

THE BLACK HOLE

THE OFFICIAL JOURNAL OF THE SOCIETY OF MIDWEST CONTESTERS

Volume #2, Issue #2

October - November 1986

1986 TO 1987 OFFICERS:

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Indiana Chairman - Ray Sokola K9RS 1653 Handball Ln Indianapolis IN 46260

Wisconsin Chairman - Gary Sutcliffe W9XT Rte 1 Box 196 Neosho WI 53059

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Contest Activities Chairman - Mike Taylor AC9C 1119 E. Illinois Wheaton IL 60187

Awards Chairman - Dave Patton AH2U 520 Walnut Dr Streamwood IL 60103

The Society meets every Saturday Morning at 10:30 A.M. local central time on 3858 KHZ +-2 KHZ. Society dues are \$3.00 per year. Material from *The Black Hole* may be reproduced providing proper credit is given to the author and *The Black Hole*.

*** TAKE NOTE - SMC VS. MAD RIVER IN SS CLUB COMPETITION !!!**

*** CHECK YOUR MEMBERSHIP STATUS - HAVE YOU RENEWED???**

FROM THE PRES

Are we fired up for SS yet, SMC? I'm fired up -- no matter how far away the TVI complaints emanate from! Besides, being willing to sacrifice my QTH to vandals etc., I tried to hire some cheerleaders to help our cause. I was going to get several YL's from school to come over to the station. I wanted to have the YL's lead cheers over the radio for the SMC in our pursuit a victory over Mad River. Picture this: Saturday night, 3,850, and a bunch of women screaming "Go SMC! Go SMC! Beat Mad-River, eas-il-y! Turn that yagi, turn that beam, in the mic we scream scream scream!" [I promised Dave I would never edit one of his editorials, but I almost did it here - ed.] I told them after we won they could go to Dayton and share in our spoils! They just laughed and told me to "Get a bigger yagi - whatever that is." So I guess we're on our own. SS. Be there.

Now we're talking my favorite contest, probably the best one going - CQWW. K09Q call it the "CQ World Wars" and I agree. The world-works-world format brings out the best in operation, station design, stamina and knowledge of propagation. DX abounds! There will be so much activity, you won't find any open space on the phone bands and very little on CW. Little postals can certainly work their share of DX, especially on Sunday when the serious DX contest stations are begging for QSO's. Plus, don't miss all the DX-pedition stations which can provide easy QSO's on 6 bands! A list of those I know of appears elsewhere. The SMC will be mounting a collective effort for CQWW as well, so don't forget to mark your entry. Metting rules do not apply, so all our scores count! Have fun -

Dave AH2U

FROM THE EDITOR

Well, I guess most of you have heard by now of my little (!) experience with a tower. I was up at Mike K9EC's taking down my KT34XA and was about 35 or 40 feet up when the tower gave and I rode it to the ground. The result was 4 broken vertebrae in my lower back, but fortunately the fractures are not real bad and I will recover 100%, they tell me. Believe it or not, most broken backs do not end up in paralysis. Anyway, this is not something I am real proud of and it has certainly put a damper on my future tower climbing. Tower work has some risk just like driving a car or riding in an airplane, and the odds caught up with me. I hope that everyone who reads this will stress safety more than ever in your tower climbing, but not quit climbing or anything radical like that. Just be as careful as you possibly can be.

You may have noticed I was taking an antenna down, not putting one up. This is because K9EC has accepted a new position in Schaumburg, IL and thus we had to dismantle what had already been done on the K9EC/NA9D contest station. In fact, Mike is buying a house only a few blocks from where I live now! In any case, as I have moved out of my old QTH in with AC9C I have went from operating at a planned super-station to not having a station at all. Not so bad for this year as I will not have the endurance for full contest efforts, but bad after that. I am hoping to multi for most of the 'tests this year.

