458	1419	1638	1119	5	9	22	34	32	27	5	10	37	79	79	67
W3AU	37	299	677	884	693	382	9	22	31	38	32	24	18	57	88	107	88	72
W4BVV	18	295	629	740	687	399	7	20	30	37	32	24	8	57	80	111	81	69
W7RM	70	268	824	954	643	261	13	22	31	37	33	21	15	34	68	106	85	38
DJ2BW	223	587	608	1034	680	245	4	13	25	35	29	25	14	55	78	92	85	51
SK6AJ		528	798	731	466	259		13	32	34	28	28		49	78	79	54	68

Band-by-band breakdown of top all-band scores.

Since winners of CQ Contest awards are not eligible for the same Trophy for a period of 3 years, this leaves the field wide open and some of you fellows are missing a good thing by not giving it a try. Put in that little extra effort—you may be pleasantly surprised.

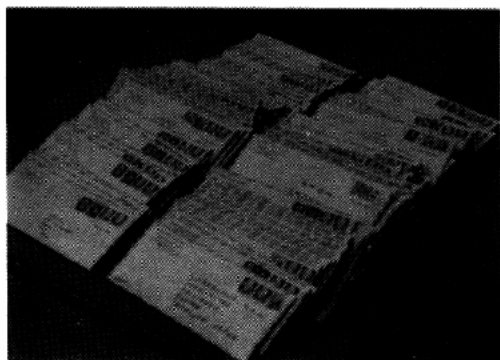
Not much in the way of soap box comments, just the run of the mill. "Great contest," "condx surprisingly good," "condx were lousy," "Murphy struck again," "why don't DX stations sign more often?" "Generals should be classed in a separate division," "how about a power multiplier,"

"where's my certificate for last year's contest?" (strike that last one), etc., etc. Guess c.w. men are not too vocal; anyway I've run out of space.

Following stations have been disqualified because of taking credit for excessive duplicate contacts and other log discrepancies. G3RUX, K6SEN, K8HLR, KV4FZ, SP5ELA, SP9AQY, VK2APK, WA5JMK, WB5DYY, YU1HYE.

Just mentioning the names of the members of the Committee seems so inadequate. These fellows do a terrific job each year. Take my word for it, you have no idea of the work until you have actually been involved. Ask Dave Donnelly, WB2SQN and Dick Norton, W6DGH, the new members on our staff. The rest of us, Fred Capossela, W2IWC, Bob Entwistle, W1MDO, Ralph Nichols, W1CNU, Andy Malashuk, W1GYE, Gene Walsh, K2KUR, Bernie Welch, W8IMZ and Bob Cox, K3EST have known for a long time what we are in for. Some times we get no thanks or appreciation, like K3EST who was not even mentioned in last month's Phone Report. Sorry about that Bob, you can blame me for that goof, and to try and make amends I'll leave out my name. But not Sue Buschlinger who did a tremendous job back at the office.

73 for this one, W1WY



View of some of the inquiries mailed out to verify results of the 1972 contest.

TOP SCORES

SINGLE OPERATOR

ALL BAND

ZD3Z3,504,492	W1BGD/2 ..1,386,072
KH6RS2,748,307	K6AHV1,335,046
4M4AGP2,578,665	ZL3GQ1,318,834
W3WJD1,527,500	ZS61W1,313,070
K1LPL/3 ..1,436,435	K1NOL1,254,729

SINGLE BAND

28 mhz

ZE8JN197,397
YU3TVP110,074
W4KFC100,631
ZL1IL98,580
K1LWI82,064
XW8EV80,808

7 mhz

K6EBB228,786
W5WZY189,711
YU3EY176,548
W2DXL171,384
OH2KK163,512
UB5LL150,720

21 mhz

CW9BT696,193
CX1JM494,283
K6AAY284,688
G3HCT245,108
JH1DTC243,936
K8WWU168,945

3.5 mhz

DL7AV110,424
W1MX80,410
W3MFW74,976
UB5CI74,112
YV5AW65,000
DJ5PN64,440

14 mHz

CR6IK680,088
YV4AJ603,591
PZ1AH457,583
LU5HFI435,768
PY7AKQ/6 ..320,824
6G1AA301,143

1.8 mHz

ZF1GS11,124
GM3WSF5,280
OK1ATP4,316
VE5XU3,451
WA4SGF2,542
W1BB2,088

MULTI-OPERATOR

SINGLE TRANSMITTER

PJ2VD2,400,664	LZ1KVV ..1,793,754
UK5IAZ2,112,240	VE1ASJ1,749,766
K1DIR1,985,310	UK3AAO ..1,628,474

MULTI-OPERATOR

MULTI TRANSMITTER

CW3AA5,679,260	W7RM4,229,727
W3AU5,031,982	DJ2BW3,527,425
W4BVV4,476,912	SK6AJ2,522,341

Number groups after call letters denote the following: Band (A-all); Final Score; Number of QSOs; Zones and Countries. Certificate winners are listed in **Bold Face**.

