



WA6FIT, Orange

Results, 1st ARRL 10-Meter Contest

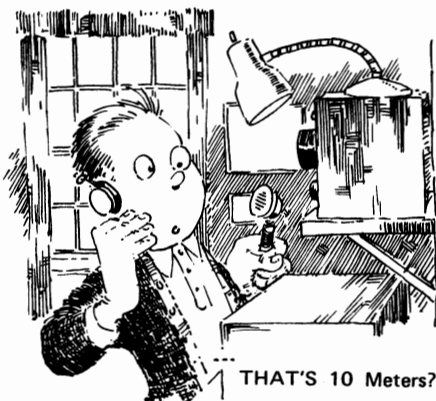
REPORTED BY RICK NISWANDER,* WA1PID

THE FIRST ANNUAL 10-Meter contest was a smashing success by all indicators. This baby of the varied ARRL contest family opened its mouth at the moment of birth and let out a triumphant cry audible throughout the world. Even the short incubating period (necessitated by the desire to get something going quickly) seemed to have no ill effects on the eventual eventful outcome — 720 logs from 65 (out of a possible 71) sections and 29 foreign countries on all 6 continents. That stellar showing is, to a major extent, due to those who made a handful of contacts, because of various limitations, but still turned in their logs to bolster the totals. These are the unsung heroes of this contest — not only did they increase the scores of some of the stations going out “for blood” but

*Asst. Communications Manager, ARRL

they also swelled the ranks of the “listed” to make this contest the biggest in log returns for a first-time event. In fact, in this premiere go-round the 10-Meter contest placed 4th, log wise, in the League contest structure — right behind SS, DX Test and FD. The amazement was rampant in these parts as log returns pushed past 500 . . . 600 and then . . . 700 (gasp!) and it had us frantically searching for dictionaries and thesauruses (or is it thesauri?) in hopes of finding words which could adequately explain the phenomenon.

The amazing part of the 10-Meter contest was that it was successful *in spite of*, not because of, the conditions. Anyone who as much as listened during the contest period knows conditions were “el-stinko” on December 15-16. However, perseverance and taking advantage of the various propagation modes 10 offers paid off with some nice QSO totals by a large number of participants. This contest shows what can be done on 10 during an average winter weekend when people get on and try. Ed Tilton, W1HDQ, author of the informative “Tips on Ten” article in March 1973 *QST* has this to say about the propagation shown on 10 during the contest: “If you took out the brief and scattered F-layer openings to the West Coast, inboard states and foreign countries, this contest was almost a carbon copy of 6-meter operation in the VHF Sweepstakes. There was ionospheric scatter in the morning hours (500 to 1200 miles), tropospheric scatter all the time, although better in the morning hours, and the typical VHF coverage of 150 miles, for the better stations, around the clock. It was the first time that I’ve heard these modes used to anything like their potential on 10. People work this kind of thing every weekend on 6 and they really pour it on on contest weekends. I’m sure that a lot a people learned something of the true potential of the 10-Meter band that they



Roger, WB8NDC, used his TS-511 and a quad antenna to snag 106 QSOs and 17 multipliers — good enough for 5th spot in Michigan.

TOP TEN — SINGLE OPERATOR

	W/VE		DX
W1BGD/2	79,968	KZ5NG	122,056
K3EST	73,074	LU5HFI	58,788
K7GWE	64,020	TI2WX	43,276
WJ5SKY	60,720	LU8AJG	37,696
W5RTQ	58,032	PJ1VD	28,612
W5QQQ/7	56,350	ZF1AG	25,100
W6RR	49,808	XG1J	13,908
K6SVL	49,680	ZE8JN	8034
WA1MAO	49,224	YV1ACC	7788
K7IDX	45,496	CR6AI	6840

would never have realized otherwise — which is certainly a laudable reason for sponsoring a 10-Meter contest. I just hope they don't forget what they learned until another contest."

