

Results of the 1969 CQ World Wide DX (Phone) Contest

BY FRANK ANZALONE,* W1WY

WE had another good one back in October, even surpassing the 1968 Phone Contest which I had predicted as probably being the greatest one of them all. Practically all areas will show new scoring records. I counted over 20 new continental and world records.

A total of 1377 logs were received, a modest 3% increase over last year. This in spite of a 4% decrease in US entries, but which was more than compensated by a 40% increase out of the USSR.

There seems to be a trend to multi operation, which does cut down on the number of entries but increases the on-the-air activity.

Breaking a million by the single operator all banders is now commonplace, a total of 44 stations made it this year. But breaking a million on a single band is something else. This was finally achieved by CWØAA on 21 mc. Don't let that call fool you, it's none other than our friend Ricardo, CX2CO, the little ole record breaker himself.

Entries were received from 125 different countries, a decrease of 7, and only 39 zones could be accounted for, there was no activity in Zone 34.

But enough with the statistics, you can get more information from the top scores listings,

*Contest Chairman, CQ.



Would you believe that this attractive YI has a 23 year old son ready to take over the operation of YV1-CY? We welcome multi-operator stations, but we would rather exchange contest numbers with you Irmgard.

PLAQUE & TROPHY WINNERS

Single Operator, Single Band

WORLD—North Jersey DX Association. Dr. Harold Megibow Memorial Trophy. Won by Talma Drummond, PY4OD.

CANADA—Gene Krehibiell, VE6TP Trophy. Won by Martin Rosenthal, VE3MR.

CARIB./C.A.—Gus Huether, HR2GK Trophy. Won by Pedro Piza Jr., KP4AST.

Single Operator, All Band

WORLD—Bill Leonard, W2SKE Trophy. Won by James B. Neiger, 9Y4AA.

U.S.A.—Potomac Valley R.C. Trophy. Won by John Lawrence, K1KTH.

EUROPE—W4BVV Operators' Trophy. Won by Klaus Kuhlemeier, DJ4PT.

OCEANIA—Jack Chaulk, KS6EJ Trophy. Won by Edward DeYoung, KH6GLU.

CARIB./C.A.—Harold Fox, W3AA Plaque. Won by Eloy Marez, YS1XEE.

AFRICA—Gordon Marshall, W6RR Plaque. Won by Carlos Silva, CR6LV.

Multi Operator, Single Transmitter

WORLD—John Knight, W6YY Trophy. Won by Station ON4UN (OPrs. ON4UN, DK1FW, G3XVY.)

Multi Transmitter, Multi Band

WORLD—Radio Club Venezolano Trophy. Won by Station PJØDX (OPrs. K1-ANV, K3EST, K3NPV, K4AQQ, PJ2CC, W3AZD, W3MSK, W3ZKH, W4BVV)

Contest Expedition

WORLD—Stuart Meyer, W2GHK Trophy. Won by Station PJØDX.

Special CQ Plaques

WORLD—Single Band Champion. Ricardo Sierra, Jr. CWØAA.

EUROPE—All Band Champion. Robert Snyder, LAØAD.

Single Operator - All Band

Station	QSO's						Zones						Countries					
	1.8	3.8	7	14	21	28	1.8	3.8	7	14	21	28	1.8	3.8	7	14	21	28
9Y4AA		121	300	844	792	999		14	19	35	33	29		39	47	101	82	86
KV4FZ	40	334	310	1107	762	1122	8	19	18	34	30	27	12	59	54	92	66	81
LAØAD		114	115	393	440	1363		10	14	32	27	27		34	38	71	61	67
HC1TH		42	119	751	521	800		8	15	30	25	17		15	32	76	64	52
DJ4PT		70	107	487	640	568		10	14	27	36	30		36	35	70	68	65
I1BAF		47	117	808	347	582		8	12	30	30	29		32	41	75	65	57
I:FLD		43	66	708	565	657		7	10	34	29	29		28	29	87	58	56
VS6DR		4	30	607	731	867		3	11	39	33	33		4	16	101	74	66
KH6GLU		46	92	412	744	852		11	13	31	28	26		12	16	78	58	42
OZ1LO		110	119	340	599	583		11	15	34	27	32		35	39	76	66	65
K1KTH		78	71	254	360	359		19	16	33	36	34		39	35	87	85	82
W6RR		33	85	205	549	456		13	15	30	35	31		19	32	71	79	75

U.S.A.

Multi-Operator - Single Transmitter

ON4UN		143	208	1177	1138	673		18	23	39	35	34		55	54	129	95	75
OH2AM	9	88	90	1160	1291	628	2	10	15	39	36	34	7	45	52	132	98	94
OW3BH	7	18	67	499	1183	1749	3	8	17	32	32	29	7	14	25	73	72	77
JA9KAX		73	283	1032	412	578		11	19	38	29	34		36	58	127	81	100
DLØWR		76	97	886	817	961		10	14	35	30	30		40	61	96	72	76
PJ1AA		136	278	682	759	969		9	17	36	26	24		25	42	106	63	54

Multi-Operator - Multi-Transmitter

PJØDX	36	452	929	2739	2699	2415	4	22	24	39	35	32	8	60	70	146	116	88
4M1A	22	395	608	2352	2098	1882	4	15	23	38	34	32	7	46	70	146	97	88
OH5SM	30	309	513	1813	2304	1802	2	12	27	39	37	36	8	52	78	153	120	115
WA2ZAA	4	127	228	936	1183	1012	3	19	29	39	38	33	3	46	78	138	125	103
OH1AA	15	202	416	1681	1203	1017	2	8	26	39	33	36	6	33	73	135	92	96
W6VSS	9	76	267	625	1265	683	4	16	28	36	36	36	3	30	57	127	98	97

Band-by-band breakdown of top scores.

band-by-band breakdown of the top stations, and the Trophy winners.

