

# The RaRa Rag

Published by

The Rochester Amateur Radio Association  
INCORPORATED

VOL. 34

APRIL 1982

NO. 8

## APRIL 2nd — OLD TIMERS NIGHT at Gleason Works

The April 2nd meeting will be the annual "Old Timers Night" hosted by our club historian, Bruce Kelley, W2ICE. The meeting will be held **THIS MONTH ONLY** at Gleason Works Recreation Center, 1000 University Avenue, one block west of the intersection of Culver Road. There is plenty of parking in front of the building.

Kelley's program will focus on "Super Antennas" and will include a slide show and commentary on antennas used by top DX'ers, W2BXA and W6AM. W2BXA was first in the world to work 100 countries via satellite and W6AM had 60 acres of antennas. The program will also cover the super antennas at the Voice of America's three megawatt station at Cutler, Maine.

The meeting will be called to order promptly at 8 p.m., and refreshments will be served by the GEARS club. The highlight of the evening will be the award of a comfortable desk chair.

Also at this meeting, the nominating committee will present their report and nominations will be opened from the floor for officers and directors. Nominations will also be accepted at the May meeting.

## MEMBERSHIP NOTES . . .

by I. J. Goodman, AF2K

At press time, Association membership stood at an all time high of 839, which includes 195 *New* individuals this season. Your club continues to grow at a steady pace. If you know of a friend who is lax in renewing, why not drop him or her a verbal reminder?

Still plenty of RaRa Directories available. If you have already renewed and still don't have one, or if you have automatically become eligible for one by recently obtaining a call sign and thereby upgrading from "Associate" to "Regular" member status, be sure to obtain your copy at the next meeting. Or you can arrange to have a friend pick one up for you. See the Membership Chairman or assistant.

## MAY 1st: EXAM APPLICATION DEADLINE

Hooray, Hooray — the first of May,  
Mail the six-ten form before today!

As reported in the March *RaRa Rag*, by John Schooley, the FCC "volunteers" will be in Rochester to give exams at the May 15th Hamfest.

To take an exam at the Hamfest you will have to apply to the Buffalo office of FCC. Send in before May first. Do it now! Be sure to note "Rochester Hamfest" on the outside of your mailing envelope and in Section II-B of the Form 610.

Mail to: Federal Communications Commission, 1307 Federal Building, 111 West Huron Street, Buffalo, New York 14204. If you wish to be sure you got it there on time, enclose a *sase* or postcard back to yourself.

## VHF GROUP

The Rochester VHF Group meets Friday, April 23rd. This is not the traditional meeting night, so watch it. The RRRR and VHF Group meeting order are reversed for April only. Program details will be announced by the usual grapevine.

## Rochester Group Meets on 15 Meters

Many Rochester natives who have moved out of the area keep in touch with "home" on a net which meets near 21.415 MHz. Monday through Saturday, at 11 a.m. Average net attendance is about 12 stations. Tune in. You may meet an old friend!

## SILENT KEY

Onnalee Gessin, KA2FIS, of Pittsford, NY, wife of Len Gessin, WA2ZNC, passed away after a lengthy illness February 28th. She will be remembered for her planning and organization of many RaRa picnics and for the selection of gifts for our ladies that are given at the Valentine Dinner-Dance.

# The RARA RAG

Published by

The Rochester Amateur Radio Association  
INCORPORATED

P.O. Box 1388, Rochester, NY 14603

Editor..... Ronald J. Jakubowski, K2RJ  
446 Cedarwood Terrace, Rochester, NY 14609 (716-482-6308)

Associate Editor..... Dwight Hill, K2KWK  
265 Norcrest Drive, Rochester, NY 14617 (716-544-2332)

Advertising Manager..... Frank Pollino, K2OS  
149 Whittier Road, Rochester, NY 14624 (716-594-0502)

## Editorial Comment

### RaRa AND YOU

This year RaRa has the highest membership ever recorded - 839. And of these, 195 are new members. (157 1981 members chose not to renew this year.) That is quite an accomplishment and our membership committee should be commended.

