

# Results 39th ARRL International DX Competition



G3KMO

Reported by Rick Niswander,\* WA1PID/WA8VRB

*Webster's defines alligator as, "Either of two crocodilians (genus Alligator) having broad heads not tapering to the snout. . ." However he fails to mention the one definition of alligator that applies to radio contests, especially phone contests. We are, of course, cognizant of the fact that Webster wrote his book of words years prior to the advent of spark so we will forgive him his momentary clairvoyant lapse and present here another definition of alligator. From V.Y. Senny Tree's Diminutive Dictionary of Radio Terms comes, "Alligator: Those individuals that, during a contest, are all mouth and no ears." Surely each one of us has run across an alligator or two (or more) in our DX Contest endeavors. Most of us, at one point or another during our lifetime, could be classified as an alligator, albeit a small one. It is the big alligators, those that constantly call out of turn or while the DX is transmitting, those that, in effect, cause general consternation (this is a family magazine) on the air, that we need to work on. It is only by a large infusion of good operating practice that these types can be toned down. If we all try to shed our alligator image and replace it with one of. . . well, . . . an "all ears" elephant, the piles will be better for all. Are you an alligator?*

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THE 39th INTERNATIONAL DX Competition, held in February and March 3-4 on phone and 17-18 on cw, was marked by good openings on cw and horrible conditions on phone. When was the last time that a U.S. station with slightly less than one megapoint would have placed in the Top Ten on phone? Last year he would have snagged 25th with a score like that. The second phone weekend seemed to suffer the most although the first was nothing to jump-up-and-down about. On cw the opposite was true. The March merry-go-round provided some nice openings. Things are slowing down. Oh, how I long for release from the valley of the 11-year heartbreak, kid - a return to the days of wine and sunspots. Don't you?

There were three items of major import that merit comment on the DX front. On phone, XE1IIJ (disguised as 6J9AA) fortified himself with ice water, cough drops and an understanding wife to obliterate the DX phone record in another one of his normal outstanding performances. Scott had over 10,600 QSOs before dups. After duping he just missed 10K QSOs and 9 million points . . . Gad! That record should stay around for awhile. How does he do it, you say, when conditions are so bad? Well, when Europe and JA don't come in very well people turn their antennas

The crew of the top German multiop, DL0WW, got together away from the rigs for this group shot. Standing (l to r) DC6FF, DA1NL, DJ6DU, DL6NK and DJ4OU. Sitting (l to r) DL3ZA and DA1ED. Another one of the ops, DK7FO, is not shown. The group produced a fine third place phone showing among DX multiops.

south and, lo and behold, there is 6J9AA (or whatever) – 40 over 9.

On cw KH6RS (with K2SIL at the paddle) broke the 5 million point barrier for the first time to set a new mark for those in future years to shoot at. Numerous antenna improvements over the past few years have helped increase Bill's totals.

Aided by a multiplier of 38 on 160, KV4HW, operated by W6OAT, set a new DX multiplier high of 316. Not bad for only dipoles and a vertical. Only two others have broken the 300 mark – KP4AST on phone in 1970 and KH6RS on cw this year – both with a total of 302. When you consider that DX can only count states and provinces, not sections, making 56 the highest total obtainable on any band his multiplier total looks better and better.

Other notable-notes. . .

HZ1HZ surprised many a contestor (your scribe included) by showing up for considerably more than a token effort. Ahmed racked up a fine second place Asian showing.

With the movement of TI2DX to more southerly DX-pastures you might think that TI would become a rare cw-type multiplier. Ah, not so. TI2WX, who has rattled the DX Contest airwaves for a number of years with his 75 watts, will be around to gladden the hearts of many.

If you have ever wondered who LU5HFI is, never fear – the answer is here (ouch). That's Fred Laun who has stirred the DX Test ether from other spots such as HI8XAL, HS3AL and HS5ABD. Fred always seems to do quite nicely (that's putting it mildly) but can't quite compete in signal strength (he's over 4000 miles away) with those in the northern reaches of South America.

W9PNE is continuing his cw QRP contesting. Brice used five watts during the first weekend to the tune of 12 countries and 4 continents. During the March fling he employed a 6AU6 running ½ watt input with a 536 foot center-fed at 45 feet and knocked off 27 QSOs in 17 countries and all continents with his QRPs sand squasher.

YV5KL, who snags a cw Top Ten spot almost every time out. Gregorio, who grabbed fourth worldwide this time around, had to settle for second place South American honors. He won the South American plaque in 1964 and 65 as YV1DP, in 1971 as YV5KL and in 1972 as 4M5KL. Keep up the good work, Gregorio.



After retiring a short while ago GM6RV, with a little more time on his hands, continued the country topping performance that he had abandoned after his GM-winning scores in 1934-35-36.

Speaking of old-timers, F8VJ, active since 1927 and a member of the ARRL since 1935, submitted his 29th DX contest log this year. Anyone beat that?

The group that went to 6Y5EE made a nice one weekend cw showing. That marks the first time a major effort was put on from Jamaica since the big multi-multi 6Y0A operation a few years ago. The two 6Y5EE ops must have been real dedicated contest-types. Look at their card and you'll see what I mean. Those aren't radios, guys.

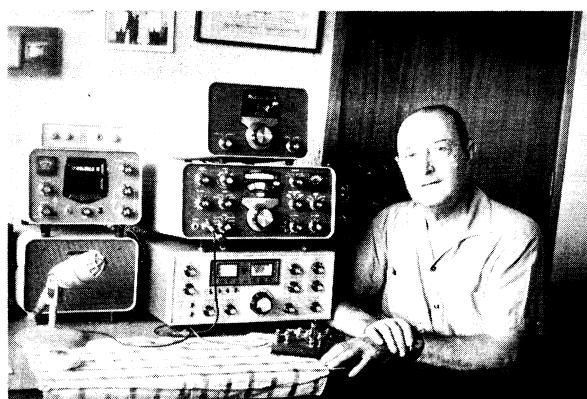
Megathanks to all the hard working DX stations that get on for a few hours or travel to rare locations to give DX hungry operators on this side a chance for a new country or two. Your efforts are much appreciated.

Returns followed the downward conditions, dropping to 2107. Phone logs, as was to be expected with the poor conditions, dropped over 250 to 819. Cw logs dropped only slightly to 1150.

#### 1974 ARRL DX COMPETITION

Phone: Feb. 2-3, Mar. 2-3

CW: Feb. 16-17, Mar. 16-17



## TOP TEN

Single Operator				Single Operator			
CW		DX		Phone		Phone	
W/VE		DX		W/VE		DX	
K1NOL	2,020,977	KH6RS	5,074,506	W7RM	2,523,456	6J9AA	8,937,708
K1LPL/3	2,004,966	KV4HW	4,601,592	W6RR	2,104,290	4M4AGP	5,972,763
W1BPW	1,985,568	PJ2VD	3,456,810	W1YK	1,662,210	KZ5JF	4,186,470
W1YK	1,927,002	YV5KL	3,143,265	K1JHX	1,440,656	XG1J	3,855,996
K1DIR	1,802,808	KH6IJ	3,072,456	K1VTM	1,314,240	LU5HF1	3,447,048
K1VTM	1,754,784	LU5HF1	2,915,634	K1THQ	1,159,191	VP2MY	3,166,380
W2GXD	1,716,639	TI2DX	2,690,019	W4ZCY	1,141,200	KH6IJ	3,085,638
WA1RCP	1,637,808	KH6IAB	2,482,944	K6SVL	1,108,665	KH6BZF	2,868,478
WB4YOJ	1,605,240	9Y4VU	1,978,362	WB4YOJ	1,095,342	9Y4VU	2,826,456
W2DXL	1,528,866	EA2IA	1,615,700	WA0CVS	969,918	CE3AQW	2,751,972

Check logs numbered 138. Awards are scheduled for an October 15 mailing.

Choosing the "Log-checkers Friend" award, commonly known as "The Golden Pencil," was a most difficult task this year. Many recopied their logs to make them extra-readable. Some included dupe sheets and other such helpful aids for crosschecking. However one log, that of 8P6DR, comes out on top in the final analysis. Richard retyped his log, enclosed dupesheets and recap sheets and made a clean, clear and attractive entry. This will be Richard's last year in Barbados. By now he has packed up his radios and trotted on

back to Ye Olde Englannde. Next year he will be around at G3RWL or some other DXØTIC spot.

A few have asked, and many must have wondered, what "The Golden Pencil" award is all about. It was an idea cooked up in my fertile mind while watching a particularly dull ad on the TVI machine. Why not, I said, give those hard working DX stations that make oodles of QSOs and spend even more oodles of time making a neat entry something for their effort? How do you get it? Glad you asked. Since this is not an official League award and is done by yours truly when a particular log strikes my fancy the requirements for the

## AFFILIATED CLUB SCORES

Club Scores	Entries	CW Winner	Phone Winner
Frankford Radio Club(Pa.) . . . . .	42,610,394	78	W2GXD W2EHB
Murphy's Marauders(Ct.) . . . . .	39,266,912	82	W1YK W1YK
Potomac Valley Radio Club(Md.) . . . . .	37,048,163	91	K1LPL/3 W4ZCY
Southern California DX Club . . . . .	14,346,861	35	W6RR W6RR
Western Washington DX Club . . . . .	13,360,785	46	W7SFA W7RM
Northern California DX Club . . . . .	12,549,039	66	WA6CXK WA6NYV
Richardson Wireless Klub(Tex.) . . . . .	9,389,709	19	W5EQT W5SZ
Northern Illinois DX Association . . . . .	6,845,427	22	W9BZW W9OHH
North Jersey DX Association . . . . .	5,432,180	23	W2YT W2HTI
Northern California Contest Club . . . . .	4,589,775	8	W6NUT . . . . .
Golden Triangle DX Club(Fla.) . . . . .	3,826,728	9	K4THA W4YK
Indy DXers(Ind.) . . . . .	3,801,318	14	WB9BPG K9CUY
Oak Park Amateur Radio Club(Mich.) . . . . .	2,867,148	5	W8ROF . . . . .
Texas DX Society . . . . .	2,844,246	6	. . . . . W5SBX
Central Virginia Contest Club . . . . .	2,490,171	13	W4ZSH W4OCW
Nights of the Roundtable(Md.) . . . . .	2,477,631	7	WA3LHG . . . . .
South Jersey Radio Association . . . . .	2,420,025	19	W2FYS K2AA/2
Twin Cities DX Association(Minn.) . . . . .	2,227,926	6	W0HP . . . . .
Minnesota Wireless Association . . . . .	1,665,846	8	. . . . . WAØPRS
Southeastern DX Club(Ga.) . . . . .	1,523,593	21	W4DXI K4EZ
Columbus AR Association(Ohio) . . . . .	1,142,337	15	W8ZCK W8ZCO
Southern Counties AR Association(NJ) . . . . .	684,903	7	W2HBT W2GOF
North Alabama DX Club . . . . .	514,266	6	. . . . . K4BYM
Delta DX Association(La.) . . . . .	474,546	7	W5OB W4SYL/5
Westpark Radiops(Ohio) . . . . .	430,038	5	. . . . . WA8YWX
Buffalo Area DX Club(NY) . . . . .	350,427	14	WA2MBP WB2AIO
ARINC Amateur Radio Club(Md.) . . . . .	319,296	7	W3PWO . . . . .
Sharon AR Association(Mass.) . . . . .	166,578	5	WA1MYK . . . . .
Steel City Amateur Radio Club(Pa.) . . . . .	88,974	6	. . . . . W3SDV
Parma Radio Club(Ohio) . . . . .	46,074	9	. . . . . W8SUS
Chicago Radio Traffic Association(Ill.) . . . . .	.22,032	4	W9REC . . . . .
Lake Success Radio Club(NY) . . . . .	6081	3	. . . . . W2YKQ

Still smiling (for some strange reason) is W6OAT, operator of KV4HW, who racked up 4.6 million cw points — top North America and second spot worldwide. The stick in the background is the 40/15 meter vertical. Rusty used to sign K4BVD from Georgia a few years ago.

award are more stringent than required under the normal rules. My guidelines are:

- 1) Medium to large foreign logs are eligible.
- 2) QSO legibility is a must.
- 3) Clean logs with dupesheets, various summary sheets and other aids for the bleary-eyed contest checker will win over exquisite logs without same.
- 4) It must be plainly obvious that a large helping of time and effort went into the submission.
- 5) Only a completely duped log will be considered.

6) The eventual winner must have an entry that is outstanding in comparison to others.

There. . . you now have something to shoot for.

If you earn the big award you don't get extra points or win a free 10-year supply of logsheets but you do get our undying gratitude and your call printed more than once in *QST*. Now — isn't that enough?

