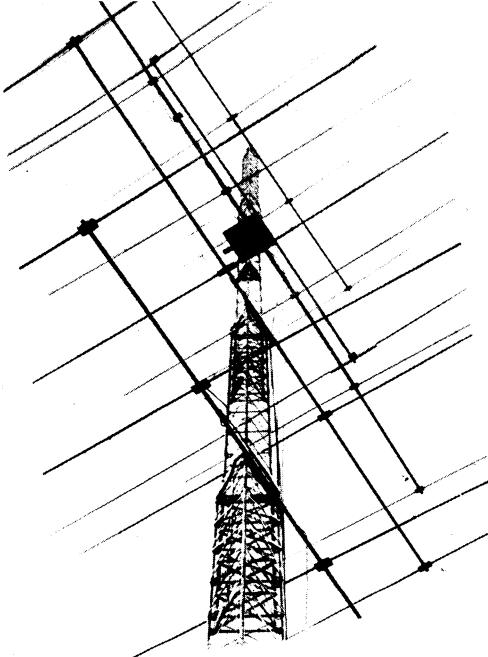


10-METER CONTEST RESULTS

REPORTED BY JIM CAIN * WA1STN



Can you find the W91Y ten-meter antenna? No, we aren't sure, either!

LIKE YOU WERE saying, boss, these contest write-ups are sooo . . . easy when the scores are big and records are set. Was somebody lamenting recently that contesting is a dying art? No, couldn't be. When you've dug yourself out from under that stack of 886 logs for the Second ARRL Ten-Meter Contest held last December 14 and 15, you'll be able to crawl to your calculator and verify that we received seven-and-a-half logs for every six we received for the 1973 affair. Considering that the Ten-Meter Contest is a one-shot affair, with cw and phone all in the same log, the number of individual station entries is rapidly approaching the November Sweepstakes. Not bad for a fledgling contest on a "dead" band, huh chief?

Yeah, you're right about the conditions being better in '74; the usual N/S skip was there plus that fair E/W opening on Saturday and then the really good opening between the U.S. coasts on Sunday. Certainly didn't have anything like that in '73, and the scores show it, I guess we were just living right, seeing as how conditions like that don't show so

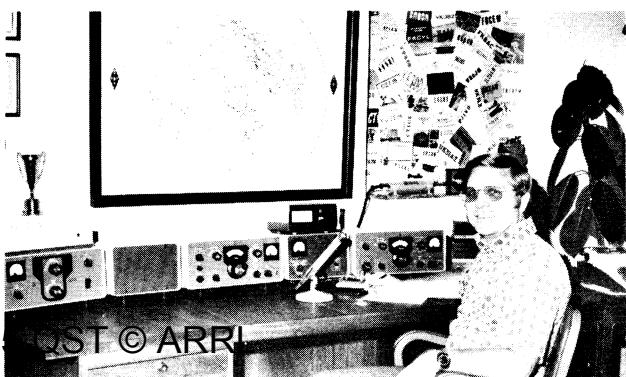
often these dismal days of no sunspots. We won't complain if you won't. Get your specs on and work up that Division Leader box for both single and multi operator, boss; you'll see that new records were set in all but three of 32 spots.

Everything was up this year. The top W/VE score jumped from just short of 80K points to nearly 189K points and changed hands from east to west coast. No, we wouldn't kid you. The average score of Top Ten W/VE inhabitants in 1973 was 58K; in 1974 it leaped to 133K! We're getting a twitch in the little finger from hitting the exclamation mark key so many times already, but there's more. In 1973, the average Top Ten DX entry was 35,209, whilst 1974 saw that same calculation soar to 126K points. It doesn't take any Ph.D. in math to figure that's nearly four times higher.

The Contest Desk tried hard for a Clean Sweep this time but couldn't find Alaska or VE8; in a way it stands to reason, though, because those Northern regions suffer most from the vagaries of propagation. As far as we know there were none of those near-Arctic cats on for the 'test. In addition to accounting for 73 of 75 ARRL sections, logs

*Asst. Communications Manager, ARRL.

W7MPZ/HK3 turned in the fifth-highest score this year, using the omnipresent N/S skip to advantage.





WB0IKW captions his own picture "the insomniac operator."

TOP TEN - SINGLE OPERATOR

W/VE	DX
W6RR	188,760
K6SVL	166,650
WA5LES	153,000
W7SFA	140,432
W5RTQ	129,600
WA6PGB	119,140
K7GWE	117,240
WA8ZDF	109,340
W9LT	108,000
W5QQQ/7	99,978

arrived in Newington by pack train and other modes of transport from a total of 32 DXCC countries and from all continents but Africa, about the same as in '73. It is probably safe to assume that when real intercontinental communication possibilities return to 28 MHz, returns will easily top 1000 logs and close to a DXCC full of countries. Things can only get better and better! Twitch.

Our optimistic outlook must include present-day Novices who are getting their feet wet in the Ten-Meter Contest; over a hundred of the neophites turned in logs this year, an amazing showing considering that some popular Novice equipment does not include the band and that most of the relatively inexpensive rigs in Novice shacks are, at best, poor performers at the high end of their frequency coverage. Add to this the fact

that the primary mode of operation among participants is ssb, with brief sojourns to the very bottom of the band for a few cw contacts and the Novice scores illustrate truly outstanding efforts. 1973's top WN score of 8850 was surpassed only by a handful this year, but the winning Novice total of 23,920 represents something for even many higher-class ops to shoot for. The fact that the Novice winner, WNØMNK, resides in Nebraska is even more gratifying to all those who have noticed the lack of contest action of any kind from that state lately. Oh, yeah, boss, almost forgot. WNØMNK was the over-all Nebraska section winner (partially because a large percentage of his contacts were with other Novices, at double points).

Log-sheet comments showed that many contestants read the 1973 write-up, wherein we asked a question and solicited replies. Should the Ten-Meter Contest be moved to August or left in December? A few said yes, move it, but many said they'd prefer two annual events, one in December and one in August. Now *that* would set some kind of precedent. For 1975 the contest remains in December and everybody keep his fingers crossed for miraculous conditions again.

Opining that only such response would keep the infant in good health, the former grinder of this mill exhorted one and all to keep the activity and log returns high during the '74 Ten-Meter Contest. It appears that not only is the kid healthy, but that he also shows signs of growing into a strapping adolescent in no time. If we can control the growing pains and keep him thinking "Sun-spots" for a while, he's going to be a winner for sure.

