

MARCH/APRIL 1980.....NEWSLETTER.....W9BCK, EDITOR

The Ozaukee Radio Club Newsletter is published six times yearly and mailed five days prior to club meeting dates in January, March, May, July, September and November. Filing deadline for publication for articles and items is 15 days prior to club meeting dates. Mail items to be published to W9BCK c/o RCA - Suite 403 - 101 Falls Road, Grafton WI 53024. Questions or comments regarding the club or any of its activities may be directed to Barry Anderson WB95FK, President, W55 N838 Cedar Ridge Drive, Cedarburg WI 53012, or phone 375-0590.

ELECTION OF CLUB OFFICERS - 1980

The elective process took place during the regular meeting on January 9, 1980 at the Pleasant Valley School Club Meeting Room. Congratulations are very much in order for:

Barry Anderson	WB9SFK	President
Herb Roehner	WA9UVK	Vice President
Micheal Behlen	WD9FQW	Treasurer
Lee Voge	KA9EXZ	Secretary
Skip Douglas	KA9DDN	Vice President Repeater
John Strachota	WB9OHY	Activities Manager
Terry Berg	W9AWO	John's Hand Holder

Congratulations gents, and thanks on behalf of your electors for stepping up to the tasks before you (and us) in 1980.

OUR PRESIDENT SPEAKS

In a year which will be dominated by nation wide political races and foreign diplomacy, perhaps the word of the month should be "communication". Webster defines communication as:

1. A process by which meanings are exchanged between individuals through a common system of symbols (CW..?)
2. A technique for expressing ideas effectively.
3. To make known. An exchange of information.

In this coming year, I'm sure we all hope these many attempts at communication are accurate and successful. But who should really understand communication better than we? The Ozaukee Radio Club is founded upon this word ... "communication" (and of course, self-training and technical investigation).

It has bothered me that, in this era of highly technological communications, we haven't been able to get the word out that our club exists for all hams. Why, when some sources state there are 100+ Amateurs in Ozaukee County, there are only 60 some that have applied for membership in 1980? And worse, only 30+ attend monthly meetings? I invite the hams who are not members and the members who are inactive to contact any club officer or myself personally regarding any "problem" they perceive in our organization. After all, we cannot attempt to correct any such problems unless they're brought to our attention.

Therefore, let's communicate to all Ozaukee County Hams (and beyond) our club goals for 1980: (which include but not limited to)

1. Educational Meetings
2. Field Day
3. Novice & Higher Level License Classes
4. Local Communication Efforts
5. Swapfest
6. Corn/Brat Roast Family Party

I would like to promote 1980 as a year of involvement, be it technical or social, and Communication!
73, Barry WB9SFK

TREASURER'S CORNER

Mike, WD9FQW says we have 14 regular, 43 regular & repeater and 11 repeater only members as of 3/6/80. Bring a guest to meeting & join him up.

SWAP FEST UPDATE

Mike is also chairman of Swapfest, May 10 at Cedarburg Gymnasium in down town Cedarburg. Tickets \$1.50 in advance, \$2.50 at the door. Tables are \$3.00. Much membership help is needed for ticket sales...See WD9FQW or WB9SFK at meeting 3/12/80. Volunteers are needed May 9 (evening) to set up tables and May 10 all day. 70 tables are needed for Swapfest. If anyone knows of table availability in quantity please contact Mike at 377-6577.

CLUB MEETING DATES

March 12 at Pleasant Valley School and April 9 in Port Washington at Ozaukee County Emergency Operating Center in the basement of the Courthouse Annex. Take I-43 to Hy 33 Exit and proceed to Port Washington Downtown area and turn left (North) on Milwaukee St. (one block East of Stop Lite). Go North 1/2 block and turn right into alleyway. Parking on South side of alley. Enter Annex at door across alley just north of parking lot. A video program dealing with severe weather reporting is planned along with a tour of the Communication Facilities.

GOVERNORS CONFERENCE, A COMMUNICATION EXERCISE

On Thursday 2/28/80 Jeff WA9USA, Cesar N9APC and Terry WA9AWO attended the Governors Spring Conference for Emergency Preparedness in Madison. HF and VHF amateur stations were set up at the Concours Hotel in downtown Madison. 62 of 70 Wisconsin Counties checked in between 9 am and 4 pm. Ozaukee County hams accounted for 33 - 2M and 7 - 75M check-ins and placed 3rd behind Milwaukee and Dane Counties. A darn good showing for Wisconsin's smallest county. A total of 487 contacts State-wide were logged. Governor Dreyfuss stopped to make one HF & one VHF contact. Several Emergency Co-ordinators from various Wisconsin Counties were most impressed by station operations. A good time was enjoyed by all attendees. Thank you all for your support and check-in cooperation with especial thanks to Joe Bauer W9WQ who passed the 37/97 check-ins to the 75 meter relay to Madison.