SINGLE OPERATOR NORTH AMERICA

United States

K1NOL A	1,254,729	1329	118	283
W1YK A	1,235,097	1284	91	242
		(Opr. WA1JLD)		
W7TML/1	489,048	598	89	198
K1THQ	308,256	322	102	236
W1PL	274,170	386	76	171
W1GMF	158,976	272	63	144
W1CNU	86,173	213	42	95
K1YXK	85,956	201	56	100
W1IHN	74,120	165	55	115
W1RML	44,811	142	49	68
W1WY	38,038	154	30	61
W1WDO	36,424	110	43	73
W1FLM	36,045	152	22	59
K1GUD	33,744	151	27	49
W1VF	31,059	112	43	76
W1AM	21,638	83	39	59
W1PLJ	16,724	79	25	49
W1JSD	15,265	76	25	46
W1AWE	9,052	50	24	38
K1CSJ/1	4,180	37	11	27
K1LWI	28	82,064	307	24
K1HVV	21	118,755	477	26
W1JUY	14	201,728	543	35
		(Opr. WA1ABV)		
K2LQQ/1	45,050	184	24	61
W1ALAI	77	4	3	4
W1MX	3.5	80,410	329	22
		(Opr. WA1CQW)		
WB2CKS/1	14,193	47	17	40
K1OME	12,122	199	9	29
W1SWX	2,975	30	14	21
W1BB	1.8	2,088	33	7

W1BGD/2	A	1,386,072	1165	119	295
W2GXD	A	1,064,196	895	116	296

K2TQC	472,410	566	95	195	
K2KUR/2	460,502	610	77	182	
K2QIL	356,328	501	73	179	
W2GGE	333,472	420	86	186	
W2FVS	245,349	369	73	160	
W2FYS	183,293	316	65	144	
WB2YIK	161,100	243	77	148	
K2MFY	105,876	242	47	106	
K2FL	92,129	187	63	118	
W2HJG	67,667	170	64	93	
W2CJV	63,218	155	50	96	
W2DF	49,077	131	44	89	
K2VGR	20,604	89	41	61	
W2CKR	14,550	70	28	47	
K2GI	14,244	127	23	61	
W2AUB	10,269	57	25	38	
W2AIF	7,697	61	14	29	
W2MB	3,861	35	14	25	
W2MZH	3,680	31	17	29	
WB2JAM	28	28,050	135	21	
K3MBQ/2	21,231	118	17	46	
W2A2IFS	14,238	80	18	45	
W2EUO	3,007	34	11	20	
W2N1N	21	143,994	478	31	
W2ZHR	56,252	237	24	58	
W2AZEE	54,824	244	21	56	
W2AZRH	27,636	192	16	31	
K2INP	14	115,830	360	33	
W2BJH	25,200	121	25	50	
W2BPC	558	14	7	11	
W2ZXL	7	171,384	539	29	
W2ZJM	3.5	24,512	141	47	
W2AO	22,560	132	16	45	
W2EQS	1.8	1,809	33	9	
W2LWI	900	21	6	12	
W3WJD	A	1,527,500	1121	134	336
K1LPL/3	1,436,435	1279	110	275	
W3GFR	1,004,226	919	113	270	
K3JUA	770,876	697	111	271	
W3VT	711,713	623	118	285	
W3EET	633,598	658	107	227	
W3GN	568,289	681	94	207	
W3NZ	564,281	619	100	223	
W3CRE	554,400	726	86	189	

W3DQG	553,455	626	93	222
W3OV	546,315	635	94	207
K3WUW	467,568	538	100	206
W3PZW	411,958	500	95	198
W3MFI	387,140	517	78	182
W3NOH	368,044	423	93	209
W3KV	294,408	386	82	179
K3JH	271,551	453	59	142
W3AHM	250,908	430	77	129
W3KT	230,651	323	95	168
W3QOR	201,056	299	80	164
W3FA	169,776	282	72	144
W3GID	161,000	278	69	131
W3GRS	150,144	265	72	132
W3KFK	134,928	322	45	99
W3ZJ	125,048	237	74	122
W3ZRS	107,734	231	62	104
W3AXW	99,552	197	75	108
W3NNA	93,125	223	51	98
W3CGS	69,960	153	55	94
W3FTG	59,568	150	56	90
K3ZOL	58,032	166	44	80
W3AIZ	45,968	202	46	90
W3HVM	41,019	127	44	69
W3TMZ	37,440	112	46	71
K3YVN	34,347	114	41	66
W3FVW	26,316	96	41	61
W3GHD	24,168	80	40	66
W3GL	23,256	86	44	58
W3EKT	14,750	60	31	44
W3HUS	14,356	72	27	41
W3AENM	12,155	65	20	45
W3EKG	10,368	52	25	39
W3CBF	7,280	45	20	36
W3ECC	5,544	36	24	32
W3ML	3,036	27	22	22
W3APWY	1,012	16	10	13
W3ARC	1,000	30	13	12
W3AQH	390	26	9	6
W3A1WX	28	26,534	136	20
K3RDT	3,440	31	13	27
W3AFM	82,400	235	37	93
W3KA	37,198	182	18	53
W3EFH	23,200	105	25	55
W3ARQB	812	24	10	11
W3MFW	3.5	74,976	290	25
W3VEQ	16,115	116	19	36