It seems, however, that the larger the club gets, the more difficult it becomes to find people willing to accept leadership positions, to work on club projects or even to attend club meetings. Our meeting attendance has been down significantly even though we now have a more-spacious, easily accessible meeting place with plenty of parking. Some attribute this drop in attendance to last May's annual meeting, a very long and spirited meeting to say the least. If this were somebody's first club meeting, it most definitely could have left a bad impression. In Rochester, however, that meeting is not at all typical of RaRa's or any other radio club's meetings. Compared to organizations elsewhere that I have been associated with, RaRa has made a concerted effort to keep petty politics out of the general membership meetings. In general, this effort has been quite successful.

There are some who say that the club is run by a "clique". Well, my personal investigations shows that the only prerequisite for joining this "clique" is the willingness to work and to accept responsibility for the tasks which need to be done. This is what separates the *doer's* from the *wish-THEY-woulda-doner's*.

What can you, the average club member, do to help out; to carry the load? The most important thing is to attend the meetings, meet your fellow members and find out what is happening in the club. Volunteer to help out or organize public service events, club station work parties, refreshments, publicity, etc. Above all, if the nominating committee calls and asks you to consider running for office, give it your most serious consideration. Don't accept if your schedule will not allow you to attend meetings regularly and fulfill the duties of the office. On the other hand, don't decline just because you feel you have no experience or lack self-confidence. Experience and confidence can be built only through hard work and the acceptance of responsibility.

We are members of one of the best if not *the best* Amateur Radio organizations in the country. But the organization needs each and every member's active support to survive. Will you give it a try?

K2RJ

VOL. 34                      APRIL 1982                      NO. 8

### OFFICERS:

President: Donald H. Drennan, W2EBF - 671-3366

Vice-President: Edwin J. Holdsworth, N2EH - 624-1929

Secretary: Gary Perkins, WB2MDC - 428-5679

Treasurer: Gilbert R. Chapin, WB2UTI - 426-0731

### BOARD OF DIRECTORS:

Harold C. Smith, K2HC - 225-5280

John R. Golden, W2IRG - 381-4428

Harold Mundy, KD2K - 352-4212

Irv Goodman, AF2K - 671-4430

John Schooley, K2NC - 225-3626

Club Historian: Bruce Kelley, W2ICE

Licensing Course Director: Edwin Holdsworth, N2EH

Membership Chairman: Irv Goodman, AF2K

Public Relations Director: James O'Brien, K2UDP

Hamfest General Chairman: Harold Smith, K2HC

K2JD Engraving Director: Robert Lauzon, K2RL

The RaRa RAG (USPS 605-440) is published monthly except July and August by the Rochester Amateur Radio Association, P.O. Box 1388, Rochester, NY 14603. Subscription price \$1.00 per year (included in \$6.00 annual membership dues). Second class postage paid in Rochester, New York. Full permission is granted for reprinting articles provided a credit line is given to the RaRa RAG. The RAG exchanges with other organization's publications.

## HARVEY'S HAM

KB2LB

Caledonia, NY — 538-4750

3154 State Street

TEN-TEC — DENTRON

new and used

SUPER LOW PRICES

We will sell your used gear for you.



## WAYNE COUNTY RACES NEWS

by Bruce Blair, WB2QKO,  
Asst. Wayne County RACES Officer

During 1981 the Wayne County RACES Net was held each Sunday morning at 8:45 a.m. on the 146.085/685 Wayne County Civil Defense Repeater. According to the records, 55 stations checked in during the year, with an average of 14 participants each Sunday. WB2JQJ holds top honors, with 51 checkins, followed by WB2JSB (48), KB2XI (42), WB2QKO (42), and KA2DBD (40). All Wayne County RACES members are encouraged to participate "out of the county" checkins are always welcome.