Terry Berg, WA9AWO

REPEATER NEWS - WR9AAE HAPPENINGS

As most regular repeater users know, the WR9AAE Autopatch is back in service. Please keep in mind the new procedures for identifying calls to our recorder. After accessing the patch, but before dialing a phone number, identify with your call, date, and local time. Also note that due to the coming 911 telephone system, Ma Bell has changed the Metroline access number from 9 to 7. If you inadvertently use 9 you will get a busy signal signifying your error.

Several members of the club, notably K3GGN - Dean, WB9PAS - Russ, WA9UVK - Herb, and AA9W - Ed, have recently been active in developing our repeater system. We can use lots of help in several areas to speed up the work ahead. Specific talents I am looking for include CMOS Circuit Design, PC Board Layout Design, and Electronic-Oriented Drafting. In addition, we are looking for volunteers to help in raising the repeater antenna some 30 feet to the top of the 210 foot tower we are on. This will be done this summer if other plans pan out.

Some of the "bells and whistles" which will set WR9AAE out from the crowd are already in the design stage. We will have voice I.D. as well as CW I.D. An emergency Autopatch with a 911 access will be available to all licensed amateurs. This will have an autodialer programmed to call the Ozaukee County Sheriff's office. Several taped messages will be available via touch-tone access. Examples of use would be information about upcoming club meetings or events and information concerning operation of the repeater systems.

I'm sorry about the recent problem with the tone burst logic. Rest assured that I'm working on permanent solutions to all such troubles.

WR9AAE is your repeater. What can you do to contribute to its growth?

See you on '97-KA9DDN, Skip

2250 HERTZ TONE ACCESS CIRCUIT

Joe W9WQ has done it again!! He has invented a 2250Hz circuit that will "blow" your mind. It uses no current at all, unless it's moving air currents. The W9WQ lung powered Tone Burst Oscillator made from a piece of 1/4" OD Brass Tube closed at one end. It's length is slightly more than 1-3/8" for 2250Hz. As Liz' sez "just put your lips together and blow". Thanks Joe, we really needed that.

RTTY REPORT

I am not quite sure why, but there was enough of a response to the first column so that a little RTTY column will regularly appear in this paper. The one column format will be the rule. This means that if you want an in depth analysis on the subject, you can go to the library. I don't know what you will find, but I am sure it won't be much. To my knowledge there hasn't been a really good amateur orientated RTTY Handbook published since 1962. The New RTTY Handbook, Byron H. Kretzman, Cowan Publishing Corp. I don't know if this is still in print. There are a few copies around the county. There are other handbooks around, but they do not seem to be more than in-differently organized reprints of previously published magazine articles. The only other landmark publication is a series of nine articles by Irv Hoff K8DKC (now W6FFC) appearing in January-November 1966 QST. I regard these issues of QST so precious that I won't let them out of the house. If you want copies, I will be glad to furnish them to anyone interested. How-ever don't even bother to ask to borrow the magazines in which they appear. The problem with most current RTTY Handbooks is that they expect the reader to run before he is ready to walk. Lately this situation has been made even worse. Computers and RTTY are made for each other. Recent articles presume that the novice is familiar not only with RTTY, but also speaks computer. Even for an old bugger like me, it is a bit much.

I might add that the author of those RTTY articles in QST, Irv Hoff, can be found almost every evening on 14.075 or so exchanging computer programs with his buddies on the East Coast. At least half of the RTTY DX runs computer. You can tell by the sound of the keying.

The point of this column is that there is a great deal said about RTTY, but not many places where you can find the basics. The format of this column is such that I will try to hit a high point each issue, no more.

Recent investigation revealed that AJ9J has three Model 15's none of which he wants to keep. One is in nice shape. One "needs a little work". The third--well if he offers to help you put it in your car, don't let him do it. It is parts only.

73

WA9BMA

BEACONS IN THE NITE (AND DAY TOO)

This might be called the "In Case You Missed It Department". October QST p. 86 had a very interesting little table jammed up in the upper left corner of the page, reproduced below. All of these beacons have been logged since May of 1979.