Soapbox

Spent 9 hours operating and the rest dozing to the lullaby of receiver buzz on a dead band. — (WB2FUH). Why not have *all* cw activity in the Novice band, to stir up more WN-types? — (WA2LJM). First time I ever heard a signal on ten meters. — (WN2MBM). Despite the hiss, hash, and hush, it was a FB contest. — (W2KHT). Please remove the 50-kHz gap between Novice and other suggested frequencies on cw. — (WN2ZYR). Couldn't operate Sunday because airplane had maintenance problems at K25. This was the first time I've been at the "DX" end and it's an unbelievable experience. — (W2BQF/am R2). Had to make my own Op. Aid form 6; 1975 New Year resolution: Never again will I procrastinate in ordering correct contest forms. — (K4MG). Heard

NOVICE LEADERS

WNØMNK	23,920	WN6DCF	6136
WN3WUI	10,032	WN5LMJ	3780
WN4CTA	7952	WN6EMR	3726
WN8OOE	6250	WN7YON	3000
WN6CZV	6188	WN7ZNL	2684



Two of the Top Ten scores overall came from the Canal Zone. This is Jim, KZ5JM, with the number three score in 1974.

WB6PXP/6 —

This is the L.A. section?



DIVISION LEADERS

Single Op.	Division	Multi-op
W3KDD*	Atlantic	WA3UTA*
W9YT*	Central	WA9AXE*
WA0CPX*	Dakota	WB4ZQO*
W5WMU*	Delta	W4JHE*
WA8ZDF*	Great Lakes	W8UNB*
K2GBC	Hudson	WA2CCF
W0LGW*	Midwest	WB0CE1*
K1JHX*	New England	W1AW*
W7SFA*	Northwestern	K7IDX*
WA6PGB*	Pacific	W6BIP*
W4WSF*	Roanoke	WB4TBO*
W0MS*	Rocky Mt.	WA5FLG*
WB4TVU*	Southeastern	W4AQL*
W6RR*	Southwestern	W6YRA*
WA5LES*	West Gulf	WB5IQG*
VE3BMV*	Canadian	VE3MCH*

* New Record

need for five band WAS. — (K4GRD). Murphy lives in the body of my OM, who had unhooked the receiver from the antenna. I spent all day Saturday listening to what I thought was a dead band. — (WB4NDX). [Sally submitted the neatest handwritten log ever seen in these parts — Ed.] How about serial numbers to help keep track of the competition? — (WB4BUL). Had to work on Saturday and was told I missed the opening to Europe. — (WB8RFB/4). [What opening? — Ed.] We went through a dipole, which fell down, a beam that got sick, a vertical that wouldn't work at ground level and had to be changed in the middle of a pileup, and a xmtr that developed soft tubes in the last hour. After all that we didn't mind the sand storm Saturday afternoon . . . (WA5FLG and second op WB5KPN). Wife had several choice comments regarding scheduling a contest during Christmas shopping time, by next year she will have her license, too. — (K2GKK/5). With an hour of 130-plus and nearly working WAS in one weekend, it would be safe to assume that "TEN IS ALIVE." — (WA5LES). Too many schools have final exams during the week before and after the 10-Meter Contest weekend; I vote for August or September. — (WA5ZBN). This was more than a contest; it was an experience with propagation:

first, the silence, punctuated only by a few locals; then the sudden eruption of signals, first by areas, then from all directions. Soon, they were gone, only to be followed by booming short skip signals. Then, silence accentuated by a few whispering signals struggling to be heard. — (W6EYY). This is more fun than a DX contest; let's have two! — (W6CLM). [In a couple of years it will be a DX contest — Ed.] Heard more DX stations in the Novice band than Novices. — (WA8NAZ/8). Sounded like the largest concentration of operating in a given time on ten meters in the history of amateur radio. — (WB9MOG). I didn't know Santa Clara Valley was a state. — (WB9JLJ). Suggest making all contest formats simple like this one. — (W0IUB). Condx: BLAH. Worked everything I heard. — (SV0WGK/K2UOP). I wasted 3 minutes trying to get my 589th contact on cw to understand his report: 599589. — (T12BEV). One Novice asked me when I would go for a General. Told him I got this call in 1932 and didn't want to drop the "N." — (YN1AA). Where were all the Novices? — (WN6CZV, WB4TBO, WB2TNC/3, WB2DQP, others). Hope the "10 meters is dead after dark" myth has finally been put to rest. — (WB5KCM). I think the meteor shower and eclipse helped — please have them again next year. — (WB0GGO). Move the Ten-Meter Contest to 15 for even higher scores. — (WA1LKU, op. at W8LT). Had a short opening to Europe Saturday. — (HH2WF). [Sob — Ed.]

Second Annual 10-Meter Contest

Scores are listed by section within call area and by country within continent. The highest single operator in each section or country receives a certificate. The highest multiple operator station in each section or country and the highest Novice in each section will receive a certificate if there are 3 or more entries listed in that classification or if, in the opinion of the Awards Committee, the entrant displays exceptional effort. Read the listings (from left to right) call, score, QSOs, multiplier, hours of operation.



New SW Division multi-op record is held by the UCLA club, W6YRA. Operators are (l to r) WA6DPQ, WA7DAC and WB6JAN.