## SOAPBOX

### 599

I herniated an intervertebral disc which had me pretty well crippled and therefore I couldn't travel to Sint Maarten and there was no PJ8AA or VP2ES in this year's competition. So, please find enclosed my token log for operation from W2BBK to be known as the PJ8AA Memorial Log for 1973. Wait 'till next year. — (W2BBK). The contest was a real blast, especially when the electrolytics in the SB-200 exploded with enough force to bulge the



top of the cabinet up over an inch. — (WA4EMS). The pileup after me on the first Sunday evening, on 20, was the biggest I've ever heard and, believe me, I've had some heavy ones in my time. Just one CQ at the beginning and it seemed as though every licences W and VE, and then some, were calling me. Felt like crawling away and hiding under the table. On the second Sunday a similar thing happened and then some thieving %+!†\$%\*@\$ stole my pileup. One minute they were all there — next minute no one calling me. They were all up 5 after someone else. . . couldn't make out the call though. I wonder if this could be made a Federal, extraditable, offence? — (8P6DR). Enjoyed a few glimmers of hope to Europe on 80 but what happened to 10? — (W6ANN). As usual the XYLs birthday on the first weekend and our 28th anniversary on the 2nd weekend crimped my style. — (W6NKR). Many years of harping by you about DX stations signing more frequently and about W/VE stations giving both calls seems to have had little effect. — (VE5TT). Still lots of fun for smaller guy on cw. — (VE6AVO). No new babies, no broken 20 meter elements, no jammed rotator this year. Murphy must be saving it all for next year. — (W3YIK). It's great to be back in the DX Test. — (K3JGJ). I would have operated more hours but the weather turned good so I went out and enjoyed it. — (WA7CWM). It was a real bummer in the Novice bands. — (WN7TDZ). Very

Minutums Band	30	50	80	70	30	Minutums Band	30	50	80	70	30	Minutums Band	30	50	80	70	30	Minutums Band	30	50	80	70	30
	80	40	20	15	10		80	40	20	15	10		80	40	20	15	10		80	40	20	15	10
V01AW	35	29	51	53	33	W2HO	34	45	61	51	19	W3VT	55	62	68	78	45	W4SJM*	33	60	83	87	36
VO1KE	35	42	44	37		W2HTI	35	49	66	61	12	W3YIK	44	48	71	67	38	WASLES*	56	69	83	86	48
VE2NV	34	43	63	56	27	W2HUG	32	46	46	48	17	W3YXM*	28	41	71	69	34	WASZNY	23	30	70	66	32
VE3CSZ	23	25	69	73	3	W2LWI	32	3	25	22	22	W3ZSR	8	10	56	74	13	WBSDIZ	60	62	34	30	
K1DIR	58	65	82	81	47	W2MBS	36	30	3	7	8	W4ATX*	44	57	84	77	30	K6DC	6	55	49	34	6
K1DPB	25	46	60	64	33	W2PAU	31	40	52	51	19	W3ANNA	31	27	74	56	27	K6EBB*	24	65	80	65	24
K1JHX	38	36	78	76	45	W2YD*	54	71	81	57	22	W4CFB	42	48	74	65	29	K6NA	29	65	75	64	27
K1JYN	21	30	59	63	34	W2YT	37	63	61	60	23	W4CEF	30	36	81	67	31	K6SDR	29	71	73	71	24
K1NOL	60	67	89	74	43	W1BGD/2	31	46	54	57	12	W4TJK	30	34	74	75	16	W6ANN	40	68	89	80	32
K1NQ	42	40	73	62	26	W2BGD/2	45	49	64	61	24	W4OD	21	33	76	71	37	W6DGH	26	51	58	61	17
K1VHM	35	27	75	75	44	W2BLV*	51	68	74	75	26	W4PY	36	41	49	60	30	W6KG*	18	37	83	63	25
K1ZNZ*	59	71	85	82	46	W2A3CLQ*	54	60	74	64	24	W4QXD	14	48	72	71	25	W6MUR	24	52	61	65	29
W1BWP	61	66	82	84	53	W2BEU	30	55	81	55	24	W4T4H	36	48	79	69	43	W6NUT	31	61	70	58	24
W1FBY	48	41	65	66	34	K3BW*	51	74	74	76	17	W4HOS	38	18	42	42	23	W6IQM	31	81			
W1FLM*	46	62	81	77	34	K3HZL	40	65	75	76	14	W4WJK	12	33	60	51	34	WB6KBK*	18	60	71	62	24
W1IMX*	77	84	101	85	41	K3JH	27	55	56	58	39	W4KFC	47	50	76	63	41	W7SFA	33	57	86	61	21
W1PL	50	7	32	46		K3NPV	48	40	56	48	37	W4NQA	30	30	38	37	13	W7YTN	10	51	71	42	3
W1UU	35	46	50	40		K3YUA	62	59	75	79	23	W4QZF	46	35	33	34	24	W8BRO	24	52	61	65	29
W1YK	56	61	80	61	43	K1LPL/3	61	75	74	74	31	W4UQ	62	48	60	47	16	W8RDF	46	66	78	60	27
W7ML/1	38	56	71	70	31	W3AFM	109				32	W4WJH	62	80	100	103	20	W8SH	60	69	94	77	34
W7WII	42	12	52	38	11	W3DQG	34	46	80	72	31	W4ZHI	21	37	68	64	30	WB8FQS	31	40	44	60	33
W7YKV*	43	53	65	65	22	W3EWT	49	57	79	64	36	W3FAY/4	35	60	69	70	29	K9CUY	42	45	66	70	31
WA1PID	26	56	76	74	37	W3FRY	67	81	105	90	37	W4WUKU/4	34	33	39	44	28	K9DWK	31	52	42	40	
WA1RBR	52	56	75	57	27	W3GHD	38	10	26	22	16	W4BAGV	59	52	77	41	6	W9BZW	23	44	77	78	18
WA1RCP	55	67	80	70	26	W3GMM*	67	78	82	94	23	W4ANRJ	4	4	65	78	17	W9DOO	19	51	47	62	28
WB2CKS/1	59	57	41	33	17	W3GPE*	64	54	74	56	23	W4ASGV	30	34	55	61	27	W9EXE	52	50	70	65	21
K2BK	33	47	67	57	26	W3GRF	74	76	86	99	29	W4YOJ	56	62	74	79	41	W9IRH	26	33	65	72	30
K2FL*	42	53	67	65	32	W3GRS	41	52	75	54	19	KSABV	47	35	39	48	21	W9LVH	58	13	24	1	
K2FT*	18	58	60	61	20	W3KT/1	13	46	72	70	34	K3RJF	19	67	61	67	33	W9OHH	20	40	69	70	36
K2MM*	28	51	70	68	25	W3MFW	37	49	65	61	22	W5AO	23	25	37	35	11	W9WFB	20	16	60	11	32
W2AZO	31	47	58	54	23	W3N2Z	52	67	66	71	27	W3ET	37	53	71	75	37	W9BPB	16	57	103	93	50
W2DXL	47	56	75	57	27	W3N2Z*	52	67	66	71	22	W3ET*	67	80	98	80	48	W9HP	33	63	78	68	24
W2GGE	58	65	82	70	39	W3QOR	34	50	47	59	27	W3SLUJ*	43	69	76	74	22	W9ACVS	29	53	61	64	19
W2GXD	56	56	74	59	27	W3SS*	54	70	98	93	31	W3SSX	42	58	66	72	43	W9ENP*	32	63	76	67	31
W2HN	34	21	12	11	13	W3TV*	30	42	77	76	49	W5WZQ	48	65	83	76	36	* Multioperator Station					

## DIVISION LEADERS

### CW

### Phone

<i>Single Op.</i>	<i>Multiop.</i>	<i>Single Op.</i>	<i>Multiop.</i>
K1LPL/3	W3AU	Atlantic	W3EZT
WB9BPG	W9EXE	Central	W9EWC
W0HP	WA0ENP	Dakota	W0GYH
K4SXD	WB4LDT	Delta	W4SYL/5
W8ROF	W8SH	Great Lakes	WB8DKB
W2GXD	W2YD	Hudson	W2MB
K0DDA	WA0EMS	Midwest	K0SGJ
K1NOL	W1MX	New England	W1YK
W7SFA	W7FR	Northwestern	W7RM
W6NUT	K6EBB	Pacific	WA6NYV
WB4YOJ	K4CFB	Roanoke	W4ZCY
WA0CVS	.	Rocky Mt.	WA0CVS
K4THA	K4PY	Southeastern	W4YK
W6RR	W6ANN	Southwestern	W6RR
W5WZQ	W5KFL	West Gulf	W5SZ
VO1AW	VE4JB	Canadian	VE2AYU
			....



Our only Thailand cw entry is HS3AII, Dennis, who signs WB4DVO when in the States.

sobering experience operating with dipoles after running things from W7RM on phone. Whew! — (K7VPF). Four equipment failures including a fire in the exciter during the first weekend. Thank goodness there are two weekends. — (W0ENP). Long live the 40 meter rhombic, . . now if it could only rotate. — (WA0EMS). The second weekend coax to the beam was shorted, fixed that. Then the antenna caught fire, fixed that. Found bolts on the rotor were stripped. When I tried to go to the hardware store for new bolts my car battery was dead. Only in amateur radio. . . — (WA3NYU). Murphy took my new rotator down at end of first weekend. Worked like mad to get it going by second weekend but ice storm froze it solid. Does anyone have a tank turret engine for sale? — (WB9BPG). [If that doesn't give you a booming signal nothing will. — Ed.] Nothing like a DX Test to bring ones paranoia to the surface. — (W4UQ). I was surprised that my 2½ watts and simple receiver worked as well as they did on 20. — (W5JFB). Why do so many good operators on the HF bands become such lids on 80 meters? They never stop calling. — (W2AO). My opinion that the cw standard of operating in the U.S.A. is world-high was again my impression of this contest. Like your general driving ability and manners on the road, the discipline and good management was great to find. — (G3KMO). I like my regular night's sleep as well as the after lunch nap so will never make a big score. — (VO1AW). Hoped to spend

Minimums	30	50	80	70	30	Minimums	30	50	80	70	30	Minimums	30	50	80	70	30	Minimums	30	50	80	70	30		
Band	80	40	20	15	10	Band	80	40	20	15	Band	80	40	20	15	Band	80	40	20	15	Band	80	40	20	15
K1CPF	22	34	86	85	39	K3WVW*	14	101	61	28	K1KNW	5	3	36	75	25	W6RJR	37	52	85	87	48			
K1LPH/1	30	39	87	83	21	K1LPL/3	22	34	78	28	W4ORT	22	33	83	82	33	WA1AHF	3	18	31	38	33			
K1LPHX	34	30	110	80	29	W3ALC*	6	32	48	21	W4OZMK	6	15	46	38	38	W4AGOM	1	8	31	33	81			
K1THQ	45	39	87	95	5	W3AU*	72	92	160	139	W4QBK*	26	59	107	105	44	W7RM	39	49	105	81	33			
K1VTM	24	44	99	99	30	W3BWZ*	27	39	108	91	40	W4WSF	25	34	92	82	36	W7SFA*	53	60	113	73	46		
K2LQO/1	10	14	86	38	6	W3CRE	32	19	83	67	27	W4YK	40	27	62	114	61	W7VRO*	20	41	86	62	21		
W1ARR*	57	46	94	95	33	W3DBT	32	32	93	74	36	W4ZCY	38	38	90	100	33	K8AXG	12	29	61	72	21		
W1FBY*	51	45	111	90	39	W3DHM*	34	62	98	102	44	W4ZSH	11	6	64	72	33	K8HLR*	53	67	113	98	30		
W1MX*	70	52	121	89	26	W3EZT	38	37	108	82	38	W4BNRI	10	16	47	93	24	W8KGG*	16	28	69	73	13		
W1YK	55	47	100	90	38	W3FRY	55	72	133	114	52	W4BSJ	10	27	69	85	32	W8OKF	8	8	81	51	25		
WA1ION	32	16	41	63	20	W3GPM*	54	60	96	113	40	W4BTPU	16	29	83	78	17	W8TWT	26	43	67	62	25		
WA1KZE*	41	41	95	95	33	W3GPE*	68	62	117	114	39	W4YOJ	39	51	89	94	38	W8ABUF	2	14	20	52	30		
WA1KID	25	35	57	89	39	W3GRS	20	36	57	79	23	W4ZFB*	23	40	92	103	25	W8WDXW	15	32	88	64	13		
K2FL*	38	43	104	99	31	W3KAV	31	27	57	92	44	W5MYA	3	10	13	35	24	W8BDKB	24	30	78	93	4		
K2FT*	11	20	77	71	27	W3KTX	3	37	74	92	44	W5NMA	19	45	74	73	23	W8WICV*	24	3	37	37	26		
W2DT	30	36	72	16	16	W3NX*	34	41	74	69	51	W5QBM	21	47	69	84	48	K8CUV	32	41	70	74	27		
W2EHB	20	17	79	88	32	W3QOR	23	30	60	71	26	W5SZ	51	44	86	91	35	W8DOB	17	50	68	76	26		
W2FZJ	58	22	8	16	11	W3SS*	18	20	94	89	28	W5JMK*	38	40	83	90	35	W8EWG	32	41	88	72	27		
W2GXD	24	24	62	54	32	W3VT	39	48	81	91	28	W8SDTX*	45	65	103	106	49	W8EXE*	53	61	101	98	31		
W2HTI	37	35	89	85	29	W3WJD*	71	74	117	126	52	K6EEB	37	53	91	81	47	W8IRH	29	24	70	83	27		
W2MB	37	46	92	84	38	W3ZSB	8	12	62	78	17	K6SDR*	29	38	58	65	33	W9IY	23	37	87	76	26		
W2RAD	17	28	79	74	34	W3ATXA*	30	41	93	91	37	K6SEN*	50	66	99	92	50	W9OHHI	20	50	85	81	27		
W2YD*	36	33	49	54	2	W3ALHC*	37	36	101	114	46	W6SSJ	5	13	25	18	36	W8SFR	15	7	48	74	23		
W2YT	34	40	63	79	43	W3ANNA	13	31	67	87	22	W6SVL	12	34	66	65	36	W8RA	98	98	98	98	23		
WA2BLV	21	29	56	38	2	K4EAB	2	76	25	25	25	W6AHI	12	12	46	58	32	W8APM	7	27	55	70	23		
WA2CLO	41	41	78	72	29	K4KXJ	6	11	60	78	28	W6EGH	29	35	73	70	39	W8DRE	11	39	73	78	3		
WA2LQZ	23	21	36	63	60	K4EZ	23	21	65	80	31	W6EGK	42	48	78	82	35	W8HZ*	15	36	78	79	23		
WB2AIQ	17	12	63	73	16	K4TIG	35	36	101	114	46	W6GNC	19	26	71	59	39	W8MYN*	24	39	74	75	37		
K3BW*	52	67	108	108	107	W4BV*	62	73	139	107	107	W6MAR	30	15	10	11	4	W8ACVS	27	58	70	70	32		
K3HZL*	38	49	94	95	38	W4KFC	3	11	78	96	18	W6ONV*	18	32	74	70	35	* Multioperator Station	21	31	52	76	20		

## DX CONTINENTAL CHAMPIONS

CW			
Single Op.	Multiop.	Single Op.	Multiop.
5T5CJ	.	Africa	ZS6DW
JA1CWZ	JA9YBA	Asia	JA2IYJ
EA2IA	SK6CF	Europe	CT1BH
KV4HW	6Y5EE	N.America	6J9AA
KH6RS	.	Oceania	KH6IJ
PJ2VD	LU2DKG	S.America	4M4AGP

more time but had inspectors from Washington who had to be wined and dined on the second weekend. — (LU5HFI). Many thanks for my first ARRL Test after 34 years of hammering. — (LU6EF). Modern Chinese torture — listen to power line leaks for 78 hours. — (KH6RS). Bands were only open 2 or 3 hours each day so conditions were rough. — (HS3AI). Very happy to catch new states on 40 meters. — (JR1BRV). I enjoyed it but my TX had a trouble. — (JA7KXD). Not only worked my first VE8 but also worked 7 new states. Really had a good time. — (OZ6PI). Nothing really worked except my 40 meter antenna. During this contest I made my 5000th stateside QSO. — (SM7EAN). Too many duplicates. Avoided many further ones by keeping a check list and telling the calling stations that we had worked before. Also, still many copy our call sign as SPSPW only. . . . — (SP5PKW). So, once more, we have gone through the excitement of this wonderful contest which is, in my opinion, the best among the major international amateur contests. — (YV5KL). For my first contest I had a lot of fun. I tried both phone and cw but the bands were so poor and the competition from the Europeans so great that I was not able to work any stateside stations on phone; only on cw. — (5B4AM). I still wonder how you can pick the weekends when conditions are good. The one following March 17-18 was terrible and conditions remained poor for at least a week. — (VE7HQ).