There were many highlights but we feel the multi-multi operation of PJØDX by the PVRC group tops them all. The Committee and Stu Meyer therefore award them the W2GHK Contest Expedition Trophy. A fan-

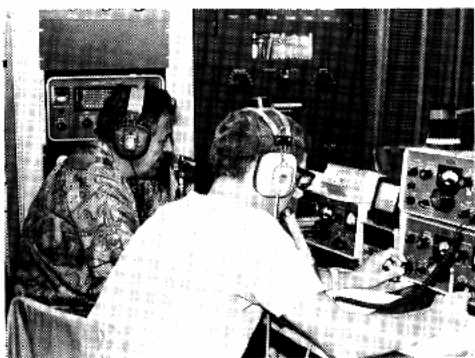
tastic 10,014 contacts were made, but they did not all figure in the scoring. A computer dug out 744 dupes, leaving a net of 9270 and a score of better than seventeen and a half million. It was also interesting to note that 5653 contacts were W/Ks.

Other Contest Expeditions of note were FG7TI/FS7 by PJ7JC, W9ZRZ and VE3-EUU; ZF1CC by WB4MKU, W4DGY and W4ZRZ; VP2VP by VP2VI, VE3ACD and VE3GMT; Lord Howe by VK2BKM; OHØAM by OH2BH; C31CQ by K2IXP who operated fixed mobile from a camper in freezing temperatures; and DJ6QT/CT3 which was sadly terminated prematurely because of the death of Walter's infant daughter while the family was spending a vacation in Madeira.

The call 9Y4AA may be new but not its operator. Jim Neiger, ex-ZD8Z again had the extra QSO point advantage for all those W/K contacts and nosed out Herb, KV4FZ for top honors.



The fixed mobile location of C31CQ and the camper used by K2IXP high in the mountains of Andorra. Larry experienced freezing temperatures at this 8500 ft. altitude.



The 10 meter position of the West Coast Multi-Multi "Big Gun" W6VSS. That's Cam, W6QY and Dick, W6ICJ doing their share in putting Dale Hoppee's station at the top of the list in zone 3.

Another donnybrook was the one between 11BAF and 11FLD with Mino avenging last year's defeat by Antonio by a very narrow margin.

The OH DX Ring was not able to round up a full crew for multi-multi operation, so they joined the Single Transmitter category. However a surprise new entry in this category, ON4UN took top honors.

A new call that had everybody scratching their heads was WA2ZAA. It was none other than old K2GL reorganized to operate in the Extra portions of the bands.

The openings on all bands were good but exceptional on 28 mc. It seemed to me that everybody flocked to 10, some because of the fine opening, other because of the unrestricted frequencies on that band.

To quote W5EU, "10 was beautiful, best opening I have heard in 38 years of hamming." And K4KJN was bemoaning the fact that he had to buck the "big guns" with only a TA 33 Jr., but Mickey had picked the right band and won himself a certificate.

Of course "Murphy" reared his ugly head as usual. W4VAN says he was Murphied to death. Don blew a trap on 40, followed by a balun and finally the rotor went kaput.

However, I don't think WA5LSM can blame Murphy for his difficulties. Marlin claims his linear blew up when a pretty YL walked under his antenna. (Boy! they sure must be wearing those mini's short down Texas way!)

And do you suppose Murf had anything to do with VE4ZP's cousin using John's home as a hide-out for their elopement and louse up John's contest week-end?

A common complaint was that some DX stations do not identify themselves often enough, adding to the confusion in a pile-up. But even a pileup has its moments of humor. An incident as told by Maurice Duke, ZMITZ relates that during an unusually heavy W/K pile-up there was complete silence after he had given a report to a station. Suddenly a voice pipes up, "Who's dat wun for, Mr. Dook?"

JA1AEA yearly expresses disappointment that we do not have a continental Trophy for Asia. Well, how about someone in JA land donating one? All our awards are donated.

K5MY had no complaints, he enjoyed the contest so much that he wants us to make it a two week-end affair for each mode. (That's a privilege reserved for ARRL only.)

If you want to fatten your 5 B DXCC total this is the contest where to do it advises WA9LYO. Perry added 26 new countries to his 10 meter total.

This is the 11th CQ Contest for the group at SM5AZU. They figure the fellows have been operating together for over 200 years. (I don't quite figure how they arrived at that.)

K6HN was disturbed by the incessant calling of some stations, even when the DX station was already working someone. But WA3JRY found everybody most gentlemanly, even in the closing hours of the contest. (By that time they were just numb. Hi!) I would add however that on the whole, operating ethics were generally commendable, the pattern being set by the operating procedure of the DX station.

Our week-ends are working days for the Muslim world, therefore YA1HD found it impossible to put in full time. We are grateful for the time Helmut did put in and give the boys a shot at a rare one.