Active 10-Meter Beacons

Call	Location	Freq.	Keying
VE3TEN	Ottawa, ON	28.175	fsk
DL0IGI	Germany	28.205	fsk
N4RD	Englewood, FL	28.2075	cw
3B8MS	Mauritius	28.210	fsk
GB3SX	England	28.215	fsk
5B4CY	Cyprus	28.220	fsk
VP9BA	Bermuda	28.235	fsk
A9XC	Bahrain	28.245	cw
EA2OIZ	Spain	28.2475	cw
DK0TE	Germany	28.255	fsk
ZS6DN	So. Africa	28.315	*
ZE2JV	Rhodesia	28.330	*
W6IRT	N. Hollywood, CA	28.888	cw

*Mostly fsk, but other emissions are used for propagation tests.

6Y5RC Jamaica 50.05 fsk
unk. Jambia 28.2025 unk*
*Operates daily 0400Z-0500Z
1500Z-1600Z
Ed, WA9BMA

NOVICE NET

Each Sunday, Larry KA9EXY is sharpening our slo-speed CW skills each Sunday at 1:30 pm CST on 3725 Khz. Larry is using the standard CW QN series of Q signals for CW new operation. A reprint of these Q sigs and their meanings are found elsewhere in the letter along with message form information. Sounds like fun guys, let's all give Larry a boost, help him speed up the action and give true purpose to his worthwhile effort. February check-ins include W9WQ, WB9SFK, WD9ISS, KB9DY, K9IWC, WA9AWO, and W9BCK (yes, I can still copy 5 WPM smart guys, it's those Q-sigs that kill me).

RON, W9BCK

3940 KHZ NET

"Good Grief!" You say, "you mean there are still some people who can tune below 146/97Mhz? Well, believe it, because its true! The 3940 41, 42, 43, 37, 39 (etc)Khz net meets each Sunday at 1 pm CST. First off we have transmitter hunt to find the NCS station. After you find him you gotta watch him because he sneakily moves around (clearing the band, I think its called). But Oz-Rad Hams are tough, determined guys who know how to stick with the fox, no matter how sly his maneuvers. He even changes his voice. Sometimes it's high pitched, other times low.

3940 (cont'd)

NCS's (who ever they are) are working up a neat and regular system to allow those rock bound or phase locked 2 meter types to cross band check the net through alternate NCS operators. This is going to be a lot of fun and help bring two different Oz-Rad tribes together more often. Catch him if you can, there ain't no rocks on 75.

RON, W9BCK

CLUB ADVANCEMENT CLASSES

Advancement: To move forward, achievement.
Class: Structured environment conducive to learning.

Teacher: A learning facilitator. As principal instigator for the "pass the blankety-blank exam class" which will be finished by newsletter time, I want to express my sincere thanks to Kieth and Pete McIver, Ralph Evans WA9UDZ, Mike Behlen WD9FQW, Nels Harvey WA9JOB and Joe Bauer W9WQ who graciously consented to teach selected topics for the advancement class. FCC exams are scheduled 3/26/80 in Milwaukee which should be the "proof of the pudding". I also want to thank the students who suffered through this, our first grand experiment and who endured above and beyond the limits of the posteriors while planted in seats for younger sized students. I hope those planted will blossom in spite of the fertilizer draped upon them. 73, Terry Berg, WA9AWO

THE BIG FEBRUARY CATCHALL PARTY

Booze, babes, banjo's and bandits. They were all there, whooping it up at D & G Hall with Russ, WA9PAS choking the mike with his usual fervor; embarrassing the more inactive among us by showing various postures assumed by participating Field Day Hams (all horizontal); revealing technical competence which would have better remained hidden; showing all the guys (& gals) who quit drinking since they invented the funnel; mug shots of "what? me worry?" types; stories of messed up mess cooks (mashed potatoe pancakes, indeed!) Southern comfort gone' northern, all the way from Minny-a-no-place; gals captured jewelry; guys got their surprise package. The gathering was great, the food and program excellent and the nite caps better than ever. A good time was had by all.

RON, W9BCK

CHANGE OF IDENTITY

Daryl, ex-WA9DMX is now AJ9J (another one of those "new countries" in Ozaukee).

