

# The RaRa Rag

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MAY 1976

NO. 9

## May 7 is Grand Finale of RaRa '75-'76 "Programs"

by Jim Collinsworth, WB2EDT/WA2ABC

### Fred Cupp, W2DUC, Featured Speaker

The May 7 "Annual Business Meeting" is loaded with a variety of activities for the final, formal, RaRa program for the 1975-76 season. Of course, the year's activities don't end with this meeting. It will be followed with the May 21-23 Rochester Hamfest and State ARRL Convention, the annual RaRa Family Picnic on June 5 and several RaRa camping trips. Formal programming will resume in September.

The May meeting has several important facets:

- Program on transistors and solid-state devices by Fred Cupp, W2DUC
- Election of officers and annual business meeting
- Outlining of a new "Community Radio Watch" program by Monroe County Sheriff's Department.

As usual, the meeting will be at 8:00 p.m. at the Farm and Home Center, 249 Highland Avenue (just east of South Avenue).

Fred Cupp, W2DUC, of Edmac Associates, East Rochester will present a basic program on transistors and solid-state devices. Fred has been active in amateur radio in the Rochester area since coming here from Cleveland, Ohio about a decade ago. He was also an active ham there and has long been recognized for his involvement and expertise, particularly in the VHF area. Fred has been a frequent speaker on the VHF Group programs and has assisted in designing and organizing many VHF Group projects, including their outstanding VHF receiving converters and preamps. His material has been published in QST and other journals. At Edmac, Fred works in the field of data acquisition and recording--starting with a signal from a transducer through conversion to digital and to recording.

The May 7 program will be aimed at a basic level of understanding, testing and measuring transistors. Fred will cover how to determine if the devices you have (maybe some of those good deals from the Hamfest or boxes of parts from the last auction) are good and what type they are. He will also discuss how to build a simple testor to determine the gain of such transistors.

## Nursing Home Residents Aided by Local Hams in AREC/RACES Support

by Jim Collinsworth, WB2EDT/WA2ABC

WNY Section Emergency Coordinator

Effective coordination by George Negus, K2OIU, and quick response by several hams provided vital communications to Blossom Nursing Home on April 7 when telephone communications were disrupted by nearby excavating.

During the phone outage a patient required ambulance and hospital service. The responding hams requested the ambulance via 2-meter WR2ABF repeater and autopatch. Using the same service they patched nursing home personnel through to the hospital and made necessary arrangements for transfer and treatment of the patient.

Other communications provided enabled the nursing home to obtain required prescriptions and other essential supplies. The group provided communications for about 6 hours during the telephone service interruption.

The method by which the service was provided clearly points out how our planning, simulated tests, and local coordination paid off in

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A question-and-answer period will follow--and Fred is looking forward to some lively discussion of your interests and questions relative to this area.

### Lt. John Leszczynski, Monroe County Sheriff's Dept. on New "Community Radio Watch"

The Sheriff's Department has contacted RaRa about a new local "Community Radio Watch" program that they and Motorola Corporation are cooperating in. Essentially it is aimed at encouraging all two-way radio users to assist local law enforcement and public safety services. Similar programs now exist in the Dallas and Chicago areas--among others. Our own "Fuzz Buzz" (Amateur Radio Emergency Alerting System) sponsored by Rochester Radio Repeater Association and endorsed by RaRa was our first big step locally in providing such emergency and public service interface and support.

Lt. Leszczynski has offered to introduce and outline the local concept briefly at our May 7 meeting.

Be sure to attend!

# The RaRa Rag

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The Rochester Amateur Radio Association  
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## OFFICERS:

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WB2EDT

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## ..... From the President

by Bill March, WA2CER

Congratulations to Joe Hood, K2YAH, RaRa member and immediate Past President, on his election as Western New York Section Communications Manager for the ARRL. He and the recently-appointed Western New York Section Emergency Coordinator, RaRa Vice-President Jim Collinsworth, WB2EDT, will certainly keep busy in League affairs.