Experience gained over-seas evidently pays off because K1KTH, the USA Trophy winner is ex-KA7AB. Nice going John.

K3CLA is the club call of the St. Joseph's Prep School Radio Club and the boys had a ball in the contest but didn't like the idea of spending an extra 48 hours in school. (I would suggest an organized operating schedule.)

The group at G3VUM had problems of another nature. The station was located in the same building as a dance hall. Came Saturday night they were forced to QRT because "CQ DX" was getting into the hall's P.A. system.

[Continued on page 94]

TOP SCORES

SINGLE OPERATOR

ALL BAND	
9Y4AA	4,318,925
KV4FZ	4,180,500
LAØAD	2,512,692
HC1TH	2,183,024
DJ4PT	2,017,169
IIBAF	1,972,316
IIFLD	1,962,492
VS6DR	1,913,680
KH6GLU	1,859,130
OZ1LC	1,825,600

SINGLE BAND

28 mc		7 mc	
4X4JU	570,836	SM5BPJ	138,061
OZ3SK	448,500	VE3KZ	92,442
KG6AQY	435,528	G3NLY	62,880
SM6AEK	424,974	OH3VV	55,680
UV3GM	424,156	W2DXL	52,008
DL6EN	400,288	I1NU	34,036

21 mc		3.8 mc	
CWØAA	1,068,552	CT2AT	51,129
G3HCT	832,016	DJ2YA	40,448
VE3MR	550,212	G3IGW	21,775
VE3FHO	467,852	K3UZE	19,229
HB9ZY	406,830	VE7BDJ	13,653
UA1DZ	399,455	OE1WO	12,322

14 mc

PY4OD	919,068
CR6LK	742,755
DL8NU	717,558
UA9DN	699,105
KP4AST	619,714
DJ2BW	597,681

1.8 mc

VE3BS	1,947
GM3YCB	1,080
DI.1CF	468
K1PBW	299
WA4SGF	216
OK1MP	190

MULTI-OPERATOR

SINGLE TRANSMITTER

ON4UN	5,117,716	UA9KAX	3,673,969
OH2AM	5,091,228	DLØWR	3,623,616
CW3BH	3,944,460	PJ1AA	3,345,042

MULTI-OPERATOR

MULTI TRANSMITTER

PJØDX	17,613,400	WA2ZAA	6,743,880
4M1A	12,993,600	OH1AA	6,470,325
OH5SM	11,593,925	W6VSS	4,788,240

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.

W1EIN 3.8	5,440	56	11	29
K1PBW 1.8	299	13	5	8
W2PV A	1,501,164	1195	117	324
W2ZRLK A	1,011,852	1038	104	243

WA2IZS	471,859	545	95	212
WA3BZA/2	450,575	585	85	184
W2YD	325,740	476	81	163
WA2LLK	313,684	473	71	167
K2QIL	305,467	433	75	176
W2UI	262,890	403	77	153
WØ2UZU	250,418	401	66	151
K2QOJ	232,630	389	66	139
W2RSX	188,700	332	63	141
W2LEJ	186,220	341	59	131
WØ2IEC	179,025	294	67	150
K2KHR	160,300	327	58	117
W2EHB	157,182	279	64	137
K2PZF	111,048	231	57	111
WØ2ZGJ	87,600	214	45	101
WØ2CSP	86,301	229	31	98
W2SNI	77,763	197	49	98
K2DDK	68,978	140	64	118
W2DIZ	65,550	154	61	89
W2UCV	64,527	164	45	92
WØ2IRU	23,247	110	29	52
W2ITG	20,928	79	36	60
W2KZN	8,292	89	20	34
F3VN/W2	4,742	38	15	27
W2ZPG	2,101	25	12	21
W2YT	28,233,856	629	32	96
W2DKM	169,910	454	31	99
K2BK	131,157	386	32	85
K2ISP	96,120	305	27	81
W2EQK	50,800	216	21	59
WØ2JGV	31,950	148	23	52
K2BMI	18,760	100	23	44
W2PU	12,545	72	21	44
WØ2NKL	21,146,625	405	31	94
WØ2WJO	104,620	352	26	69
WØ2RO	37,098	168	24	57
WØ8SMW/2	10,650	77	13	27
WØ2AIR	14,104,784	309	33	85
K2FCV	47,895	176	20	67
WØ2AYP	28,028	156	21	56
WØ2DTP	8,788	67	16	36
WØ2DL	52,008	238	23	65
WØ2UJM	3.8	4,712	55	11
WØ2EJ	81	8	4	5

W3MVB	A 731,300	722	108	247	W3OV	175,244	322	58	135
W3DQG	A 709,296	754	99	237	W3GRS	155,844	260	73	161
W3CRE	A 642,902	722	91	222	K3UZ	146,452	285	61	127
K3TGM	516,559	612	84	209	W3DRD	139,104	268	58	126
WØ2VQG/3	486,325	584	93	182	WA3LKH	111,684	233	57	107
WØ3CGE	451,233	580	83	194	WA3JRY	99,385	236	40	99
W3AXW	434,145	545	86	195	W3HVM	70,083	211	45	72
WØ3ATX	402,369	529	80	187	W3NNK	69,823	189	43	88
W3AES	331,289	487	77	166	W3EVM	65,940	164	49	91
W3KT	327,660	455	83	171	W3GHD	52,706	131	60	86
K3EUR	305,520	464	68	160	W3CGS	52,200	155	38	78
K3OTY	301,464	443	75	162	WA3JXF	48,614	160	36	73
W3FDU	273,372	454	64	145	W3FHR	36,905	128	47	74
W3NX	273,182	385	75	172	K3TVE	11,036	66	28	34
K3DHG	257,907	405	73	148	WA3KKL	9,169	64	18	35
W3A1M	212,888	413	57	121	W3CBF	6,355	53	12	29
WØ3HGV	187,980	357	57	138	WØ3ENM	5,246	43	14	29
W3BYX	178,135	333	58	139	W3ML	4,794	36	23	28
W3ECW	176,472	295	73	143	W3FPP	2,184	41	26	31