CHANGE OF ADDRESS - (TEMPORARY)

N9AJ - Faustin Prinz
Bay Beach 2 #B-5
Fort Meyers Beach FL 33931

FOR SALE

Kenwood TS-820 W/CW Filter...\$675.
Kenwood 820 Remote VFO....\$150.
Dentron MLA-2000(2kw) Amplifier...\$600.
Above items mint condition -(Barry)WB9SFK

Estate Sale (WB9RQW)
Colins S-line, complete....\$negotiable
Viking 80-10 Antenna Tuner\$80.
For all above items contact Barry, WB9SFK
375-0590

Bearcat 210 Scanner
Ring 284-4360 ask for Harvey, K9EOY

XYL CORNER

Ann Berg WD9JHP, expresses appreciation on behalf of all long suffering wives of our male membership for an enjoyable evening at D & G "what-cha-ma-callit" Party.

STOLEN GOODS!!

...From Dennis Wroblewski K9DTK....
(1) KDK FM-2015R Tx/Rx Serial 5331
(1) FMMC-1 Microphone with built-in
Micro-pad Touch Tone

Forward information to Greendale Police
Dept. or K9DTK - 4200 West Rivers Edge Dr.
Milwaukee WI 53209
Tel. 355-4922

CLUB STATION

Club is seeking equipment to set-up a club station a Pleasant Valley School to provide a permanent place of radio operations for club members. This project is not moving so good. Give it some thought, then tell your newly elected officers to move it along. The club has equipment that it owns scattered all over the county. For those "most interested" members, insist on an inventory of these items and put the stuff to work.

RON, W9BCK

RECOGNITION - RECOGNITION

The next time all you guys are bumping bellys trying to beat each other out of the tasty cakes, donuts and sugar coated jelly filled paunch puffers and washing it down with sugar filled pop & coffee at our next meeting - just take a minute or two away from your mad scramble toward dietary disaster and look for the skinniest guy around - that's right, react

out and give a firm handshake to W9DQS, Bob Williams, who has been rounding up and serving the goodies (and yes, cleaning up after everyone is filled & gone) since the club started way back in the late fifties. Please say, "thank you Bob, I owe all of this (place hand on top of bulbous frontal protrusion) to you, thank you very much (burp)" Bob's long standing steady contribution is, indeed, more appreciated than anyone can say. We all thank you, Bob.

RON, W9BCK

ABOUT CLUB JACKETS

All jackets listed below come in the light gold color, number 1-5 are shell type jackets and the other two are winter and spring type. The jacket samples will again be at the March 12 meeting, which is the deadline for the initial order. Tax is included in the price. The price is for the jacket imprinted not just the jacket itself.

1. APPOLLO snaps only, no pockets, sizes available S 36 - 38 to XL 48 - 50. \$10.92
 2. WARM-UP snaps only, large arm holes, no pockets, sizes available S 36 - 38 to XXL 52 -54 \$13.00
 3. COMET snaps only, 2 large front pockets, sizes available S 36 - 38 to XXL 52 - 54. \$13.52
 4. DAYTONA PACER - 2 pencil pockets on sleeves, 1 large pocket in front, zipper only, large racing stripes, sizes available XS 34 to XL 48 - 50. \$15.08
Specify stripe colors: Royal/Red/Royal
White/Red/White
White/Royal/White
White/Black/White
Red/White/Red
White/Black/White
White/Old Gold/White
- They are a must!
5. SURFER - zipper only, zippered pocket, hidden hood, colored string stripes on front, any color, sizes available XS 34 to XL 48 - 50 @\$10.52
 6. QUARTERBACK - snaps only, 2 front pockets, pile lined winter type jacket, hidden hood, sizes available S 36 - 38 to XXL 52 - 54. @\$21.84
 7. BIG LEAGER - snaps only, flannel lining for spring, 2 front pockets, sizes available S 36 - 38 to XXL 52 - 52. @\$15.55

8. T-SHIRT - available in Light Gold heather tones, sizes are regular T shirt sizes. CAUTION, shirts will shrink so order one size larger. Name and call cannot be stitched on but the club logo can be imprinted. @\$ 6.24

	ACTUAL FINISHED DIMENSIONS					
	XS	S	M	L	XL	XXL
CHEST	38	45	49	53	57	61
LENGTH	24½	28	29	30	31	32
SLEEVE	32	33	34	35	36	37

INK COLOR TO BE USED IS ROYAL BLUE

NAME TO BE STITCHED ON FRONT IN SMALL LETTERS WRITTEN IS \$1.00

CALL SAME SIZE, Individual is \$1.29

CALL CAN ALSO BE ON THE BACK IN LARGER INDIVIDUAL LETTERS, WHICH CAN BE IN THE STATE OF WISCONSIN OR IN OZAUKEE COUNTY, THE LETTERS COST 60 CENTS EACH. ADD 4% TAX FOR LETTERS.