As usual, Bruce Kelley, W2ICE, had an excellent program for Old Timer's Nite at the April meeting. His slide with tape narration show was superbly prepared on the life of radio and aviation pioneer, Elmo Pickerill. Although attendance was off slightly, the old timers were in attendance.

As was announced by Ed Holdsworth, WA2EKR, K2JD trustee, Terry Oldham WA2LDB, donated an Apache transmitter and wire beam to the RaRa club station. Many thanks to Terry.

As required in the by-laws, the May meeting is the annual business meeting of the club where officers and directors are elected and membership dues are decided. Nominations were made at the April meeting and appear in this issue of the Rag. There will be a membership ballot as there were more nominations than available positions. Nominations will again be open at the May meeting, after which elections will be held. Please secure acceptance from any members you intend to nominate prior to the meeting, especially if the nominee may not be at the meeting. We would not want to elect someone who cannot serve.

The membership will also decide whether to accept the Board's recommendation to leave membership dues at the present level for the coming year. The Board's recommendation is due primarily to the success of the SB-104 Fund Drive and the contributions received at the refreshment table.

RaRa and the Hamfest have again decided to sponsor a booth at the Monroe County Fair this August. The booth will contain the Hamfest's badge-making equipment along with other displays. Bob Lauzon, WB2NSD, and anyone wishing to help will be working on the booth content.

The May meeting signifies the end of the 75-76 season of RaRa meetings. It will be my last meeting as President. The year went by very

(Continued on page 6)

## TIRE WORLD OF GREECE

2318 West Ridge  
225-2220

- Dayton Tires  
Div. of Firestone Tire and Rubber Co.
- All Mobil Needs
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RAY ROBERTS      BOB  
(Mgr.)      WA2QAU  
WA2SSU



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hr REPORT

Greenville, NH 03048

## Nursing Home (Continued from page 1)

quick, well organized response.

When service was disrupted, the nursing home made contact with the Monroe County Office of Emergency Preparedness (Civil Defense)--not knowing what aid might be available. The OEP contacted George, K2OIU, in his capacity as Assistant EC and coordinator of hospital/medical communications for AREC/RACES. George went immediately to the nursing home to establish communications. In route, he also contacted, via WR2AEI and WR2ABF repeaters, back-up and relief operators including W2EMX, W2ECH, WA2ZCU, WB2EDT, WA2CCI and others. All those listed did provide essential communications under George's able leadership. ECH, EMX and EDT also staffed the nursing home while ZCU and CCI provided relay and autopatch assistance.

Our close contacts with OEP and our demonstrated competency in serving the hospital/medical community in the past paid off admirably. George had communications set up and effectively coordinated for long-term service if necessary, all within minutes following disruption of service.

In a letter of appreciation the administrator of the nursing home commended the hams for their "...sincerity, concern, willingness and politeness. It is gratifying to know that our community has individuals who are ready to volunteer this kind of service. This was our first need for such assistance, and, hopefully may be our last, but it is comforting to know you are there if the need arises again."-- she said.

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## New Novices

by Lena Genstik

Here is a listing of the Novices in the Licensing Class who have received their tickets - WN2EEU, David Moynihan; WN2EEV, Audrey Moynihan; WN2EFT, John W. Gropp; WN2EFV, Karl Emilson; WN2EGK, Carleton Alberts; WN2EJP, David Welker; WN2EHR, Frederick H. Schleber; WN2EJJ, Bill Johnson; WN2EJO, Dave Simmons; WN2EJU, Neil Gibson; WN2EJV, Alex Johnson; WN2EKG, Frank Morgana; WN2EKI, John F. Kane; WN2EKJ, Frank W. Rowe; WN2EKK, Philip R. Brown; WN2EKL, Steve Ziblut; WN2EKP, Neal Eckhardt; WN2EKQ, Sue Yells; WN2EKS, Anne Jordan; WN2EKT, Dan Jordan; WN2ELB, Evhen Tupis; WN2ELC, William G. Buchanan; WN2ENY, Ralph Welker; and WN2EVE, Lisa Avis Hertz.

You can tell these hams at any RaRa meeting by the orange and black badges they are wearing. There are more but they haven't told me their calls yet.