On January 21, 1982 the Civil Defense organizations of Wayne County, Monroe County and the State of New York participated in an exercise to test the Ginna Emergency Response Plan. In the opinion of many people, it was a very successful drill. The official report should be received soon.

The drill started with notification of an "Unusual Event" at 6:30 a.m. The Directed Net was called about 9:00 a.m., and was secured at about 3:15 p.m. The following amateurs volunteered their services: KB2XI, KA2IEL, WB2LTN, WA2FJL, and WB2QKO at the Wayne County EOC; N2COJ, N2CSY and K2MPE at Lake District ODP; WA2MCA at the Newark State Police Barracks; KA2KFG at the Ontario Fire Hall; KC2GZ and WB2JSB as a Radiological Monitor Team; KC2JH and N2AGA as the Aeronautical Monitor Team, Palmyra Airport; WB2RKJ at Palmyra-Macedon High School (Evacuee Reception Center); AB2F and KA2HWW on stand-by.

On January 25, 1982 an actual emergency occurred at Ginna. The alert was declared at 9:40 a.m., and the site Area Emergency was declared at 10:40 a.m. The Wayne County Net Control was partially manned at 10:30 a.m., fully operational at 12:15. Lake District ODP was manned by 11:30 a.m. The following amateurs participated: KB2XI, KA2IEL, WB2QKO, WA2GAI, WA2FJL, WB2LTN, WB2RKJ, KA2HWW, K2IMO, KC2JH, and WB2BSN at the Wayne Ontario Fire Hall. WB2NLN, W2ZUX, WD2AKA, WB2IEY, and K2BWK at Canandaigua Troop E State Police Barracks. KC2GZ, K2ZIF, WB2QXJ, KA2DBD, WA2MCA, WB2YHD, WA2MCD, AB2F, and KA2HRS on stand-by.

Many thanks to those amateurs who assisted during the Exercise and the Ginna Emergency.

*Tnx D.A.R.C. Newsletter*

## JOHN HAMBLETON FEATURED AT RRRA MEETING APRIL 16th

The April meeting of the Rochester Radio Repeater Association, Inc. will occur Friday, April 16th, at the Pittsford Town Hall. (This allows for Good Friday which falls on April 9th.) The program will be on SKYWARN AND WEATHER-WATCH with John Hambleton, Meteorologist with WHEC-TV Channel 10, and Don Partis, WA2AIV, Western District Emergency Coordinator.

Roger Williams, W2NES, has resigned his job of "Weather-Watch" Coordinator. His decision due to poor health, is accepted with regret. We all wish him better health, comfort, and dx.

Work is progressing on the upgrade of the 28/88 repeater in preparation for adding a remote receiver and talking clock. We now hope to have the remote receiver on-line by June.

The new antenna for the WB2KAO/R 449.7/444.7 repeater is in and will be installed soon. This should dramatically improve coverage and eliminate the noise under windy conditions.

The Harris RF Communications Amateur Radio Club's "Talking repeater", WA2EWU/R on 449.25/444.25 has its "voice" back thanks to George Walker, KC2EI, and Craig Stolze, WB2AQQ, who carried the logic box 1½ miles up the mountain on foot after they could go no further in George's 4WD truck. The new chip set has an expanded vocabulary and a clock. But we will have to talk with National Semiconductor on getting the word "Bristol" into the Digitalker's vocabulary!

The Annual meeting of the RRRA is to be held June 4th. Election of officers will take place at this important meeting. Now is the time to be thinking about nominations and running for office yourself.

President Ray, WA2MYG, is still carrying some 200 Charter Member Certificates.

 **HEATHKIT**

**ELECTRONIC CENTER**

937 Jefferson Road  
716-424-2560

**WE DON'T SELL JUST HEATHKITS  
WE SELL**

HUSTLER, CUSHCRAFT, MFJ, COLUMBIA  
BERK-TEK, AMECO, ARRL BOOKS, B & W,  
AVANTI, ZENITH, GC, JIM PAK & MORE!