Phone Results

SINGLE OPERATOR NORTH AMERICA United States

K1KTH A	1,523,820	1122	138	328
W1OKG	A 836,628	844	105	241
K1KNQ	783,288	799	103	241
W1BIH	494,949	514	102	241
W1UUY	391,395	508	84	185
W1PYM	373,998	516	75	174
W1IXL	277,344	442	71	145
W1AX	161,491	217	88	189
WØ1ANR	150,705	343	44	109
K1IMP	146,374	284	45	118
W1PCD	83,226	199	51	92
W1BHV	62,634	153	46	97
W1BPW	54,194	118	56	102
W1DIT	40,474	123	40	78
K1THQ	34,960	128	30	65
W1KXM	30,616	134	30	56
W1ETU	26,765	96	33	68
W1WY	20,610	85	32	58
W1PLJ	10,251	69	16	35
WØ1KQM/1	8,642	54	22	36
WØ9HHH/1	7,791	57	17	32
W1FLN	5,900	49	19	13
K1KDP	28,274,747	705	32	107
WØ1HFN	175,680	503	30	90
WØ1FBX	46,665	189	22	63
WØ1FHU	13,050	84	17	41
K1HVV	21,273,092	703	31	103
WØ1AIRG	125,545	370	32	87
WØ9NSR/1	11			
W17DL	127,120	339	34	88
W1ESN	90,594	245	35	91
W1TOU	18,834	79	29	57



A welcome station in a contest, KG4DS. "Doc" wanted to know if this was the first entry out of Gitmo. Its been a long time, but we had one back in 1960.

Luxembourg
LX1BW A 509,640 1202 71 84

Netherlands
PA0KQP A 456,170 626 94 196
 PA0SNG " 126,896 365 52 154
 PA0UC " 91,931 270 53 108
 PA0UR " 7,276 97 20 48
 PA0JPC " 3,075 60 10 31
PA0INA 28 57,000 210 34 66
 PA0MIR/A " 22,385 166 17 38
PA0EEM 14 33,162 935 39 127
 PA0HSJ " 106,920 376 35 85
 PA0FM " 18,849 242 16 45

Northern Ireland
G13YDO 14 9,620 107 15 37

Norway
L0A0D A 2,512,695 2425 110 271

L0A8HN " 627,888 915 90 219
 L05LG " 164,096 497 50 114
L0A8OM " 48,760 275 34 58
L0A8RI " 47,190 173 47 74
L0A8XM " 34,580 201 27 68
L0A5OK " 30,500 164 36 86
L0A4R " 21,648 193 15 33
L0A8M " 10,428 84 25 41
L0A6XI " 8,722 86 18 44
L0A9ZF " 3,248 63 9 19
L0A9WK " 513 13 9 10
L0A4ZB 28 27,434 170 19 39
L0A60I " 9,313 53 26 41
L0A3XG " 3,360 53 13 22
L0A1FF 21 1,261 35 6 7
L0A6U 7 3,913 66 14 29

Poland
3ZBAJK A 1,596,190 1460 143 399

SP5CIC " 127,250 640 72 141
3ZBAWP " 46,374 259 37 94
3Z2BMM " 5,550 76 14 36
3Z6AAT 28 86,580 349 39 59
3Z9BZM 21 5,472 98 11 25
3Z3AMZ 14 19,710 168 22 51
3Z5SIP " 15,000 105 20 55
3Z7AAU " 8,071 67 13 34
3Z5CJU " 3,914 88 10 28
3Z9PT 3.8 5,166 125 8 33

Portugal
CT1BH A 1,283,337 1508 94 225

CT1MB " 4,575 45 22 39
CT1WA 14 146,256 461 34 98
CT1QN " 84,487 385 29 68
CT1WB " 76,908 358 31 85
CT1GD 7 5,265 122 8 31

Romania
YO9VI A 468,872 1032 68 183

YO2BB " 250,320 678 60 150
YO2AFB " 55,806 273 42 89
YO4KCA 14 368 19 5 11
YO6ALD 28 352 18 7 9

Scotland
GM3BCL A 404,096 745 64 160

GM3VTB 3.8 10,584 199 10 39
GM3YCB 1.8 1,080 90 2 10

Spain
EA2IK A 5,220 76 12 33

EA4LH 28 183,344 594 30 82
EA3SA " 81,530 495 23 39
EA11Y " 27,390 200 23 60
EA3IH 21 8,976 135 15 36
EA2HW 14 10,716 142 15 42

Svalbard Is. (Bear)
JW1CI A 287,592 857 56 128

Sweden
SM5CEU A 1,767,507 1846 107 250

SM5AD A 1,186,500 1248 106 269
SM3BIZ " 813,858 1077 90 213
SM5DJZ " 731,880 1136 89 196
SM7CCU/6 " 391,761 711 76 161

SM3EP " 162,565 368 65 140
SM3AF " 141,050 448 43 112
SM3CX " 81,320 181 66 130
SM0BDS " 73,034 271 61 100
SM2CAA " 38,586 206 37 72
SM9FT " 32,732 233 29 69
SM7TQ " 28,783 118 41 66



The operating crew of YU1BCD, winner of the multi-single division for Yugoslavia. L. to R. front: YU1QBC and Vlada; rear: YU1PCF and YU3EY.