NAME _____
 ADDRESS _____
 PHONE NUMBER _____
 CALL _____ WHERE _____
 JACKET TYPE _____
 SIZE _____
 COLOR _____
 COST/JACKET _____
 LETTERING/NAME & CALL _____

NAME ON FRONT ADD \$1.04 _____
 T SHIRT SIZE (IF ORDERED) _____

PLEASE BRING THE MONEY TO THE MARCH MEETING ORDERS WILL BE SENT AFTER THE MEETING FOR THE INITIAL ORDER.

IF YOU HAVE ANY QUESTIONS, PLEASE CALL LEE VOGUE KA9EXZ AT 692-2158

LEE KA9EXZ

FIELD DAY
 What, Where, Whom, When? Somebody said to stir up the Think Tanks and get an early start on Field Day thinking. Volunteers needed at next meeting: Someone who can cook, 14 Supervisors, 39 Beer Drinkers, 1 CW Operator, 4 Balloon Operators (for Giese's antenna) 3 Fishermen and a Partridge in a Pear Tree.

SHEBOYGAN COUNTY ARC

George Mienert K9GM, president of SCARC and editor of their newsletter and I, exchange letters to publish things of mutual interest to our memberships.

- 2 meter net 147.06/.66 Wed. Eves.
- George reminds us that FCC form 610 must be filed if you moved recently.

FOR SALE

Regency HR 212 Tx/Rx, 12 Ch, 17W.
Regency HR 2MS, 8 Ch, Scanning Tx/Rx
Complete Model 19 Teletype set-up
w/receiving converter and home brew P.S.
Call Gene WB9NRM at 458-6238

BTI LK 2000 8-10M Amplifier. Floor Model
(2 plus kw) Excellent condx.
Ring George K9GM at 565-2810

Personalized Rubber Stamps made to order
Contact K9XJ at 876-2370

The Farnsworth Club has two complete
Novice Stations for Sale. Good buys
@\$100 to \$200.

Contact K9ERO, Jim
c/o George K9GM @ 565-2810

SHEBOYGAN NOVICE

Larry, KA9EXY should be on lookout for a new group of Novices from Sheboygan on air soon and invite them on the 3725 Khz. Net. Contact K9GM for more information Larry. Ask WA9AWO to climb upon 147.06/.66 & find out calls, freqs., etc.

Thanks for your input George

RON, W9BCK

MORE NEWS'S ON NEVE'S NOVICE NET (WHEW!)

As many of you know, the Ozaukee Cw Net finally got off the ground. As 6 of you know, it got off to a shaky start, but after a while it got humming pretty good. Three cheers and thanks to: WB9SFK, Barry; WD9ISS, Harold; W9BCK, Ron; KB9DY, John; W9IWC, Reed from Milwaukee; WA9AWO and maybe some others were cheering us on as SWL's. The previously mentioned shaky start came from the fact that my rig was off. Another reason was that we didn't have a very good way of checking in, after some thought, I finally came up with what I thought would be the best way. Using the first letter of the suffix of the call, the members would

check in. An example might be that the NCS would send OCNW (Ozaukee CW Net) and his call. He would then send "A" and everyone who's call was "A" would check in, such as WA9AWO, then NCS would send "B" and the B's would check in, such as W9BCK. And so on through the alphabet. This way we avoid the problem of having a meg of stations on at once. If you have any suggestions scratch us a line. The QTH is the same as the one in the Novice Corner, but please, if you call me up, or write use the call, or else you'll end up confusing my dad Larry Sr.

73 Es Cu All On Sunday
Larry KA9EXY

DX CORNER

This corner is going to be WB9BGJ's corner. Sus Sez he will contribute here if we keep after him. So...guys.... let's tickle Sus with a few reminders that there is good DX interest in Ozaukee County. From just casual listening it's not hard to tell that all the bands are doing very well. I even heard some europeans on my old BC-348; and every body knows you can't make RF go through those old 6K7's (right Jeff?) So let's hear it from Sus & all his old DX buddies next time.