Well, enough of me. Folks, we have to BEAT MAD RIVER!!! The challenge is official for SS. The club with the lower score as published in QST buys the eats at the Dayton Suite. Now, as a Society officer, I do not want to feed hundreds of starving contesters next April. Besides, we may not be able to afford it. So that means a dues increase! OH GOD! No way, dudes. We are not going to lose. These guys are no joke, though. The Mad River club is a fine bunch of guys and also excellent contesters. But as good leaders, your officers have analyzed the firepower of both sides and determined we can win the war. But it all depends on you getting on and making points AND SENDING IN YOUR LOG. Don't forget to write The Society of Midwest Contesters on your entry form under club entry. Now I realize not of you can benefit from the Dayton Suite eats, but we judged it as the best place for this as it is where the greatest percentage of our membership gets together every year. You know, if we all put in our best effort we can win the nation. Not bad for a bunch of 9's in the propagation pits of the US.

Speaking of winning the nation, that is exactly what our Phone Sprint team did. Number 1 in the February 1986 sprint! A real upset, to say the least. Why did we win? Two reasons - the first being an aurora on the night of the contest shifting the propagation patterns that usually disfavor us. Second, we had a team. By having a team in every sprint, we increase our chances of catching propagation events like this and also catching the other teams off guard. By the way, we are the first real "Club" ever to win a sprint - all the other winning teams were not officially affiliated with a traditional contest club.

There has been some mix up over exactly how the awards program is done. Based on the number of entries in a particular category, phone and cw scores were combined in the last issue for SS awards. When certificates are issued, however, they will be distributed by mode - i.e if you won a certian mode but did not win the combined category, your certificate will be for the mode you won for that contest. Awards for ARRL DX and CQWW for last contest season will be published in the next issue.

Since virtually every SMC member is also in the ARRL, you should have received your ballots for Central Division Director and Vice-director. My opinion on those running: for Vice Director, Howie Huntington K9KM. Howie is one of our members and beat us all up in SS CW last year. Every year he tells me he "retiring" and other BS. I have found he never plans to retire from contesting but just uses this to psych out the younger guys. Anyway, he is the contesters choice for sure. He also makes a showing at alot of hamfests - as many of you know. For Director, Ed Metzger W9PRN. Ed was very helpful in rushing our application for affiliation through so we could do SS as a club last year. He seems to have time for the little guy judging by his presence at hamfests but has quite a business sense too, which is vital for a director of a corporation with the cash flow of the ARRL.

One of the other guys running, KA6A/9, has quite a set of credentials including being an electrical engineering prof at Illinois. But that bothers me. Do any of you remember W9YH? Along with W9YB at Purdue and W9YT at Wisconsin, YH was a college contest powerhouse. But a few years ago they disappeared. What happened? Apparently there was some political goings on in the Illinois EE department and YH was banished forever, not appearing to this day. Hmmmmmmm.....

W9XT had quite an interesting comment at Greyslake. He said he was quite relieved to find out the K9EC/NA9D station was not to be, as he could "thus divert funds allocated for military buildup and reassign them to domestic spending." That is good as Gary was recently engaged to be married. Congrats. Speaking of that kind of stuff, K9EC was married in July at a real contesteer wedding. AC9C was best man and WOAIH assisted with the ceremony with quite a amateur radio related message (Paul is a Lutheran minister by profession). You will have to ask K9EC what RST *really* stands for.

The Illinois QSO party seemed to have just a little more activity than last year. I worked several SMC'ers I know, and as last year the activity really picked up at night. The hours were extended farther into the evening this year and it helped. What the Illinois contest needs now is some spirited club competition like the Wisconsin QSO party.

We have an Indiana chairman again, Ray Sokola K9RS. Ray has accepted a new position in Indianapolis and is building a house complete with crank up tower. It's good news for the Illinois folks anyway, Ray was tough competition - especially his phone SS efforts. It is also an interesting situation for me as Ray used to be my supervisor at work before he moved. I never did manage to come out ahead of him in a contest but I always wondered what Monday morning after SS would of been like if I beat the boss.

Special congrats go out to the crew at P40M, which included SMCers K9GL and K9VY as 2/3 of the team in winning the multi-single category in the '85 ARRL DX CW test. They won with a score of 4,478,643; which was also the highest score on the planet for any station in the CW portion of the contest.

Now that the contest season is in full bloom, let's see some more activity on the Saturday morning SMC net. A group also gathers on 75 after each major contest and sprint, you can find them on the net freq or somewhere between 3830 and the net freq (3858).