## SKYWARN LIVES

by Don Partis, WA2AIV

At the request of Mr. Pete Chaston, of the National Weather Service, a SKYWARN program has been formed in the Western New York area, primarily servicing the Rochester area. Through the Rochester Amateur Radio Association, and the Genesee Radio Amateurs, in Batavia, over 100 amateurs have expressed interest in being part of this activity.

SKYWARN is a National program, developed by the National Weather Service, to provide extra "eyes" for the NWS in its effort to give the public advance warning of severe weather, particularly in regard to tornados. Thanks to Dick, K2VCZ, a 2 Meter Heath transceiver has been installed at the Rochester NWS, and a spare has been provided by Joe, WB2IID, of Batavia. The Rochester Radio Repeater Association has been selected to provide the local coordinator of operators at the NWS office, under the direction of Ed Maher, WB2ZJY, and Art Bohnke, KA2BGW. At least 12 names will be needed on the operator list to be able to provide operators around the clock when needed. All those interested in this are urged to contact either Ed or Art.

This program is totally under the control of the NWS. When they anticipate the possibility of severe weather, they will begin calling from their list. When they contact two operators who can go to the office it becomes our job. These operators will be briefed, and upon arriving at the office will activate a tone alert on the radio, a 1050 Hz. tone, to activate the network on the W2ZIA repeater, 146.04/146.64. The WB2IID repeater, 144.71/145.31, will be used as a backup. They will then relay to the net what the weather situation is, and what is needed by the NWS in the way if additional observations. They will then pass this data to the NWS people to analyze and pass on to the public via their NOAA Weather Radio.

With the reprieve granted to the Rochester NWS office recently, and the approach of the Spring/Summer tornado season, it becomes very important that this program has good support. A Weather Information Net, WIN, meets on Mondays at 8 p.m., on the W2ZIA repeater for training and general SKYWARN information. Anyone interested in this program, and anyone interested in weather in general is invited to check in. All who do so will be added to the NWS mailing list, and will receive several helpful brochures on SKYWARN as well as info on storms and how to observe and report this data.

It should be noted that no equipment or special prior knowledge about weather is needed, just a willingness to provide a public service.

## THE LUNAR LETTER — A NEW VHF/UHF PUBLICATION

The *Lunar Letter*, a publication devoted to moonbounce (EME) and weak signal VHF/UHF operation has reorganized and expanded as of the March, 1982 edition. It is now published in magazine format and will have broader coverage of the VHF/UHF scene. Subscriptions are \$7.50 per year from *Lunar Letter*, 312 12th Avenue South, Nampa, Idaho 83651, phone (208) 466-1115 or 467-6858.

## ALTERNATOR WHINE ?

A recent technical evaluation (witnessed by the RAG technical staff) has shown that the Radio-Shack Archer 5 amp alternator whine filter is extremely effective in greatly reducing, and in most cases totally eliminating alternator and ignition noise from mobile communications equipment. No other equivalent commercially available filter could be located after an extensive search. The Archer RS 270-050 retails for \$13.

Another idea to try when combating alternator whine is to run the radio power leads directly to the battery. If ignition control is desired, a relay can be added in series with the line to the battery and switched by an accessory or ignition 12 volt source.

Whenever 12-volt wiring is run through the firewall of a vehicle, a fuse should be placed in-line, close to the battery or voltage source. Failure to do so could cause an engine-compartment fire if the insulation should fail and the line short out to the firewall.

*Thanks WA2ZKD*

FOR SALE: SB-302 receiver with all filters, SB-600 speaker, manual. Excellent condition. First \$150. Contact Chuck Oneske at 266-6370 or 475-9050 ex 391.