W4NOA	A	793,968	784	105	251
W4ZCY	A	725,025	779	112	214
K4BAI	A	614,999	644	100	243
W4KXY	580,232	628	107	221	
W4AKJR	546,234	637	101	197	
K4DBZ	432,680	527	89	201	
W4ABGY	428,706	481	97	209	
W4ZSH	263,398	373	80	174	
K4FW	250,410	246	88	167	
W4BZHE	246,309	368	92	167	
W4BJ	233,310	394	79	126	
W4DM	198,492	342	73	131	
K4HWW	192,924	326	64	143	
K4JM	184,140	328	65	133	
K0CMF/4	147,917	279	66	121	
W4JHK	136,040	261	64	126	
W4HOS	114,160	214	72	123	
K4ZA	95,877	194	77	124	
W4ARUA	94,810	189	71	119	
K4AUL	89,046	209	52	101	
W4ZM	68,644	183	43	88	
W4GF	62,580	168	48	92	
K4NE	45,264	127	50	73	
W4DXI	43,419	120	47	76	
K4LRX	41,824	125	45	76	
W4AATJ	35,182	128	35	63	
K4YJQ	35,182	128	35	63	
W4BTBO	26,299	103	30	61	
K4EJK	25,382	119	28	46	
K4JYM	21,975	102	30	45	
K4KA	20,806	73	39	64	
W4ANR1	15,957	71	38	43	
W4YHD	15,330	82	25	48	
K4PR	14,824	72	36	45	
W4KMS	7,875	43	29	34	
K4TBN	7,564	47	28	33	
K6ETM/4	6,710	47	24	31	
W4YZC	6,552	42	23	33	
W4AEP	6,273	44	18	33	
K4AUN	5,358	50	11	27	
K4QD	540	11	8	10	
W4GXW	330	10	7	8	
W4KFC	28	100,631	343	26	
W4OZF	62,250	291	21	54	
K4SX	56,856	230	23	69	
W4OGG	6,576	50	21	28	
W4EE</					

AFRICA

CR6IK	Angola	14	680,088	1776	34	95
ET3USE	Ethiopia	A	720,790	995	77	168
ZD3Z	Gambia	A	3,504,492	3518	99	234
	(Opr. OH2MM)					
FB8XX	Kerguelen Is.	A	153,285	320	51	114
T2ZAC	Mali Republic	A	106,372	314	43	73
	(Opr. DJ6QT)					
5T5CJ	Mauritania	A	375,011	753	58	111
CR7IZ	Mozambique	A	289,041	571	60	117
	Republic of South Africa					

ZS6GV	A	1,313,070	1303	112	233
ZS6CW	"	57,664	188	40	66
ZS5SG	"	12,680	86	22	30
	Rhodesia				
ZE1BL	A	475,960	1092	56	90
ZE8JN	"	28,197,397	816	24	57
ZE2KJ	"	14,243,776	794	33	71
ZE5JV	"	7,28,322	208	18	31
	Sierra Leone				
9L1JT	A	676,600	1141	64	135
9L1GC	"	608,850	1030	61	137
	Swaziland				
3D6AX	A	183,348	320	78	120

ASIA

YA1OS	Afghanistan	7	20,253	195	12	31
MP4BHM	Bahrain	A	38,592	144	31	65
	India					
VU2HQ	"	14	26,605	141	31	54
	Iran					
EP2FB	"	7	27	3	1	2
EP2BQ	"	1.8	1,128	32	3	9
	Japan					
JA2JW	A	1,033,975	1225	110	185	
JA2IY	A	365,001	714	86	105	
JA2PY	A	217,890	508	68	94	
JA8FM	"	152,220	410	52	77	
JA2CEC	"	141,638	357	70	81	
JA2TH	"	139,720	354	64	76	
JA6CLO	"	139,602	331	72	87	
JA1JKG	"	138,853	381	63	80	
JA5BJY	"	132,486	334	63	79	
JA1CMD	"	125,552	306	66	86	
JA3MIO	"	119,925	348	55	68	
JA8BI/1	"	117,438	330	61	77	
JA7DLE	"	110,920	353	50	68	
JA2ZAP	"	84,096	261	59	69	
JA3IQX	"	82,432	227	56	72	
JA3FYC	"	66,560	226	50	60	
JA1AS	"	64,184	215	52	61	
JA1BNW	"	63,036	216	42	60	
JA7ARW	"	57,371	206	46	57	
JA7CDV	"	50,456	169	50	56	
JA6BIF	"	34,854	171	33	41	
JA7JW	"	31,248	161	36	36	
JA5CEK/3	"	30,492	131	39	45	
JA7AEM	"	30,184	149	37	40	
JA7BP	"	28,200	114	48	46	
JA5TK	"	21,546	130	29	34	
JH1AWN	"	19,459	121	29	32	
JH3OSP	"	19,096	127	27	29	
JA3BRB	"	18,778	91	38	44	
JR1PUO	"	16,445	117	28	27	
JA1BSU	"	15,264	114	26	22	
JA4DZ	"	12,906	83	27	27	
JE1CUA	"	11,475	93	22	23	
JA6GJA	"	9,798	83	22	24	
JA3FV	"	9,514	79	19	23	
JA6WYS	"	8,528	66	22	30	
JA1BZM	"	8,103	87	20	17	
JA6KSR	"	6,120	61	20	20	
JA7IKH	"	5,617	51	20	21	
JA4GXS	"	5,376	66	17	15	
JA1BC	"	3,321	44	14	13	
JA2BJW	"	4,005	33	22	23	
JA6GZ	"	2,781	42	16	11	

TOP U.S.A. SCORES

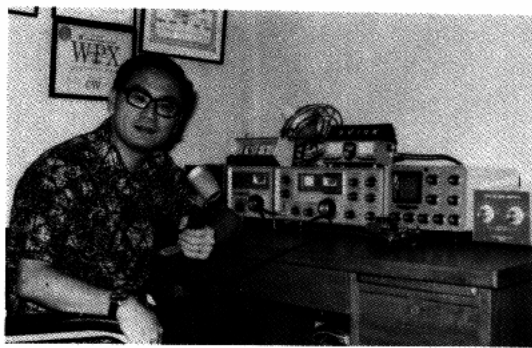
All Band	W3WJD	1,527,500
28 mHz	W4KFC	100,631
21 mHz	K8WUU	168,945
14 mHz	WA1JUY	201,728
7 mHz	K6EBB	288,786
3.5 mHz	W1MX	80,410
1.8 mHz	WA4SGF	2,542