Aye, there's the rub. We too easily forget what 10 can offer outside of a contest. The 10-10 Club (now over 8000 strong) has done much to increase the use and awareness of 10 for anything from local ragchews to DX QSOs. As they have shown, all it takes is people, gentlemen. This weekend why not drop in on 10 and call a couple of CQs? Don't tune the band and go away convinced that 10 has had it — call a CQ — after all, it takes a receiver *and* a transmitter to make a QSO.

The big challenge ahead for the 10-Meter contest is keeping the interest (and, in turn, the log returns) up. Things are going to get worse (propagation-wise) before they get better. Just remember, the QSOs are there, especially during the contest. All you need to do is make your presence known. If we can keep up the enthusiasm (and log submissions), this contest will become a viable part of the ARRL contest structure. Then, in 1977 or so, when conditions have improved, it can take on the appearance of a major operating activity.

The comment that seemed to permeate the soapbox was that the 10-Meter contest was "different" than other contests. In this one you could take time off to chat with others without having to worry about missing QSOs. The atmosphere was more relaxed, less demanding than other contests and all this made it seem more "fun."

WB9IFG and observant friend. David found it hard to "contest" when he was having so many local QSOs that consisted of more than 599 WIS.

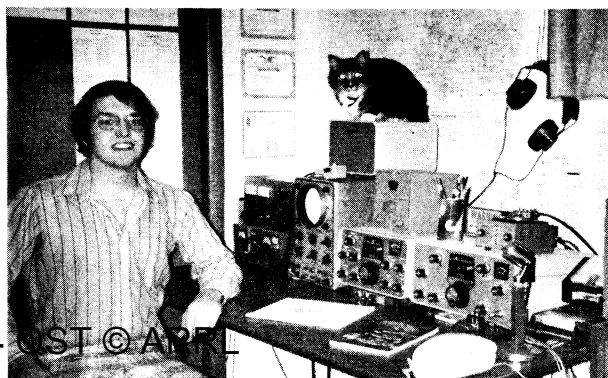


A number of persons remarked that the contest should be moved to sometime in the summer months to get into a time of the year when better conditions can be hoped for. Upon reviewing the contest calendar the only time that appears open is the beginning of August. What are *your* thoughts? Should the contest be moved to August or should it be left on the second weekend of December? The 1974 10-Meter contest will be held in December but your response to this question will help determine where the 1975 contest will be placed.

All the proceeding would be for naught if it were not for the added pleasure (the finishing touch, you might say) of a few wondrous words from our very own divine dispenser of devilish dictums, V. Y. Senny Tree, who said: "In an army, individual foot soldiers are lost in the shuffle. Such is the fate of the contest participant. However, without the soldier there would be no army and without the contest there would be no contest. Take heart in the fact that the battle is fought by the foot soldier who, most times, receives naught, but through whose sacrifices and efforts the war is won. For these, no task is too great and no praise is too sufficient. The ultimate test of the success of his part in the campaign lies in the heart of the man for each shall contend according to his abilities and each shall reap according to his toil."

SOAPBOX

The amount of 10-meter activity was amazing and I think this one should be an annual affair. — (W6EJJ). The 10-meter contest was great and I expect to do it again next year but I was a little lonely. Only four Generals condescended to come down to the Novice band but I got 'em all. — (WNØLFN). In my opinion this contest was better than Field Day. — (WB2DM1). Conditions were





Number 4 in the country and tops in Southern Texas is WA5LES, operator of WJ5SKY. That confusion creating callsign was a special one issued to celebrate the Skylab space mission. The QTH was at the Johnson Spacecraft Center near Houston.