A few quick notes. Got some pictures of KS90's station, lots of hardware there on two towers. 4el 20 and 4el 15 on one, 3 el 40 and 5 el 10 on the other. Look for SMC member K9VY as 4A1A from Mexico for CQWW CW. Fred (sprint name "Fubar") should be LOUD as he has some fantastic antennas lined up. He is planning a single band 40 effort at this time and is aiming to break the record. Mike K09Q has informed me a telephone bbs system is available for contesters at 414-458-3093 300 to 1200 baud, 32 to 80 column displays. Use your call as the password.

Let's all get on and win SS, dudes!

73, Steve NA9D

TREASURY REPORT

As of 10/20/86, the treasury stands as follows:

Operating budget - \$179.97 Plaque fund - \$69.00 Dayton Suite fund - \$61.00

This includes all expenses up to and including postage for this newsletter. The Plaque fund will lose \$40 to pay for the ARRL DX Phone Oceania plaque for 1987. The 1986 plaque was won by KH6XX, who used to be a W9. We may sponsor a plaque for CQ 160 Contest CW Multi-Single high USA, which will eat up the rest of the Plaque funds. Besides postage, the only other cost to the operating budget was \$21 for photocopies.

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RESULTS OF MEMBERSHIP/RENEWAL FORM QUESTIONS de NA9D

The membership/renewal form sent to all members had some questions on the bottom, polling the membership as to the likes/dislikes of a number of things. The results:

Question: I would attend a midwinter SMC banquet somewhere in the Chicago area costing somewhere in the \$10 to \$15 area per person:

Yep - 15% Probably - 33% Probably not - 43% Nope - 9%

Question: I would purchase Society QSL's if available:

Yep - 30% Maybe - 52% Nope - 18%

Question: I would purchase a Society Tee-shirt if available:

Yep - 43% Maybe - 35% Nope - 22%

Question: I would purchase a Society Jacket if available:

Yep - 15% Maybe - 57% Nope - 35%

Question: I would purchase a Society call sign badge if available:

Yep - 63% Maybe - 27% Nope - 10%

Based on the responses here, we will definitely have call sign badges. As soon as we talk to a vendor in person, we will arrange to have badges done by mail. A future newsletter will have a form to send in to the badge guy and each member will order his badge by mail individually. We could do the same for Tee-shirts and QSL's if someone is willing to do the legwork and set up a system for members to purchase these items.

SOCIETY VIDEO AND SLIDE SHOW

As of present, the Society has a slide show of a number of members' stations and antennas. It was put together and is kept by Bruce, K1TMM. As of now there are about 8 or 9 members' slides in the show, but we would like to get as many as possible. The slide show is used at the Dayton Suite among other places. If you have some slides of your station and antennas, please send one of each to Bruce at your convenience. Try to get a picture of yourself sitting at your station and your antennas. Bruce's address is in the membership list. The show was very popular at Dayton last year, but unfortunately sort of short.

Those of you who have attended the suites at Dayton in the past have no doubt seen some humorous videos put together by the Kansas City DX club. Well, not to by copy-cats but we have decided to do the same. Some very funny ideas have been tossed around already. In any case, the object is to put together a several minute skit or something that makes fun of some aspect of contesting and related things. The plan is to have individual members put together videos and then Kent, NI9U, will edit and make the final copy (Kent is in the video production business professionally). Anything on BETA or VHS will do fine. This has to be done at least a month before Dayton in order to get the final version done on time.

SPRINTS AND STUFF de AC9C

Tired of those 24 or 48 hour long contests where it's best to practice bladder control instead of your CW skills before the contest? Tired of running thousands of JAs in the DX contest? Tired of not being able to work people on more than one band in SS? Then maybe the North American Sprint contests (Sprints), sponsored by the National Contest Journal, are worth a try! The Sprint