June 1975

From June 1975

© ARRL

VE	K1HRV	9940-140-35-	WA2MFM	19,266-237-39-25	W3HII	1872- 52-18- 6	
Maritime	W1AQE	9282-115-39-	WA2IFS	17,848-194-46-	W3DBA	1320- 59-10- 8	
VE1ANH	8844-134-33-	W1FJJ	8208-113-36- 4	W2EOK	13,858-163-41-	WB2TCN/3	1008- 52- 9-
VE1VI	6724- 81-41-	W1CRL	2356-112-19-	WB2HYO	12,312-171-36-19	K3DI	940- 41-10-
VX1KE	5022- 85-27-	W1GDB	1596- 37-21-	WB2VFT	10,070-131-41- 9	WN3UJE	814- 29-11-16
VO2AG	2848- 72-16-	WA1EOT	1224- 51-12- 1	W2KHT	5720-103-26-	WN3WIQ	432- 30- 6- 5
VE1MX	700- 25-14- 2	W1DDO	624- 26-12-	WB2SLF	3792- 79-24- 7	WN3UHO	416- 24- 8-
Quebec	WA1EZB	460- 23-10- 3	K2OQJ (WA2DVE, opr.)	1300- 50-13-	W3KS	320- 20- 8- 3	
VE2BYR	11,322-151-37-	WN1UAF	210- 14- 7- 4	W2MB	480- 30- 8-	WN3VLA	130- 9- 5-
VE2XL	7448- 98-38-	Maine	New Hampshire	WA2EJZ	418- 18-11- 3	WA3WWR	72- 12- 3-
VE2WA	6624- 90-36-	K1GAX	4234- 73-29-	WN2ZYR	288- 16- 8-	WA3UTA (+K3EST)	175,056-1033-84-
VE2DNM	868- 31-14-	W1SD	2430- 45-27-	WN2UAN	264- 42- 3- 8	W3ZH (W3TUX WN3UUO)	512- 32- 8- 2
VE2AHE	744- 31-12-	WA1SDQ	1232- 44-14- 5	WA2CCF (+WA2SZW)	90- 15- 3-		
Ontario	WA1NMW	1140- 38-15- 4					
VE3BMV	64,500-430-75-	Rhode Island	Southern New Jersey			Western Pennsylvania	
VE3EKS	28,784-257-56-	WA1DLW	31,360-280-56-27	K2JOC	32,384-347-46-13	K3DE	29,036-233-61-29
VE3BVD	21,360-266-40-14	W1FZ	22,880-207-55-	W2FGY	10,922-127-43-17	W3GNR	8758-149-29- 8
VE3HGN	19,710-219-45-	K1CSJ	13,432-146-46- 5	WA2CZI	5656-101-28-11	WA3SZX	5220-143-18-
VE3BWX	7992-111-36-	W1DXB	2650- 53-25- 6	WB2JJN	2880- 72-20- 8	WA3MYI	676- 26-13-
VE3DAC	7560-135-28- 9	W1BPW	1014- 39-13- 2	WN2WXA/2	1008- 34-12-17	WA3SWP	448- 32- 7- 3
VE3UOT (VE3EIQ, opr.)	2850- 75-19- 7	VE3FCH/W1	806- 31-13- 9	WN2YDQ	920- 37-10-16	WA3TRE	306- 17- 9- 1
VE3ECP	2668- 55-23-	Vermont	Rhode Island			W3SN	120- 10- 6- 4
VE3BOK	1887-111-17-	K1IKN	38,500-348-55-13	W2EOS	16,468-179-46-18	K3CHD	2- 1- 1- 1
VE3EXA	1700- 50-17-	K1EGH	32,034-281-57-11	WA2BYJ	15,910-215-37- 7		
VE3EZU	792- 36-11-11	K1LPA	20,502-200-51-19	WB2LOF	13,860-165-42-17		
VE3SLC (VE3DXY, opr.)	726- 26-11-	K1HMO	18,564-182-51-13	WB2TKY	12,690-142-45-		
VE3CKU	660- 22-15-	Western Massachusetts	Western New York				
VE3GFW	520- 26-10- 3	K1HK	18,126-171-53- 9	WB2LEI	4930- 85-29- 9	Alabama	
VE3MCH (VE3Fs ESH)	69,948-522-67-23	WB2CKS/1	9744-115-42-	WB2RJR	4410-105-44- 7	K4MG	20,696-195-52-17
VE3GXZ (+VE3EJE)	10,430-147-35-			W2HLF	1344- 48-14- 8	WB4OXX	14,700-164-42-
Manitoba	1176- 48-12-			K2JQ	12- 2- 2- 1	WB4VKW	9044-133-34- 7
Saskatchewan				K2IGW (+WA2AOG)	25,092-300-41-12	K4ZGB	7888-132-29- 8
VE5RA	4000- 80-25-			WA2NPQ (WA2ICU WB2KUN)	1360- 40-17- 3	W4RAL	7482-115-29-10
Alberta						K4JYO	7248-148-24-
VE6AXD	12,122-209-29-					W4DZZ	2080- 52-20- 5
VE6BCB	4392-122-18- 8					W4MVM	700- 25-14-12
British Columbia							
VE7WJ	56,112-501-56-20	Eastern New York	Georgia				
VE7EL	38,400-400-48-	K2GCB	78,142-443-89-27	WB4TVU	62,376-452-69-12		
VE7ACZ	15,120-213-35- 6	K2ARO	22,344-228-49-20	W4GIW	57,132-414-69-26		
VE7CE	8118-119-33- 5	W2AZO	11,648-178-32- 6	WB4RBJ	44,600-446-50-26		
VE7AAM	3828- 84-22-	WB2FUH	3600- 90-20- 9	WB4RUA	30,996-286-54- 7		
VE7CEX	3432- 75-22-10	WB2SHE	2576- 56-23-	W4KNW	30,184-303-49-13		
VE7BBB	3200- 60-25- 5	WA2LJM	2244- 48-22-	K4EZ	27,878-258-53-12		
U.S.A.		WA2ZHF	900- 45-10-	K4TWK	13,040-163-40-14		
1		K2RES	744- 25-12- 4	W4DXI	12,616-166-38-		
Connecticut		W2IP	440- 20-11-	WA4APG	11,232-133-39-11		
K1JHX	84,720-706-60-	WN2WZV	112- 12- 4-	WA3RBN	52,824-422-62-		
W1SG	73,904-593-62-17		30- 4- 3- 2	WA3INW	26,214-253-51-17		
WA1STN*	39,500-390-50-10	WA2VEN		W3NMR	23,092-249-46-18		
K1BCG	24,062-227-53-24	K2OVS	38,160-354-53-29	WB4WDI	9300-150-31-		
WA1KOC	18,480-208-44- 8	W2KDI	28,184-268-52-25	W4DOD	7080-118-10-26		
W1VWV	13,158-153-43- 6	WB2DLV	27,166-283-47-24	K4KZP	2728- 62-22-		
K1CPJ	8580-130-33-15	WB2FVS	25,608-288-44-17	W4WRV	1800- 50-18-		
W1PRT	5136-105-24- 7	WB2GXW	21,730-259-41-11	WA3ETB	8120-130-29-14		
WA1QNF	5082-118-21- 6	W2LEJ	18,360-203-45-20	WA3VRR	7980-114-35-		
W1VH	5000- 88-25-14	WB2MAN	15,510-235-33-17	WA3RID	7254-114-31-14		
WA1RZA	4788-113-21-	WA2YHK	8112-154-26-10	WA3LVR	5200-100-26-		
W1GIRE	4784-100-23-	WA2SUH/2	5040-166-23-22	WA3RCA (WN3YYZ, opr.)	4806- 89-27- 7		
K1WJB	4428- 82-27-	W2BTLD	5050-104-26-22				
WA1NGL	3276- 63-26- 9	WB2JSJ	5356-103-26-15	WA3SZI	4692- 99-23-		
W1FTX	2090- 55-19-	W2LIP	5104-114-22- 5	W3YXO	2360- 58-20- 4		
W1TX	1504- 46-16- 3	WA2IDS	5104-104-24-	W3LC	1650- 54-15- 4		
WA1IOX (K1ZND, opr.)*	1484-105- 7- 3	WB2CHY	3030- 99-15-16	W3NID	1368- 36-19- 5		
WA1NKZ	1260- 42-12- 4	WB2TSB	2432- 75-16- 6	WN3WMF	740- 28-10- 4		
WA1NLD	924- 33-14- 2	W2MCB	2040- 51-20- 5	WN3UDS	504- 24- 7-		
W1IVB	720- 38- 9- 3	WA2OQO	1960- 64-14- 9	WA3TMT	110- 11- 5- 1		
WN1TDN	720- 38- 8-17	WB2ZH	1920- 80-12- 9	WN3WSB (+WN3YLP)	5040-112-21-18		
WA1FCN	432- 18-12-	WB2ZHZ	1854-100- 9-	90- 8- 5-	WA4JHE (+WB4ASW)	57,070-422-65-26	
WN1SDX/1	216- 18- 6-	WB2DQP	1608- 54-12-				
WNIUAW	120- 8- 5- 3	K2HTO	1224- 63- 9-	North Carolina			
WA1SHU	28- 6- 2-	WA2UAJ	480- 30- 8-	K4REZ	19,548-181-54-		
W1AW (K1ZND WA3JSU)*	20,884-224-46- 7	WB2NXF	360- 35- 5- 7	K4YR	11,610-258-45-		
Eastern Massachusetts		WB2AMU	294- 21- 7- 4	WA4MDW	9520-140-34-		
WA1HFN	75,072-552-68-28	WB2EHM	280- 20- 7-	WB4YJP	5208- 84-31- 8		
K1PHJ	34,980-265-66-21	WA2PKL	246- 39- 3- 2	WA4DEQ	3304- 59-28- 5		
WA1LZA	18,444-174-53-11	WB2MBM	240- 24- 5-	W4ACY	2478- 59-21- 5		
W1BVB	17,550-195-45-16		30- 3- 3- 2	WA4MWP	1224- 35-17-		
W1DAL	13,416-155-43- 6	WB2LDM	138- 23- 3- 2				
Northern New Jersey				Northern Florida			
WB2FIT	46,482-379-61-15	WA2JPT	26-22- 57-23- 8	K4LAN	35,156-374-47-		
W2GXD	38,164-326-58-	WA3VSG	2550- 85-15- 6	WB4ICV	34,006-347-49- 9		
WB2LDN	29,274-284-51-25	WB3TOS	4356- 99-22-	W4OZF (WA4GAJ, opr.)	29,700-270-55-11		
		W1FLM/3	1900- 93-10-	W4WKQ	22,264-253-44-		
				WA4BTC	2508- 57-22- 3		
				K4WP	2268- 51-21-11		
				WA4GAJ (W4OZF, opr.)	540- 540- 27-10-		
				South Carolina			
				K4GRD	41,202-319-63-		
				K4IJ	21,930-214-51-14		
				WA4ULL	17,700-177-50-16		
				WA4EWX	10,872-151-36-15		
				K4ICX	10,406-116-43-10		
				WA4DLY/4	10,208-116-44-14		