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FOR SALE - Heath AR-27 Solid-state Monaural FM Broadcast Receiver \$20; Allied 426 Stereo Receiver \$50. Good condx. WA2GCF, Jerry Vogt, 663-9254.

## "Fuzz Buzz" Restrictions to be Eased

by Alan Komenski, WB2ZFM

The Amateur Radio Emergency Alerting System, commonly known as "Fuzz Buzz", has now been in operation for over a year. During that time, there have been over 150 calls into the system. Of equal importance, there have been no reported abuses of the system.

The Department of Public Safety Communications has been so pleased with the success of the system and the cooperation which they have received from the Amateur Community, that they have recommended that restrictions on the use of the system be loosened to allow the reporting of a greater variety of incidents directly by radio to the Public Safety Dispatcher.

The following guidelines should be helpful in using the system in the future:

Do use the system to report accidents and fires.

Do use the system to report conditions which appear to be hazardous to the safety of life or property.

Do use the system to report missing traffic signs (stop & one way signs) as well as to report malfunctioning automatic traffic control devices.

Do use the system to report other types of incidents which would normally need attention from either a police or other public safety agency.

Do not use the system to report conditions which would be reported to either non public safety or private concerns.

Do not use the system to report lost or stray animals.

Do not conduct random tests of the system. Times will be announced in the future when testing of the system will be allowed at specific times.

Remember, the dispatcher may not be familiar with amateur call signs and procedures. Give your call sign slowly and clearly and provide him with only specific information about the call.

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## NOTICE OF ANNUAL MEETING

To the members:

The Annual Meeting of the Membership of Rochester Amateur Radio Association, Inc. will be held at the Monroe County Farm and Home Center, 249 Highland Avenue, Rochester, New York on May 7, 1976 at 8:00 p. m. for the following purposes:

- (1) To elect officers
- (2) To elect a Board of Directors
- (3) To determine the dues for 1976-77.

By Order of the Board of Directors  
Robert E. Phelps, Secretary

Rochester, New York  
April 30, 1976

# NOMINATING COMMITTEE REPORT

Report of the nomination committee for officers and members of the board for the RaRa for the club year 1976-77.

For President James P. Collinsworth, WB2EDT  
Vice-President Edward M. Gable, W2MPM  
Secretary Alan Komenski, WB2ZFM  
Treasurer Leonard Gessin, WA2ZNC  
Board Members (Listed in alphabetical order)

Otto Bluntzer, WB2RJB  
Robert Erskine, W2NVZ  
Edwin Holdsworth, WA2EKR  
Ronald Jakubowski, W2HXP  
William March, WA2CER  
Harvey Samuels, WA2LUE  
Harold Smith, WA2KND  
Ralph Young, WA2GUE

Respectfully submitted,  
Rich Koehn, WB2SNA, Chairman  
David Hassett, K2SQI  
James Collinsworth, WB2EDT

## Nominee's Sketches

OTTO BLUNTZER, WB2RJB, was first licensed as KN5ESQ in 1957, then became WA5IZK in 1962. From South Texas he moved to Rochester in 1964 receiving the call WB2RJB. He, his wife, Ruth, and five children reside at 95 Mariposa Drive in Gates. Otto is employed by the Gates Chili School District as a teacher where he has worked for the past 12 years. He is very active as a member of the VHF Group and holds membership in the other local organizations. Construction of VHF gear is his favorite aspect of amateur radio.

JAMES P. COLLINSWORTH, WB2EDT, Ginger, and their five children, Mitch, 16, WB2JRX; Troy, 13; Kyle, 11; Gail, 10; and Brett, 4, resides at 1040 W. Walworth Road, Macedon.

At Kodak, Jim's position in Advertising Planning Specialist for Professional and Finishing Markets Division. He serves also as trustee of WA2MBW, Kodak Office Radio Club. First licensed about 1960, Jim has held WA4CLE and WA2LQC. He is Section Emergency Coordinator and Civil Defense RACES Radio Officer, active in Army MARS, active on 80-through 2-meter bands and is preparing for 450MHz operation. A favorite mode is RTTY and he is a recent OSCAR convert--in addition to regular FM, VHF operation. Jim has participated actively as a RaRa Director for four years.