RON, W9BCK

SOME THINGS THAT DIDN'T MAKE IT.....

My apologies to Lee KA9EXY for not getting his "brain teaser" in. Will try for the May issue Lee.

A low current drain tone access circuit from KA9DDN suitable for handy talkie and other 2 M installations.

Mike, WD9FQW submitted a circuit which is excellent but will be superceded by KA9DNN's which is the same circuit with one device removed. Didn't want to get anybody mad. (I still like W9WQ's the best though.)

CONTRIBUTING EDITORS

WA9BMA	Ed	RTTY Corner
WA9AWO	Terry	Activities/Classes/GUV's Conf.
WD9FQW	Mike	Swap Festival
WB9SFK	Barry	Inaugural Address/Swap Fest
KA9EXY	Larry	Novice Things
KA9EXZ	Lee	Jacket Man
KA9DDN	Skip	Repeater...Repeater...Repe...
WD9JHP	Ann	XYL Stuff

EDITORIAL

.....Who said it couldn't be done?
Thanks, you big bunch of Amateurs
Well done ES 73' til' May-RON W9BCK.

OZAUKEE COUNTY AMATEUR RADIO CLUB -WR9AAE

W I S C O N S I N

SWAPFEST

S A T U R D A Y

MAY 10

1980

***** CEDARBURG COMMUNITY GYMNASIUM *****

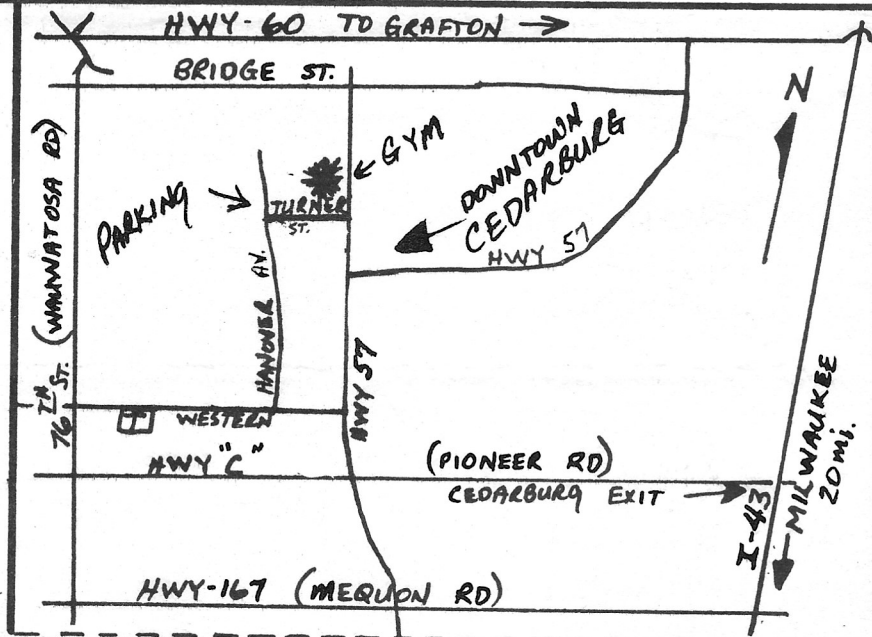
OPENS: 8 A.M. (SWAPFEST SELLERS ADMITTED :7 AM)

ADMISSION: \$1.50 ADVANCE - \$2.50 DOOR
TABLES(6') \$3.00 ADVANCE
TABLE AND ADMISSION AT DOOR - \$5.00

TALK - IN 146.37 / 97
146.52

- * WE'VE OUT-GROWN LAST YEARS SWAPFEST, AND MOVED INTO THE GYMNASIUM!!!!
- * REFRESHMENTS WILL BE AVAILABLE THROUGHOUT THE SWAPFEST.
- * FREE FM CLINIC
- * PRIZE DRAWINGS
- * COMMERCIAL EXHIBITORS
- * SAVE BY SENDING FOR YOUR ADVANCE TICKETS NOW .

73



--- ADVANCE RESERVATION ---

NAME _____ CALL _____
A DE _____ CITY _____ STATE _____ ZIP _____

SEND _____ TICKETS @ \$1.50 EACH
RESERVE _____ TABLES @ \$3.00 EACH

PLEASE SEND CHECK OR MONEY ORDER TO: OZAUKEE RADIO CLUB, INC.
PO BOX 13, PORT WASHINGTON, WI. 53074