WB4OQL	8664-113-38-	New Mexico	W6FW	3906- 63-31- 8	K5SHQ/6	35,966-366-49-	
WA4LBO	8092-111-34-19	K5EFW	58,080-484-60-22	K6YYQ	3864- 68-28- 8	WB6POQ	20,768-235-44-
Southern Florida		K5VVT	53,028-491-54-11	K5MHG/6	1332- 36-18- 4	WA6EHM/6	
WB4OSN	57,900-380-75-	WB5DKQ	33,934-342-47-15	WB6DFA	684- 36- 9-		15,824-184-43-12
WB4OGW	23,920-180-65-	WB5LZC	29,900-325-46-19	WA6EGB	580- 29-10-	W6KYA	10,434-134-37-
K4UTE	9592-109-44-	K5MAT	16,008-174-46-5	WA6ZKI	504- 21-12-	WB6HNX	6,256- 92-34-
W4BYT	7458-113-33-16	K5LRY	7168-112-32- 9	WA6HXF	192- 31- 3- 7	WN6DCF	6136- 99-26-12
K4HTU	6552- 90-36-20	W5SQNQ	5340- 89-30- 6	W6YRA (WA6DPQ	77-23- 7	W6LOI	3588- 77-23-
K4FRG	4588- 74-31-13	WB5HAE	3264- 68-24-	WA 7 D A C)		WN6BRV	552- 18-12- 2
W4JKJ	4368- 91-24- 6	W5TIL	2496- 52-24-	121,824-845-72-20	W6TEE/6	20- 5- 2-	
WA4FYZ	3036- 66-23-15	W5RE	1408- 38-16-		7		
K4HWW	2420- 55-22-	WA5FLG (+WB5KPN)	14,000-175-40-20	91,648-699-64-			
WB4QFH	2392- 46-26- 2						
WN4HWH	1088- 29-16-14						
K4BZH	952- 27-17-10	Northern Texas	WB5HIH	74,550-525-71-16	K6ELX (+W6ABP)	Arizona	
W4ZTB	552- 22-12- 8	W5SSVZ	44,756-334-7-20	55,620-511-54-20	K7PXI	72,704-568-64-	
W4EEO	450- 15-15-	W5LUJ	25,200-247-50-	WB6UCC (+WB6UFW)	71,040-551-64-		
WN4IKG	180- 12- 6- 5	W5QGZ	24,640-308-40-10	7656-112-33-10	WA7YRP	37,312-349-53-21	
Tennessee		K5VTA	10,872-150-36-9	Orange	K7AL	29,344-262-56-16	
W4DUP	24,840-230-54-19	K5CSM	10,440-139-36- 8	WA6FIT	K7JVR	22,932-234-49-	
WB4ASA	16,334-227-36-18	W5QF	1944- 31-27-	WA6WZO	K7BR	15,498-188-41-10	
WB4NDX	10,360-140-37-11	K5WIQ	1080- 30-18- 2	25,818-283-49-27	K9DKW/7	96-20-130-37-	
WB4WKE	8896-139-32- 6	W4GXW/5	30- 5- 3- 1	W6ARK	WA7VTM	6,800- 90-34- 7	
W4PHW	8880-110-37-	WB5JBP (+WA0LPK)	45,248-404-56-18	W6OOH	W7AFG	5208- 83-28- 3	
WN4CTA	7952-117-28- 8			K6CID	WN7YON	3000- 59-20- 4	
WA4FDR	330- 15-11- 1			WA8DZD/6	WN7ZNL	2684- 49-22-10	
W4OGG	230- 23- 5-	Oklahoma	W5LW	706-107-33-11	K7KFE	2576- 53-23-	
K4KTX	48- 6- 4-	W5NLMJ	10,492-112-43-	WA6DBX	W7FCD	1332- 30-18- 1	
WB4ZQQ (+WA4AVB)	3108- 73-21-12	K5JVF	3780- 72-21-33	WN7ZGY	WN7ZGY	6- 2- 1- 1	
Virginia		K5DEC	3480- 60-29-12	WA8NSH/7 (+WA7TCJ)	WA8NSH/7	67,284-534-63-25	
W4WSF	94,864-616-77-24	W5KS (WB5LOZ WA7LKI)	702- 27-13- 4				
W4IWZ	58,212-439-66-32	9730-139-35- 7					
K3IGA/4	48,510-385-63-30	Southern Texas	WA6PGE	80,484-706-57-	Idaho		
WB4BUL	41,310-405-51-	WA5OE	39,904-342-58-	K6QPH	W7GHT	16,798-226-37-	
W4KFC	31,136-278-56-	W5LW	10,492-112-43-	W6PRP	W7IWU	638- 25-11- 2	
K4JWD	23,544-217-42-	W5NLMJ	3780- 72-21-33	WA6HTK	W7UQ	(W7UFQ WA9RAT	
K4EBY	16,340-214-38-	K5JVF	3480- 60-29-12	WN6CZV	W B Q D H U)	8832-138-32-	
W4IML	13,200-165-40-20	K5DEC	702- 27-13- 4	Santa Barbara	Montana		
WA4CJT	10,224-142-36- 9	W5KS (WB5LOZ WA7LKI)	9730-139-35- 7	WA6PGB	WA7IJN	9200-175-25- 6	
K4EZL	8568-152-28-			WA6EYY	WA7GKF	8910-164-27-	
K4EJG	7208-106-34-16	K5VTV	17,820-197-45-21	WA6GFTY (WB6EXW, opr.)	K7CPC	2288- 51-22-	
WA4BIX	5644- 83-34-14	WB5DDI	16,456-187-44-10	W6OCP	WA7LR	1904- 55-17- 1	
K4LDR	5544-126-22- 4	WA5TPO	14,800-182-40-12	W6HCI	WA7TZD	684- 38- 9-	