contests are 4 hour long contests where the objective is to work as many other North American stations as possible on the 20M, 40M, and 80M bands. Multipliers are States, VE Provinces, and North American countries. Phone and CW are separate contests, each run twice a year, once in September (Fall Sprints), and once in February (Spring Sprints). Several interesting twists make these contests interesting, and a real test of operator skill. The most interesting rule is the 'QSY' rule, which prevents 'Big Gun' stations from running stations on one frequency. This rule states that if you work someone who responds to your CQ, then you have to move at least 5KHz before calling CQ again, or 1KHz before answering a CQ. Believe me, this rule makes for an interesting, fast paced contest. Another interesting feature is the team competition. The only restriction on teams is that each team must have no more than 10 members, and that the team must be registered before the contest. In the last Phone Sprint, a team made entirely of SMC members won, and Dave, AH2U, finished in the top 10!!!! Still, the SMC has never fielded a full Sprint team. Plan on participating in the Spring Sprints this February !!! Watch the next issue of *The Black Hole* for details.

CONTEST CALENDAR

A "*" indicates an event with direct Society of Midwest Contesters participation:

* October 24-26	CQWW DX Contest Phone - logs due 12/1
* November 1-2	CW SS - logs due 12/17
* November 15-16	Phone SS - logs due 12/17
* November 28-30	CQWQ DX Contest CW - logs due 1/15
December 6-8	ARRL 160 Meter Contest
December 14-15	ARRL 10 Meter Contest
* January 23-25	CQWW 160 Meter Contest CW - logs due 2/28
* February 20-22	CQWW 160 Meter Contest Phone - logs due 3/31/86
* February 21-22	ARRL DX Contest CW
* March 7-8	ARRL DX Contest Phone

COMPUTERIZED CONTESTING part 1 de W9XT

I had to miss field day this year due to commitments at work. This was the first time I missed it since my first one as a Novice, except for on summer I was overseas. Despite the fact I couldn't be with the local club, I decided I would make a few contacts, or rather my station would.

In order to encourage packet radio, the ARRL has waived repeater rules and given bonus points to groups using packet radio. Since I could not be home, I decided to leave my packet station set up to give out contacts automatically to anyone who connected to W9XT.

Before I left for work Saturday morning, I set my connect message up to give Field Day exchanges. When I got home later that evening, I had expected to find a few contacts logged, but found that I had forgot to connect one of the cables. When that problem was solved, I made a few contacts manually, switched over to automatic, and went to bed. While I was falling asleep I could hear the transmitter relay clicking away while the computer was making contacts for me.

The next morning I found a few contacts logged. I figured I would make more contacts if more stations knew I was around, so I had the PK-64 call CQ every 15 minutes or so while I had breakfast and got ready for work. I (or rather my station) made a few contacts before I left, and another while at work. I had just operated my first contest with out being there!

Afterwards I got thinking again about the use of computers in contesting. It has been a subject that has been rolling around in the back of my mind since I got my first home computer in 1976. Computers have changed a lot since that SWTPC 6800 with its impressive 2K of memory. The mass storage device was an audio cassette recorder that ran at a screaming 300 baud. Even with such a limited system I started trying to use it in contesting.

Personal computers have progressed quite a bit in the last 10 years. For the price of that 6800, today you can get a faster processor, a half megabyte of RAM memory and a 20 Mbyte hard disk. With that kind of power, what is possible today?

There are three areas that contesters could possibly benefit. These are simulation, as an aid, and as an independent operator. We shall discuss each of these areas.

SIMULATION

Computer simulation is used for training and doing experiments when doing the real thing is either too dangerous or too expensive. Examples include training aircraft and spacecraft pilots and nuclear reactor operators.

Contest simulators have been around for almost two years in the form of AEA's Dr. DX. This combination of software and hardware plugs into the back of a Commodore C-64 and simulates the CQWW DX contest from whatever part of the world you designate. The propagation follows what you would expect for that particular time of the day during the peak of the sunspot cycle. If you try to operate 160 at noon all you will hear is static.

Besides being a lot of fun and a cheap way to "operate" with a rare callsign, it is of practical use to the contester. First, it is a good trainer. With a moderate station from W9 land, you don't get too many times when you can run DX at high rates in this part of the sunspot cycle. When you do get a good run going, you don't want to be slowed down because you are out of practice. I don't operate too much during the summer, and I find it is a good way to brush up when the contest season rolls around. The best part is that it is always there; I don't have to wait for a band opening.