DIVISION LEADERS

K3EST	Atlantic	K3IVO
W9YT	Central	W9BGX
WA0YKN	Dakota
WB5CMI	Delta
K8IDE	Great Lakes	WB8FUO
W1BGD/2	Hudson	WA2BOX
WB0EQZ	Midwest	WB0CEH
WA1MAO	New Engl.	WA1LKU
K7GWE	Northwestern
K6SSJ	Pacific	WB6WSL
W4WSF	Roanoke	WB4TBO
W0MS	Rocky Mt.
W4OZF	Southeastern	W4AQL
W6RR	Southwestern	K6ELX
WJ5SKY	West Gulf	WB5FKC
VE3BMV	Canadian	VE3GAI

poor Saturday and fair Sunday. Saturday's opening to the East Coast was so short that it was over before I even got started. — (W7IUO). I think you have succeeded in stirring up ten quite well and giving everyone a good excuse not to watch football for one whole weekend. — (WA8WDZ/6). Sure hurts one's score not to have cw capabilities. — (WB5ESW). Great contest. Worked 5 new states on 10 for my 5BWAS. — (K8CVJ). It was amazing to me how many of the gang CQed themselves all the way through a twenty second or so opening. Some of those bursts of band-opening were really short. — (K9JCR). The best part of the contest was meeting many of the local hams I had never met and talking to some which I hadn't worked in years. — (W3FCI). Propagation conditions were very very poor, but do not let anyone talk you out of making this a permanent feature of the contest calendar. — (G3DME). Just like a regular contest — the bands were rotten. — (WN1RHS). Band conditions were poor, really, but activity was large. Am amazed with the QSO total I had on what otherwise would've been considered a "dead" band. During the sunspot maximum this contest will be pure bedlam. — (W5RTQ). I really believe it was an excellent idea and should be continued without fail. I really can't find fault with any of the format. — (W6RR). Contest was great fun but Sunday's activity was precluded by my 4-year-old's demand that we build a snow fort. — (W3ZSR). A truly new and refreshing idea in contesting. Congratulations. Haven't had so much fun since my first VHF contest 8 years ago. — (WB2CST). While

conditions were not good, they were interesting. From here they obviously favored Florida and Georgia. At night there was TE to Es into Florida, Georgia and SC. Beam heading on this opening was 10 degrees East of North. At other times, when KZ5s were working Ws like mad, beam headings for Florida stations were 40 degrees West of North. W9DOB was worked with beam on South Africa on backscatter; with the beam on USA he could not be heard. — (LU5HF1). Enjoyed the contest despite a broken mic cord, stuck rotator and finally a call from irate neighbor with Indians in a stereo. — (WA3TZT). Enjoyed the contest. Conditions were stinko here. Heard a bunch of W1-4 stations but the sigs were S1 and lasted 3-5 seconds each. — (W0PAN). I hope band conditions for this year's contest will not discourage participation in 1974. Ten is amazing when it opens. — (WB0IWL).

My little brother and sister decided to put up the Christmas tree and the electric train over the weekend. The blinking lights and the train were the loudest signals on the band. — (WA3TMR). Someone ought to outlaw 10-meter noise on contest weekends. — (K2KGB). The cw/fone mix gave many rusty keys an airing. — (G3IAS). This contest had lots of plusses — 1) Good night's sleep, 2) three square meals (not always when you want them), 3) chance to meet locals you never knew before. — (K8HBN). Had QRM from only two "roger four" stations. — (WN7UQV). Congratulations on a great, fun idea as evidenced by all the activity. — (K6SVL). In the middle of the contest the rotator froze up and I had to go fix it. I guess that's half the fun. — (WB9LDD).

NOVICE LEADERS

WN7UQV	8850
WN6ARK	3492
WN3UTA	2040
WN2MFM	1840
WN6YPQ	1376

Other Novice certificate winners: WN1QKD, WN2LOJ, WN4EJJ, WN8OOE and WN9KLB.

First 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.