K4JMM	4420- 81-26- 5	WB5KCM	14,256-162-44-11	W6GSC	Nevada		
W4MYA	4118- 71-29-	W5QWF	10,560-176-30	W6CLM	K6MQX/7	6,260-505-62-12	
W4DSW	3024- 63-24-	WB5HGS	7326-111-33-	WA6GDT	WA7KNX	60,928-544-56-16	
WB4TEL	1632- 51-16-	WB5NDQ	4350- 86-25-11	W6HAD	W7WE	33,762-331-51-	
WA5KNC/4	1296- 36-18-15	WA5LTQ	4150- 83-25-10	WN6BYO	W7ABX	12,180-174-35- 4	
K4RDW	1184- 36-16- 4	W5RBB	3976- 68-28-	W6BWSL (K6ODK WA6ROM	W7MWF (+K6HIT)	60,000-500-60-18	
WB8RFB/4	572- 22-13- 5	WB5HSHD	2688- 64-21-	WB6s AAJ UOC WN6GSZ)			
WB4AXL	392- 28- 7- 6	W5ELN	1232- 44-14- 5	33,370-352-47-	Oregon		
W4TMN	340- 17-10- 7	WB5FKC	1008- 32-14-20	W6RCD	WA7SJV	68,688-610-54-	
W4YZC	340- 17-10-	W5QCL	1000- 25-20- 6	W6AXX	WA7PEZ	67,650-601-55-21	
WB4WVC	140- 10- 7-	WA5FOE	858- 33-13- 4	W6ZMX	WA7ABK	63,012-529-59-13	
WA4UXQ	120- 12- 5-	W5EDX	144- 16- 9-	W6QWZ	WA7TDZ/7		
W4ZRJ	2- 1- 1-	K5LZJ	40- 5- 4- 1	W6PQF	51,700-510-50-26		
WB4TBO (+WA4s BFY BKQ)	57,084-423-67-26	WB5IQG (+WN5LZM)	68,556-590-58-11	W6K6K	15,334-187-41- 7		
WA4YBV	(+ W B 4 K J F			K6GKU	WA7USX	11,520-169-30-	
WA6CXK)				W6GKD	W7NFC	7350-105-35-20	
41,076-318-63-				W6WGL	W7ZI	5320- 76-35- 6	
5		East Bay	WA6ZPL	18,800-200-47-16	W6GKZ	W7AHZ	5022- 81-31- 9
Arkansas		WA6WVH	13,320-174-37-13	WA6UFGY	WN7AAAN	3776- 61-21-	
WB5IPT	39,192-341-56-	WB6WFZ	10,744-158-34-13	San Diego	Utah		
WB5ANK	35,476-362-49-21	W61QT	10,260-135-38-	W6RCD	K1PKQ/7	52,192-466-56-10	
W5PBZ	26,936-259-52-21	W6RQZ	8448-132-32- 1	W6AXX	WA7UZU	29,484-351-42-11	
WB5ANK	1376- 43-16- 6	WB6YBN	8400-140-30- 7	W6ZMX	Washington		
WSQFW	792- 33-12- 3	WB6FZG	5940-110-27- 8	W6ZWT	W7SFA (K7JCA, opr.)		
K5CTC	690- 23-15- 2	WA6NOC	5712-102-28-12	W6JZZ	140,432-1028-67-30		
Louisiana		W6RGG	1512- 61-12- 3	W6K6H	K7GWE	11,172,40-97-60-27	
W5WMU	98,280-627-78-18	Los Angeles	W6RR	10,212-138-37-11	VE7ZZ/W7	99,978-877-57-	
WSUDK	60,268-488-61-	K6SVL	166,650-1111-75-22	K6ZXS	93,296-828-56-24		
K5RNM	36,512-316-56-27	W6KNC	56,624-505-52-10	K6SRM	63,180-584-54-23		
WB5CMi	19,500-250-39-21	K6VNX	56,492-480-58-	WB6AGP	59,972-606-47-		
W5WG	18,040-200-44-20	WA6YOF	51,516-476-54-20	W6VPB	16,608-423-48-15		
K5LZX	16,058-217-37- 9	WB6ZVC	26,488-298-44- 6	W6QBQ	33,884-394-43-10		
K5LVZ	10,260-135-38-14	WA6WVO/6	23,406-241-47-21	W6BIP (+WA6DJ1)	33,702-411-41-1		
WSGHT (WB5GVE, opr.)	10,244-197-26-13	WA6BDB	22,532-256-43-29	W6K6H	23,902-123-37-11		
WB5KIA	6050-121-25- 9	W6EJJ	20,492-210-47-11	K7YRQ	11,914-161-37-1		
W5OB	2640- 57-22-	WA6TLV	18,900-269-35- 4	K7MKS	13,568-201-32-		
Mississippi		W6RTT	17,136-202-42- 3	W7GLS	11,700-161-37-13		
W5MUG	22,686-199-57-12	W6LUL	14,96-245-37-10	WA7JCB	10,230-155-33- 8		
W5PPW	20,200-200-50-21	WA6LYK	14,184-190-36-11	W7MCU	9990-135-37-13		
WB5HVV	15,120-212-35-12	WA6GWM	11,424-167-34- 6	K7MOK	9982-160-31-11		
W5AO	4592- 56-41-20	WA6EGJ	8990-145-31-18	K7GGD	8832-138-32- 5		
W5SFHA	880- 44-10-	WA6GRB	8892-117-38-20	WA7PVE	7616-136-28-14		
		WA6WWU	7920-121-30-	W7DFO	5832-107-27-		
		WA6GSV	5600-100-28-	W7GYF	4320- 90-24- 2		
				WA7WMB	3632- 85-22- 4		
				WA7UVS	2664- 65-18-		
				W7JEG	1586- 61-13- 3		
				W7WRT	1120- 35-16-		
				K7UWT	448- 32- 7-		