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It is somewhat shattering to know how small your signal is when you get into a pileup and don't recover. — (W6BVN). I really do QSL 100%. How about the Ws sending some back? I sure need those counties and would like to dream of a 5BWAS. — (VK4VU). The bottom fell out on 10 meters this year. So did the XYLs patience with my operating both modes all four weekends. I'll be sticking to cw next year. — (WB4YOJ). Nice little contest you people run. — (WA1JUY). The number of operating hours is inversely proportional to the attendance of Murphy. 62 out of 96 hours says it all. — (WA1JLD, opr. of W1YK). Struggled out of sick bed to give the second weekend a good effort and blew the diodes in the power supply. — (K9VQK). Boy, did Murphy hit this year! We even lost the 20 meter tower two hours into the first weekend due to a local freak storm. — (W3WJD). The high voltage supply started arcing over in a spectacular display of fireworks. After shutting off the amplifier I decided the trouble shouldn't be too hard to find because of the horrible smell. My deduction was correct. A close inspection showed a poor field mouse that came in to escape the rain storm had decided to take a walk on top of the electrolytics. This, needless to say, was a fatal mistake. — (K4BW). Blah, Blah, Blah. — (W6PM). No equipment failures for first time but spent one night handling emergency medical traffic. Murphy has devious ways. — (K6SVL). Imagine the nerve — working DX with 2½ watts amongst all those linear. — (K6GKU). Conditions were very poor making it very difficult to get through the European curtain. I'm afraid that Mauritius is no DX paradise. — (3B8CV). What a shambles (3,775 to 3,800). Continuous CQ calling and listening up or

## QRP CHAMPS

*(150 Watts or Less at All Times)*

CW	Phone
K2MFY	398,076
WB4SGV	344,655
W2HUG	267,900
W1FNW	237,888
K5ABV	214,809
WB8FOS	177,216
WA2RJZ	175,980
WA2HAI	123,750
W3ARK	119,016
WA3KOS	110,670
W4WRY	162,966
VE1ANZ	148,248
WA7QCC	142,500
WA1NII	77,256
K5YRK	75,516
WA1KKM	54,372
K2MFY	48,594
W1HWM	48,057
WB0FLT	22,260
W6YKS	21,384

down made direct contact impossible. I went to bed. — (GW3NWV). Lousy conditions both weekends. Worked W7RM on 21 as only West Coast station there with 44/33 sigs. — (SM6CKU). Running one watt DC input I was quite thrilled to receive a 56 from 6J9AA on 10 meters. — (WB2OIL). I sincerely hope that our brother hams will learn that ears are more important than a mouth in working DX. — (W2MOY). Would have liked more 21 MHz QSOs but most U.S. hams seemed intent on working Japan for quick score build up. — (VK2WD).

## Thirty-Ninth ARRL International DX Competition

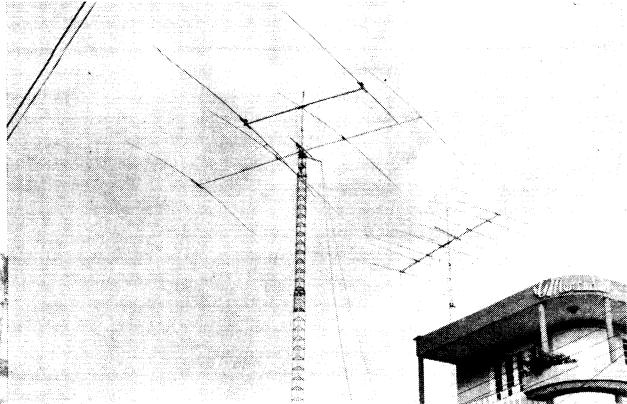
W/VE scores are listed by call area; DX scores are listed alphabetically by continent and prefix.

**Awards:** The operator of the first-listed single-operator station in each section or country is the winner for that area and receives a certificate award. The top-scoring multi-multi and multi-single in each area also receives a certificate award. Awards are scheduled for an October 15 mailing. The top-scoring single-operator DX entrant for each continent each mode, receives an engraved plaque. Affiliated-Club awards are shown elsewhere in this article.

**Scores:** In the list to follow, read (from left to right): call of entrant, final score, multiplier (total countries per band for W/VE; total states and Canadian call areas per band for DX), contacts, approximate dc power input (A represents power up to and including 150 watts; B, over 150 and up to and including 500; C, over 500; D, combination of A+B; E, A+C; F, B+C; G, A+B+C), total time of operation to the nearest hour. Example: A2CCY 1,064,049-161-2203-A-50 indicates final score of 1,064,049, multiplier of 161, contacts 2203, power up to and including 150 watts, operating time 50 hours.

An asterisk following a call denotes an ARRL Hq. staff member, ineligible for an award.

DX PHONE		Multi-Multi										Belgium				Cayman Islands					
<b>AFRICA</b>		DLSAY (DA1s FE HF JR TW WX DA2LJ DK8FZ)										ON4XG	13,464- 44-	102-B- 7	ZF1BR	132,210-113-	390-A-32				
Botswana		981,564-157-2084-F-48										OZ5ME	2958- 17-	58-A-10	ZF1JS	12,255- 43-	95-A-10				
A2CCY	1,064,049-161-2203-A-50	Spain										OZ3PO	720- 12-	20-B-	6J9AA	8,937,708-299-9964-E-76	Mexico				
CN8BO	107,640- 78- 462-A-	EA5AX 98,955- 41- 733-C-12										OZ8T	390- 10-	13-A- 3	XG1J	3,855,996-276-4657-C-57	Barbados				
CR7GJ	Mozambique	F3KW 124,998- 83- 502-B- 6										PAØLVK	10,998- 39-	94-B-	XE1LLS	2,486,055-247-3355-B-	OCEANIA				
CR7RM	341,868-124- 919-C-	Multi-Single										PAØVP	2040- 17-	40-B- 5	8P6CY	366,903-107-1143-B-25	Guam				
Canary Islands		F6KAW (F1BLW F6s AOJ AUO BPW BPX UAW)										SM6CKU	341,721-129-	883-B-48	KG6JBO	886,854-158-1871-C-41	Hawaiian Islands				
EA8CR	326,457-113- 963-B-	England										SM5DJZ	66,990- 70-	319-B-16	KH6JJ	3,072,456-278-3684-E-68	Marshall Islands				
South Africa		1,460,700-180-2714-B-96										SM6ADW	62,220- 61-	340-B-	KH6BZF	2,868,478-239-4002-C-64	KHM6 (K2IL, opr.)				
ZS6DW	1,656,600-200-2761-B-44	G2QT 476,952-136-1169-A-48										SM7BXK	1674- 18-	31-B-	KH6AB	2,056,188-244-2809-C-35	247,983-131- 631-A- 6				
ZS3CJ	456,650-129-1180-A-	G2FNK 108,204- 71- 508-C-20										SK5AA (SM5s ACQ EFX ESP)	12,852- 34-	126-B- 9	WØBWJ/KH6	2304- 16- 48-B- 4	Australia				
ZS6FN	158,400- 88- 600-B-12	G3YBH 53,694- 57- 314-B- 8										SK6AW (SM6s CJK CKS CNX CPO CVE OD)	265,860-105-	844-B-	KX6BB	245,025-121- 675-B- 9	Chile				
3B8CV	Mauritius	G5AWX 8748- 27- 108-A-10										SP5EMM	1014- 13-	26-A-	KX6JS	702- 9- 26-B- 3	Colombia				
75,465- 65- 387-C-15		G3YTU 3564- 18- 66-F-										SP5DOI	594- 11-	18-B-	HK3LT	194,346-118- 549-D-18	Argentina				
ASIA		Multi-Single										G4ANT (G3s IOR JOC LDI MPN SEM VZT)	1,821,232-196-3106-B-96	1,821,232-196-3106-B-96	SP9KRT (multiop)	157,183-113- 464-A-	Bolivia				
Thailand		G4UBR (G3s UID UJE ZZI G4BTY)										G4AXL (G3s SJX UFY WRR XJO)	1,177,344-168-2336-C-45	1,177,344-168-2336-C-45	CE3AQW	2,751,972-212-4327-B-80	Colombia				
HS5AFJ	72,930- 55- 442-C-31	G5UBR (G3s UID UJE ZZI G4BTY)										G5WAX (G3s LYI XNJ)	24,960- 40-	208-B-28	CE8AO	157,183-113- 464-A-	Peru				
Japan		GM5AXO 20,808- 34- 204-A- 6										GM3ZRC (GM3s LYI XNJ)	35,904- 44-	272-A-15	CE5GO	10,710- 34- 105-B- 7	Chile				
JA2IYJ	371,385-105-1179-B-	Multi-Single										HA9KOV (HA9PU, opr.)	1014- 13-	26-A-	CP1EU	995,553-201-1651-C-22	Colombia				
JA1CG	216,744- 88- 821-D-	G5WUCB (G3WKH G3WXS G4BRK)										HA3KMA (HA3s ME PG)	231- 7-	11-A-	HK3LT	194,346-118- 549-D-18	Argentina				
JA1ELY	137,550- 70- 655-B-	Hungary										HA9KOV (HA9PU, opr.)	3- 1-	1-A-	UY500	13,959- 33- 141-B	Bolivia				
JA2HGA	30,012- 41- 244-D-	Multi-Single										HA3KMA (HA3s ME PG)	38,916- 47-	276-B-25	LU5HFI	3,447,048-242-4748-C-63	Multi-Single				
JA8FBM	22,800- 38- 200-B-	G5WUCB (G3WKH G3WXS G4BRK)										HA5KAS (H-5-303 H-5-304)	38,916- 47-	276-B-25	LU2DKG (+LU1DAY LU4DTJ	+LU6DKX LU8DLK)	Multi-Single				
JR1BRV	16,608- 32- 173-B-10	Hungary										HA5KAS (H-5-303 H-5-304)	5850- 30-	65-B-	LU6DKX LU8DLK)	894,708-174-1714-B-48	Peru				
JA7FYF	14,877- 29- 171-B-10	Multi-Single										HA9KOV (HA9PU, opr.)	1023- 11-	31-B- 3	OA4AHB	961,422-154-2081-B-	Brazil				
JA3BUB	14,820- 26- 190-A- 8	Hungary										HA9KOV (HA9PU, opr.)	121,250-150-2025-B-	121,250-150-2025-B-	OA4CBU (KIYKT, opr.)	723,168-144-1674-B-16	Brazil				
JA8GO	4743- 17- 93-A-15	Multi-Single										HA9KOV (HA9PU, opr.)	13,840-107-1040-A-70	13,840-107-1040-A-70	UC2BF	1344- 14-	32-B-	OA4AIW	540,540-143-1260-F-31	Brazil	
JA7JWY	4080- 20- 68-A-	Multi-Single										HB9T	185,760- 80-	774-B-16	UK2GDZ (UQ2GA V.Bormanis A.Lawrov)	419,133-143- 977-D-10	Bolivia				
JH3FWY	3822- 14- 91-A- 8	Multi-Single										HB9DX	6162- 26-	79-B-	PT2EYO	138,150- 50-	921-B-18	Colombia	5,972,763-289-6889-F-83	Colombia	
JA7KXD	3792- 16- 79-B- 7	Multi-Single										HB9KC	2886- 26-	37-B- 3	PY6OA	51,129- 39-	437-B-	Argentina	157,183-113- 464-A-	Argentina	
JA7HYS	3555- 15- 79-B-10	Multi-Single										HB9KC	2886- 26-	37-B- 3	PY5YC	19,440- 45-	144-C-	Argentina	10,710- 34- 105-B- 7	Bolivia	
JH2GVN	3300- 11- 100-A- 7	Multi-Single										HB9KC	2886- 26-	37-B- 3	PY1BOL	13,689- 39-	117-B- 5	Colombia	5,972,763-289-6889-F-83	Colombia	
JH1TNR	2847- 13- 73-B-10	Multi-Single										HB9KC	2886- 26-	37-B- 3	UK3LT	194,346-118- 549-D-18	Argentina				
JA1AAAT	2475- 15- 55-B-	Hungary										HB9KC	2886- 26-	37-B- 3	LU5HFI	3,447,048-242-4748-C-63	Bolivia				
JA2KBB	1320- 5- 88-A-25	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU2DKG (+LU1DAY LU4DTJ	+LU6DKX LU8DLK)	Multi-Single				
JA1AVU	480- 8- 20-A-	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
JF1HCE	360- 5- 24-A- 6	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
JH2TYH	300- 4- 25-A- 9	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
JH3BNJ	36- 3- 4-A-	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
JH1EL	12- 2- 2- 1	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
JH9IWF	12- 2- 2- 1	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
JH2LUF	3- 1- 1-A-	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
Asia R.S.F.S.R.		Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
UA9MT	330- 10- 11-B-	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
UK9CAE	(UA9s CBF CBO)	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
UK9XAC	(UA9s XAI XN XV)	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
UK9XAC	1536- 16- 32-A-	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
Turkoman		Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
UH8BO	54- 2- 9-B-	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
YA1OS	2574- 22- 39-F-	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
SB4AO	294- 7- 14-A- 3	Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				
EUROPE		Multi-Single										HB9KC	2886- 26-	37-B- 3	LU6DKX LU8DLK)	894,708-174-1714-B-48	Multi-Single				