## REPAIR

AMATEUR      COMMERCIAL

HF — VHF — UHF  
DIGITAL — ANALOG

25 Years Experience

10% 20% 30% etc. discounts

NORM WEBB  
716-442-6444

K2 PPO  
7-10 p.m.

## RDXA: APRIL 20th

by Rick Berg, KS2F

The Rochester DX Association will meet on Tuesday, April 20th, 8:15 p.m. at the Colonial Hotel, 1129 Empire Boulevard. All are welcome.

For those who participated in the phone section and cw section of the ARRL sponsored contests the results of the local effort should be on hand. Gary Winkelman, KB2NU, should have the results for everyone to see. The monthly mailing to all RDXA Members will contain the meeting agenda and the program for the evening.

The RDXA welcomes anyone in the Rochester area who would like to discover more about the "chasing DX" aspect of the amateur radio.

## FCC PROPOSES WIDER PHONE BANDS

Excerpted and condensed from the Federal Register

The Federal Communications Commission proposes to make additional segments of the 14 MHz amateur band available for telephony operation. The Commission is also inquiring about making additional segments available for telephony operation in the other high frequency (HF) amateur bands (those amateur bands between 3 and 30 MHz). Congestion on the frequencies currently authorized for telephony use is causing the employment of this mode to become increasingly difficult. The proposed rules revision would help alleviate this situation in the 14 MHz band. The inquiry looks towards finding a suitable set of frequencies for telephony expansion in the other HF amateur bands.

The Commission has before it at this time seven petitions for rule making which request that the Amateur Radio Service Rules (Part 97) be amended to provide for the use of telephony operation (emission types A3 and F3) on additional portions of the amateur high frequency (HF) bands – the bands between 3 and 30 MHz. Six of the petitions propose some particular portion of certain bands for additional telephony authorization. Four of the petitions propose that additional telephony privileges be divided among or limited to certain operator classes.

The Commission proposes to expand telephony privileges in the 14 MHz amateur band by adding the frequencies 14150 - 14200 kHz to those currently authorized for such use. We anticipate that our proposal would provide substantial relief to the current overcrowding in the 14 MHz telephony subband while causing only a minimal disturbance to international operations.

We propose to make all of the additional tele-

phony subband frequencies available to Amateur Extra Class, Advanced Class and General Class operators. To this end, we have specifically proposed to not change any of the operator privileges. However, we invite comments as to whether it would be desirable to delete from General Class operators the privileges between 14150 kHz and 14200 kHz, and instead, add privileges between 14225kHz and 14275 kHz to those authorized for General Class operators. In this way, the telephony subbands available to General Class operators will be contiguous. Also, consistent with our action in PR Docket 80-252 to permit the use of television and facsimile on most portions of the HF bands where telephony is permitted, we propose to include the use of type A4, A5, F4 and F5 emissions in the new 14150 - 14200 kHz subband allocation.

The 14 MHz amateur band has one of the two smallest telephony subband allocations and is, perhaps, the most popular HF amateur band due to its reliability for long distance communications. Because of these factors, we believe that crowding on this band is severe enough to transcend much of the controversy surrounding telephony subband expansion, and for this reason we have set forth a specific proposal for that band. However, we are not proposing expansion of any of the other telephony subbands between 3.5 and 29.7 MHz because we feel the issues involved are too inadequately defined for us to commit ourselves to any particular course of action. Instead, we invite the submission of comments and supporting information with which these issues may be clarified. The Commission recognizes that the existing telephony subbands are often seriously overcrowded. However, we request commenters to weigh the magnitude of this problem against the issues addressed in the following questions:

A. Would expansion of the telephony subbands have a major detrimental impact on domestic telegraphy operations?

B. Do non-U.S. stations still have a legitimate requirement to be protected, on some frequencies, from U.S. telephony operations?

C. Does the current trend toward the use of transceivers (with a common transmit and receive tuner) make the reservation of frequencies suitable for contacting foreign stations using "split operation" unnecessary or undesirable?