Other professional organizations he is active in include: Society of Photographic Scientists and Engineers, Rochester Advertisers, and the Society for Technical Communications. He holds the degree of Photograph Craftsman in The Professional Photographers of America and has served for the last several years on that organization's faculty at the Winona School of Professional Photography, in Indiana. In Macedon, he continues to serve as one of the original trustees of the Macedon Public Library.

ROBERT ERSKINE, W2NVZ, resides with his wife Arlene and two boys ages 14 and 12 at 168 Vinedale Avenue. Bob has had his call since 1952. He was a theory instructor for RaRa amateur classes during the late sixties. Bob is active on 439MHz fast scan TV and 2 and 450 FM. He also operates on 15 and 20 sideband, and 10 meters when the band is open. He has been employed in radio and television broadcasting for 23 years and holds a valid 1st phone commercial license.

EDWARD M. GABLE, W2MPM, is presently signing portable 2 at his new QTH at 737 Latta Road in Greece, is a Test Engineer with RF Communications. As Extra Class licensee on-the-air since 1957, he is presently Operations and Alternate Radio Officer for Monroe County RACES, Ticket Chairman for the WNY Hamfest, a charter Life Member of ARRL, and holds an OVS appointment. Ed is past Chairman and Vice-Chairman of the Rochester VHF Group, Past Chairman, Vice-Chairman, and Activities Manager for the Rochester Radio Repeater Association, and past membership Chairman and member of Board of Directors for the Rochester Amateur Radio Association. When not operation 2 meter FM or 40 CW, Ed enjoys golfing, antique cast iron toy collecting, and bicycling.

LEONARD M. GESSIN, WA2ZNC, "Len" of 34 Cullens Run, Pittsford, is the Assistant Superintendent of Public Safety Communications, for the County of Monroe. With his wife, Onnalee, and teen son, Jeff, and daughter, Terry Ann, they try to keep little sons, Lenny and Scotty in tow. Len was licensed in 1962 when he also got his first phone radiotelephone license. The VHF bands are his amateur home, with RTTY showing a rising interest. He will be looking for idle chatter this summer, thru the 2 meter FM repeaters, as he navigates the local waterways as WA2ZNC Maritime 2 if those 2 little guys let him alone for a minute.

EDWIN J. HOLDSWORTH, WA2EKR, is employed at Rochester Gas & Electric as a Field Engineer and lives at 518 Parish Road, Honeoye Falls with his wife, Joyce, and five sons, Jim, WN2WCF; Steve, WA2EJY; Cary, ex-WN2JBF; Gerry and Keith. Activities in RaRa include serving on the Board of Directors, as Secretary, Vice-President and President. Ed has assisted with Code & Theory class for the past seven years. Initiated with assistance of WB2SNA the development of our mobile communications van, Trustee of the club station K2JD, alternate Radio Officer for RACES, member of RaRa-CD Liaison Committee, member of AREC, life member of RaRa and member of ARRL, RRRR, Genesee Repeater, and VHF Group. He has worked and continues to work to build our club station at CD Headquarters. He has assisted with WNY Hamfest for past several years and presently assist as Awards and Manpower Chairman.

Ed initiated the first Club Campout which has been enjoyed by many families over the past four years.

(Continued on next page)

# Sketches

(Continued from page 4)

Other activities include camping, woodworking, and restoring old cars (Corvairs?) to useable condition.

RONALD J. JAKUBOWSKI, W2HXP, lives at 16 Cedarwood Terrace in the city with his wife, Kathleen and two daughters, Rebecca and Deborah. He holds the Amateur Extra Class license and was first licensed as a Novice in 1962. He is presently active on the VHF and UHF - FM frequencies as well as the HF and VHF Army MARS nets. He is employed at Harris Corporation, RF. Communications Division as an electronics engineer. He is presently serving as Chairman of the Rochester Radio Repeater Association, and has served as Incorporator and President of the Cochise Amateur Radio FM Association of Erie, Erie, Pennsylvania, his home town. Other interests include church liturgy and music and keeping a house and yard in repair.