Another use for a contest simulator such as DR. DX, is for trying out different operating techniques. Since it is simulating a contest, anything learned about such things as deciding whether to search for QSO's or calling CQ or deciding what band to be on, should be taken with a grain of salt. Such decisions depend on current propagation and your particular station's capabilities. Some techniques can be experimented with though.

Most serious contesters agree that your operating and logging operations should be a part of a set pattern. I used to use the following format: call CQ - write the call of the other station in the log - send the exchange (with the memory keyer) while writing the call in the dupe sheet - enter the other station's exchange - call QRZ. This worked fine with contests like Sweepstakes which had a long exchange, but was not so good for short exchanges that have varying information like serial numbers (my keyer does not generate them automatically). I wanted to change my routine to do the duping while I called QRZ. This sounds easy, but I had several years of operating practice to "untrain." I gave it a try with the good doctor, and at first the results were terrible. After a couple of hours practice I got better at it until I was much more proficient than with the old method. I would have severely hurt my effort if I had tried it cold in a real contest.

The Dr. DX made quite a splash when it first became available, but you don't hear too much about them any more. About half of the serious contesters I know have them, and I suspect most of them use them at least for warming up. I know that is sure helps me get up to speed at the beginning of the fall contest season.

Next issue - Computers as an aid and the computer as an operator

RUMORS AND RESULTS

I need to get more of the latest dope from you guys who are more active. Drop me a line on your scores or dump it to me on Packet (145.01) 24 hours a day. Complete CQWW results in the next issue - *Steve NA9D*

WISCONSIN QSO PARTY TOP TEN - SCORE/CW*2/PHONE/MULT

AC9C	87,824/364/402/114	K9EC	162,673/490/119 M/M
NA9D	86,684/372/384/114	N9EZ/M	70,792/620/274/68 M/M
KB9S	74,044/380/312/107		
W9XT	64,974/378/259/102		
K9GDF	49,136/400/192/83		
KA9RWU	44,541/0/441/101		
N9DIH	38,052/230/223/84		
W9WAQ	36,113/350/119/77		
K09Q	35,945/256/199/79		
KC9NH	33,600/0/300/112		

OFFICIAL RESULTS - 1986 ARRL DX CONTEST

CW

PHONE

KV9S	155,820/371/140	W9RE	1,241,280/1293/320
WB9HRO	148,221/383/129	KM9L	149,202/307/162
K9UIY	126,820/312/135	WB9JKI	88,842/221/134
WB9JKI	58,905/187/105	KV9S	38,412/132/97
W9RE	31,506/118/89	WB9HRO	27,216/126/72
W9IL	22,500/125/60	KQ9L	25,398/166/51
W9GXR	20,979/111/63	W9TNZ	18,788/101/62
W9LNQ	20,493/99/69	W9LNQ	9,288/72/43
W9TNZ	9,024/64/47	KG9Z	432/12/12
NG9L	6,840/60/38	WB9HAD	145,914/586/83 20M
KG9Z	1,302/31/14		
NI9U	765/17/15		
WB9HAD	1,680/28/20	160M	
KB8AC	3/1/1	160M	
K4YX/O	1,119,525/1265/295		
	(+AH2U,K9BGL,KM9P)		
N9WA	118,818/322/123		
	(+KA9SLM,WD9GVX)		

FALL PHONE SPRINT RUMORS

KM9P	302/39
W9RE	293/?
AC9C	267/39
K9Z0	264/34 201/37

MEMBERSHIP LIST

The attached membership list has the addresses and status of present and past members. If your name has "***" after it on this list and your mailing label, then THIS IS YOUR LAST ISSUE OF *THE BLACK HOLE*. To renew send \$3.00 payable to Steve Dubberstein to 1119 E. Illinois, Wheaton IL 60187.

The two digit code after your call indicates your status for ARRL CLUB COMPETITION ONLY. For any CQ contests, unless you are listed on this list as a DN you are OK to submit club scores. For ARRL club competition the key is:

- LE - You are "Local eligible" and are within 50 miles of club center
- DE - You are "Distant eligible" and are between 50 and 175 miles of club center
- D1 - You are "Distant" as above but must attend 1 SMC meeting to become eligible
- D2 - You are "Distant" as above but must attend 2 SMC meetings to become eligible
- DN - You are "Distant non-eligible" and reside more than 175 miles from club center
- CE - "Club eligible" - For club stations (meeting requirements unapplicable)
- NM - "Non-member" - used for copies sent to the ARRL, other clubs, NCJ, etc.