Tennessee			6			WA6JVD			8120-140-29-			Ohio																																																																																																																																							
K4ZLE	1830-	60-15-	East Bay	8448-132-32-17	2016- 70-14- 9	W6KYA	6156-112-27-	3388- 77-22-	420- 30- 7- 1	264- 33- 4- 7	7	W8UNB	18,778-229-41-	10,416-162-31-																																																																																																																																					
WB4NDX	1248-	48-13-				W6LOI	3388- 77-22-					K8MFO	9128-161-28-																																																																																																																																						
WN4FGA	8-	2- 2- 4				W6NJU	420- 30- 7- 1					W8BZAN	6272-111-28- 8																																																																																																																																						
Virginia			Los Angeles			WA6YZD	264- 33- 4- 7				Arizona	K8YQW	6164-131-23-10	5500-124-22-16																																																																																																																																					
W4WSF	41,280-	429-48-25	W6ZPL	8448-132-32-17	2016- 70-14- 9	18,504-257-36-	15,960-228-35-	6400-128-25-	5658-123-23- 8			W88MMF	4640-112-20-																																																																																																																																						
K4VX	34,900-	349-50-	W6JIVZ	2016- 70-14- 9	2016- 70-14- 9							W88AMI	4104-106-19-																																																																																																																																						
W4UPI	34,496-	391-44-22	W6ROZ	1716- 66-13- 6	864- 36-12- 3							K8HBN	3822- 91-21-	2850- 72-19-																																																																																																																																					
W4KFC	32,752-	353-46-	W6MSB	864- 36-12- 3	80- 9- 4- 5							W8ERD	2100- 70-14-17																																																																																																																																						
W4IWZ	29,216-	324-44-26	WN6WVH	80- 9- 4- 5								W8BKSQJ	1408- 63-11-																																																																																																																																						
K4SLD	15,022-	200-37-21	W6RR	49,808-560-43-16	49,680-552-45-16	Idaho			8100-150-27-	2496- 78-16- 6	2376- 66-18- 6	W8NGSO	1136- 57- 8-15	1008- 57- 8																																																																																																																																					
K4LDR	14,906-	251-29-	W6KNC	12,460-178-35-	10,150-175-29-							W8BOOE	1008- 57- 8																																																																																																																																						
K4GME	8600-21-	3-20-	W6OAL	12,460-178-35-	8512-148-28- 8							W8KLOI/8	1008- 54- 8-11																																																																																																																																						
K4UEH	6930-158-	21-10	WA6KKK	10,150-175-29-	6554-112-29-20	Montana			1272- 38-12- 5	680- 34-10- 2	7000-140-25-	W8BPHI	988- 38-13-	3000- 73-20-20																																																																																																																																					
WB4SLS	6854-149-	23-20	W6EIJ	8512-148-28- 8	6450-127-25- 9							W8BAVH	848- 53- 8																																																																																																																																						
WB4YPT	4422-198-	11-28	WA6RQP	6554-112-29-20	5192-114-22- 8							W8BMH	756- 53- 7- 4																																																																																																																																						
WB4HQE	4350-144-	15- 6	W6GIYK	6450-127-25- 9	4720-118-20-	Nevada			8100-150-27-	2496- 78-16- 6	2376- 66-18- 6	W8BBDG	630- 45- 7	560- 28-10- 6																																																																																																																																					
W4KMS	1952-	60-16- 8	W6LUL	5192-114-22- 8	3300- 74-22- 7							K8CVJ	560- 28-10- 6																																																																																																																																						
WB4TEL	1566- 87- 9- 4		W6QVD	4720-118-20-	3192- 83-19- 2							W8BCCZ	408- 51- 4	384- 30- 6																																																																																																																																					
W4YZC	1188- 64- 9- 4		K6YB	3300- 74-22- 7	2552-111-11- 8	Oregon						W8BKM	384- 30- 6																																																																																																																																						
K4EBY	672- 80- 4-16		W6GOWM	3192- 83-19- 2	2156- 77-14- 3							W8NPF	352- 20- 8- 5																																																																																																																																						
W4GF	644- 44- 7		W6TWT	3192- 83-19- 2	2156- 77-14- 3	West Virginia			1272- 38-12- 5	680- 34-10- 2	7000-140-25-	W8JRN	220- 21- 5- 5	144- 18- 4- 2																																																																																																																																					
WN4EJJ	420- 36- 5-11		K6NA	2156- 77-14- 3	2052- 52-18- 5							K8OGE	144- 18- 4- 2																																																																																																																																						