We all know the signal strength of 6J9AA (XE1IJ, K0DQI, etc.) and now we see why he is so strong. Above: The Veracruz viper's shot to the U.S.A. taken from the top of the tower. Nothing but sea water between us and overload. Top right: The antenna farm (things grow better in tropical climates). The big tower holds 2 elements for 40 at 80 feet, 4 elements for 20 at 75 feet and assorted slopers for 75/80. The short tower supports an interlaced 10/15 meter beam at 60 feet. During the contest this was changed to separate monobanders. Antennas don't stay up too long at this site. Winds of 100 MPH are common and on December 15 they had a gusty one of 159 MPH. Right: The Veracruz viper in the flesh (almost) during the calm before the storm (I know it's before because his eyes are open). Scott uses a Drake-Line and L4-B plus an SB-101. Anyone that can sit thru 10K QSOs and dupe the log deserves to get his picture in *QST*. FB job indeed by the Scott-ish Terrorier of the airwaves.



Left: TI2DX, who put in a nice 6th place cw showing in 44 hours. Chuck (K8UDJ in disguise) has, by now, moved on to HC-land where he hopes to make all us deserving contest-types happy with a few Ecuadorian multipliers. Below left: Top cw European and number 10 in the DX listings is EA2IA. Ignacio fed his 300 watts into a TH3-Jr. and dipoles for 40 and 80. Nice job, OM. Below: Second in Europe and 11th in the DX cw listings is I6BQI. Angelo's southern latitude helped him make over 250 QSOs on 10 meters. Not bad, eh?



Saskatchewan		New Hampshire		W2GOF		138,159-153-301-C-30		K3BW (+K3JLK K3TGM W3DOB)	
VE5RA		50,568- 86- 196-F-		W7TML/1		942,834-274-1147-C-72		1,530,408-374-1364-F-85	
VE5TT		1488- 16- 31-A- 8		K1CSJ/1		733,784-209- 977-E-69		W3GM (+K3LWR K3ZQO W3JSX)	
VE5FK		966- 14- 23-B- 4		W1EHT		145,152-144- 336-B-34		1,483,218-363-1362-C-80	
Alberta		94,752- 96- 329-C-30		W1BPW		93,906-141- 222-C-20		W3DHM (+W3GL)	
VE6AGV		83,232- 96- 289-C-32		W1CHA		30,456- 72- 141-C-17		937,440-336- 930-C-90	
VE6MP		126- 6- 7-A- 1		W1LQQ		4935- 35- 47-A-14		WA3ATX (+WF3FHR WA3s COJ GJZ MME MPH)	
British Columbia		1		Rhode Island		175,098-154- 379-C-55		768,222-294- 871-E-96	
VE7BEF		36,018- 58- 207-D-22		K2LQQ/1		7104- 37- 64-		W3SS (+K3SME W3YCI)	
VE7VP		55,594- 46- 113-C-42		W1AWE		4836- 26- 62-C- 4		344,097-221- 519-C-50	
VE7AZG		13,410- 30- 149-C-15		W1RFQ		Vermont		W3BYX (+WA3KRD)	
VE7BBL		4872- 29- 56-A-		WB2CKS/1		40,050- 89- 150-C-23		294,354-207- 474-C-76	
U.S.A.		Western Massachusetts		W1HGA		23,718- 59- 134-B-16		WA3OAY (+WA3SYO)	
Connecticut		1		W2BP		918- 17- 18-B- 2		210,120-170- 412-C-48	
K1JHX		1,440,656-303-1580-C-63		W1YK (WA1JLD, opr.)		18- 2- 3-A- 1		Maryland-D.C.	
K1VTM		1,314,240-296-1480-C-68		1,662,210-330-1679-C-62		1,674- 24- 94-		913,545-303-1005-C-65	
K1THQ		1,159,191-297-1301-B-65		W1MQK		185- 24- 94-		K1LPL/3 (W3GRM, opr.)	
WA1PID*		846,450-270-1045-E-63		W1HRV		28,584-111- 248-C-44		597,246-247- 806-C-60	
WA1KID		366,600-188- 650-C-51		W1EZD		15,228- 54- 94-A-10		W3DBT	
WA1PQA		202,776-142- 476-E-50		K2LQQ/1		7524- 38- 66-C- 5		387,045-235- 549-C-54	
K1GUD		168,432-121- 464-C-38		K2TFT (+W2s GEY ORA PSY)		2,700- 24- 94-		W3ZSR	
WA1MAO		117,786-134- 293-B-35		WB2GPH		347,934-206- 563-C-69		224,082-177- 422-D-44	
WIRML		93,396-108- 279-C-33		W2SDB		15,900- 53- 100-C-12		W3PWO	
WA1JBN		55,332- 87- 212-C-25		WA2YSW		3654- 29- 42-C- 6		155,142-153- 338-C-51	
WA1KKM		54,372- 92- 197-A-48		W2OWA		1716- 22- 26-F- 5		W3GN	
WA1PHF (WB2CHO, opr.)		47,475- 75- 211-B-13		WA2TRK		1701- 21- 27-C-20		131,931-137- 321-C-21	
WIAB		42,768- 99- 144-C-		W2BP		18- 2- 3-A- 1		W3AXW	
WA1NRG		37,848- 83- 152-C-21		Multi-Single		1,267,20-130-1679-C-62		126,270-138- 305-C-55	
WA1KOC		26,838- 71- 126-F-12		K2TFT (+W2s GEY ORA PSY)		1,267,20-130-1679-C-62		K3GKU	
WIBIH		20,493- 69- 99-C-		WB2AIO		173,184-164- 352-C-33		101,304-126- 268-B-47	
W1DGL		13,728- 52- 88-D-10		W2QIP		110,040-131- 280-C-32		W3AFQ	
WIGNC*		13,200- 55- 80-C- 5		K2DBB		81,396-119- 228-C-41		95,202-129- 227-C-24	
K1ZND*		9396- 54- 58-C- 3		WB2FZJ		77,280-115- 224-C-40		W3KVM	
W1DEP		8892- 38- 78-B-16		WB2MBP		36,846- 89- 138-F-11		87,503-133- 224-C-16	
K1TZD		6750- 45- 50-C- 8		WB2OIL		21,735- 63- 115-B-20		WA3TCOE/3	
W7QV		1848- 22- 28-C- 2		WB2CK		17,160- 65- 88-C-		86,016-128- 224-C-44	
K1WVX		1242- 18- 23-C-14		WB2UL		1296- 18- 24-A-11		WA3GZT	
WIECH		912- 16- 19-A- 1		Multi-Single		10,098- 51- 66-A- 6		78,795-117- 225-C-37	
K1MUJ/1 (WA1HYN, opr.)		300- 10- 10-B-		WA2CLQ (+WA2s BWF KJT)		WB2YQH		W3JPJ	
Multi-Single		W1FBY (+K1DPB K1RLU		WB2CDV		8883- 47- 63-C- 7		95,202-129- 143-C-15	
W1KOJ		1,574,496-336-1562-C-92		WB2JAM		5550- 37- 50-C- 7		W3YHR	
W1ARR (+K1ZND W1RML)		1,180,800-328-1200-E-90		K2BK (+WB2BXL)		1104- 16- 23-B-10		25,272- 78- 108-C-22	
W1FLM (+WA1NES)		342,000-200- 570-C-42		WB2FXA		972- 18- 18-C-		W3KE	
W1FEG (+WA1LVW)		300,852-183- 548-C-65		WB2AOG		396- 11- 12-B- 2		19,950- 70- 95-E-15	
WA1PMA (+WB2CYR)		45,600- 76- 200-B-32		K2ZRO (+W2s HGS LOG)		14,350- 74- 145-C-15		K3CBW	
Eastern Massachusetts		37,830-107- 230-C-10		WB2ZOW		25,320-192- 450-C-96		36,404- 66- 52-C- 5	
K1CPF		939,876-268-1169-C-65		W2CXM (W1LKKW WA2DHS)		27,690- 65- 142-C-20		W3BVO	
WA1HON		160,476-172- 311-C-30		Multi-Single		3367- 29- 41-A-1		W3QHC	
WA1MCY		147,960-120- 411-C-37		W3WD		2346- 23- 24-B- 6		W3WD	
WA1NII		77,256-111- 232-A-55		W2TUK		180- 22- 301-C-7		1980- 22- 30-B-11	
WA1RBR (WA1ABV, opr.)		73,830-107- 230-C-10		WB2VZ		115- 23- 189-C-47		W3AWN	
W1LHW		48,057- 83- 193-C-29		WB2YKQ (W2OTS, opr.)		5634- 33- 57-C- 9		1539- 19- 27-F- 5	
W1WXXZ		35,532- 84- 141-B-20		WB2YKZIN		1638- 21- 26-A- 4		WA3ENM	
W1FJJ		26,400- 80- 110-C-		WB2NXF		396- 11- 12-C- 5		1449- 21- 23-C- 7	
W1PLJ		10,800- 45- 80-B-22		WB2TUK		330- 10- 11-C- 1		W2DW/3	
W1IAU		6435- 39- 55-A-23		WB2CZZ		108- 6- 6-A- 1		120- 20- 17- 20-C-	
W1AJYY		1650- 22- 25-A-		WB2ETH		48,816-114- 248-B-46		W3FTG	
K1OME		660- 11- 20-B- 2		WB2BHM		75,222-126- 199-C-30		13,264- 88- 126-B-	
W1LAJAI		18- 2- 3-B- 5		WB2VFT		72,615-103- 235-D-30		W3GHD	
W1A1JUY (WA1ABV, opr.)		12- 2- 2-A- 1		WB2KXD		23,540-108- 171-E-24		W3KTV (multiop)	
WA1NRT		12- 2- 2-A- 1		WB2WTG		35,862- 86- 139-C-19		316,710-230- 459-C-	
Multi-Single		WA1KZE (+WA1NRV WA8WNU)		WB2ADIG		18,000- 60- 100-E-40		W3TUV (K3HTY K3ZRW)	
W1AF		1,228,284-306-1338-C-96		WB2GZZ		15,834- 58- 91-C-16		377,910-221- 570-C-64	
W1AF (WA1JOJ WA2MYY)		1,228,284-306-1338-C-96		WB2CZV		14,940- 60- 83-C-20		W3YXM (WA2ZRG WA3s JVG LCY MNQ YTM TAC)	
WA3GQJ		175,560-154- 380-C-50		WB2FZY		8580- 52- 55-C- 9		29,568- 77- 128-C-	
WA1MYK (+WA1NRT WN1s OWI RFE)		11,214- 42- 89-A-		WB2MS		8052- 44- 61-A-14		K3QHBL (WA4S)	
Multi-Multi		W1YVJ ZJC WB2JYM K3QDD WB4SMA)		WB2WMS		7770- 37- 70-C- 5		1417- 43- 73-C- 8	
W1MX (K1OME WA1s ABV CQW JYY ZJC WB2JYM K3QDD WB4SMA)		1,803,246-358-1679-F-96		WB2WBE		2700- 25- 36-B-12		W3TV (+K2ZMA W3AOH W3VW)	
Maine		18,326,320-130- 688-F-43		WB2WFS		2244- 22- 34-B-			

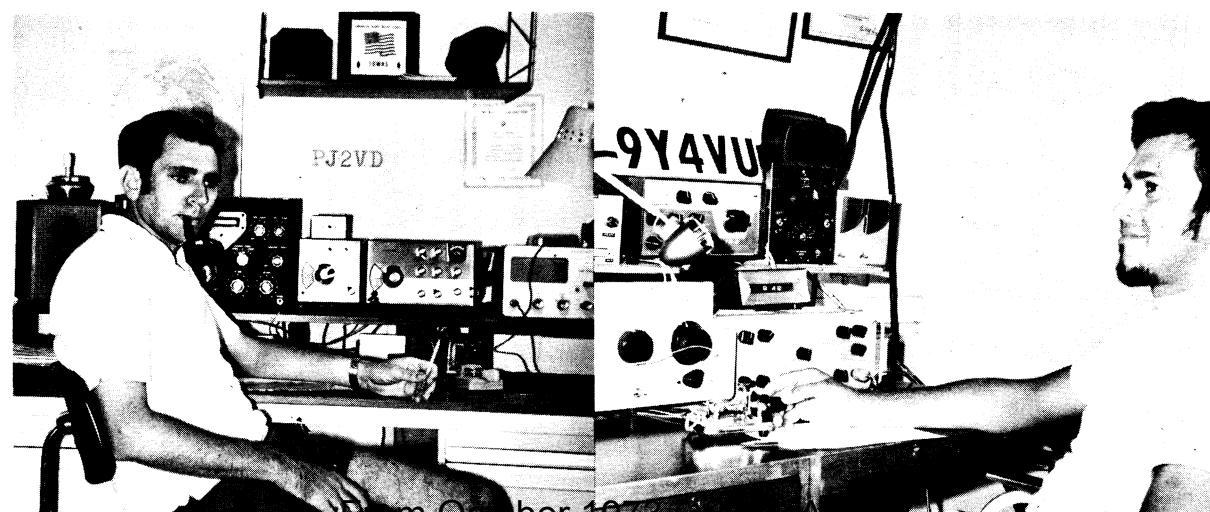




Top: The multiop crew of WA5LES. From I to r: The man himself WA5LES, W5ARJ, W5VQ, K5PFL and K5LZO. W5JAW was also an operator but is not pictured. The gang put together a fine second place nationwide cw showing. Some of you may remember LZO and LES as the big Sweepstakes multiop of a few years back. Left: EL2Y often makes his presence known in our yearly bashes. Gaspar collected second spot in Africa with a fine 1.3 million score in a tight race with 5T5CJ. Outside, Gaspar employs a 14-AVQ and 80 meter dipole.