Your status is always kept up to date on your mailing label. Always use the most recent newsletter when checking your status for ARRL club competition.

SOCIETY OF MIDWEST CONTESTERS MEMBERSHIP LIST

CALL	NAME	ADDRESS	CITY STATE AND ZIP	STAT
AB9L	MIKE BOUSHON **	1352 EMERALD TERR	SUN PRAIRIE WI 53590	D2
AC9C	MIKE TAYLOR	1119 E ILLINOIS	WHEATON IL 60187	LE
AG9E	DAVID MEISER **	RR2 HILL N DALE	BLOOMINGTON IL 61701	D1
AG9V	JOHN ACKERMANN	4565 HILLTOP DR	LITTLE SUAMICO WI 54141	D2
AH2U	DAVID C PATTON	520 WALNUT	STREAMWOOD IL 60103	LE
AJ9U	BOB RUNNELS	3700 S ALABAMA	MILWAUKEE WI 53207	D1
AK9F	HOWARD DYBEDOCK	443 SOUTH ALMA	KANKAKEE IL 60901	LE
AK9N	EUGENE MELTON	1702 MAPLE AVE #D	LOVES PARK IL 61111-3150	D1
K1TMM	BRUCE HERRICK	PO BOX 13722	MILWAUKEE WI 53213	DE
K2PLF	MARTY GREEN JR **	10033 HILLSHIRE DR W	RICHMOND IL 60071	D2
K4VX	LEW GORDON	POB 105	HANNIBAL MO 63401	DE
K9CC	GEORGE ZURBOCHEN	10515 HILLCREST DR	PALOS PARK IL 60464	LE
K9EC	MICHAEL ZEUG	2075 BONNIE LANE	STOUGHTON WI 53589	DE
K9GL	BOB JOHNSON **	1427 VALLEY LK #1003	SCHAUMBURG IL 60195	LE
K9GS	GARY SCHWARTZ	1160 LYNX APT 3	BROOKFIELD WI 53005	D2
K9HDE	JOE MANN	2158 RIDGE	HOMewood IL 60430	LE
K9HMB	FRANK MILLER	27087 NIPPERSINK RD	INGLESIDE IL 60041	DE
K9HV	JAMES FREE **	106 E CHESTNUT	STREAMWOOD IL 60103	LE
K9JU	BOB LOVING	408 AUDUBON RD	STREAMWOOD IL 60103	LE
K9KLR	NICK LASH	458 W 900 S	HEBRON IN 46341	D2
K9KM	HOWIE HUNTINGTON	65 S BURR OAK DRIVE	LAKE ZURICH IL 60047	DE
K9NR	DONALD KEROVAC **	1377 N W CIRCLE DR	KANKAKEE IL 60901	LE
K9RR	BILL GRAF **	4120 N VICTORIA DR	HOFFMAN ESTATES IL 60195	LE
K9RS	RAY SOKOLA	1653C HANDBALL LN	INDIANAPOLIS IN 46260	DE
K9SD	SAM EFFINGER **	1820 PARIS DR	GODFREY IL 62035	DN
K9UIY	VIC SHIELDS	524 E EMPIRE ST	FREEMPORT IL 61032	D2
K9VV	FRED FUBAR	319 1/2 S 4TH STREET	ST CHARLES IL 60174	LE