D. Should additional subband allocations for telephony be contiguous with the existing telephony subbands?

E. Would it be appropriate to relocate the existing Novice subbands to new frequencies

(Continued on next page)

**BANDS** (Continued from previous page)  
within the same HF bands in order to make a telephony subband expansion more orderly?

F. Are the current exclusive subbands for Amateur Extra and Advanced Class operators sufficient to meet the goals of our incentive licensing program if all additional telephony frequencies are authorized to General as well as Amateur Extra and Advanced Class operators?

G. How should the recent expansion of the Canadian telephony subband in the 7 Mhz band influence proposals for a U.S. telephony expansion in the same band?

We also encourage commenters to make specific recommendations as to what frequencies would be best suited to use for additional telephony privileges and the relative occupancy of those frequencies. Comments about related matters not explicitly mentioned above are also invited.

**DATES:** File comments on or before July 1, 1982, and reply comments on or before August 2, 1982.

**ADDRESS:** Federal Communications Commission, Washington, DC 20554.

**FOR FURTHER INFORMATION CONTACT:** Steve Lett, Private Radio Bureau, (202) 632-7597.

**SUPPLEMENTARY INFORMATION:**

Adopted: February 11, 1982.

Released: February 24, 1982.

The RaRa Legal Committee will be responding to these questions in the name of the club. If you have opinions or wish to help formulate the response, contact any of the club officers or board members.

---

**FOR SALE:** 2 ea. Model 15 RTTY page printers/keyboards, 2 ea. power supplies, HAL ST5-AK1 terminal unit, Tape reader. Complete set of parts and repair manuals. Contact Chet Gilbert, WB2ZFS, 27 Beaumont Rd., Rochester 14616. Phone 663-0305.

---

## THE NOVICE

by Russ Foster, KA2NHP

You may forget your first date, your first car, your first big pay check, but who could ever forget your first QSO. With a trembling fist and a blank mind and a prayer that who ever answers your call, would be slower than you are on cw. As I am very near retirement, yet I feel like a young man when I say I am a novice in amateur radio.

"Thank you RaRa for teaching me to become a Ham".

## THE RaRa RAG 20 YEARS AGO: APRIL 1962

by Ed Gable, K2MP

This issue was filled with information concerning the Annual Western New York Hamfest to be held on May 12th at the Doud Legion Post. Hamfest Chairman Bruce Kelley, W2ICE, promised a fine show with Lew McCoy, W1ICP, all the way from ARRL Headquarters to give a talk on antennas. The April meeting offered two features; a talk by Delfin Galvez, HP1DG, on Amateur activities in Central America, and a film by RCA on the Tiros I and II weather satellites. Doc Thompson, WA2EIP, announced the start of yet another Novice Class. 45 happy Amateurs passed their General Test given by the FCC at the Rochester Museum examination point. Rochester Electronics Corporation (Abe W2QIQ) in their Ad offered the new Hallicrafters SX-111. RaRa's Treasurer was Larry McConnell, K2UCI, while Cappy Capauldy, K2UXF, performed the Secretary chores.

---

## FCC TELEPHONE NUMBER

At the newly remodeled Gettysburg Licensing Division, and that remodeling made it just ahead of the budget cuts, they have added something most helpful—Consumer Assistance Branch. The problem: no one knows the number. Here it is: (717) 337-1212.

This branch is supposed to help in different ways: provide proper license forms; help in completing them; provide information on call signs and frequencies; handle requests for special temporary authorizations; refer legal, technical and engineering questions to the proper authority; and help to process requests for unusual information.

If you prefer to write, here is the address:

Federal Communications Commission  
Consumers Assistance Branch  
Gettysburg, PA 17325

*Tnx: APB - NY*

---

**FOR SALE**—SWAN 350 Transceiver for the high frequencies, SSB with VOX and DC/DC convertor, includes manual. \$200.00. Contact Norm Webb, K2PPO, phone 442-6444 at home; work 726-5326.