ALAN KOMENSKI, WB2ZFM, at age 25, he served as the youngest member of the RaRa Board of Directors during the 1975-76 term. He was a dedicated "behind the scenes worker", way behind the scenes, in the kitchen, serving as Refreshment Chairman.

He lives at 31 Cullens Run, Pittsford, and is employed as Supervising Dispatcher in the County of Monroe, Department of Public Safety Communications. He has been an active amateur for 11 years and is currently active on 7. W. in the H. F. bands and on 2 meter F. M. He is a member of the RRRR, ARRL, and Air Force MARS.

WILLIAM C. MARCH, WA2CER, "Bill", his wife, Elaine, 4-year old son, Billy, and 8-month old daughter, Julie, live at 1961 English Road, Rochester. Bill obtained his BME degree from General Motors Institute and is a mechanical engineer at Kodak Park Engineering Division. First licensed as WN2CER, he obtained a General license in 1958 and is active on 80 through 2 meters. His primary amateur interests are public service and civil defense and VHF operation. Of course, ham radio frequently "takes a back seat" to the family and his other hobbies of camping, hunting and fishing.

Bill has served on the Board of Directors, as Secretary, Vice-President, President and is in his fourth year as Secretary of the Civil Defense Committee.

ROBERT E. PHELPS, WB2DPT, is employed at Eastman Kodak Co., as a Foreign Patent Specialist. He and his wife, Norma, live at 35 Woodland Road in Pittsford. They have two daughters, Cynthia, now Mrs. George Brown, and Dawn, now Mrs. Charles Bidell, both of Oklahoma, Tenn. Bob was first licensed in 1959 as W8ASA. He came to Rochester from Euclid, Ohio in 1967. He is Past Master, Northfield Lodge F. & A. M., and Associate Patron, Northfield Chapter, O. E. S.

HARVEY SAMUELS, WA2LUE, a 16-year veteran with Eastman Kodak Company, aids in

the development and sales of sophisticated equipment and products at the Kodak Apparatus Division, Hawk-Eye Plant.

A World War II veteran and RIT graduate, Harvey lives with his three children at 28 Summerville Drive, Irondequoit.

First licensed in 1973 as WN2LUE, Harvey earned his General Class Ticket in 1974 and Advanced Class Ticket in 1975. He works 80-10 meters, 2 meters FM and has his eye on the frontier of 450 Mhz.

Harvey is becoming a Life Member of ARRL, and currently is a member of the RRRR and VHF Group. At present, he is also a photographer for RaRa and the Hamfest Committee.

JOHN L. SCHOOLEY, W2BLU, has been an active operator for 22 years having held the call W8PAB in Cuyahoga Falls, Ohio for 16 years and the call W2BLU for about 11 years (had both calls for 4 years). His amateur activities has included AM, SSB and CW on 80 through 2 meter with a lot of time spent on 10 meters AM and CW (in the 50's) and 40 CW and SSB. He is currently serving as Secretary-Rochester Radio Repeater Association. John came to Rochester in 1964 to attend R. I. T. for his BSEE and since 1966 has been employed at Eastman Kodak as a Development Engineer and more recently as Telecommunications Coordinator for Kodak Park Division. He enjoys swimming, sailing, and riding motorcycles. John and his wife, Sally, have two daughters: Janet, 9; and Susan, 7.

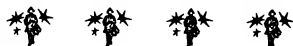
HAROLD C. SMITH, WA2KND, is Regional Sales Manager for French Telegraph Cable Company. He and his wife, Helen, WA2YRH, live at 153 Mason Avenue in Greece. He has been licensed since 1960. He is editor of the RaRa Rag and general manager of the Rochester Hamfest. Harold is an Assistant Director, Atlantic Division, American Radio Relay League and a member of the Board, Antique Wireless Association. He holds an advanced class amateur license and works all bands, with emphasis on VHF.