Left: PJ2VD, back again after a DX Test layoff of a few years. Number three worldwide and top South American cw honors go to Joeke this time. In addition to a first place worldwide cw finish in 1970 he has obtained 5BWAS number 23, only the third one to be given to someone outside of W/VE. Right: One never has to worry about 9Y4 when 9Y4VU is around. Frank has been making bunches of DX Test noise for three years in a row on both modes but this is the first year he has broken into the Top Ten. FB 9th place finishes on both modes.



W8KOD	25,536- 76- 112-D-39	KØZFL	18,240- 64- 95-A-13	Ivory Coast	UW9PJ	105- 5- 7-B-
WA1LKU/8	15,045- 59- 85-A-12	KØDWZ	15,048- 57- 88-B-30	TU2DV	62,208- 54- 384-C- <i>Multi-Single</i>	
W8SUS	13,884- 52- 89-C-17	WB1LBP	13,965- 49- 95-E-11	ZS6FN	South Africa	
W8FJS	11,520- 48- 80-B-50	WA3ZKQ/#	663- 13- 17-B-15	ZS6ZE	300,300-143- 700-A-13	
W8KLC	8505- 45- 63-C-14	<i>Multi-Single</i>		113,490- 97- 390-A-12	UKØZAA (UAØ XAB ZAZ ZZ 128-3 V.Horoshilov)	
W8DFL	8190- 42- 65-C-14	WØMYN (+WA2WMT WBØCMM)	1,061,202-274-1291-C-96	ST5CJ	Mauritania	
WA8OYR	7380- 41- 60-C-15	<i>Multi-Single</i>		1,359,072-208-2178-B-63	ASIA	
WB8ACK	6903- 39- 59-B-21	WAØATY	174,849-167- 349-C-27	HS3AII	Thailand	
WB8BOR	6840- 40- 57-B-18	WØEGI	10,656- 48- 74-B- 8	3315- 17- 65-D- 6	Saudi Arabia	
W8EPP	1620- 20- 27-A- 3	WBØBPH	5250- 35- 50-B-11	HZ1HZ	Japan	
WB8FVY	1440- 20- 24-B- 7	<i>Multi-Single</i>		264,596-116- 761-A-44	ASIA	
WA8MEM	378- 9- 14-B- 2	WØWSV (WAØYGJ WBØBPH)	390- 10- 13-C- 4	KS1HZ	Kansas	
WB8FWQ	60- 4- 5-A- 2	390- 10- 13-C- 4		1,218,225-185-2195-E-71	West Virginia	
<i>Multi-Single</i>		WAØJUB	19,260- 60- 107-C-16	JA1CMW	246,288-112- 733-B	
WA8EDU (WA2THV WA3s BGE MSZ	73,584-112- 219-C-18	WAØDOZ	7524- 38- 66-A-31	JA1OMH	224,400-110- 680-D	
WA8RXM)	West Virginia	<i>Multi-Single</i>		JA1JKG	208,215-105- 661-B	
WB8HEY	28,182- 77- 122-B-13	KØKU (WAØTKJ WBØFGV)	87,846-121- 242-C-48	JA1BNC	186,912- 96- 649-B	
W8PV	75- 5- 5-B- 2	87,846-121- 242-C-48		JA1FBM	146,955-101- 485-B-30	
<i>Multi-Single</i>		WAØGYH	151,044-164- 307-C-	JA1YFY (JA7HQP, opr.)	141,240- 88- 535-D-25	
WA8UUU (+WB8IAY)	147,840-140- 352-C-62	WAØPRS	115,872-136- 284-C-45	JA1JSV	105,505- 95- 493-B-72	
WB8ICY (+WB8LPF)	25,536- 64- 133-E-43	WBØFDK	54,096- 98- 184-C-34	JA2AIR	117,117- 91- 429-D-37	
9		WBØHAI	29,184- 64- 152-C-31	JA1SR	113,160- 92- 410-E-48	
Illinois		WAØNAA	28,140- 70- 134-C-40	JA2MGE	111,972- 86- 434-D-30	
W9IY	507,528-212- 798-C-65	WAØIYP	14,280- 56- 85-C- 6	JA1FVW	98,280- 78- 420-B-22	
W9OHH	471,822-263- 598-E	WBØLP	6660- 37- 60-A-15	JA2HGA	98,106- 83- 394-D-	
W9DOB	408,114-237- 574-C-	WBØCLY	4257- 33- 43-C- 3	JA1WIX	91,698- 62- 493-A-28	
W9IRH	400,527-233- 573-C-55	WAØMHJ	4059- 33- 41-B- 2	JA8DFB	53,382- 62- 287-A-	
W9MLG	252,006-194- 433-C-75	WBØUYZ	3690- 30- 41-C-12	JA1ISA	49,938- 58- 287-B-	
W9WYB	201,249-177- 379-C-40	WBØPAN	90- 5- 6-A- 1	JA7KXD	47,436- 59- 268-D-18	
W9DWQ	173,250-175- 330-C-18	<i>Multi-Single</i>		JA2IUV	46,197- 59- 261-A-30	
W9YRA	160,230- 98- 545-C-44	WBØHZ (+KØWWX WØNAR WØPAN)	539,847-231- 779-C-	JA5BLF	5216- 32- 55-B-	
W9LF	157,458-161- 326-C-55	WBØBQG (KØXQY KØWPK WØS	539,847-231- 779-C-	UK9FEC (UF9VN UA9-140005)	UK9FEC (UF9VN UA9-140005)	
W9BZW	140,304-158- 296-C-21	CYH FCO FDK GIB ILK JIE KSI	JA2NNQ	3960- 22- 60-B-		
W9IVG	97,104-136- 238-F-29	MR MSL ROR SBO SEI WVU YHE	JA1SR	113,160- 92- 410-E-48		
W9KQF	59,670-117- 170-C-18	WAØBS BIX DCJ GMX OOU QQW	JA1R	111,972- 86- 434-D-30		
W9RER	37,548- 84- 149-C-10	WBØBS CHW CBL H. B. D. Hiller	JA1FVW	98,280- 78- 420-B-22		
WA9SLD	26,640- 74- 120-C-25	G. Meier)	JA1WIX	98,106- 83- 394-D-		
W9YYG	24,723- 67- 123-C- 7	167,400-150- 372-C-96	JA8DFB	53,382- 62- 287-A-		
WB9DDR	18,600- 62- 100-G-25	WAØENP (+WAØWEZ)	88,236-114- 258-C-42	JA1ISA	49,938- 58- 287-B-	
W9QLD	16,368- 62- 88-G-22	<i>Missouri</i>		JA7YQY (JA7GQB, opr.)	11,658- 29- 134-A-	
K9VLQ	11,094- 43- 86-B-37	KØSGJ	229,635-189- 405-C-57	JA1BNW	22,800- 40- 190-A-	
W9JIU	10,800- 36- 60-B-16	WAØTLT	138,618-151- 306-C-50	JA1ARW	20,760- 40- 173-B-	
K9UQN	4950- 33- 50-C- 4	WBØHBH	66,456-104- 213-C-25	JA2ARW	18,204- 37- 164-A-13	
W9LVH	1914- 22- 29-C- 3	WBØFLT	22,260- 70- 106-A-40	JA2NNQ	11,934- 26- 153-A-20	
W9REC	378- 9- 14-B- 9	WBØFLM	11,376- 48- 79-A-20	JA1ARM	11,550- 25- 154-A-23	
W9UDK	3- 1- 1-B- 1	WBØFMT	5145- 35- 49-B- 9	JA1OLT	11,250- 30- 125-A-20	
<i>Multi-Single</i>		WAØFBQ	264- 8- 11-B-20	JA1IW	10,296- 26- 132-A-14	
W9EXE (+W9ICE WA9RAT)	1,060,896-344-1028-C-92	<i>Multi-Single</i>		JA7JW	10,170- 30- 113-A- 7	
WA9IVL (+WA9E FWY QAL	352,191-217- 541-C-82	WAØEMS (+KØUTX WBØs EDD	88,236-114- 258-C-42	JA9SC	7476- 28- 89-B-10	
WB9EBO)	63,135-115- 183-C-19	FLT WNØs ERF GCP HQH CP3BY	<i>Missouri</i>	JA2VSS	6552- 24- 91-A- 7	
W9DY (+VU2JV)	61,746- 82- 251-C-30	T.Campbell)	KØSGJ	6552- 21- 104-A-		
Indiana		172,380-169- 340-E-66	JA1TBJ	3723- 17- 73-A-		
K9CUY	472,140-244- 645-C-72	WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	JA1WL	2655- 15- 59-D- 7	
WA9NPM	254,436-182- 466-C-73	WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	JA1BFN	540- 5- 36-B-	
W9SFR	214,929-167- 429-C-40	<i>Nebraska</i>		JA3ARM	414- 6- 23- 3- 3	
W9ZTD	95,064-136- 233-C-28	KØALL	36,900- 82- 150-C-16	JA1EL	168- 4- 14-A- 4	
K9ODF	93,366-126- 247-C-45	WBØRRW	19,968- 64- 104-C-	JA2GXD	102- 2- 17-A-2	
K9VQK	57,528-102- 188-C-26	<i>Multi-Single</i>		JA3BZN	96- 4- 8-A- 2	
K9CLO	34,293- 71- 161-C-47	WBØBCZ (WAØGQI GQJ OVW)	291,000-200- 485-C-70	JE1UPC	78- 2- 13-A- 5	
WA9BKY/9	23,052- 68- 113-C-	WAØWUU	5460- 35- 52-B-	JA2JNA	36- 3- 4-B-	
WB9EEF	15,810- 62- 85- -10	<i>Multi-Single</i>		<i>Multi-Single</i>		
K5LZT/9	36- 3- 4-A- 2	WAØWUU	5460- 35- 52-B-	JA9YBA (JA9s BAU FFN GLL)	EUROPE	
Wisconsin		<i>DX CW</i>		JA1YHA (JA3VOV JAØIND JH1s	Germany	
W9EWC (WA9AQW, opr.)	588,984-253- 776-C-55	CN8BO	52,032- 48- 362-A-	BRM CST)	667,260-165-1348-C-	
WB9DRE	98,820-122- 270-D-44	<i>North Dakota</i>		JA1YHA (JA3VOV JAØIND JH1s	DM4YEL 98,494- 74- 444-B-	
W9GIL	51,192- 79- 216-C-30	KØALL	36,900- 82- 150-C-16	BRM CST)	DM3YBF 76,368- 74- 344-A-	
W9PJT	15,900- 53- 100-C-	WBØRRW	19,968- 64- 104-C-	DM2BNZ	61,035- 65- 314-A-	
WA9VCK	14,094- 54- 87-C-16	<i>Multi-Single</i>		DM3BE	46,200- 70- 220-A-	
W9RQM	7380- 42- 60-B- 5	WBØBCZ (WAØGQI GQJ OVW)	291,000-200- 485-C-70	DM2CLM	27,360- 48- 190-A-	
WA9PUN	5550- 37- 50-B- 8	WAØWUU	5460- 35- 52-B-	<i>Mongolia</i>		
Colorado		<i>DX CW</i>		JA1YVA (WA6URY K8HVT)	DL1YA 26,469- 51- 173-B-	
WAØCVS (WBØDJY, opr.)	969,918-257-1258-C-86	CR6AI	1,197,711-219-1823-B-60	JH1YVW/1 (WA6URY K8HVT)	DKFZ 18,492- 46- 134-B-17	
WBØGXU	84,357-103- 273-E-51	EL2Y	1,295,118-211-2046-B-70	JA1YVA (JA3VOV JAØIND JH1s	DL1TH 13,671- 31- 147-B-	
WBØBJW	24,522- 61- 134-C-18	ET3USE	344,250-125- 918-A-60	BRM CST)	DM5UUL 11,400- 40- 95-A-	
KØTMM	22,842- 47- 162-F- 9	<i>AFRICA</i>		DL1IP	5694- 26- 73-A-	
<i>AFRICA</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DL1IP	4602- 26- 59-D-	
<i>Morocco</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DL1GN	4284- 21- 68-A-	
<i>Angola</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DM2FBL	47JJ 4125- 25- 55-B-	
<i>Liberia</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DM2FBL	DM2FBL 2880- 20- 48-B-	
<i>Ethiopia</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DM2FBN	2460- 20- 41-A-	
<i>Republic of Ireland</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DM2DEN	1620- 18- 30-B-	
<i>Spain</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DM2DRN	990- 15- 22-B-	
<i>France</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DM2BPF	726- 11- 22-A-	
<i>France</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DJ2YE	162- 6- 9-B-	
<i>Multi-Single</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	DL1VU (+DJ51W DL7AV DL9PT)	827,376-176-1567-B-64	
<i>Multi-Single</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	EI9J	1,034,841-197-1751-A-36	
<i>Multi-Single</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	E15F	10,440- 30- 116-A-	
<i>Multi-Single</i>		WAØZPM (+WAØYPY)	20,280- 65- 104-C-30	F5IN	518,541-127-1361-B-68	