Multi-Operator

Single Xmtr	K1DIR	1,985,310
Multi Xmtr	W3AU	5,031,982

JA3HBF	"	1,472	28	11	12
JA1EL	"	390	13	5	5
JH3BJN	"	325	16	7	6
JH1PZN	28	37,260	234	24	36
JA2MGE	"	19,872	143	20	34
JA1SR	"	16,698	136	20	26
JH1APZ	"	16,172	117	23	29
JH1DID	"	10,260	103	18	20
JA1SJV	"	9,798	84	19	27
JH1CXE	"	8,930	90	16	22
JA1AAT	"	527	13	8	9
JH1DTC	21	243,936	876	31	65
JA3JRI	"	94,620	397	26	57
JE1CAY	"	32,768	187	23	41
JA0EZP	"	26,572	184	20	32
JH1OET	"	18,705	147	18	25
JA1OLT	"	17,672	136	20	27
JA5HAM	"	4,551	46	15	22
JA3EYO	"	3,366	36	16	18
JA2FVJ	"	640	14	7	9
JH1JGX	14	176,015	575	32	75
JA2PJC	"	153,736	614	29	59
JH1HWY	"	61,940	305	29	47
JA1NPV	"	37,360	174	29	51
JA2UJ	"	20,955	136	24	31
JA1KNZ	"	20,274	130	24	38
JH2CKD	"	17,248	129	20	29
JA2AAU	"	17,224	156	19	27
JA8GR	"	15,456	107	23	33
JA1KTM	"	15,120	109	23	33
JH2BID	"	10,988	88	19	28
JA2GBO	"	8,568	110	13	15
JA2OJ	"	6,396	56	18	23
JA4BTD	"	5,735	64	18	18
JA2EG	"	3,335	39	13	16
JA5EN	"	2,196	23	16	20
JA0SC	"	1,840	43	13	10
JA4AQR/5	"	1,820	24	12	14
JA3BCT	"	1,403	32	13	10
JA9ETJ	"	608	16	9	7
JA0BPZ	"	480	14	9	7
JA1CWP	7	136,155	556	30	57
JA1QER	7	51,617	281	25	46
JA2HNP	"	47,385	211	29	52
JA1PPW	"	34,505	196	23	44
JA1OCA	"	32,410	174	23	47
JA1DUH	"	27,360	169	23	37
JH1DVZ	"	25,311	172	21	38
JA2AIR	"	17,280	123	21	33
JA8GSX	"	8,029	82	17	20
JA5DQH	"	4,959	63	15	14
JR1IRN	"	3,420	38	16	20
JR1BGT	"	1,818	43	9	9
JA1PLO	"	1,078	29	7	7
JA2GOT	"	1,050	27	7	7
JH3KTL	"	1,034	35	6	5
JH3FTO	"	282	19	3	3
IA2AAQ	3.5	23,808	151	25	37
JA1HGY	"	6,534	88	15	18
IA3AA	1.8	176	14	4	4
JA8FBH	"	42	3	3	3
JA0FAJ	"	12	2	2	2
JA6WGE	"	4	2	2	2
KA2NA	A	6,600	68	19	21
KA6AG	21	284,688	920	30	78
KA7MS	14	6,888	82	19	22

9V1OK	A	32,980	232	48	49	
HS4AGN	A	1,186,150	1488	116	234	
HS3AIG	"	83,028	323	63	85	
	U.S.S.R.					
UW9WL	A	595,359	836	65	184	
UA9DX	"	537,372	853	70	166	
UA9JH	"	495,756	929	41	147	
UA9NN	"	156,208	290	65	143	
UV9DX	"	96,656	304	34	78	
UA9MR	"	53,284	136	65	108	
UA9MY	"	253	11	6	5	
UV9CQ	28	34,987	233	18	41	
UA9CX	"	34,884	238	15	39	
UA9MK	"	34,286	231	19	43	
UV9DS	"	8,758	104	8	21	
UA9JL	21	37,319	246	21	46	
UA9CN	"	16,520	160	8	32	
UA9YE	"	15,351	136	13	30	
UA9CBM	"	14	100,719	384	29	64
UA9CAL	"	87,040	455	23	45	
UW9AT	"	41,396	194	27	52	
UA9UAR	"	34,684	266	20	38	
UA9LAC	"	32,895	226	16	35	
UA9OO	"	28,032	139	29	44	
UA9CAA	"	10,620	120	10	20	
UA9FAR	"	5,664	47	14	34	
UA9MT	"	3,960	39	16	24	
UA9UBU	"	2,940	53	12	16	
UA9OS	7	29,304	181	22	44	
UA9MAX	"	9,372	94	13	25	
UW9PJ	"	5,790	70	8	24	
UA9OJB	"	4,192	70	13	19	
UA9BZ	3.5	3,726	54	7	20	
UW9AF	A	552,780	864	80	169	
UK9CAB	"	182,520	778	46	58	
UA9LH	"	121,914	553	51	66	
UA9YD	"	100,926	322	40	86	
UA9MI	"	96,212	385	58	76	
UA9AG	"	81,120	299	39	65	
UA9DV	"	71,944	314	31	61	
UA9LS	"	59,696	399	41	50	
UA9DU	"	57,876	396	39	52	
UA9KAN	"	8,280	52	19	21	
UA9LJ	"	4,921	65	16	21	
UK9JAA	"	3,973	79	13	16	
	UK0000					
UA9YAE	14	94,848	524	20	58	
UA9TD	"	77,934	334	31	62	
UA9CAV	"	38,170	296	21	34	
UA9CBB	"	33,376	314	25	31	
UA9CBB	"	30,385	236	23	36	
UA9WJ	"	28,917	254	18	33	
UA9XAD	"	14,544	146	16	21	
UA9SA	"	1,710	33	10	10	
UW9LI	"	17,930	219	18	27	
UA9JAD	3.5	10,765	180	17	19	
UW9FB</						



9V1OK was the only c.w. entry out of Singapore. You're posing for the wrong contest Frank, the key man, the key.