WA7IOF	300- 14-10- 3	WB8HEY	30,012-242-61-12	Ø	KØRDF/Ø	50-	5-
WA7IBD (K7UWT, opr.)	192- 16- 6-	WB8TKH	4968-103-23-19	WNØMS (WBØCMM, opr.)	WNØMKR	20-	4- 2- 2
WA7ZSJ/7 (K7UWT, opr.)	152- 19- 4-	W8JWX	440- 22-10-	Colorado	South Dakota		
K7IDX (+K7HTZ W7DZO)	76,002-710-41-			K4ANW/Ø	69,888-546-64-24	WAØCPX	53,720-395-68-19
W7DG (WA7s ILC QWG SHN ,VKE/WB7AGW)	14,350- 192- 36- 17	W9IY	96,832-712-68-23	WBØDJY (WBØWL, opr.)	WBØHJM	960- 39-12- 4	
Wyoming	13,464-198-34-	K9HMB	83,804-574-73-19	WBØNP	39,786-349-57-	WBØLJM	858- 32-13- 4
WA7WLT	3400- 84-20- 7	WB9JUL	52,576-414-62-27	WBØTPO	32,280-269-60-10	DX	
		K9EGA	51,584-386-64-	WBØLVR	22,842-243-47-15	ASIA	
		W9OEQ	35,256-334-52-21	WBØOW	16,036-211-38-17	Thailand	
		WB9HAD	33,936-301-56-10	WBØETT	15,656-196-38- 7	HS2AIG	420- 42- 5- 3
		K9ARZ	33,904-326-52-18	WBØMVR	10,912-176-31-14	Japan	
		K9BGL	33,060-288-57-16	WAØYNQ	10,750-125-43-18	JA6UBK	46 76-167-14-
		WA9IXF	22,088-249-44-14	KØYDO	10,132-149-34-12	JA2DYI	2486-113-11-
Michigan	W9DL	18,560-221-40-10	WBØCGJ	1406- 33-19-10	JA1YJF (WA3VWJ, opr.)	256- 32- 4- 3	
K8NWD	49,796-415-59-28	WA9LVJ	18,130-241-37-11	WBØLFN	930- 31-15- 5	JA1OP	248- 31- 4-
W8CNL	38,988-341-57-13	W9YYG	17,572-189-46-10	WBØLFO	858- 33-13- 5	JA8GO	160- 16- 5- 6
WB8SIB	35,032-322-54-	W9VBV	15,580-181-41- 6	WBØLOI	272- 17- 8-	JA5BLF	154- 11- 7-
WB8FUO	34,870-314-55-20	WA9LEY	13,884-178-39-	Iowa		JAØRQO	128- 16- 4-
W8CQN	19,968-205-48-	WA9SVZ	8880-120-37- 7	WAØVKF	24,174-237-51- 9	JR1NZ/JD1	48- 6- 4-
W8KPL	19,136-193-46-15	W9OHH	8160- 99-40-	WBØMHK	23,400-260-45-10	JA3OEA	32- 8- 2-
W8AP	17,114-199-43-	W9QWM	7548-222-34-	WA3PWL/Ø		EUROPE	
WB8BGY	15,680-191-40-	W9RHE	6612-112-29-	WBØEJL	18,540-201-45- 9	Azores	
WB8QXR	14,080-176-40-13	W9UDK	6150-123-25-	WBØII	9310-133-35- 4	CT2BN	7344-108-34-
WB8SJS	13,120-158-41-13	W9NOLF	4150- 81-25- 4	WBØEGI	8774-103-41- 6	England	
W8JWN	12,388-159-38-	W9NOLF	4000-100-20-18	WBØHJK	6408- 89-36- 6	G3FXB	3312-138-12-25
K8NGR	11,890-145-41-	W9NOLF	2772- 62-18-11	WBØLNF	2544- 53-24-	G3MXJ	3136-112-14-
W8VPD	10,184-134-38-18	W9ATF	2600- 65-20- 7	WAØBVW	832- 32-13- 6	G4BUE/G4	930- 93- 5-
W8HNI	10,100-202-25-13	W9BPJ	2408- 86-14-	WAØBVW	352- 16-11- 6	G3CWL	60- 30- 1- 4
K8ZVF	9940-141-35- 8	W9LBQ	2200- 51-20- 8	Kansas		G3RCV (G3s VLX XMD ZAY G4DCV)	880-110- 4-
WB8NVD	7830-144-27-11	W9IPT	1886- 39-23-	WBØIUB	40,932-379-54- 8	Scotland	
W8DSO	7772-134-29- 9	W9N9LQ	1500- 59-10-	WBØCZR	32,108-349-46-17	GM3OLK	24- 12- 1-
K8NTK	7560-135-28-19	W9N9NEO	1456- 80- 8-	WBØPBQ	18,800-200-47-12	Greece	
W8SS	4928- 87-28- 6	W9N9NEY	1170- 36-13-16	WBØIEW	7616-119-32-12	SVØWGG	60- 6- 5-
K8LJQ	4402- 63-31- 4	W9REC	1008- 33-14-	WBØDEP	4756- 81-29-	NORTH AMERICA	
K4FW/8	2592- 79-16-	W9REEH	980- 33-14- 6	WBØDOZ	2700- 54-25- 6	Haiti	
WB8MF1	2346- 51-23-13	W9REC	1008- 33-14-	WBØDT	280- 14-10- 2	HH2WF	75,600-691-54-15
WB8PFA	2304- 72-16- 7	W9KXX	564- 47- 6-10	KØIEA	39,416-375-52-	Dominican Republic	
W8RXD	1824- 42-16-	W9DTB	504- 28- 9-	WBØAZD	16,318-199-41-	HI8LC	1794- 39-23-