F8VJ	475,200-165- 960-A-45	LA6U	2592- 24- 36-A-	Denmark			Greece	
F8ZF	280,500-110- 850-B-30			OZ1LO	1,279,395-195-2187-B-	SV0WH	77,760- 72- 360-F-	
F8TM	94,518- 89- 354-A-25			OZ6PI	178,155-107- 555-A-	SV0WTT	25,272- 54- 156-C-	
F8TQ	85,557- 79- 361-A-17	LZ1KHB	28,656- 48- 199-B-	OZ1W	175,168-112- 524-A-55	Iceland		
F3KW	76,500-102- 250-B- 8	LZ2GS	10,200- 40- 85-A-	OZ5ME	80,688- 82- 328-A-50	WA3GHC/TF	22,608- 48- 157-A-	
F3TZ	58,956- 68- 289-A-	LZ1JN	4977- 21- 79-B-	OZ4HW	48,165- 63- 247-A-	TF3A	2208- 16- 46-A-	
F6BHK	50,813- 49- 347-B-	LZ2KAD	4320- 24- 60-B-	OZ8HC	37,518- 74- 169-A-	European Russian S.F.S.R.		
F9BB	40,128- 64- 209-A-41	LZ1KBG	2655- 15- 59-C-	OZ9OI	13,560- 40- 114-A- 7	UA3HH	46,800- 52- 300-B-	
F9KP	39,825- 59- 225-A-	LZ2GS	1404- 13- 36-A-	OZ9QM	7500- 25- 100-A-	UA3GM	27,216- 54- 168-B-	
F6BPL	23,838- 58- 137-B-			OZ2NU	7068- 31- 76-A-	UA3UAC	21,771- 41- 177-A-	
F8VO	6039- 33- 61-A-	LZ1KDP (LZ1s GX IQ A-513 F-37 G-31 1.Pulev,Nike)		OZ5CI	2592- 16- 54-A-	UV3CQ	15,984- 37- 144-A-	
F6ACD	882- 14- 21-A- 4		603,780-145-1388-B-	OZ7MJ	702- 13- 18-A-	UV3WT	13,680- 40- 114-B-	
F6ACD/P	480- 10- 16-A- 3	LZ1KRB (H.Melkonjan D.Zlabanov)	114,597- 51- 749-F-	OZ3PO	288- 8- 12-B-	UA3GP	9588- 34- 94-A-	
<i>England</i>								
G3KMO	1,174,428-204-1919-A-57			PA0LOU	766,128-176-1451-A-39	UA4BI	8214- 37- 74-A-	
G3MXJ	1,058,688-192-1838-A-58			PA0TA	95,328- 96- 331-A-30	UA3ET	7308- 21- 116-A-	
G2QT	639,366-182-1171-A-45	LZ1KPG (I.Ivanov S.Goshev P.Duholov)	50,091- 59- 283-C-	PA0JR	58,548- 82- 238-A-	UA6AAQ	6552- 24- 91-A-	
G3APN	158,598- 99- 534-A-	LZ1KHB (A.Dimitrov A.Jeliascov R.Kostov)	41,151- 43- 319-B-	PA0VB	12,210- 37- 110-A-	UA3FK	4272- 24- 60-B-	
G2RO	127,019- 71- 598-A-33	N.Dimitrov)	14,400- 32- 150-B-	PA0PHK	7227- 33- 73-A-10	UA4MZ	3450- 25- 46-B-	
G3VDW	100,584- 72- 467-A-	LZ2KSU (I.Petkov M.Shopov S.Vlajkov)	13,542- 37- 122-B-	PA0GN (PA0SGIN GNI NRA SPA TAW TUM)	466,323-145-1087-A-70	UA6APP	1488- 16- 31-A-	
G2AJB	27,900- 50- 186-A-17					UA3DU	720- 12- 20-A-	
G3KSH	11,664- 36- 109-A- 4					UA3IAK	315- 7- 15-B-	
G3YBH	5904- 24- 82-A- 6					UZ3RV	288- 8- 12-A-	
G3CWL	4599- 21- 73-A- 6						210- 7- 10-A-	
<i>Multi-Single</i>								
G4ALE (G3s SIX UFY WRR XJO)	993,147-181-1829-A-96							
G3TBK (+G3s SHY UVT YCT)	467,901-147-1061-A-81	OE4PWW	66,990- 77- 290-B-					
G4BTJ (G3PDL G3VIP)	370,722-137- 902-A-48							
<i>Guernsey &amp; Dependencies</i>								
GCSBAU/P	20,868- 37- 188-A-15							
<i>Scotland</i>								
GM6RV	180,810-123- 490-A-	OH1LX	902,496-158-1904-C-	SM0CCE	361,140-130- 926-B-	UK1AAG	(Chependjuk Karpent'	
GMSAXO	S4,441- 69- 263-A- 9	OH2FS	228,420- 94- 810-B-	SM7EAN	284,988-127- 748-B-	Kozhin)	144,000-100- 480-B-	
<i>Wales</i>		OH8SP	103,760- 80- 433-B-	SM5BNZ	284,202-114- 831-B-65	UK3AAC	(V.Isaikin,M.Vladimirov	
GW3JI	535,068-167-1068-A-	OH7NW	32,542- 53- 205-25-A	SM2COR	168,973-101- 558-B-50	UK1ZAL	(A.Evtivneev,S.Kabiko	
GW3SYL	369,438-134- 919-A-40	OH1QB	25,194- 38- 221-B-	SM5DJZ	157,722- 97- 542-B-	UK6AAU	(A.Elagin,V.Moisee	
<i>Multi-Single</i>		OH7OQ	9576- 28- 114-B-	SM0BD\$	89,667- 81- 369-A-	V.Stzelechkiy,A.Velikovskij		
GW3UCB (G3s WKH WXS XZK G 4 BRK)	225,000-125- 602-A-76	OH2YL	8547- 37- 77-B-	SM5BP\$	60,996- 68- 299-B-49	UK4WAB (B.Baranov,V.Kislyako V.Krylov)		
<i>Hungary</i>		OH5ZH	7650- 25- 102-B-	SM2CTV	52,569- 59- 297-B-16			
GW3JII	535,068-167-1068-A-	OH2JQ	6882- 31- 74-A-	SM5CEU	46,332- 66- 234-A-			
GW3KHF	535,068-167-1068-A-	OH6RC	5394- 29- 62-D-	SM0CGO	44,622- 67- 222-B-			
<i>Multi-Single</i>		OH2BCD	4237- 19- 75-B-	SM0BRG	18,963- 49- 129-B-			
GW3SYL	369,438-134- 919-A-40	OH2BFX	3591- 19- 63-B-	SM0FEM	15,651- 47- 111-B-			
<i>Multi-Single</i>		OH6RA	2990- 23- 44-A-	SM0FEM	13,524- 49- 92-B-27			
GW3UCB (G3s WKH WXS XZK G 4 BRK)	225,000-125- 602-A-76	OH7SC	1728- 18- 32-B-	SM5DN\$	10,098- 34- 99-A-			
<i>Multi-Single</i>		OH2LU	900- 12- 25-A-	SM3DXC	7455- 35- 71-B-			
HA3HFS	227,919-109- 697-A-60	OH1PG	819- 13- 21-B-	SM5BAX	4725- 25- 63-B-			
HA4XX	136,018- 94- 483-A-	OH3IR	624- 13- 16-C-	SM7BGA	3915- 29- 45-B-			
HA3JGJ	135,156- 84- 537-B-54	OH9TD	429- 11- 13-B-	SM0OY	3519- 23- 51-B-			
HA7MTC	63,504- 72- 294-A-35			SM5XX	1881- 19- 33-A- 8			
HA6NN	55,476- 67- 276-B-27			SM6PF	1740- 20- 29-B-			
HA9LML	28,106- 46- 204-B-27			SM7CYP	1596- 19- 84-B-			
HA9KOV	24,156- 44- 183-B-20			SM6JY	1560- 13- 30-B-			
<i>Multi-Single</i>				SM0KV	1316- 14- 32-A-			
HA5KBM (HA5s HF KZ)	648,900-150-1442-B-							
HA8KUC (HA8s UD UI UV UL VY)	392,232-118-1108-B-63							
<i>Czechoslovakia</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK5BOB	559,350-150-1243-B-40	SK6CF (SM6s ALF AOU CGY CKU DHU EBQ FY NM)	139,971-103- 453-B-			
<i>Multi-Single</i>		OK1TA	276,345-115- 801-B-	SM6AL	127,710- 86- 495-B-			
HA5KBM (HA5s HF KZ)	648,900-150-1442-B-	OK1ASJ	259,440-115- 752-A-	SM6BK	55,878- 67- 278-B-			
HA8KUC (HA8s UD UI UV UL VY)	392,232-118-1108-B-63	OK1DIM	98,472- 88- 373-A-	DKH	UB5RS	32,210- 54- 205-A-		
<i>Multi-Single</i>		OK1DWA	68,904- 72- 319-A-	SM6DF	21,168- 42- 168-B-			
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1EP	27,846- 42- 221-A-	SM6OE	12,672- 32- 132-A-			
<i>Multi-Single</i>		OK2RQ	27,368- 44- 208-A-	SK5AL (SM6s BGK DFM DKH SM0DSG GM)	UB5VY	10,404- 34- 102-A-		
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1DIT	20,628- 36- 191-A-	SM6AOE (+SM6BJB)	UY500	5616- 26- 72-A-		
<i>Multi-Single</i>		OK2PBM	20,445- 47- 145-B-	SM6DSF (+SM5DUL)	UB5TR	17,316- 37- 156-B-		
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK2PDL	18,768- 46- 136-A-		UK3DCF (P.Kulitschenko B.Makarenko,E.Worobeyev)	213,160- 19- 34-A-		
<i>Multi-Single</i>		OK2FAW	15,498- 41- 126-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK3ZBU	15,444- 33- 156-A-					
<i>Multi-Single</i>		OK1DVK	13,050- 30- 145-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1IAR	12,312- 36- 114-A-					
<i>Multi-Single</i>		OK2LN	12,138- 34- 119-D-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1AQR	8190- 30- 91-A-					
<i>Multi-Single</i>		OK3TFC	6318- 26- 81-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1FAM	5904- 20- 82-A-					
<i>Multi-Single</i>		OK5BEH	5904- 24- 82-B-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1XM	5103- 27- 63-B-					
<i>Multi-Single</i>		OK3TMF	4620- 22- 70-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1KRY	3696- 16- 77-A-					
<i>Multi-Single</i>		OK1AQR	3402- 27- 42-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK3TBC	2898- 23- 42-A-					
<i>Multi-Single</i>		OK3LW	2160- 20- 36-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1AIJ	1785- 17- 35-A-					
<i>Multi-Single</i>		OK2PEQ	1692- 12- 47-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1ATP	1536- 16- 32-A-					
<i>Multi-Single</i>		OK1FRF	1221- 11- 37-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1JCW	1209- 13- 31-A-					
<i>Multi-Single</i>		OK2SGW	1209- 13- 31-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK2HI	930- 10- 31-A-					
<i>Multi-Single</i>		OK2BFX	480- 8- 20-B-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK5BOV	252- 6- 14-A-					
<i>Multi-Single</i>		OK1KZ	168- 7- 8-B- 2					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-	OK1AEH	144- 6- 8-A-					
<i>Multi-Single</i>		OK1AOY	135- 5- 9-A-					
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								
HA1KSA (K.Bujaki Gy.Felber L.Kovacs O.Kovacs Cs.Nyilas)	610,560-144-1416-B-							
<i>Multi-Single</i>								