OK3YDP	6,394	64	19	27
OK1FJS	4,879	61	15	26
OK1DOW	4,840	88	16	29
OK1MAA	4,756	111	12	39
OK3YKA	4,650	80	16	34
OK3CGI	4,171	72	12	31
OK2BCI	3,128	30	20	26
OK1AHV	2,831	49	11	11
OK3CDN	2,700	51	9	27
OK2BHD	2,450	83	12	23
OK1FAR	352	13	9	13
OK1AGQ	26,840	169	21	40
OK2PAF	17,235	123	21	34
OK3CHK	9,200	72	18	28
OK2ABU	6,368	75	13	19
OK1AWV	5,440	50	18	22
OK1EV	91,640	457	27	52
OK3CGC	44,660	253	24	53
OK1ARZ	37,133	222	24	47
OK1ABP	35,624	193	26	47
OK2RO	29,784	177	26	47
OK1MMK	28,070	162	24	46
OK3UN	16,881	149	18	33
OK1AGQ	10,754	138	13	25
OK1ATX	7,473	65	36	17
OK3TAA	2,160	43	9	15
OK1ALW	147,516	583	34	80
OK3KAS	52,316	397	24	58
OK3BH	25,156	210	22	54
OK1AOZ	18,252	164	21	33
OK1EP	16,740	150	19	43
OK1ATZ	16,206	118	24	49
OK3ZMT	14,994	135	19	44
OK3CEV	12,297	206	13	38
OK2PBG	11,562	174	12	36
OK3TAT	10,750	125	13	37
OK1DVK	9,168	106	14	34
OK1IAR	7,740	67	18	25
OK3TCV	6,615	92	12	33
OK2BBQ	5,920	104	10	30
OK1VK	5,504	65	12	20
OK3BC	4,760	100	12	23
OK3YAK	4,320	86	11	25
OK1ADH	609	14	10	11
OK2BYW	65,280	481	22	63
OK2QX	57,646	489	22	60
OK1K1P	27,384	315	16	40
OK1K1B	6,293	185	6	25
OK1XJ	4,991	105	6	23
OK1AES	1,794	54	7	16
OK1AEH	860	24	8	12
OK3EQ	783	24	5	12
OK1AWH	558	29	5	23
OK1WC	48,735	557	13	44
OK1DCW	14,016	230	8	40
OK2HI	13,500	234	8	37
OK3TCA	11,210	294	7	31
OK3TFM	11,040	233	8	32
OK1DKR	8,853	206	6	33
OK1FIM	5,928	120	9	29
OK3YCF	4,828	136	7	27
OK1MG	3,774	65	9	28
OK3YCL	3,360	111	5	23
OK1DAM	1,995	113	4	17
OK1DZS	1,206	76	4	14
OK1IAL	408	25	3	14

OKIATP	1.8	4,316	146	8	18
OLIAOH	1,843	84	5	14	
OK1MCW	1,840	86	5	15	
OK1FCW	1,392	96	4	12	
OLDOAU	1,296	79	4	14	
OLSAOY	705	50	3	12	
OK1KPU	702	64	3	10	
OLSAQC	312	27	2	10	
OK2PDN	310	39	2	8	
OK1MIC	280	38	2	8	
OL9CAW	253	28	2	9	
OL4APS	180	21	2	7	
OL4IAP	162	19	2	7	
OK1FBW	120	16	2	6	
OL4APO	108	27	2	7	
OL8CAC	100	12	2	8	
OK1AJJ	72	11	2	6	
OL5APX	8	13	2	2	

Denmark					
OZ1LO	A 969,450	1362	103	242	
OZ7HT	244,800	702	62	130	
OZ6PI	110,940	395	53	119	
OZ5ME	63,339	268	42	87	
OZ3PO	44,896	165	40	82	
OZ9OI	14,008	137	22	46	
OZ2UA	12,084	104	21	36	
OZ7BF	9,211	119	23	38	
OZ8SW	6,612	86	21	37	
OZ5QU	2,058	35	17	27	
OZ4DX	285	13	8	11	
OZ7YL	3.5	7,488	120	8	31

England					
G3LNS	A 983,014	1328	90	217	
G3FXB	840,264	1146	88	218	
G2DC	130,680	333	57	123	
G2AJB	97,811	352	47	110	
G3JKY	66,719	303	27	110	
G3XTT	52,000	266	32	72	
G3VDV	18,737	256	19	22	
G3MWS	16,128	124	28	56	
G2BOZ	28	77,256	34	25	62
G4AMJ	31,626	219	20	43	
G3CVL	3,978	58	12	14	
G3GCT	21	245,108	848	29	87
G5BAU	181,204	788	27	62	
G3RZI	14	242,198	959	33	76
G3MXX	99,225	430	30	75	
G3PVA	36,624	316	19	37	
G3KDB	71,928	506	24	57	
G3RRS	52,302	484	16	53	
G3ESF	27,225	350	9	46	
G3ZTQ	1.8	495	45	3	8