RALPH P. "BUD" YOUNG, WA2UGE, is General Supervisor of material handling for Rochester Products Division of General Motors. Bud and his wife, Claire, live at 79 Bartholf Road, in Greece. They have two sons, Phil and Pete. He is a native of Massachusetts and came to Rochester in 1934. He is a member of the Greece Republican Committee. Bud was first licensed in 1961.

Editors note: The nominee sketches printed in this item are for those who have already been nominated and for those who have indicated willingness to accept a nomination from the floor at the May election meeting.

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## ROCHESTER HAMFEST -



## MAY 22

## RRRA NOTES by Ron Jakubowski, W2HXP

This has been a banner year for RRRA and I would like to thank all of the members who made it possible. We have had excellent programs and even more excellent turnouts for them. Our average attendance, even through the cold winter months has been about 60. Our paid membership to date is about 102. I think that's a record for the past couple of years. We are on the verge of installing a brand new repeater and have adopted a master plan that will keep WR2AEI improving. We are taking an active part in the Rochester Hamfest by providing official talk-in stations, by having a hospitality suite at the Marriott in conjunction with SPECTRONICS, and by sponsoring a hamfest transmitter hunt. A summer picnic is planned, as well as the usual summer transmitter hunts. I am confident that the membership will support these events as well as they supported the monthly programs.

The May 21st meeting of the RRRA will be the hospitality suite in conjunction with Art Housholder's SPECTRONICS. This will be at the Hamfest/Convention headquarters, the Marriott Inn at US 15 and the Thruway. Everybody is invited to come and help kick off the Hamfest and maybe get your courage up for the Wouff-Houng initiation ceremony the following night.

The tentative date for the RRRA picnic is Sunday, June 27th, at Harris-Whelan Park in Penfield. Food, fun, and refreshment will be free to all RRRA members and their immediate family. More information will be forthcoming by mail.

Don't forget the annual meeting and elections at the June meeting. The Nominating Committee will have their recommendations in the mail to all members by mid-May, and additional nominations will be accepted by telephone to any member of the executive committee, as well as at the June meeting.

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## President (Continued from page 2)

fast for me, mainly because of the unending efforts and cooperation of the officers, directors, committee chairman, and members involved in serving your club. It was an honor for me to serve the club. Of course, I look forward to continued association with the club and all members.

Until the May meeting, 76s.

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## DAYTON EXCURSION

Fifteen RaRa members lined up at airport gate 6 on Friday, April 23, awaiting flight 421 for Dayton. Many others drove to the Ohio city for the Dayton Hamfest. One of the last people to sign on for the flight was Ed Gable, W2MPM. Happiest person on the flight back home was also Ed Gable. Ed was proudly clutching a Clegg FMDX rig which was the grand award at the Dayton FM Bash. Ed was also first to sign up for the 1977 trip.

## What's Happening on 2 Meter?

**by Tim Magee, WB2KAO**

V. H. F. has been a crowd pleaser at hamfests in past years and this year is no exception. On Friday, May 21, the Rochester Radio Repeater Association and Spectronics Chicago cordially invite you to the Marriott Inn for an F.M. hospitality suite. Liquid refreshments and conversation will be plentiful. Art Housholder and his crew from Spectronics will for certain have information and equipment which will interest all.

The new 28-88 repeater is nearing completion and we hope to have it up and running before the hamfest. Many dedicated people have worked on this project and the repeater users are appreciative of their time and talents.

There will be a R. R. R. A. picnic this year which will be perfect for families to socialize leaving the radios home. The tentative date for this event is June 27; keep tuned to the radio and R. R. R. A. bulletins for further information.

Talk-in for the hamfest should be more organized this year than it has been in the past. We plan to use K2JD and need volunteers who have an understanding of the area. Please contact Tim Magee, WB2KAO, before 3:00 p.m. daily if you would be interested in assisting with talk-in.

I am proud to be a member of the amateur radio fraternity in the Rochester area as I am sure all of us are. We have a great bunch of dedicated and polite people on our repeater. Let's be sure we live up to our reputation and welcome our friends with the same attitude that we have in the past; after all we would expect top shelf treatment if we were away from home.