---

## MEA CULPA

Names of more helpers for the RaRa move are surfacing. Our thanks to WA2ZNC, Len Gessin and to his sons Lenny and Scotty, and also to WB2UTM, Tom Perry. We regret the omission.

## DX BULLETIN STATION WANTED

by Dwight Hill, K2KWK,  
ARRL OBS, ARRL PIA

There is a great surge of re-newed activity among the dx seekers in the Rochester area and surrounding counties. Many others are thinking about getting active, though they feel they lack either skill or equipment for the game. Among those who are very active a few may have very nice equipment and big antennas, but there are some who shun those big gun stations and still seem to work their share. Why is that? They often know something more about what dx stations are around and when. They may subscribe to one of several dx publications. They might also be participants in some dx nets. They might also copy dx bulletins sent on the air. Some of those bulletins are sent by W1AW at the ARRL Headquarters.

In fact, the W1AW DX Bulletins are sent each week to occur just before the weekend activity period. Anyone can copy then at 18 w.p.m. beginning at 8 p.m. Thursday night, also at 11 p.m.; and then again at 10 a.m. and 5 p.m. on Friday. But with personal schedules being what they are it is often difficult for those who would like the information to catch it from W1AW.

It would be very useful to dx'ers new and old to have someone copy the W1AW DX Bulletin and then send it on the air for the local gang. Doing so would also serve the purpose of keeping up the code speed skill for the person taking the bulletin. It would be nice if the person to do this was familiar with the dx scene, but it wouldn't be totally necessary. It seems like a good way to become familiar with the dx scene though.

Re-transmit the bulletin information in voice form. Whatever band/mode you choose, it is very important to choose a time that you can be con-

sistent with. Whether or not you use a local repeater is not as important as being on time for your schedule. For if you cannot keep your schedule, within reason, you can hardly expect the listeners to do likewise.

Think about it! It is fun! You might get some dx goodies yourself!

## OUR REPEATER

Good Old 'Peter - (our repeater),  
sits high upon the hill.

He brought the local gang together.  
They even pay his Bill!

Month in - Month out, they gather about,  
To discuss his care and feeding.

They bought him shoes. They clean his ears.  
"Keep darling dear old Murphy out."

He's brought the gang together,  
though scattered far and wide.

From the valley, on the town,  
or out upon the tide.

Three times has 'Peter changed his clothes,  
twice now some insides too.

They changed his name, disclosed his code,  
then made him into two.

He brought the gang together,  
even flying in the air.

When day is done, -son-of-a-gun!  
their tales he does compare.

Good Old 'Peter - (our repeater)  
answers all who call.

He keeps the gang together,  
they share him, one and all.

Dwight Hill, K2KWK



CENTRAL NEW YORK'S MOST COMPLETE HAM DEALER



ROBOT 800



KENWOOD TS8305



DRAKE TR7DR7



YAESU FT707

Featuring Kenwood, Yaesu, Icom, Drake, Ten-Tec, Swan, Dentron, Alpha, Robot, MFJ, Tempo, Astron, KLM, Hy Grain, Mosley, Larsen, Cushcraft, Hustler, Mini Products, Bird, Mirage, Vibroplex, Bencher, Info-Tech, Universal Towers, Callbook, ARRL, Astatic, Shure, Collins, AEA. We service everything we sell!

Write or call for quote. **You Won't Be Disappointed.**

We are just a few minutes off the NYS Thruway (I-90) Exit 32



OUT OF STATE  
ORDER TOLL FREE  
800-448-9338

ONEIDA COUNTY AIRPORT TERMINAL BUILDING  
ORISKANY, NEW YORK 13424  
N Y Res Call (315) 736-0184

Warren - K2IXN  
Bob - WA2MSH  
Al - WA2MSI