Faroe Islands					
OY4M	A 5,845	71	13	22	

Finland					
OH8RC	A 1,077,050	1394	98	227	
OH1VA	A 357,460	831	73	171	
OH9TH	135,876	457	48	108	
OH5SRZ	90,915	367	48	117	
OH7NW	71,725	300	42	109	
OH2AC	34,365	144	44	101	
OH5YL	31,058	151	39	67	
OH2YF	30,500	129	40	60	
OH2LU	28,676	181	32	75	

OH7RF	19,516	93	39	80	
OH2VZ	17,425	103	33	52	
OH7SO	10,230	69	28	38	
OH7OQ	7,304	81	16	28	
OH5RP	6,992	129	13	33	
OH5UX	6,468	52	25	41	
OH5TT	5,680	54	18	53	
OH2DN	4,399	39	21	32	
OH6RI	4,186	47	16	30	
OH1PG	3,680	61	13	33	
OH5XO	2,050	26	24	17	
OH5OD	2,014	31	13	25	
OH8SI	1,725	32	9	14	
OH1YJ	1,664	47	11	21	
OH5TZ	1,555	25	14	21	
OH2BJY	902	25	9	13	
OH4SF	238	7	7	7	
OH2FS	28	13,340	104	19	39
OH6VU	10,899	66	21	42	
OH2XM	10,744	71	20	48	
OH6UW	5,232	46	15	33	
OH2BMG	4,004	34	18	26	
OH5PA	3,751	43	15	16	
OH2LG	1,300	21	10	16	
OH3XJ	1,029	22	7	14	
OH3IF/2	322	9	7	7	
OH5HW	21	88,981	426	27	74
OH2BO	89,600	375	22	53	
OH4SL	55,926	349	23	55	
OH2PZ	49,941	267	29	64	
OH5PZ	43,016	260	21	54	
OH2AL	18,944	140	18	46	
OH2BCD	10,516	118	14	30	
OH2JQ	5,092	78	12	26	
OH1JL	5,032	80	12	25	
OH3HS	3,306	95	8	21	
OH9TD	1,586	39	9	17	
OH4SO	1,482	19	11	15	
OH2BNG	1,026	40	8	19	
OH5VT	14	169,500	689	32	74
OH8SP	25,000	186	13	37	
OH2KK	7	163,512	684	78	30
OH1VR	113,740	608	28	66	
OH1TN	109,275	578	27	66	
OH2BMC	5,332	95	11	32	
OH1XX	3.5	47,600	505	16	54
OH2BCI	13,992	218	11	42	

France					
F8TQ	A 153,295	989	49	106	
F51N	125,236	550	44	87	
F8TM	86,360	500	44	92	
F8DB	82,500	337	43	89	
F6FAP	70,513	257	36	71	
F9FP	48,985	267	30	71	
F6XW	28,135	152	35	50	
F6AAS	1,485	32	9	24	
F8SF	713	23	9	14	
F6ACS	3.5	45,600	520	12	45

Germany					
DL8YR	A 360,864	801	63	161	
DJ9MH	A 357,396	686	71	166	
DJ1XP	268,838	486	77	181	
DJ4UF	245,718	571	61	136	
DJ4EJ	213,686	445	72	170	
DJ4ZR	212,975	535	60	115	
DL1IF	201,348	493	65	139	
DL1MD	194,258	446	71	135	
DJ6BW	148,296	496	50	98	
DJ4HR	91,355	314	46	107	
DJ1DH	72,500	274	35	81	
DJ1LD	67,280	264	50	66	
DJ6BP	63,984	203	47	82	
DJ4OFZ	63,360	200	50	82	
DL1YA	39,582	192	40	83	
DJ2VY	19,836	134	31	45	
DL1YD	12,330	91	25	65	
DK5JA	10,212	79	28	46	
DL1OY	4,551	43	17	20	
DL3TN	1,998	29	16	21	
DL6EN	28	78,213	318	28	65
DK5PR	9,504	69	21	33	
DL2JO	21	36,600	254	18	42
DJ3YU	29,232	210	19	37	
DL1RB	28,497	179	23	46	
DJ7PT	20,768	173	19	40	
DL1CE	13,832	113	17	35	
DL1TH	7,221	112	12	17	
DJ5QK	1,470	36	9	12	
DJ7HZ	14	85,410	490	27	63
DL8CM	29,444	207	23	45	
DL8FR	7	100,480	583	23	57
DL7AV	3.5	110,424	759	23	63
DJ5PN	64,440	451	16	56	

Iceland					
WA9VYR/TF	A 223,782	781	46	105	
Ireland					
E15F	A 3,325	43	16	19	
Italy					
I6MAT	A 184,175	521	54	85	
I1CRW/p	74,850	273	45	105	
(DL9KP opr)					
I5ZCN	28	49,640	302	25	43
I2RTI	6,256	76	15	19	
I4BMM	21	83,468	453	24	53
I15BU	24,009	192	19	34	
I1EAD	1,911	39	10	11	
I1MMR	7	51,625	536	13	46
Luxembourg					
LX9SI	A 42,807	538	51	106	
Malta					
9H1CH	28	73,718	414	25	57
Netherlands					
PA0VB	A 91,352	363	47	105	
PA0TA	59,532	245	46	86	
PA0XK	40,992	238	37	85	
PA0PSK	39,185	211	28	57	
PA0PHK	9,020	96	18	37	
PA0DIN	4,032	74	24	60	
Northern Ireland					
G13LQ	21	4,900	119	10	18
(G13XGI opr)					
Norway					
LA9JM	A 139,425	349	62	103	
LA6HL	102,487	352	45	76	



This year the Maui Radio Club's Oceania Trophy goes to ZL3GQ. To my recollection this is the first time a CQ Contest Trophy has been won by a New Zealand station.