SM6ADW " 19,200 144 25 35
SM7TV " 12,692 129 19 57
SM6CKU " 6,344 36 28 33
SM0KVV " 4,608 58 15 21
SM5AGU " 2,331 43 15 22
SM5UH " 272 10 8 9
SM6AEK 28 424,974 1102 35 102

SM4ARQ " 259,666 774 33 88
SK5AS " 144,861 465 34 75
SM4CMG " 113,288 428 30 68
SM5BOE " 67,712 304 30 62
SM2COR " 6,018 52 19 32
SM0CXM " 612 12 10 8
SM5API 21 389,046 1270 32 86

SM7CSN " 209,109 707 34 95
SM3DSP " 164,160 683 28 68
SM6BLT " 31,027 246 23 48
SM7ABL " 19,684 105 25 51
SM7CRW 14 257,985 860 37 98

SM5BUT " 250,044 805 37 97
SM5CCH/0 " 13,420 119 16 45
SM7BJN " 2,240 28 15 25
SM7AIL " 1,848 52 6 22
SM5BPJ 7 1,388,061 622 30 91

SM3CWE " 24,600 238 17 58
SM5CAK " 14,490 137 15 48
SM5GZ " 13,455 142 16 49
SM0AJU 3.8 6,278 103 11 36
SM5DSF " 6,080 145 7 33

Switzerland
HB9ADD A 809,848 869 96 273

HB9UD " 83,798 239 51 92
HB9ZY 21 406,830 1023 36 106
HB9AEB " 94,200 367 28 72
HB9DX " 23,074 119 25 58

Wales
GW3NWW A 723,840 1044 75 185

GW3POF " 174,472 480 61 132
GW3NPD 28 240,870 915 28 65

Yugoslavia
YU3OV A 809,775 1135 87 218

YU2CB/X " 168,960 500 63 129
YU3DO " 103,350 282 64 131
YU1NWH 28 15,400 193 14 26
YU1SJ " 3,388 66 11 17
YU3TX 21 64,741 341 28 73
YU1NVE 14 9,342 108 16 38
YU4VXW " 1,053 20 9 18
YU1SF " 56 7 3 5

U.S.S.R.
UA3HO A 460,908 795 80 172

UV3FD " 264,141 576 76 167
UA45H " 225,765 729 44 101
UA3FF " 126,075 269 60 145
UA3IF " 120,320 419 42 86
UA4CD " 120,125 395 33 92
UV3BJ " 52,457 426 44 96
UA3HR " 39,710 211 36 74
UA6PG " 25,704 171 30 78
UV3MM " 19,552 116 31 63
UA3DB " 8,892 86 22 30
UA3SM " 2,325 41 12 19
UA1JA " 132 12 3 8

UV3GM 28 420,156 1246 35 97

UA3AVV 28 285,890 1095 32
UA30G " 184,047 888 29
UW4NH " 114,816 485 28
UW3UG " 67,067 355 28
UA3KQB " 58,350 294 24
UA3BB " 33,433 208 23
UA1AAT " 25,365 273 23
UA4CO " 13,482 142 18
UV3ACI " 11,718 139 17
UA4LT " 10,088 116 18
UA4DA " 9,450 77 11
UA3MNT " 7,761 128 11

UA1DZ 21 399,455 1314 33
UA6KOD " 236,130 969 32
UA4RO " 197,496 784 32
UW1BM " 117,528 758 24
UA4CZ " 100,555 510 28
UV3TE " 86,890 487 26
UW3IN " 83,517 439 32
UA6BL " 59,314 314 32
UW3NE " 4,650 67 12
UW3IP " 3,502 53 12
UW6LC 14 162,150 575 37

UW4IK " 115,940 432 32
UW3EH " 108,750 413 35
UA3HH " 94,640 4100 33
UW3HY " 59,300 3139 29
UA1LE " 29,304 179 28
UA3RG " 20,554 131 28
UA1MU " 8,892 153 13
UA4AQ " 3,999 55 14
UA1WT " 2,244 40 13
UA1KMD " 694 33 6
UA1WJ 3.8 1,512 174 4
UW3DH " 1,104 47 4