In closing let me wish all of you a tremendous and safe summer. Thanks for all your support throughout the year and hope to see all of you at the picnic tentatively scheduled for June 27 at Harris-Whelan Park, Penfield.

The next R. R. R. A. meeting will be April 30th at the Pittsford town hall at 8:00 p.m. Terry Regers, WA2BFP, will discuss transmitter hunting and, by the way, get these mobile beams and attenuators out of moth balls because the next or shall I say the first transmitter hunt of the spring is scheduled for Sunday May 2nd.

See you all at the hamfest and on the air and travel with that positive Rochester attitude in mind.

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## HAMFEST TICKETS

All RaRa members are eligible to receive a special discount on Hamfest registration tickets. Price at the gate is \$4.00. RaRa members can save 25% by purchasing tickets for only \$3.00 at the May club meeting. It will be your last opportunity for the savings. Show your membership card to ticket chairman, Ed Gable, W2MPM.

# Mobile Operating Aid

by Dwight Hill, K2KWK

Keeping a microphone handy while driving has become more of a problem due to many present day cars having vinyl-covered dashboards.

Older or magnetized hangers are no longer reliable or desirable. A happy solution comes from the boating scene.

VELCRO Brand Marine Products makes a fastening system that becomes very useful for holding everything from microphones and pencils to whole radios. This system suits the inventive nature of radio hams well and it is expected that uses will be found in portable antennas and beams, travel cases, routing wires, holding logbooks and telegraph keys, etc.

The VELCRO fasteners are made up of thousands of tiny hooks on one half and tiny matching loops on the other half. The hooks interlock with the loops when pressed together and release rapidly when peeled apart. This non-metallic device can be cut to shape with scissors and sewn, stapled, or cemented in place. It doesn't jam, rust or corrode and will hold even when wet. They are practically fool-proof.

I have applied one half (the loops are softer) to the microphone of my Drake TR-22 with the other half attached to my automobile dashboard. Actually the hooks were placed in both of two cars so the rig can be used with the same convenience in either car. I also applied the hook part to the TR-22 carrying case so the microphone would not dangle to the ground or get accidentally squeezed in a pocket.

A visit to most marine stores will turn up a large floor mounted display where a variety of sizes are available. For those who are not close to a marina, the product is manufactured by VELCRO Corporation Marine Products Dept., 681 Fifth Avenue, New York, N. Y. 10022. My XYL reports that the sewable variety of VELCRO can be found in department store notion counters.

## K2JD ENGRAVING

P.O. Drawer G      PITTSFORD, N.Y. 14534

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Call Sign Badges


Call Sign Badges - Many Colors

3/4 X 3	One Line	\$1.00
1 1/4 X 3	Two Lines	\$1.50
2 X 3	Two Lines	\$2.00
2 X 4	Two Lines	\$2.50
Pocket	Two Lines	\$2.50
ARRL Diamond	(extra)	\$.50
Additional Lines	(each)	\$.50

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RUBBER STAMPS

50¢  
Extra



**WB2RED**

**Hank O'Hare**

153 45TH STREET  
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\$2.50

\$3.00

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Mail Orders with check and exact layout for badge or stamp.  
Three Day Service

WANTED: BC-348 receivers, parts, components, diagrams in any condition. Also want accessories like mounts, plugs, headphones, etc. Especially interested in historical matter on this equipment and photographs of installations of airborne and land base/mobile applications. Secondary interest in BC-312, BC-342, BC-314, BC-344, RA-20 power supply. Also want copy of CQ mag. for Sept. 1956, Feb. 1959, and Mar. 1959. Any type of information is invited. Please contact Dwight Hill, K2KWK, 716-544-2332.

## ANTENNAS FOR 1976

Let your signal be heard! From among our lines we can help you select that particular antenna which will do the most for your station . . . and within your budget!

ANTENNA SPECIALISTS • CUSHCRAFT • DENTRON  
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See us for all your Amateur Radio needs.

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