UR2FU	28	2,716	42	11	17	UT5JF	**	52,332	311	26	58
UR2HB	21	9,990	143	12	33	UT5LH	**	11,900	144	15	35
UR2PT	**	6,480	95	12	28	UK5WBG					
UR2NG	14	34,410	321	18	44		14	154,934	600	35	83
UR2CW	**	2,590	60	9	26	UT5SM	**	37,683	309	27	52
UR2JW	7	39,270	510	16	39	UB5VAA	**	36,792	301	27	51
UR2FQ	.35	29,095	527	10	45	UK5SWAS	**	30,310	239	21	49
UR2CU	**	940	54	3	17	UB5W	**	28,712	209	22	52
UK2RAH	**	345	24	3	12	UB5AY	**	27,984	364	14	39
Kaliningrad											
UA2DM	A	160,956	398	60	144	UB5GFD	**	22,196	264	17	45
UA2CK	**	87,647	353	41	92	UK5KGB	**	19,544	222	17	39
UA2DP	21	9,320	105	14	26	UB5LL	7	150,720	782	28	68
UA2EC	3.5	7,130	97	9	37	UB5SIF	**	121,373	704	20	69
UA2DK	**	2,700	96	6	21	UY5SS	**	55,991	469	20	53
Karelia											
UN1CB	A	9,328	153	16	37	UT5BP	**	19,404	248	22	44
Latvia											
UQ2CR	A	20,664	201	18	45	UT5SN	**	16,800	207	13	37
UQ2NU	14	2,135	33	14	21	UB5SZAL	**	10,000	123	14	36
UK2GCG	7	33,872	440	16	42	UB5HI	**	6,192	131	6	30
UQ2QC	**	28,424	285	17	51	UB5SQA	**	2,862	70	8	19
UQ2GCN						UB5SQC	**	1,456	38	7	19
3.5	9,648	262	5	31	UB5CI	3.5	74,112	501	22	74	
UQ2GDM	**	2,975	119	4	21	UY5EX	**	31,696	435	12	44
UQ2GCP	**	2,392	92	5	21	UB5MZ	**	31,482	486	11	42
Lithuania											
UP2NK	A	1,106,272	1351	110	272	UB5VAA	**	27,666	432	11	42
UP2BAR	**	212,247	765	53	136	UB5WL	**	22,950	463	10	35
UP2OU	**	181,076	515	54	139	UB5TQ	**	21,132	336	12	40
UP2XN	**	80,172	340	41	112	UT5BY	**	3,328	89	7	25
UP2BAA	**	74,500	399	34	91	UB5HAC	**	2,430	74	6	21
UP2BAS	**	28,160	194	30	80	UC2WAF	A	39,809	444	17	60
UP2BAZ	**	8,798	170	11	42	UC2CC	**	23,142	146	36	51
UP2BBF	**	4,368	54	3	16	UC2WP	28	15,660	115	20	38
UP2OQ	28	33,698	168	27	56	UC2AAD	14	30,954	243	23	54
UP2AY	21	108,976	438	32	80	UC2OAF	**	24,640	207	18	46
UC2AAM						UC2AAM					
UC2AAP	3.5	27,480	384	12	48	UC2WAE	**	22,896	383	11	42
UC2AAB	**	22,896	383	11	42	UC2WAE	**	9,652	217	7	31
UC2WAE	**	9,652	217	7	31						
OCEANIA											
Australia											
VK2BK/M/2	A	946,368	1300	90	158	UC2WJ	A	39,809	444	17	60
VK2GW	**	277,344	567	61	83	UC2CC	**	23,142	146	36	51
VK3XK	A	653,020	1078	79	127	UC2WP	28	15,660	115	20	38
VK3XB	**	54,416	246	38	38	UC2AAD	14	30,954	243	23	54
VK3J	14	78,660	308	30	60	UC2OAF	**	24,640	207	18	46
VK3APN	7	126,996	559	25	51	UC2AAM					
VK3R	3.5	576	20	9	7	UC2AAP	3.5	27,480	384	12	48
VK4AK	14	1,247	17	14	15	UC2AAB	**	22,896	383	11	42
VK6AJ	14	36,984	189	28	41	UC2WAE	**	9,652	217	7	31
VK6CT	3.5	9,956	94	16	22						
VK6HD	1.8	54	4	3	2						
Gilbert & Ellice Islands											
VR1A	A	252,287	572	75	86						
Guam											
KG6JBS	A	784,930	1025	100	165						
KG6JAR	**	570,725	1053	81	104						
Hawaii											
KH6RS						A	2,748,307	2990	121	190	
(Opr. W6MAR)											
KH6J	A	1,174,896	1737	97	133						
W6DAD/KHG											
							125,358	433	48	54	

KH6IAB	14	151,810	607	30	55	W6DOD	620,300	921	92	137	
K5CIT/KHG		40,527	258	26	30	W6QGW	154,570	420	51	79	
KH6HQL	7	8,619	171	9	8	W7OBL	138,864	376	57	75	
KH6GJY	3.5	4,953	132	6	7	K7PBU	5,353	45	27	26	
KH6CHC	1.8	1,458	54	5	4	W8SH	632,766	680	109	217	
Marshall Islands											
KX6BB						W8UM	516,600	589	99	216	
						W9EWC	973,161	865	128	271	
KX6JS	A	454,727	1168	61	72	W9EXE	410,338	370	129	269	
		24,492	210	21	18	W9A0V	667,380	795	108	186	
New Zealand											
ZL3GQ						W9AB	284,688	472	78	138	
	A	1,318,834	1492	105	197	KL7AIZ	143,412	757	35	39	
ZM1AMM	**	185,871	396	73	94						
ZM3ABC	**	3,402	54	11	10	VE1ASJ	1,749,766	1999	110	249	
ZL1AR	28	98,580	630	22	31	VE4JB	318,384	618	75	123	
ZL1ARL	14	160,590	575	33	68						
Cayman Islands											
						ZF1VD	653,838	1744	65	112	