WA8NAZ/8	936- 37-12- 5	W9N9J	396- 33- 6- 5	WBØUYL	14,104-164-43-	Honduras	
W8TZZ	372- 30- 6- 3	W9N9NHV	368- 34- 4-	WBØIKW	10,406-121-43-33	Guantanamo Bay	
WA8AWU	108- 18- 3- 1	W9HOT	256- 14- 8-	KØMPH	9600-147-32-33	KG4NY	8712-132-33- 7
WN8RUQ	10- 3- 1-	W9ALL	200- 18- 5-	WAØOOS	6848-107-32- 5	Puerto Rico	
K8PAO (+WB8CKW)	26,790-285-47-	W2UJ/9	198- 11- 9-	WBØFKW	5656-101-28- 8	KP4AXM (K1OTI, opr.)	
Ohio		K9UYK (+K9AKS)	10,430-149-35-12	WBØGKH	4800- 80-30-	11,022-167-33- 3	
WA8ZDF	109,340-683-77-28	Indiana		WBØDGS	3132- 58-27- 5	KP4DSO	10,008-138-36- 5
WB8IAY	31,104-323-48-21	W9LT	69,546-503-67-24	WBØHSN	2860- 65-22-10	Canal Zone	
WA8ZAN	29,044-272-53-	WB8CEP	38,862-381-51-	WBØHLI	2576- 53-23-	Honduras	
W8KEL	26,730-243-55-20	W9LXV	25,272-243-52-18	WAØUCU	2250- 73-15- 6	HR1AT	10,064-148-34-10
W8JAQ	28,872-227-56-15	W9LKI	22,684-214-53-	WBØHW	17-8- 61-14- 3	Guantanamo Bay	
K8QGC	25,480-243-52-	WB9MDB	10,360-146-35-	WBØOWY	1548- 43-18- 2	KG4NY	8712-132-33- 7
K8RMK	24,910-260-47-16	W9Y7ZD	9216-144-32-10	WBØEMI	792- 44- 9- 7	Puerto Rico	
WB8AYC	24,640-304-40-10	K9TZH	6440-115-28- 3	WBØCQL	104- 26- 4- 1	KP4AXM (K1OTI, opr.)	
W8IMZ	21,412-202-53-16	WB9LUG	5518- 87-31- 7	WBØLGW	58,098-421-69-	18,286-1115-82-16	
WB8JBR	13,776-164-42-	WA9FUD	4400-110-20- 6	WAØPAO	32,376-284-57-18	KZ5JM	150,516-1017-74-
W8LCY	11,988-153-73-	WA9GRF	4256- 76-28- 7	WBØGGO	26,100-260-50-18	Greenland	
W8NPQ	8128-113-32-15	W9MDW	3404- 74-23-	WBØCCF	13,520-169-40-13	Costa Rica	
W8UMD (WA8TGX, opr.)	7728-138-28- 6	W9WPNP	2550- 74-17-	WBØQHY	10,988-134-41-19	TI2BEV	228,468-1411-79-
WB8MMF	7728-181-21-14	W9JGH	400- 14-10- 5	WBØLTD	5886-100-27- 6	Belize	
WN8OOE	6250- 99-25-13	WA9WMK	48- 6- 4-	WAØNVZ	4292- 74-29-10	VP1FF	99,876-609-82-23
WB8KQJ	6060- 84-30-11	WA9AXE (+K9JCR)	31,620-308-51-32	WAØCNS	3680- 80-23- 8	St. Lucia	
W8MH	5500-120-22- 9	WA9FWY (+WA9MXG)	24,420-221-55- 8	WBØCD	3216- 67-24- 8	Mexico	
WB8PHI	5208- 87-28-	W9YB (WB8s BWB KPT)	17,384-212-41-15	WBØLFY	2240- 70-16- 9	XG1J	24,966-219-57- 6
K8MLO	4424- 73-28- 6	W9B8s	108,000-716-75-26	WBØJQA	1440- 48-15-	Nicaragua	
WN8QED	4320- 83-20-20	WB8QJ	64,820-452-70-19	WBØLTF	868- 31-14- 6	Cayman Islands	
WA8JXE/8	1230- 38-15-	WA9WPK	15,640-227-34-14	WBØMQL	576- 32- 9- 4	OCEANIA	
W8KAJ	1180- 51-10- 6	WA9WPK	5234-121-22-10	KØBQI	462- 42-11- 9	Hawaii	
K8KSN	760- 38-10-	WB8QJ	2156- 49-22- 4	WBØCEI (+R. Neu.)	39,884-338-59-28	VP2LAW	8680-140-31-
WN8PJR	308- 17- 7-	WB9IFG	1144- 44-13- 7				
WB8HLI	208- 13- 8- 4	WB9NME	360- 18- 9- 4				
W8UNB (+WN8RWF)	57,070-439-65-	WB9JWO	342- 19- 9- 1				
WB8JBM/8 (WB8s DQP JUI OUE)	42,224-359-58-25	WB9KZI	70- 6- 5-				
WB8ZS (WB8s IBZ JXS)	39,786-328-57-21	WB9LSS	54- 9- 3- 1				
WB8IZS (+WB2FGA WA8YEE)	36,516-357-51-18	WN9OWJ	36- 5- 3- 1				
WB8ILW (+WB8s JKY OFR W N 8 R D O)	10,726-170-31-27	WN9PTX	4- 1- 2-				
West Virginia		WN9OEC/9 (+WN9LHK)	1872- 56-13-				
WB8MOI	47,212-404-58-18						
WB8CUL (WB8IJW, opr.)	36,936-322-57-26						