Estonia
UR2AR A 1,500,852 1673 193 2

UR2ED 28 17,629 165 22
UR2CW 14 226,736 706 38 28
UR2AD 7 21,056 285 15 5
UR2DL " 1,342 52 5 10
UR2EK 3.8 7,038 140 9 9

Latvia
UQ2DV A 24,374 180 19 8

UQ2QV 21 2,310 51 8 11
UQ2IL 14 5,148 94 8 11
UQ2MU " 3,570 105 7 5
UQ2NU 3.8 3,120 104 7 5

Lithuania
UP2NV A 1,539,030 1714 1 01 2

UP2PA 14 105,512 470 31 22
UP2LR " 53,594 290 40 22
UP2CV " 44,820 377 22 16
UP2CL " 16,520 231 16 16

Moldavia
UO5BGD 28 58,910 382 17 27

UO5BWG " 17,600 131 22 5
UO5BWZ " 350 16 5 2

Ukraine
UB5KIW A 1,019,904 1359 916 2

UT5DA " 41,837 304 310
UT5HT " 35,900 145 28
UT5FN " 23,901 184 312
UT5AM 28 66,612 338 29 29
UY5HI " 63,262 381 25
UB5EM " 25,460 216 20
UB5BLB " 8,096 130 12
UY5HG " 2,800 47 12

UB5KAS 21 53,200 302 29
UB5LV " 40,120 250 23
UB5FG " 20,376 125 22
UB5UN 14 291,288 930 39 1
UT5OT " 172,074 779 34
UB5CI " 81,250 356 33
UB5KCX " 17,066 187 15
UT5GM " 13,375 87 27
UB5SR " 6,720 73 17

White Russia
UC2KW 14 3,230 79 10 2

OCEANIA
 Australia
VK2WD A 38,790 153 29 4

VK2APK 14 447,262 1030 36 11
VK2BNK " 12,544 72 23 4



We see many photos looking up at beams and towers but here's one looking from the top down. It was taken from the "crow's nest" at the 120 ft. level of W9EXE's tower.

Contest Results [from page 55]

	Latvia	W3MWC	1,173,150	1043	119	276
UQ2KAA	1,092,300	1514	94	236		
UQ2KAZ	307,395	597	73	180		
UQ2KDX	280,060	751	68	152		
	Lithuania	W8NWT	375,964	904	69	124
UP200	1,334,639	1464	105	248		
UP2KPI	361,522	816	66	151		
UP2KTU	319,336	926	75	148		
	Ukraine	W3ATP	282,964	422	67	169
UT5KTH	1,112,945	1692	85	220		
UB5KAW	34,768	212	34	72		
UB5KWX	11,592	220	13	33		

OCEANIA						
Hawaii						
KH6SP	1,898,546	2751	95	179		

Marshall Is.						
KX6DC	699,396	122	73	94		

SOUTH AMERICA						
Ecuador						
HC1RF	1,500,000	2146	73	167		

Netherlands Antilles						
PJ1AA	3,345,042	2824	112	290		

Suriname						
PZ1DB	1,492,608	1725	90	209		

Uruguay						
CW3BH	3,944,460	3523	121	268		

MULTI-OPERATOR Multi Transmitter NORTH AMERICA

WA2ZAA	6,743,880	3490	161	494		
W6VSS	4,788,240	2927	156	412		
W7RM	3,074,552	2189	139	342		
W3WJD	3,275,100	2130	141	399		
W3GM	2,763,950	1761	141	389		
K6UYC	2,237,625	1688	144	315		
K4CC	2,018,506	1498	127	352		
W6ISA	2,003,157	1595	137	302		
W3GN	1,779,460	1378	124	337		
WB6GHU						
	1,679,616	1352	130	302		
K8UDJ	1,621,820	1364	118	297		
K4BVD/6						
	1,592,032	1341	134	282		
ZF1CC	1,473,531	3382	71	130		

Multi-Operator Multi Transmitter Station Operators

DL4UU: DJ1KG, DJ9CN, DL2NO, DL3BA, DL4CM, DL4FB, DL4HY, DL4WS, DL5BA, DL5GT, DL5HW, DL0MU; DJ1FC, DJ9TQ, DK1QV, DK3BJ, ET3USA; W3DNA, WASYX, WA3-FRL, WB8EEM, K4CG: K1PKQ, K1TKS, K3WUW, K4POL, K9OPF, W3JPT, WA0IYX, WB4FDT, WB4FQR, WB4GTS, K4BVD/6 & K2RBT, K6VVA, W6PNV, WA6TQK, WB6GJF, WB6QDC, K6UYC & K6YNE, VE2AKQ, VE2LO, W6CCP, W6-PG, W6IXK, W6OSU, W6PBI, W6WQ, WA6FIT, WA6ZZK, WB6PKA, K8UDJ & K1ZND, K7NHV, K8BZG, WA8LWK, LU3FA: LU1FBF, LU2FAO, LU5FEH, LU6GF, LU8FAO, LU8-FR, LU8FY, OA1BT & OA1A, OA1AG, OA1BT, OA1CP, OA1E, OA1I, OA1Q, OA1T, OA1U, OA4ACP, OH1AA: OH1LM, OM1-NK, OH1NM, OM1PI, OH1RG, OH1SS, OH1SY, OH1VR, OH1YV, OH2KZ, OH3NB, OH5SM & OH2BC, OH2BCP, OH2BQ, OH2BX, OH2MK, OH2SB, OH2WI, OH3QA, OH5-NQ, OH5NW, OH5SE, OH5SM, OH5TM, OH5TS, OH5UQ, OH5YV, PJ0DX: K1ANV, K3EST, K3NPV, K4AQO, PJ2CC, W3AZD, W3MSK, W3ZKH, W4BVV, VE8NWT: VE8BB, VE8Y, VE8HH, Ted, VS6AL & VS6AA, VS6BF, W1UOP/1 & K1UDP, W1DIL, W1ORV, W1UMC, W1WZ, W3EQA & W3ADR, W3GM & K4WUY, W3BUR, W3JSX, W3KY, W3LTV, W3NOH, WA3KEY, W3GN & K3JYZ, VE2MW, WA3GUL, WA3GVP, WA3HRV, WA3IYS, WA3JXJ, WA3LRS, W3MWC & K3JLI, K3JLK, W3WJD & K3BNS, K3HTZ, W3BGN, W3YIK, WA2-BLV, WA3FFR, W4KXV & W4YZC, WB4ODN, W6ISA: K6SDR, K6VZA, W5CWQ, W6ITY, WA6CZR, WB6OLR, WB6GOY, WB6YK, W6UJI: W6BXL, W6DQX, W6JPH, W6KMP, W6-OFF, WA6HNS, W6VSS & K6EVR, K6MQG, K6OPN, K6SEN, W6ICJ, W6QY, W6UED, W6VPH, W6A0HJ, W7OHR: W7NXH, K7RAJ, VE2DGL, WA7BVM, W7RM & W5Q0Q/7, W7YGN, W8NGO & K8EHD, W8ONA, W8ORF, WA2ZAA: K1ZVU, K2-DGT, K2GL, K2KUR, K2TXC, K2UYG, W1GYE, W2GLM, W2HH, W2IWC, W2SKE, W2SQN, WA3ATP & WA3EPB, WB6GHU & WB6NWK, WB6YNI, XW8CS & HS3AL, HS3DR,