**CONTINENTAL LEADERS, QSO/BAND**

CW							PHONE						
AFRICA							AFRICA						
ST5CJ	80	40	20	15	10		ZS6DW	80	40	20	15	10	
	409	336	507	513	413		A2CCY	45	375	357	1621	383	
EL2Y	239	266	633	556	352		ZS3CJ	23	2	809	1047	322	
CR6AI	113	360	464	533	353		CR7GJ	46	0	165	746	223	
ET3USE	4	50	303	431	130		EA8CR	7	22	339	480	71	
ZS6FN	25	145	132	253	145		ZS6FN	26	127	324	486	0	
ZS6ZE	0	110	10	147	123		CN8BO	0	0	231	355	14	
TU2DV	0	0	355	29	0		3B8CV	1	3	37	336	10	
CN8BO	0	0	0	362	0		CR7RM	0	0	46	173	42	
ASIA							ASIA						
JA1CWZ	59	560	898	638	40		JA2IYJ	42	216	341	580	0	
HZ1HZ	57	162	334	208	0		UAØFGM	74	163	368	412	1	
JA1OMH	7	68	380	259	19		JA1CG	9	98	335	375	4	
JA1JKG	16	116	306	190	52		JA1ELY	33	74	52	496	0	
OD5EJ	0	91	207	335	38		HS5AFJ	44	5	260	133	0	
JH1BNC	0	101	197	362	1		JA1FFC	4	50	113	181	0	
JA8FBM	2	65	342	234	6		JA2HGA	0	21	153	70	0	
UAØKAN	52	151	503	0	0		JA8FBM	0	4	69	127	0	
JR1BRV	11	151	81	231	11		JR1BRV	0	62	26	85	0	
JA7YFY	6	34	305	147	43		JA7YFY	0	6	96	69	0	
EUROPE							EUROPE						
EA2IA	213	362	876	970	96		CT1BH	176	192	629	1179	254	
I6BQI	275	396	788	705	255		CT2BG	229	368	669	748	19	
OZ1LO	193	419	726	774	75		G2QT	56	102	484	525	2	
G3KMO	226	320	512	710	151		GW3NWV	19	18	366	632	48	
I3ASE	86	444	736	900	33		DL8PC	54	65	295	543	0	
G3MXJ	173	422	705	460	78		SM6CKU	34	83	553	213	0	
EI9J	178	126	595	759	76		OE2EGL	27	47	560	406	0	
OH1LX	59	119	785	941	0		DL6WD	40	54	304	492	0	
EA5BS	136	309	465	803	0		DJ6LV	35	101	326	361	0	
PAØLOU	184	285	639	312	31		HB9T	0	0	213	561	0	
NORTH AMERICA							NORTH AMERICA						
KV4HW	611	932	1074	1178	963		6J9AA	804	1406	2467	3003	2251	
TI2DX	203	537	973	1078	698		KZ5JF	634	529	978	1661	1464	
8P6DR	329	255	418	525	491		XG1J	504	827	997	952	1377	
TI2WX	118	351	482	644	461		VP2MY	611	501	947	1523	574	
OX3YY	111	324	983	405	2		W4EV/VP9	389	513	853	1132	421	
OX3WQ	39	193	750	699	123		XE1LLS	350	677	814	1090	424	
KZ5NG	72	411	115	210	141		HI8LC	201	340	312	601	273	
HI8LC	176	141	178	163	142		TI2WX	0	218	199	256	736	
KL7HNN	42	150	361	65	2		PJ8DX	49	193	429	199	314	
KL7AIZ	60	361	65	67	0		8P6CY	0	0	417	548	178	
OCEANIA							OCEANIA						
KH6RS	633	1202	1303	1489	925		KH6IJ	266	657	1024	1525	756	
KH6IJ	276	645	1022	1231	493		KH6BZF	319	491	984	1320	888	
KH6IAB	319	598	761	889	666		KH6LAB	323	473	478	936	599	
KX6BB	278	359	493	583	191		KG6JBO	112	470	374	843	72	
KH6GJY	230	243	292	519	153		VK4VU	2	195	393	679	180	
VK2GW	39	397	224	381	94		KH6RS	320	84	84	135	0	
KH6HIZ	0	309	180	373	15		KX6BB	21	133	182	243	96	
KG6IAR	0	192	134	257	56		VK2WD	0	11	31	11	50	
VK4ZV	0	135	266	237	0		WØBJW/KH6	0	0	35	13	0	
KX6JS	35	175	47	101	81								
SOUTH AMERICA							SOUTH AMERICA						
PJ2VD	480	552	952	1201	911		4M4AGP	657	843	1890	1479	1992	
YV5KL	495	675	1201	834	690		LU5HFI	119	607	1192	1175	1655	
LU5HFI	334	622	802	865	910		9Y4VU	423	345	1028	1219	784	
9Y4VU	355	388	559	576	639		CE3AQW	8	290	1234	1660	1135	
OA4CBU	0	306	669	842	581		CP1EU	187	236	398	707	123	
PJ9JT	0	90	400	483	402		OA4AHA	29	3	847	533	669	
PY7VNY	201	159	105	434	128		OA4CBU	0	18	172	1131	353	
OA4AHA	28	33	226	417	271		OA4AIW	0	221	620	412	7	
PY1RG/1	27	123	332	427	74		PY3APH	0	15	318	356	288	
PY2BBO	0	0	503	408	0		HK3LT	125	42	0	171	211	



Western Pennsylvania											
W2HTI	599,967-243-	823-C-53	W3NOH	73,710-117-	210-C-	WB4HQE	233,334-149-	522-C-63			
W2JVU	294,240-160-	613-C-50	K3IJG	72,225-107-	225-E-24	K4AUL	206,115-151-	455-C-36			
W2HUG	267,990-190-	470-A-56	W3FTG	69,972-112-	196-E-30	K4JYM	204,750-150-	455-C-35			
W2CVW	168,270-158-	355-F-	W3GHD	66,528-112-	198-B-	WA4NQA	177,600-148-	400-C-18			
WA2WBE	137,376-108-	424-B-53	W3HMR	60,720- 88-	230-C-29	W4YZC	172,326-154-	373-F-28			
W2BHM	118,260-135-	292-C-25	W3EVW	45,570- 98-	155-C-22	K9CMF/4	157,014-143-	366-C-60			
WA2DIG	105,000-125-	280-C-46	W3CAA	28,638-124-	129-B- 6	WA3EFH	64,311- 97-	221-A-44			
WA2ZWH	84,105-105-	267-A-70	W3GHD	27,432- 72-	127-C-14	WA3SWF	64,311- 97-	221-A-44			
W2GZZ	77,826-119-	218-C-20	W3QEW	11,457- 45-	67-H-10	WA3EFP	41,952- 76-	184-E-75			
W2FZY	66,528- 77-	288-A-23	W3EAN	8748- 36-	81-C- 4	WA3OFR	20,400- 68-	100-B-18			
WA2SHR	52,866- 89-	198-B-27	WA3OLG	8400- 40-	70-D-10	W3KPI	9588- 47-	68-C-			
W2HNM	40,131- 91-	147-C-	K3JLJ	7869- 43-	61-C- 6	K3CR (WA3JBN, opr.)					
W2MB2	32,256- 84-	128-C-15	WA3RC	3741- 29-	43-A-						
K2JFJ	27,633- 61-	151-A-19	WA3MHF	2550- 25-	34-A-10						
W2EHN	11,562- 47-	82-A-18	WA3OSJ	2262- 26-	29-B- 9						
W2BBK	3240- 30-	36-B- 8	W3CBF	2025- 25-	27-B- 6						
WA2IFS	2142- 21-	34-A-									
K2EAC	765- 15-	17-B- 2									
W2UL	540- 12-	15-A- 8									
<i>Multi-Single</i>											
W2YD (+W2WBM W2HZY)	1,247,562-302-1377-F-85		W3NZ (+W3WJD)	977,109-289-1127-C-64							
WB2FUE (+WA2AYU)	93,564-113-	276-B-45	WA3NNA (+WA3LRN)	505,035-215-	783-C-80						
<i>Southern New Jersey</i>			W3KT (multiop)	437,805-235-	621-C-						
W2BQF	733,338-262-	933-C-66	K3MBF (+K3LJZ)	297,360-168-	590-C-50						
W2FYS	352,728-184-	639-G-58	WA3RBN (+WA3s PIA RMN)	160,200-120-	445-C-42						
K2QIL	351,000-200-	585-C-50									
W2FBF	345,870-189-	610-G-									
W2PAU	339,873-193-	587-C-50									
W2HBT	280,878-169-	554-C-50	W3FRY (+K1JGB K3DZB K3HTZ	2,142,063-363-1967-C-80							
W2DT	230,724-174-	442-C-	W3WPG WA3LNW G3HLW)	9,250,355-2493-C-96							
W2GOF	216,384-184-	392-C-36	W3GPE (+K3OIO K3WJV W3HBJ	1,928,604-346-1858-C-96							
W2SDB	105,561-111-	317-C-20	WA3FFF (G3HLW)	2,628,000-375-2336-C-96							
K2AA2 (W2EPA, opr.)	61,812-102-	202-C-18	W3GMG (+K3LWR W3JSX)	3,070,200-227-	428-B-68						
WA2VY	38,700- 86-	150-F-15	W4DXI	250,101-177-	471-C-63						
W2FHY	31,758- 79-	134-F-28	W4MCM	78,648-116-	226-C-15						
W2BZL	5130- 38-	45-B- 4	W4BFR	62,271-111-	187-C-17						
W2EAA	5040- 28-	60-B- 8	K4JLD	49,572-102-	162-A-40						
K2PZF	1440- 20-	24-C- 7	W4DMB	33,516- 84-	133-A-38						
WA2TRK	429- 11-	13-B-	W4RUA	33,060- 95-	116-G- 8						
W2BP	60- 4-	5-A- 3	W4WTS	8775- 45-	65-C-11						
<i>Multi-Single</i>			OAY SYO)	8118- 41-	66-B-						
WA2BLV (+WA2WLN)	1,224,780-298-1370-E-68		K4EZ	3690- 30-	41-C-						
K2FT (+W2s GEY ORA PSY)	654,255-217-1005-C-84		W4WXX	1740- 20-	29-G- 3						
K2FL (+W2U1)	641,802-259-	826-C-96	K4AVX	1944- 24-	27-A- 3						
<i>Western New York</i>											
W2QIP	300,762-186-	539-C-36	W3BYX (+WA3KRD)	419,040-194-	720-C-70						
K2GK	101,745-133-	255-E-41									
WA2CDV	88,920-130-	228-B-48									
W2FUI	63,054- 93-	226-C-61									
WA2MBP	41,385- 89-	155-F- 9									
WB2OIL	31,920- 80-	133-B-24									
W2VXA	28,416- 74-	128-A-35									
WA2DHS	17,490- 53-	110-C-15									
WA2BCX	13,986- 63-	74-C-									
W2CXW (WA2DHS, opr.)	11,340- 42-	90-C-10									
W2FXA	10,140- 52-	65-C- 3									
WA2MPC	7425- 45-	55-B- 7									
W2NCI	2871- 29-	33-A-11									
WA2AOG	1122- 17-	22-B- 2									
<i>Delaware</i>											
W3GL	21,735- 69-	105-D-11									
WA3TVS	546- 13-	14-C- 5									
<i>Multi-Single</i>											
W3NX (+W3DRD)	555,024-248-	746-C-72									
WA3OVC (+WA3KZO)	231,246-174-	443-G-26									
<i>Eastern Pennsylvania</i>											
K3YUA	1,438,434-314-1527-C-83										
W3YIK	830,532-268-1033-C-75										
W3DQG	801,624-263-1016-C-80										
K3JH	641,556-213-1004-E-41										
WA3NQX	433,260-174-	830-B-63									
W3GRS	402,711-241-	557-C-									
W3QOR	389,850-230-	565-E-41									
W3ALB	368,280-198-	620-C-52									
W3BGN	336,753-213-	527-C-48									
W3KFAQ	310,878-171-	606-C-									
W3KVG	284,160-173-	464-C-30									
WA3HMM	174,582-159-	366-C-31									
W3HER	159,600-149-	380-G-48									
W3CGS	159,495-145-	347-C-40									
K3ZOL	120,120-140-	286-F-									
W3ARK	119,016-114-	348-A-29									
K3DPQ	87,552-128-	228-C-30									
W3MFW	86,505- 79-	365-C-46									
<i>Multi-Single</i>											
W3YXM (WA2 BNB ZRG W3s FPP	731,187-243-1003-C-96										
GMJ WA3s JVG MNN QIA	W3BZW (+WA3NGS K4BEO										
WB4ZQG	72,410-227-	448-B-68									
	W4IDG (+K4BEO										
	719,280-240-	999-C-88									
K3WUU (multiop)	158,043-139-	379-C-30									
W3TOS (+WA3MLI)	149,340-131-	380-B-50									
	149,340-131-	380-B-50									
<i>Multi-Multi</i>											
W3AU (WA1KLX K3EST W3s IN	149,340-131-	380-B-50									
ZKH WA3s AMH HRV IAQ	151,000-131-	380-B-50									
W8CQN (Madeleine, Christine)	151,515-164-	3846-C-88									
	151,515-164-	3846-C-88									
<i>Multi-Single</i>											
W4JHK	227,590-190-	487-C-31									
W4NH	268,770-155-	578-C-37									
K4JIM	264,708-172-	513-B-33									
W4WBC	251,904-164-	512-C-40									
<i>Multi-Single</i>											
WA5LES (+K5s LZO PFL W5s ARJ	1,067,352-286-1244-E-79										
	W5LJN	397,800-221-	600-G-74								
	W5BDZ	136,890-135-	338-C-21								
	W5GO	90,630-106-	285-A-53								
	W5WQD	80,352-124-	216-C-18								
	W7WAH/	31,110- 85-	122-D-39								
	W5SFMA	19,332- 64-	101-B-35								
	W5RBB	15,687- 63-	83-B- 9								
	W5BWM	3900- 26-	50-B- 8								
	K5PFL	3150- 30-	35-C- 4								
<i>Multi-Single</i>											
W4LSE	1,068,061-299-1213-C-96										
	W5LUJ (+K5BCB)	1,037,232-294-1176-E-90									
	W5MYA (+W5BIA)	173,352-124-	466-C-32								
	K5AKW (+W5VKB)	75,810- 95-	266-E-65								
<i>Multi-Multi</i>											
WBSDTX (W5s BJA MYA WA5UCT	W5s AAR AOF BFZ)	135,786-122-	371-E-27								
<i>Tennessee</i>											
<i>Oklahoma</i>											
<i>Southern Texas</i>											
<i>Virginia</i>											
<i>Arkansas</i>											
<i>Louisiana</i>											
<i>New Mexico</i>											
<i>Northern Texas</i>											
<i>Pennsylvania</i>											
<i>Mississippi</i>											
<i>Alabama</i>											
<i>Florida</i>											
<i>South Carolina</i>											
<i>Georgia</i>											
<i>Arkansas</i>											
<i>Louisiana</i>											
<i>New Mexico</i>											
<i>Northern Texas</i>											
<i>Pennsylvania</i>											