SOUTH AMERICA

Antarctica											
UA3YH/M	14	129,168	484	31	61	424LI	932,064	1393	65	163	
Argentina											
LU3FG	A	444,960	1050	51	93						
LU5HF1	14	435,768	1100	35	99	JA9YA	645,120	976	92	147	
LU6FA	**	165,680	588	33	62	JA3YBF	293,503	661	71	90	
LU2DKG	7	68,796	373	23	40	JA1YHA	267,701	588	70	97	
LU5EWM	1.8	18	3	3	3	JA6VCL	60,970	258	42	49	
Bolivia											
CP1EU	7	15,048	141	15	23	JA7YAA	47,170	189	41	48	
Brasil											
PY2ZBA						JA5YCS	19,200	126	29	31	
PY7AQK/6	A	1,225,830	1435	99	191	JA2YCF	14,456	103	27	25	
	14	320,824	979	33	86						
PY2DPR	**	3,675	37	14	21	UK9AAZ	1,102,960	1137	96	244	
PIYIZAL	**	2,730	40	12	14	UK9FEC	344,872	639	61	131	
Chile											
CE2CR	21	4,494	76	10	11	UK9LAA	317,756	709	40	108	
Ecuador											
HC3JL	A	150	5	5	5	UK9CAN	308,934	647	43	119	
Surinam											
PZ1AH	14	457,583	1173	35	96	UK9XAC	200,901	467	56	111	
Trinidad & Tobago											
9Y4VU	A	1,198,652	1566	81	178	UK9CCC	158,562	429	36	102	
Uruguay											
CW9BT	21	696,193	2068	31	82	UK9MAC	139,384	344	47	86	
CX1JM	**	494,283	1495	35	76	UK9HAC	68,187	238	38	81	
Venezuela											
4M4AGP	A	2,578,665	2561	112	241	UK9CDB	31,942	278	25	69	
(Opr. W6OAT)											
YV5BNR	21	101,657	576	18	41	UK9AAZ	19,398	132	17	36	
YV4AJ	14	603,591	1578	37	92	UK9FAA	1,066,240	1715	104	176	
(Opr. K4TIG)											
YV5CEP	**	219,000	744	31	69	UK9CAQ	135,087	696	50	61	
YV5AW	3.5	65,000	426	15	37	UK9AAC	72,240	315	33	96	
YV5KL	**	20,775	278	8	17	UK9CAA	70,490	522	45	50	
Multi-Operator Single Transmitter											
UK8AAI						UK9ACW	38,430	331	31	39	
						UK9IAC	30,100	233	30	40	
						UK9ZAA	21,987	293	32	31	
						UK9KAC	12,236	270	21	71	
						UK9KAG	8,155	97	19	16	
Azerbaijan											
AZ6DAU						UK9FAA	1,066,240	1715	104	176	
UK6DAD						UK9CAQ	135,087	696	50	61	
						UK9AAC	72,240	315	33	96	
						UK9CAA	70,490	522	45	50	
						UK9ACW	38,430	331	31	39	
						UK9IAC	30,100	233	30	40	
						UK9ZAA	21,987	293	32	31	
						UK9KAC	12,236	270	21	71	
						UK9KAG	8,155	97	19	16	
Kazakh											
UK7GAA						UK9FAA	1,066,240	1715	104	176	
UK7TAA						UK9CAQ	135,087	696	50	61	
UK7PAA						UK9AAC	72,240	315	33	96	
						UK9CAA	70,490	522	45	50	
						UK9ACW	38,430	331	31	39	
						UK9IAC	30,100	233	30	40	
						UK9ZAA	21,987	293	32	31	
						UK9KAC	12,236	270	21	71	
						UK9KAG	8,155	97	19	16	
Uzbek											
UK8AAI						UK9FAA	1,066,240	1715	104	176	

NORTH AMERICA

U.S.A.											
K1DIR	1,985,310	1401	133	353							
K1ZND	1,564,990	1372	107	288	LZ1KVV	1,793,754	1854	124	315		
WA1ZVE	951,528	1015	98	230	LZ1KDZ	247,065	789	58	123		
WA2KB	1,016,338	894	116	270	LZ1KRD	175,720	611	59	130		
W3GM	1,101,492	916	129	294	LZ1KCP	133,446	624	36	102		
W3AHGV	727,650	739	106	244	LZ2KSO	129,744	553	42	117		
W3DRT	437,376	567	89	183	LZ1KRB	112,716	657	30	63		
W3ALHG	378,328	510	84	178	LZ1KSD	74,040	445	36	84		
W3YXM	354,105	425	102	203	LZ2KGO	60,358	423	27	76		
W3NX	329,430	417	86	192	LZ1KHB	58,125	445	38	55		
W3BYX	284,354	376	76	190	LZ1KRA	37,492	332	25	66		
K3MFB	281,424	473	68	140							
W3GPI	134,769	285	58	139							
W4QCW	657,552	683	101	236	UK3KAG	760,632	1217	97	231		