(Continued on page 75)

annual meeting in Tacoma at the Holiday Motor Inn on June 14, 15.

Washington — The YLISSB, Inc. is having a convention on Orcas Island, June 20-26. **[QST]**

WEST VIRGINIA STATE CONVENTION

Jackson's Mill

July 5-6

The 17th annual West Virginia State Radio Convention, sponsored by the West Virginia State Radio Council, will be held at Jackson's Mill State 4H Camp the weekend of July 5-6. Preliminary program highlights include a technical forum conducted by Lew McCoy, W1ICP; an ARRL forum featuring a discussion of restructuring by Perry Williams, W1UED; MARS, phone and cw net meetings; emergency preparedness forum; a pizza party; code copying contest; free swimming in the newly installed Olympic-sized swimming pool; plenty of good West Virginia food and friendship and much, much more.

This convention is truly a fun-filled family weekend in the beautiful mountains of West Virginia. You won't want to miss it!! Registration: tickets are \$3 each or 2 for \$5. This fee entitles you to participate in the many activities of the convention, but does not include any food or lodging. Full registration tickets (include meals, lodging and all activities of the convention): Pre-registration — \$12. At the Mill — \$14. Children (under 8) \$8. Full registration tickets available from Dorothy Morris, WB8LAI, 1136 Morningstar Lane, Fairmont, WV 26554. \$3 tickets from G.W. Puzzuole, K8QEY, 3616 Morgan Drive, Weirton, WV 26062. Friendship free!! Brochures were mailed in early May by the Tri-State Amateur Radio Association, and if you are not on their mailing list, write to West Virginia State Radio Council, 182 Monterey Drive, St. Albans, WV. 25177 for further details. See you there!

GEORGIA STATE CONVENTION

Atlanta

July 5-6

Spend a fabulous Fourth of July weekend at the 47th Annual Atlanta Ham Radio Festival and ARRL Georgia State Convention. The center of activity will be the Royal Coach Motor Inn, I-75 North, for two big days, July 5 and 6. Highlight of the Festival will be the Saturday night banquet with keynote speaker FCC's A. Prose Walker, whose topic will be "Docket 20282 — Restructuring." Activities cover every phase of amateur radio including ARRL Forum, FCC examinations, biggest flea market and manufacturers' display in the South, special events for XYLs and Junior Ops, Sunday afternoon awards presentation, MARS meetings, technical programs — something of interest to every ham and his family. Plus, special hamfest low admission prices for amusement parks and attractions around Atlanta.

Pre-registration is \$2 per person or \$4 per family (\$3 or \$5 at hamfest). Special hamfest motel rates are \$16 single and \$21 double (children under 13 free). For additional information write:

COMING ARRL CONVENTIONS

July 5-6 — Georgia State, Atlanta.

July 5-6 — West Virginia State, Jackson's Mill.

August 1-3 — Canadian Division, Calgary, Alberta.

August 29-September 1 — Atlantic Provinces, Moncton, New Brunswick, Canada.

September 12-14 — NATIONAL, Reston, Virginia

October 10-11 — Great Lakes Division, Columbus, Ohio.

October 17-19 — Midwest Division, Lincoln, Nebraska.

October 24-26 — Southwestern Division, Ventura, California.

November 1-2 — New England Division, Hartford, Connecticut.

NOTE: Sponsors of large ham gatherings should check with League Headquarters for an advisory on possible date conflicts before contracting for meeting space. Dates may be recorded at ARRL Hq. for up to two years in advance.

Atlanta Ham Radio Festival, P.O. Box 76553, Atlanta, Georgia 30328. **[QST]**

Mobile Microphones

(Continued from page 48)

with the noise-reduction capability. The color is black.

All of the microphones gathered here, except the 355C, have frequency responses of approximately 300 to 3000 Hz. The price class for the M+2U, +350, 355C, and NC350C are, respectively, \$50, \$50, \$20 and \$21. The manufacturer's address is Turner, Div. of Conrac Corporation, 909 17th Street, N. E., Cedar Rapids, IA 52402. — *WICER and WA1ABV*

10 Meter Contest (Continued from page 62)

KH6IGC	20,300-203-50-	Argentina
KH6GMP	14,444-157-46-	LU8AJG 102,240-710-72-
		LU2AFH 37,932-327-58-
Marshall Islands		LU6EAM 27,432-254-54-
KX6GS	5376-112-24-10	LU3HAK 19,448-187-52-
Australia		Netherland Antilles
VK2QM	264- 22- 6-	PJ2VD 84,608-658-64-
		PJ2RR 70,184-566-62-
New Zealand		PJ9BN 9306-141-33- 5
ZL1WN	2360- 59-20- 4	Brazil
ZL2HE	460- 23-10-	PY7AOR 36- 6- 3-
Western Samoa		Surinam
SW1AU	36,712-353-52-	PZ5FB 20,184-174-58-
		Venezuela
SOUTH AMERICA		YV4AGP 106,624-833-64-
		YV5EED 52,334-317-51-14
Bolivia		
CP1EU	15,930-177-45- 5	AERONAUTICAL MOBILE
Ecuador		W2BQF/am2 35,226-309-57- 6
HC1EE/HCS	35,504-307-56-	Check Logs
		Colombia
		W1FKW WA2WUD WN3WSS
		W4MML WB4WDH K6JFY
W7MPZ/HK3	158,096-964-82-21	W6OAL W9ERZ JH1LKH.