K4JM	400- 23- 8- 4		W6SGJ	2052- 52-18- 5	1416- 59-12-12							W8N0UE	144- 14- 4	102- 16- 3- 4																																																																																																																																					
W4NO	392- 28- 7		W6AHXF	1416- 59-12-12	1368- 38-18-	Nevada						W8BODS	102- 16- 3- 4																																																																																																																																						
K4PCL	264- 22- 6		K6OVN	1368- 38-18-	946- 43-11-							W8BPIR	90- 12- 3																																																																																																																																						
WN4EXP	126- 18- 3- 6		WA6VUD	946- 43-11-	720- 33-10- 6	Washington			64,020-582-55-24	56,350-567-49-28	45,496-505-44-23	K8KSN	72- 12- 3	4- 2- 1- 1																																																																																																																																					
W4RL	108- 27- 2- 2		WA6ZKI	720- 33-10- 6	54- 9- 3- 1							W8LZT	4- 2- 1- 1																																																																																																																																						
K3CLX/4	56- 14- 2		W6APXY	54- 9- 3- 1	K6ELX (+WA6FFZ)							W8LT (WB8s IBZ JXS)	3000- 73-20-20																																																																																																																																						
WB4PMG	32- 8- 2- 1		K6ELX (+WA6FFZ)	15,176-262-28-17		Oregon			12,462-198-31-	12,210-184-33-18	8178-141-29-	W8MOI	3306- 86-19-11	1960- 70-14-14																																																																																																																																					
WN4DHY	12- 4- 1-10		W6VPZ (K6KH W6s CFM LY)	232- 28- 19								W8FBR	1960- 70-14-14																																																																																																																																						
WA4BIX	4- 2- 1- 7		NYB WA6BIL)	1904- 58-14- 4								W8BIJW	1800- 72-12-																																																																																																																																						
WB4TBO (+WA4s BFY BKQ)	26,480-325-40-26		Orange	26,144-340-38-14	3492- 82-18-	Arkansas			6048-103-28-11	5562-101-27-	4050- 72-25-18	W8BUUY	518- 37- 7- 4	380- 38- 5																																																																																																																																					
WA4YBV (+W4THU WB4KJF)	9398-127-37-		WN6UCC (+WN6UFW)	1904- 58-14- 4								W8BKMC	380- 38- 5																																																																																																																																						
WA5DJJ/4 (+W4YHK)	1360- 39-17-		W6FIT	26,144-340-38-14	3162- 90-17- 8							W8JWX	30- 5- 3																																																																																																																																						
5			K6URA	576- 28- 9- 3	1040- 40-13- 7	Louisiana			992- 31-16- 5	486- 20- 9-12	96- 10- 4- 2	9																																																																																																																																							
WB5ANK	4424- 76-28-16		WA6MNV (+WB6MRS)	1040- 40-13- 7	752- 38- 8-							Illinois																																																																																																																																							
Arkansas			WN7SVN/6 (+WA4YQQ)	752- 38- 8-								26,230-300-43-																																																																																																																																							
Louisiana			Santa Barbara			Washington			64,020-582-55-24	56,350-567-49-28	45,496-505-44-23	W9DOB	11,820-194-30-11	7348-167-22-11																																																																																																																																					
WB5CMI	5664-118-	24-15	K6QPH	31,906-371-43-	760- 12-23-27							W9Y9Y	26,230-300-43-																																																																																																																																						
W5WMU/5	5346- 99-27- 7		W6UA	15,444-198-39-	77MCU							W9EBP	11,820-194-30-11																																																																																																																																						
W5HGH	5014-107-	23- 8	WB6VGC	5340- 89-30-14	W7GLS	Santa Clara Valley			4402- 81-21- 6	3168- 71-18-	2040- 60-17- 1	K9EGA	6540-109-30	4560-108-20-10																																																																																																																																					
W5HGT (WB2UPG, opr.)	2604- 62-21-		W6JEO	340- 15-10- 3	W7DFO							W9DL	4560-108-20-10																																																																																																																																						
WA5QBX	1440- 40-18- 1		WN6TTH	168- 9- 6-	W7BCT							W9KDR	3128- 67-23-																																																																																																																																						
W5GFB	624- 24-13- 8		Santa Clara Valley			Washington			3168- 71-18-	2040- 60-17- 1	77GYF	W9QWM	1888- 59-16-	1848- 84-11-12																																																																																																																																					