XW8CR, XW8CW, XW8DA, ZF1CC: W4DGY, W4ZRZ, WB4-MKU, ZS5YJ & ZS5DC, ZS5EY, ZS5JM, ZS5KI, ZS5QJ, 4M1A: WB4MDO, YV1BI, YV1KZ, YV1LA, YV1OB, YV1PP, YV1SA, YV1TF, YV1WH, YV1WX, YV1WY, YV5ANE, YV5ANF, YV5BPPJ, 4U1ITU: F8RU, HB9AW, HB9XL.

Multi-Operator Single Transmitter Station Operators

CW3BH & CX1AAC, CX1BBV, CX4CR, CX9BT, DJ4Z2R & DJ9-IE, QK20G/P & DL1HC, DL1ID, DK3FZ & DJOND, DL3LU, DL8RL, DL8RM, DL2ZN: DL5ZB, DL5ZD, DL5ZH, DL5XD, DL5YP, DL4QF: DL4QQ, DL4QP, DL5CQ, DL5QQ, DL7AV, DL4RM: DL4ER, DL4RH, DK1BN, DL6UN & DJ1BV, DJ3-GD, DJ3OI, DJ8EQ, DK1UK, DK2PB, DK3PK, DK3SF, DL7-NB & DJ6QX, DL7LV, DL8CM & DL8CH, DL8FR & DL8LD, DL8FO, DL8HA & DK1MG, DL0II: DJ2YE, DJ4TJ, DL5PC, DL0JR: DL7HN, DL7OD, DL7ON, DL7OR, DL0LK: Club, DL0RCA: DJ1GX, DJ1JP, DJ1SX, DJ6AR, DK3UO, DL0NW: DL1AO, DJ3JY, DJ7IK, DJ0JX, K3DS, DL0WR: DJ4AX, DJ8SW, DJ9YI, DL0WV: DJ3GR, DJ4QO, DJ4XN, DJ6DU, DJ6NT, DJ9CE, DK1AN, DL2UJ, DL3ZA, DL6NK, DL6OE, DL8WE, DL8XI, DM0DDR: Club, EP2DA & EP2BI, WA5YKJ, W8RBI, F50J: F2QQ, F5ZK, F5ZV, FORA, F50L: Club, FG7TI/F57: PJ1JG, VE3EJU, W9ZRX, G3EEQ: Club, G3-FVA/A: G3FNM, G3SMM, G3SVM, G3VIV, G3WTF, G3XDS, G3YKJ, G3YTZ, G3KMI: G3TDL, G3VRW, G3WXC, G3WZH, G3WZS, G3XBX, G3XJM, G5AOZ, G8BQA, G8COK, G8CXZ, G3SSO: G2HUD, G3FXA, G3PEO, G3SNL, G8BNJ, G8BK, G3TFX & G3SXW, G3VUM: G3VNV, G3XIR, G3LYE, G8CQC, G3VDB, G3YOK, G3WYX & G3HTA, G3RUV, G3RUX, G3J-TV, G5YC: G3SEP, G3UML, G3VXB, G3WSB, G3WTS, G3XVM, G5AIV, G8BAH, G3YRK & G3MSSB, G5MSE & G5AMS, G5EAOR, G6W6G: W3TKZ, G3W3WG, G6XNI, HA5KB: Club, HA5KDO: HA5FM, HA5HO, HA9KOL: Club, HB9AGC & HB9AFZ, HB9AJM, HB9ALM, HB9ZL, HC1RF & HC1SG, HM1BE & HL9UJ, I1DFE: K2QFI, K7YUC, WA3MIV, WA3MPR, I1GAW & I1RGU, JA3YBF: JA3EBT, JA3FGJ, JA3KGF, JA3OLC, JA4DFJ, JA0CD, JA0VAF: High School, K2BQ & K2UYC, K3CLA: WB2WMD, WA3CUI, WA3JGN, K4LK & WA4UFW, WB4EYX, WB4IAE, WB4IAG, WB4IAK, K4ORQ & WA4VIL, K5FIO: K4FTY, WA5ICD, K6AUC & K6-HIH, K6ILG & K6AUC, K6HEM, K6HIH, K8MMM & K8EUR, K8TVD, W8LEO, WA8VCY, WA8ZKL, K8SMC & WA8QY, WB8BJI, K9CUI & K9ECE, WARQY, K9KDI & K9LTN, K9-LYA & WA9NB, WA9ZOI, WB9AMH, KA9MF: KA9EE, KA9-JS, KA9RC, KA9PP, KA9ZK, KH6SP: K5LTH, KH6KG, WA9-KZH, WA7LFD, WA8IAP, XK6DC: KX6DR, WB2SXF, K2SNG: K2SBCN, K25KD, K25KN, K25NW, LA1H: LA8UL, LA9OI, LA2T: LA1EI, LA1EK, LA3PK, LA3VK, LA7VK, LA9AL, LZ1-KSA: Club, LZ2KKC: Club, OE4SZW & OE4WBW, OE7UJ, OH2AM: OH2BBM, OH2BRR, OH2BO, OH2BS, OH2QV, OH2MQ/3: 2 Oprs, OH3MK & OH3WW, OH3YI, OH4RH & OH4RF, OK2KOS: Club, ON4UN & DK1FW, G3XVY, OZ-HAM: Club, OZ9CR: 2 Oprs, PA0HBO & PA0HOR, PA-1555, PJ1PT: 5 Oprs, PJ1AA: PJ2AR, PJ2CA, PJ2CB, PJ2CR, PJ2CU, PJ2TV, PJ2VJ, PJ9VR, PZ1DB & PZ1CY, PZ1DD, SK3BP: SM3BUS, SM3DNI, SM3EV, SK6AW: SM6CJ, SM6CKS, SM6CKV, SM6CVE, SM6EJ, SM6TM: SMOAXN, SMOZLD, SMOEGE, SMOEIE, SM5FC, SM5AZ & SM5BG, SMOATN, SMOAC, UA2KZB: UA2AEI, UA2WJ, UA2-12546, UA3KA: UV3CC, UV3CO, UV3BO, IU6BK, UA4KED: UA4-KED: UA4-14829, UA4-14833, UA4-14834, UA9KAX: UA9BB, UA9BE, UA9AK, UV9DP, UW9AF, UW9BC, UW9BY, UA9-1656, UP2PKI: UP2KBC, UP2MAD, UP2MC, UP2OE, UP2QO, UP2PX, UP2QA, UP200 & UP2CY, UP2KNP, UP2NK, UP2-OX, UQ2KAA: UQ2AO, UQ2ON, UQ2PN, UQ2-0371, UR2-KQD: UR2-083-700, UR2-083-701, VE2UN: VE1JN, VE2CDV, VE2FDV, WA2UPC, VE3HPH: VE3BAP, VE3CEZ, VE3CRG, VE3CX, VE3GJI, VE3LX, VE3ZN, VE4AA: VE4AE, VE4AS, VP2VP: VE3ACD, VE3GMT, VP2VI, W1BGD/2 & K2DXV, VE6AKV, VE6ALS, VE6AWF, VE6AWV, VO2AP & VE1ST/VO2-VE6XJ, Ross, VE6AUT & VE6AA, VE6ABZ, VE6AI, VE6AID, VE4TJ, VE4Z3, VE6ADX & VE6AEV, VE6HN, VE6SB, VE6TL, VE4BJ, VE4IM, VE4MP, VE4RP, VE4SA, VE4SD, VE4SK, K2JWM, W3GRF & W3IAQ, W4RVE, W3NZ & K3YOV, W3SS & W3EAN, W3LRO, WA3JLT, WA3LRN, W3TV & W3A0H, W3WV, W3UHN, W3WPG & K3WJY, WA4XE & K4YBE, WA4EEV, WA4GVO, WA4PXP, WA4ZGI, WA4HOS & W4FR0, W5RER & W3JXS, W5TKB & W5EQT, W5KTR, W4OBS, WA5-SGD, W6BIP & WA6JUI, W6DOD & W6KG, W6GNJ & K6YRA, W8IPA & WA8FJA, W8MLK & W8BDO, WA8DCH, W9ARV & W9DY, K9WEH, W9LJK & W9AQW, W9ICE, W0HP & W0PAN, W0YCR, WA3FJX: 6 Oprs, W4A0PL: WB4EQK, K4TJO, WA5VPZ & W5CCF, WA5STJ, WA5VCO, WA6UFT & WA6IQM, WA6WJG & WB6BZK, WA0CJU: K0UYN, WA0-MVO, WA0PMM, WA0MLE & KODDA, WA0HVR, WA0NLF: 10 Oprs, W6BIT & W6LEX, WA6BWG, WA6PNN, W6E-PNN, WB6VJ, WB6VZI, WB6ZIN, WB8BEG & WB8AEO, WB8AG, WB8BUP, WB8BLA & WB8CLX, XE1WS & XE1KS, XE1GGV, VE1LM, YU1BCD: YU1PCF, YU1OBC, YU3EY & YU3EJ, YU3TGR, ZS5OA & ZS5OB, ZS5PWX: Club, Z30-PZJ: Z31BT, Z31CQN, SP1DKV.