<i>Multi-Multi</i>		<i>San Diego</i>		8	
W5KFL (+W5s IVN TFL WA5s OCN WPB ZVE ZWB W5AU)	2,142,885-373-1915-C-90	K6SDR	1,392,528-268-1732-C-91		
6		K2DGT/6	270,702-162- 557-C-80		
<i>East Bay</i>		W6MAR	227,682-139- 546-F-17		
WA6CXX	519,279-179- 967-F-59	K2JOK/6	40,800- 68- 200-A-31		
W6PM	407,592-216- 629-C-43	W6OVO	35,868- 61- 196-C-		
K6HH	404,976-143- 944-C-60				
W6AFI	380,721-139- 913-C-87				
W6UZX	143,022-121- 394-C-35				
W6BH	105,630- 70- 503-C				
WA6IQM	100,845- 81- 415-B				
K6UJS	30,369- 53- 191-E-17				
K6AN	7980- 35- 76-C- 6				
W6EJA	4032- 21- 64-B- 7				
<i>Multi-Single</i>					
W6KG (+W6DOD)	1,001,385-231-1445-C-44				
WA6NGG (+K6PJJY)	333,720-135- 824-C-65				
WB6CQY (+K6AUC)	297,780-140- 709-C-48				
<i>Los Angeles</i>					
W6RR	1,421,550-270-1755-C-83				
W6DQX	545,052-212- 857-E-64				
K6NA	239,460-260- 307-C-65				
W6AM	206,625-145- 475-C-42				
K6MP	168,210-126- 445-C-25				
W6YRA (WA7DAC, opr.)	156,195-117- 445-C-20				
WA6DGQ	147,480-110- 448-B-47				
W6NJU	125,208-111- 376-C-20				
K6OC	25,893- 63- 137-C				
W6JKR	9600- 40- 80-E-10				
W6JPH	4575- 25- 61-A				
W6APW	1944- 24- 27-C- 3				
K6MV	120- 5- 8-A- 3				
<i>Multi-Single</i>					
K6ELX (+K6CEO K6VA WB6BP WA6BNZ)	247,650-127- 650-C-86				
<i>Multi-Multi</i>					
W6DGH (+W6LYY WB6s OLD ZVC)	775,536-214-1208-G-52				
<i>Orange</i>					
K6RU	414,120-140- 986-C-41				
G3DPX/W6	52,056- 72- 241-B-27				
W6HPB	10,500- 50- 70-B-33				
WA6LBP/6	10,368- 32- 108-C-24				
W6EIF	7308- 29- 84-C				
W6HAW/6	1008- 12- 28-A- 8				
WB6FNI	363- 11- 11-A- 8				
<i>Multi-Multi</i>					
W6ANN (+WA6s EPQ GLD IPY WB6PKA GM3MBS)	2,225,727-309-2401-C-2				
<i>Santa Barbara</i>					
K6OW	247,308-148- 557-C-50				
K6OPH	157,509-111- 473-C-30				
W6GEB	24,840- 72- 115-C-12				
<i>Multi-Multi</i>					
W6UA (+W6HOH)	312,957-173- 603-C-				
<i>Santa Clara Valley</i>					
K6DC	301,950-150- 671-C-34				
W6OKK	223,020-140- 531-F-40				
WA1ABW/6	127,920-104- 410-C-26				
K6OX	107,364- 92- 389-C-				
W6CLM	83,640- 85- 328-E-45				
W6ISQ	77,418-102- 253-C-14				
W6EYY	59,202- 78- 253-C-15				
K6WD	58,212- 77- 252-C-				
W6ATO	57,120- 70- 272-C-45				
W6HOC	55,449-101- 183-C-21				
K6YGS	54,480- 80- 227-C-29				
W6EJ	38,307-113- 113-C-17				
W6MUR	27,090- 43- 210-C-40				
W6JKJ	9990- 37- 90-B-				
W6GBY	8463- 31- 91-B-20				
G3PPE/W6	1200- 10- 40-A- 9				
WB6KHS	561- 11- 17-C- 2				
<i>Multi-Single</i>					
K6EBB (+W6RGG WA6s PMK QGW)	1,277,100-258-1650-C-72				
WB6KKB (+WA6PGB WB6WJS)	972,792-236-1374-C-94				
<i>East Bay</i>					
WA6SDR	1,392,528-268-1732-C-91				
K2DGT/6	270,702-162- 557-C-80				
W6MAR	227,682-139- 546-F-17				
K2JOK/6	40,800- 68- 200-A-31				
W6OVO	35,868- 61- 196-C-				
<i>San Francisco</i>					
W6NUT (W6PAA, opr.)	1,152,480-245-1568-F-91				
W6WB	228,459-161- 473-C-72				
WA6IVM	157,113- 99- 529-C-23				
W6ZT	44,460- 76- 195-B-28				
<i>Multi-Single</i>					
W6BIP (+WA6DJ1)	587,685-193-1015-C-80				
<i>San Joaquin Valley</i>					
W6KEV	116,739-119- 327-C-26				
W6MYP	72,828- 84- 289-F-32				
W6YKS	35,136- 61- 192-A-24				
K6CQF/6	22,059- 57- 129-C-15				
W6CLP	21,009- 47- 149-B-23				
<i>Sacramento Valley</i>					
WA6NYV	418,863-191- 731-C-65				
WA6JVD	324,075-145- 745-F-90				
K6DR	218,115-131- 555-C-65				
W6NKR	181,830-145- 418-B-36				
W6KYA	38,376- 78- 164-B-16				
W6BIL	900- 15- 20-C- 9				
7					
<i>Arizona</i>					
W7AYY	335,118-158- 707-C-46				
W7AWH	25,200- 56- 150-A-19				
WB4OGW/7	18,468- 38- 162-B-30				
W7WV	3510- 18- 65-D-19				
<i>Idaho</i>					
W7DV	102,432- 97- 352-C-29				
K7NHV/7	73,080- 87- 280-C-22				
W7VSS	31,290- 70- 149-A-41				
W7IUO	3720- 31- 40-B-19				
<i>Montana</i>					
W7GKF	514,080-170-1008-E-63				
<i>Nevada</i>					
WA7CWM	67,068- 92- 243-C-28				
W7HS	302,940-165- 612-F-58				
<i>Oregon</i>					
W7GUR	29,484- 63- 156-E-30				
W7NTDZ	1287- 13- 33-A- 7				
W7LT	1221- 11- 37-B-12				
WA0KXJ/7	270- 9- 10-B- 1				
<i>Utah</i>					
W7CDV	43,734- 74- 197-F-31				
W5BJ	9381- 53- 59-B-40				
W8PV	1311- 19- 23-B- 4				
WB8APH	231- 7- 11-B-12				
<i>Oregon</i>					
W7SFA (K7JCA, opr.)	1,483,560-260-1902-F-88				
W7RM (W7EXM, opr.)	1,483,560-260-1902-F-88				
VE7ZZ/W7	846,288-216-1306-E-67				
<i>Washington</i>					
W9BZW	606,960-240- 843-C-63				
W9IRH	570,198-226- 841-C-67				
W9OHM	535,434-233- 766-C				
W9DOB	533,439-207- 859-C				
W9WYB	342,081-199- 573-C				
W9DWQ	221,697-161- 459-C				
W9RER	181,764-135- 396-C-26				
W9LF	170,742-143- 398-C-42				
K9DWK	168,300-165- 340-C-42				
W9AG	127,296-156- 272-C				
W9LKJ	124,032-128- 323-C-11				
W9YYG	97,911-129- 253-C-17				
W9GB	70,455- 77- 305-C-30				
K9UCR	65,550- 95- 230-C-31				
W9LVM	57,600- 96- 200-C-25				
W9UDK	55,584- 96- 193-C-15				
W9WR	44,625- 85- 175-C-11				
W9MKL	37,146- 82- 151-A-36				
W9DGK	15,912- 51- 104-A-32				
W9AZP	14,094- 58- 81-B-10				
W9REC	11,172- 49- 76-B-30				
W9PNE	10,500- 50- 70-D-33				
K9OE	9,180- 45- 68-B-26				
W9WR	6669- 39- 57-D-23				
W9MKL	4914- 39- 42-C-15				
W9HPG	3813- 31- 41-B-22				
W9TCU	3000- 25- 40-A-13				
W9QLD	2958- 29- 34-G-10				
W9TNZ	243- 9- 9-A- 4				
<i>Multi-Single</i>					
WA7RUY (+WA7RVA)	1161- 9- 43-A-15				
WA7TBF (+WN7TTC)	462- 11- 14-D- 7				
<i>Wyoming</i>					
K7ORN	24,021- 51- 157-C-44				
W7LCF	216- 8- 9-B- 2				
<i>Michigan</i>					
W8ROF	1,053,708-277-1268-C-88				
W8VSK	534,834-258- 691-B-53				
W8DA	144,699-139- 347-C-33				
W8DSO	114,585-119- 405-B-53				
W8JWN	99,846-129- 258-D-50				
W8DQL	93,936-103- 304-C-16				
W8VMQ	52,539- 83- 211-C-5				
W8BHUD	19,581- 61- 107-E-20				
W8QWG	82,441- 37- 443-F-22				
K9LHH	97,498-113- 171-B-11				
K9LHI	155,493-111- 173-F-22				
K9CLO	97,128-114- 74-B-13				
W8EEF	43,077- 83- 173-C-16				
W9LKI	42,960- 80- 179-F-27				
K9VQK	20,907- 69- 101-C-31				
WA9BWY/9	15,120- 60- 84-C-2				
W9ZTD	1650- 22- 25-C- 2				
WB9BUV	396- 11- 12-B- 7				
K5LZT/9	3- 1- 1-A- 1				
<i>Wisconsin</i>					
W9RQM	429,660-210- 682-C-51				
W9GIL	348,840-190- 612-C-55				
W9PJT	220,320-144- 510-C-				
K9DAF	36,225- 69- 175-E-7				
WB9DRE	34,719- 71- 163-F-20				
WA9VCK	26,136- 66- 132-C-16				
W9TFX	1242- 18- 23-B- 4				
W9GF	504- 12- 14-A- 3				
9					
<i>Colorado</i>					
WA0CVS	725,040-228-1060-E-69				
W0LBW	101,310-110- 307-F-21				
K0FVN	49,440- 80- 206-C-27				
W0NER	5376- 28- 64-A- 8				
K0ZFL	3198- 26- 41-A- 7				
<i>Iowa</i>					
K0DDA	393,093-207- 633-C-40				
K0GXR	263,451-137- 641-C-26				
W0BSY	118,422-129- 306-C-41				
WA0ATY	23,232- 64- 121-C-14				
<i>Kansas</i>					
W0IUB	304,500-175- 580-C-				
WA0TKJ	129,870-130- 333-C-30				
W0YZB	77,910-106- 245-C-46				
<i>Multi-Single</i>					
WB0FGV (+W0YIR WA0TKJ)	348,066-183- 634-C-80				
<i>Minnesota</i>					
W0HP	979,632-267-1223-C-				
W0IYP	366,510-190- 643-C-43				
W0YCR	254,250-150- 565-C-				
W0NAR	219,030-149- 490-C-				
WB0PRS	188,160-140- 448-C-46				
WB0ANT	122,850-117- 350-C-28				
W0GYH	84,132-123- 228-C-28				
W0KMH	38,376- 78- 164-B-16				
W0LP	20,832- 62- 112-A-22				
W0FDK	10,575- 47- 75-C-20				
W0RXL	1980- 22- 30-C-10				
<i>Multi-Single</i>					
WA0ENP (+WA0B BMW YEAW)	884,472-269-1096-C-92				
<i>Missouri</i>					
W0HBH	74,568-104- 239-C-42				
W1FRF/0	74,266- 46- 77-B-35				

## DX Competition

*(Continued from page 68)*

### CHECK LOGS

(W/VE PHONE) VE1AIH, VE4SD, W2FU/1, W2EGI, WB2MEX, W3DS, DL1YB, DL6WD, DM2CHN, DM2CYO, DM3TF, DM3UFJ, DM3XHF, DM3YTF, DM3ZMJ, F9QI, G5BAU, HA4XT, KL7FA, LA1K, LA2LI, LA4KQ, LASKO, LA8XM, OH2BO, OH5YX, OH7RF, OH7SY, OK1AMS, (W/VE CW) W2FU/1, W2EGI, W2LKH, W3CTE, W3DS, W3EBK, W3GQC, SK5AA, SM5BNX, SM5CPC, SM5DEN, SM5TK, SM6BZE, SM6CZU, SM7EH, SM7FYM, SP2AVE, SP3CDQ, SP7CLB, SP9BDQ, UA1WAR, UA3DAO, W3LCX, W4ZC, WA4MFS, W6FZS, W7IWY, W8CL, WB8NTY, W2UJ/9, UA3LM, UA3MV, UA3TAM, UA4DK, UA6AAM, UA6AJG, UA6NX, WB9DDR. (DX PHONE) CR6OZ, CR7AF, C29ED, F6BJA, F9OW, GSBAU, UA9VQ, UA~~0~~DL, UA~~0~~FGM, UA~~0~~WAB, UA~~0~~YAE, UB5FAB, UB5HN, HI8XVM, HK5AIT, OD5EJ, OH7PB, OH7RF, PA~~0~~GN, PA~~0~~NMH, PA~~0~~TV, UB5NA, UC2009290, UC2-009-315, UK3DAA, UK3DAX, UK3LAC, SM2COR, SM5CSS, SM5CVC, SM5GA, SP5BSV, SP9-2220, UK3LAC, UK4WAC, UK5ICA, UK6LAZ, UK~~0~~AAC, UL7JAE, UO5OAL, UP2DZ, UK4WAC, YB5AAQ, YV1KZ, ZB2CO. (DX CW) C29ED, DK5OS, DK5RY, UP2OO, UV3DN, UV3GW, UV9DU, UV9DX, UW6CV, UW6MP, UY5JW.

~~From October 1973 QST @ ARRL~~