WA0FFQ/5	180- 16- 5		K6SSJ	30,358-353-43-	77GLS							K9KZW	1848- 84-11-12																																																																																																																																						
W5YMX	140- 10- 7		W6OCP	18,772-246-38-	W7DFO							W9ALEY	1496- 68-11-																																																																																																																																						
Mississippi			WA6GFY (WB6EXW, opr.)	15,774-238-33-	W7BCT	Santa Clara Valley			3168- 71-18-	2040- 60-17- 1	77GYF	W9VVB	1342- 57-11- 2	1312- 82- 8-13																																																																																																																																					
W5NCB	720- 40- 9- 4		WA6NDN	6240-119-26- 9	W7MOK							W9RHE	1264- 76- 8-15																																																																																																																																						
New Mexico			W6UOM	4872-106-21-10	W7GLS							W9LDD	1056- 66- 8- 9																																																																																																																																						
W1FCC/5	6156-113-	27-20	W6CLM	2622- 68-19- 5	W7DFO	Arkansas			3402- 81-21- 6	3168- 71-18-	2040- 60-17- 1	W9IFL	918- 48- 9-12	780- 39-10- 3																																																																																																																																					
W6BDY/5	1320- 55-12-		WB6KSZ	666- 36- 9- 3	W7BCT							W9KLV	780- 39-10- 3																																																																																																																																						
W5RE	12- 3- 2- 1		W6GWM	280- 20- 7-	W7MOK							W9HGP	696- 51- 6- 8																																																																																																																																						
Northern Texas			W6PAA	216- 27- 4- 1	W7GYF	Arkansas			3402- 81-21- 6	3168- 71-18-	2040- 60-17- 1	W9IB	650- 59- 5	450- 45- 5- 9																																																																																																																																					
W5LUI	16,082-	186-43-	W6HAD	14- 6- 1- 5	W7KGP							W9KKB	400- 32- 5																																																																																																																																						
W5SZV	5940- 99-30-15		WB6WSL (K6ODK J WA6LUI)	43,992-452-47	W7AF							W9YVY	390- 32- 5																																																																																																																																						
WB0IMC/5	1872- 77-12-		WA9UCE F. Bowers)	43,992-452-47	W7GGD	Arkansas			3402- 81-21- 6	3168- 71-18-	2040- 60-17- 1	W9BET	324- 27- 6	318- 53- 3- 6																																																																																																																																					
K5CSM	1430- 55-13-15		WB6JOD (W6KHS WA6s CCR TKE)	5346- 81-33-	W7SEH							W9LVM	270- 29- 6																																																																																																																																						
W5QGZ	1184- 73- 8- 2		W6RCN	27,434-319-43-	W7IOF	Arkansas			3402- 81-21- 6	3168- 71-18-	2040- 60-17- 1	W9TWE	174- 29- 3- 9																																																																																																																																						
Oklahoma			W6PQF	4944-103-24-12	W7WLG							W9REC	160- 18- 4																																																																																																																																						
K2GKK/5	5336- 92-29-		W6GUFY	650- 25-13-	8584-145-29-25	4560- 92-24-	3604-106-17-15	3230- 85-19-14	3136-112-14-17	2200-100-11-10	2016- 63-16- 8	W9SVZ	120- 15- 4- 1	120- 15- 2- 4																																																																																																																																					
W5ASVAP	90- 9- 5- 4		K6SK	506- 23-11-								W9JFX	84- 15- 2																																																																																																																																						
K5DEC	8- 2- 2- 1		San Diego									W9HOT	16- 4- 2-		12- 3- 2- 5																																																																																																																																				
Southern Texas			W6RCD	27,434-319-43-	8584-145-29-25	4560- 92-24-	3604-106-17-15	3230- 85-19																																																																																																																																											
WJ5SKY (WA5LES, opr.)	60,720-504-60-		W6POF	4944-103-24-12	W9JFX	84- 15- 2	3230- 85-19-14	3136-112-14-17	2200-100-11-10	2016- 63-16- 8	2016- 63-16- 8	W9BGX (WB6NOQ WA9ULL)	13,166-222-29-24	1280- 64- 8-36																																																																																																																																					
W5RTO	58,032-464-62-20		W6UFY	650- 25-13-	San Francisco										WN9JEN (+WN9MQL)																																																																																																																																				
W5SZNY	34,216-327-52-20		K6SK	506- 23-11-	San Joaquin Valley										W9B9P																																																																																																																																				
W5ESW	25,480-260-49-20		San Francisco			San Joaquin Valley			3360- 25- 6- 3	252- 20- 6- 15	180- 42- 2- 5	180- 17- 5- 6	180- 18- 5	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17- 5- 6	180- 17