K9XR	AL BROOKS	15903 HAVEN	WESTHAVEN IL 60477	LE
K9Z0	RALPH BELLAS JR	RR4	BLOOMINGTON IL 61701	DE
KA9JOF	JANE MCGINLEY	355 W NEWPORT	HOFFMAN ESTATES IL 60195	LE
KA9SLM	ANDY WALTERS **	409 W HILLSIDE DR	MUNDELEIN IL 60060	D2
KB8AC	TOM DRAKE	679 SLALOM LANE	VALPARAISO IN 46383	D2
KC9UM	GARY SENESAL **	926 BRITTA LN	BATAVIA IL 60510	LE
KD9WK	GREG GOBLEMAN	PO BOX 201	LINCOLN IL 62656	D1
KG9N	CHUCK VAN HOORN	BOX 57	GOODFIELD IL 61742	D1
KG9Z	SCOTTY MEYER	PO BOX 362	LINCOLN IL 62656	DE
K19D	JOE NEEVES **	1209 N WALNUT	NORMAL IL 61761	D2
K19G	CAROL MELTON	1702 MAPLE AVE #D	LOVES PARK IL 61111-3150	D1
KJ7K	JOHN DUNKER **	2015 SPRING RD #295	OAKBROOK IL 60522	LE
KJ90	HAROLD BURT **	1280 FAIRWOOD DR	ELGIN IL 60120	LE
KM9L	DENNY CHESTNER	1212 DOGWOOD	BLOOMINGTON IL 61701	DE
KM9P	BILL FISHER	1111 38 ST CT	MOLINE IL 61265	DE
KO9Q	MIKE FILIPIAK **	RT 1 BOX 138	GLENBEULAH WI 53023	D2
KQ9L	JAMES GORDON	R 4 BOX 145A	MONROE WI 53566	D2
KR9A	BILL BERG **	17W050 HAWTHORN	BENSENVILLE IL 60106	LE
KR9R	STEVEN LINDSTROM	708 S WASHINGTON DR	HOWARDS GROVE WI 53083	D2
KR9S	JULIAN JETZER	6400 HAWTHORN RD	SHEBOYGAN WI 53081	D2
KS9K	PAUL HELLENBERG	3326 S GREENBAY RD	RACINE WI 53403	DE
KS90	KEVIN MILHORN	1110 WHITE ROCK DR	DIXON IL 61021	LE
KV9S	KEN HAMADA	1624 COLUMBINE DR	SCHAUMBURG IL 60134	LE
KZ9K	RICHARD MORAN **	1217 HICKORY ST	GRAFTON WI 53024	D2
NO9SH	MIKE TESSMER **	502 N 2ND STREET	CALEDONIA MN 55921	DN
NS9ALC	DOT TRUHLAR	1701 W 101ST STREET	CHICAGO IL 60643	LE
NS9AU	RON GORSKI **	2330 W NATIONAL AVE	MILWAUKEE WI 53204	D2
NS9AW	J SCHERKENBACH	5952 SO ELAINE AVE	CUDAHY WI 53110	DE
NS9AX	PHIL ZMINDA	1700 MOLITOR APT 2E	AURORA IL 60505	LE
NS9BBM	MIKE MCGINLEY	355 W NEWPORT	HOFFMAN ESTATES IL 60195	LE
NS9EJL	BERNIE ALBRIGHT *	4601 MANDRAKE RD	MADISON WI 53704	D2
NS9EMC	JOE HERREWEYERS *	1206 S BROADWAY	MCHENRY IL 60050	D2