4176- 84-24-13
Wisconsin
 W9YT (K9LBQ, opr.)
 30,060-333-45-
 W9DUB 16,480-201-40-15
 W9MLW 2926- 77-19- 8
 W9BJLJ 480- 30- 8-10
 W9JF9G 184- 23- 4- 5
 W9NMVV 2- 1- 1-13

Colorado
 W0MS (W0CMM, opr.)
 11,396-153-37-
 W0ICP 5670-105-27-25
 W0EGZ 2280- 60-19-
 W0JTV 1794- 68-13-14
 W0YNO 174- 29- 3- 9
 W0BLE 132- 22- 3-11
 W0IZV 96- 16- 3-
 W0IWL 64- 32- 1- 7
 W0LFN 20- 5- 2-11
 W0HEP 18- 8- 1- 1

Iowa
 W0FZV 1558- 41-19-
 W0CQO 594- 33- 9-
 W0II 112- 14- 4- 2
 W0BPH 32- 8- 2-15
 W0VBW 28- 6- 2- 4

Kansas
 K0CML 5432- 97-28-
 W0BYP 3520- 88-20-34
 W0TKJ 2310- 53-21- 8
 K0IEW 1650- 54-15-12
 W0DOZ 336- 21- 8- 8

Minnesota
 W0YKN 3168- 95-16-
 W0PAN 2190- 72-15- 8
 W0OWY 276- 45- 3-11
 W0HVQ 116- 24- 2-
 W0OZX 96- 23- 2- 4

Missouri
 W0EZQ 6670-115-29-11
 W0GNX 6000-100-30- 7
 W0EEE 4100- 82-25-
 W0CCF 2670- 87-15-15
 W0LEM 1944- 81-12- 8
 W0HBH 1558- 39-19- 3
 W0CDC 900- 44-10-
 W0JKF 380- 16-10- 3
 W0GGO 360- 34- 5- 6

WB0JQA 336- 26- 6-
 K0WEX 294- 21- 7-11
 W0QHY 224- 16- 7- 8
 WN0JEN 130- 10- 5- 2
 WN0ICI 90- 14- 3- 5
 W0ERZ 88- 21- 2- 5
 W0MQL 72- 18- 2- 2
 WA0VTC 64- 7- 4- 3
 WB0CEH (+WB0CEI)
 20,202-258-39-27