NSIA	DAVID R PATTON	520 WALNUT	STREAMWOOD IL 60103	LE
NSNC	TOM POLAND **	RR1 BOX 306	ROSSVILLE IN 46065	02
NSWA	WAYNE JOHNSON	333 S LINCOLN AVE	MUNDELEIN IL 60060	02
NS9D	STEVE DUBBERSTEIN	1119 E ILLINOIS	WHEATON IL 60187	LE
NB9T	BRIAN MAVES	5470W MILITARY #3010	SAN ANTONIO TX 78242	0N
NF9S	ART ALBRIGHT **	4601 MANDRAKE RD	MADISON WI 53704	02
NG9L	RICHARD SIKORA **	W161N9518 BLACKFOOT	MENOMONEE FALLS WI 53051	02
N19U	KENT WINRICH	214 E COLLEGE AVE	WAUKESHA WI 53186	0E
NJ9Q	JOHN SCHWALBACH	125 N UNION ST	LINCOLN IL 62656	0E
NK9G	RICK MCGAVER	6026 S NEW YORK AVE	CUDAHY WI 53110	0E
NS0Z	TERRY GORDON	POB 105	HANNIBAL MO 53401	0E
W1ZT	GEORGE JOHNSON **	W 301 S 2911 SNOWDON	WAUKESHA WI 53186	02
W5ONL	DICK SISSON	105 CASTILLE APT 5	MADISON WI 53713	0E
W6GXK	NATHAN WILLIAMS *	6915 PRAIRIE DR	MIDDLETON WI 53562	02
W8HBI	A BIESENDORFER **	424 ANITA DRIVE	BOURBONNAIS IL 60914-1032	LE
W8HE	BILL LITTLEWOOD *	PO BOX 194	WAUKESHA WI 53187	02
W9IL	LOUIS HODGES	ROUTE 1 BOX 62A	CENTRALIA IL 62801	01
W9J00	TERRY LONG **	103 EVERGREEN LANE	DECATUR IN 46733	02
W9LNG	ANTHONY TRUHLAR	1701 W 101ST STREET	CHICAGO IL 60643	LE
W9RE	MIKE WETZEL	7880 SHELBYVILLE RD	INDIANAPOLIS IN 46259	02
W9RW	RICHARD HARPER	RR1 BOX 164B	MONEE IL 60449	LE
W9TM	JAMES FLEMING	521 RUMPLE LN	ADDISON IL 60101	LE
W9TNZ	HAROLD GREENFIELD	9501 N LOREL	SKOKIE IL 60077	02
W9WI	DOUG SMITH	6832 SCHROEDER #30	MADISON WI 53711	0E
W9XT	GARY SUTCLIFFE	RTE 1 BOX 196	NEOSHO WI 53059	0E
WA1UJU	GLEN RANTALA	N7148 SHADY LANE	MENOMONEE FALLS WI 53051	0E
WA4TWB	GARY RYAN	9500 W STANFORD	MEQUON WI 53092	0E
WASAWO	TERRY BERG **	5130 E. MINOOKA RD	MINOOKA IL 60447	LE
WASBZW	AL HOVEY JR **	314 FAIRVIEW WAY	SHAWANO WI 54166	0N
WAS7ZE	JAMES AKRE	1795 SPRUCE CT	SOUTH MILWAUKEE WI 53172	0E
WASYSO	JAMES BOROWSKI **	2123 S 61 ST	WEST ALLIS WI 53219	02
WB9EGZ	DAVE MILKE **	2468 PINTO TRAIL	MCFARLAND WI 53558	01
WB9HAD	JERRY ROSALIUS	RR1 BOX 40	CRESCENT CITY IL 60928	LE
WB9HGN	NANCY HUNTINGTON	65 S BURR OAK DRIVE	LAKE ZURICH IL 60047	0E
WB9HRO	JAMES FITZPATRICK	488 RUSHMORE LN	MADISON WI 53711	01
WB9IWN	JOHN SIKORA	8747 NORTHCOTE	MUNSTER IN 46321	02
WB9JKI	PHIL RICE	425 N MONTANA	MORTON IL 61550	0E
WB9NOV	FRANK HOLLIDAY **	23 WALWORTH CT	MADISON WI 53705	02
WB9POH	KEVIN MCCLURE **	11301 CALCUTTA CT	KOKOMO IN 46901	02
WB9QCY	LYLE TEN PAS	ROUTE 1	CEDAR GROVE WI 53013	01
WB9RRU	SCOTT GEE **	918 REGENT ST	MADISON WI 53715	02
WB9TOR	MARILYN BACKYS **	1319 BALDWIN CT #3A	PALATINE IL 60067	LE
WB9TIY	KEITH MOREHOUSE	W124 CIRCLE DR SOUTH	MUNDELEIN IL 60060	0E
WB9TOC	DONN DENGEL	512 LISA RD	WEST DUNDEE IL 60118	LE
W99DHI	GREGG LENGILING **	N60W6664 VICTORIA CT	CEDERSBURG WI 53012	02
W99GYX	WILLIAM WALTERS	409 W HILLSIDE DR	MUNDELEIN IL 60060	02

STEVE DUBBERSTEIN NA9D
1119 E. ILLINOIS
WHEATON, IL 60187

6-8-87 MIKE TAYLOR 312-310-9826

1185 MEADOW LN APT 210
HOFFMAN ESTATES, IL
60194



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RR4
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