Nebraska
 K5TNP/0 2048- 64-16-15
 WB0FTK 104- 13- 4- 5

South Dakota
 WB0HHM 168- 14- 6- 3
 WB0DGA 30- 5- 3- 1
 WB0ELN 16- 4- 2- 1

DX
AFRICA
Angola
 6840- 95-36- 6

CR6AI
Liberia
 4624- 68-34-12
Rhodesia
 8034-101-39-10

ASIA
Japan

JA1RUJ 1656- 92- 9-
 JA9AG 1120- 40-14-
 JA3ZBI 832- 32-13-
 JH1EFC 336- 21- 8-
 JA3XRC 210- 21- 5-
 JA3JM 180- 18- 5-
 JA6RCH 180- 18- 5-
 JH3GCN 170- 17- 5-
 JA5BLF 168- 14- 6-
 JA1KSJ 144- 18- 4-
 JA1VZ 114- 19- 3-
 JF1RFP/4 108- 9- 6-
 JH3AKD 96- 16- 3-
 JH2LMH 36- 6- 3-
 JA1BUI 32- 8- 2-
 JA1AAT 30- 5- 3-
 JA1ZSX 2- 1- 1-
 JA3YBF (JA2WAJ JA4LIK
 JA6QQZ JA9EQN JH3NNN)
 1408-44- 16-

Hong Kong
 VS6AW 410- 41- 5-

EUROPE

Germany
 DL1GN 110- 11- 5-
 DJ0LC 16- 4- 2-

England
 G3MXJ 2432- 76-16-
 G3IAS 1274- 91- 7-13
 G3IOR 1064- 28-19-
 G3DME 784- 49- 8-13
 G2BVN 594- 33- 9- 6

Czechoslovakia
 OK1DVK 60- 6- 5-
 OK1MP 48- 6- 4-
 OK2PAW 32- 4- 4-

Denmark
 OZ3PO 216- 18- 6-
 OZ5DX 36- 9- 2-
 OZ9OI 8- 2- 2-

Sweden
 SM0KV 130- 13- 5-
 SK5GV (SM5s EFX EOS)
 4- 2- 1- 1

Poland
 SP9DH 84- 7- 6-
European RSFSR
 UA1DX 90- 9- 5-

Lithuania
 UK2BAO (UP2s 038-2071
 038-4691 038-4671)
 180- 15- 6-

NORTH AMERICA

Dominican Republic
 HI8EJH 2080- 80-13-
 HI8XAW 1092- 39-14- 9

Canal Zone
 KZ5NG (WA4UAZ, opr.)
 122,056-790-76-
 KZ5BB 4480- 80-28-

Costa Rica
 TI2WX 43,276-348-62-
Mexico
 XG1J 13,908-183-38-5

Cayman Islands
 ZF1AG 25,100-251-50-20

OCEANIA

Guam
 KG6JAR 328- 41- 4-

Hawaiian Islands
 KH6IJ 5824-112-26-16
 KH6GMP 3840- 80-24-17
 KH6SP (WB2YHH, opr.)
 3344- 76-22-
 WB8QLD/KH6 (+WA3VEW)
 462- 33- 7-24

Johnston Island
 KJ6DI 600- 25-12-

Australia
 VK4TL 1230-123- 5-
 AX3XB 1120- 56-10-

New Zealand
 ZL2ACP 3618- 67-27-
 ZL1AGO 896- 32-14-

SOUTH AMERICA

Ecuador
 WB5EJJ/HCI 1350- 45-15-

Colombia
 HK1CMX 3627-117-31-

Argentina
 LU5HFI 58,788-426-69
 LU8AJG 37,696-304-62-

Netherlands Antilles
 PJ1VD 28,612-293-46-

Venezuela
 YV1ACC 7788-118-33-

MARITIME MOBILE

W1ZH/mmr2 200- 20- 5- 3

Check Logs
 VE2PJ, W1YK, W3ADE,
 W3IMU, W4JUK, W4AXL,
 W5TI, W6ABN, W8NTY,
 K0CHE, K0OEL, JF1GKF,
 SM0BDS, SM0IX, 5TSCJ.