



the **RARA RAG**

Published by

ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL. 50

September 1997

NO. 1

September Program - The Year of Public Service and the NTS

by Rick Wells, W2RW

"Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications." Sound familiar? It should! It's FCC Section 97.1 (a), the first of the five purposes of Amateur Radio. If you're a relatively new licensee, I'll bet you recognized it right away. It was probably on your test. For the rest of you old timers (myself included) it's time to dust off those FCC Rule Books or at least take a moment and reflect on this very important element of our rules and regulations.

Now, if you have ever had the opportunity to stand in front of your town's zoning board to argue the merits of a 150 ft. tower, you probably were thanking the stars for this as well as the other four elements in our basis and purpose. Anyway, public service is supposed to be fun. It is a large part of our hobby. As an aside, I recently applied for and received a permit for a 75 ft. "Antenna Support Structure" and I'm pleased to say I did not have to stand in front of the board, but I did consider the possibility, if it had been required.

The season kick off meeting on September 5th at 8:00 PM will feature our own ARRL Western New York Section Manager, Bill Thompson, W2MTA, speaking on "The Year of Public Service and the NTS". If you've had the opportunity to hear Bill speak before or have simply talked to him at any of the WNY hamfests which he attends, you already know that this will be an informative and exciting evening. Please come and join us for the meeting. Also I would encourage you to bring any League related questions or input to present to Bill. He is our elected official to the ARRL and a most competent one from my observations. Let's use this opportunity to learn from Bill and to feedback anything on your mind which should be directed to our Atlantic Division director or the League.

Also, I would like to hear from anyone who has a special interest or talent who would consider being

RaRa MEETING

September 5, 1997

8:00 P.M.

Henrietta Fire Hall

3129 East Henrietta Road

The Year of Public Service and the NTS

a program speaker. Or, if you just have an idea about some topic of general interest on what you'd like to see presented at a meeting, please let me know. If I don't hear from you, you'll be taking your chances just letting me dream up stuff on my own!

RaRa FALL CLASSES ANNOUNCED

Greetings! I hope that everyone has had an enjoyable summer. The weather certainly has allowed all of us to enjoy the usual summer activities. Of course they're are those great antenna projects as well.

At any event a little about myself for those who don't know me, have been a ham since 1989, and currently hold an extra class license, and am a graduate of RaRa. I am self employed and tune, repair, and rebuild pianos, and have been doing such since 1973.

Continued on next page.

SILENT KEYS

Patricia S. LaJuett

KB2CHK

June 11, 1997

Raymond J. Roberts

WA2SSU

July 14, 1997

RaRa Life Member

the **RARA RAG**

PUBLISHED BY

ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

P.O. Box 93333, Rochester, NY 14692-8333

RaRa Hotline 442-0587

Editor.....Neal Eckhardt, WB2EKP
80 Authors Avenue, Henrietta, NY 14467 (716) 359-2672
Internet:eckhardt@frontiernet.net

Managing Editor.....Dick Goslee, K2VCZ
24 Elaine Drive, Rochester, NY 14623 (716) 334-1762
Internet:goslee@frontiernet.net

Advertising Editor.....Dick Goslee, K2VCZ
24 Elaine Drive, Rochester, NY 14623 (716) 334-1762
Internet:goslee@frontiernet.net

Other interests include computers, and am an avid New York Yankees fan and enjoy baseball.

Now however, fall will soon be upon us, and another season of RaRa classes will soon begin. September 15th is the big day. Registration will be held at 7:30 P. M. at 111 Westfall road. Classes will be offered in novice, technician and general theory, along with cw classes for 5 and 13 per minute code. Classes for advanced theory may be offered if requested. For further information you may contact me at 716-865-2585. You may get an answering machine concerning Rosenberg Piano service. Just leave your name and number and I will return your call as soon as possible. Hope to see you on the 15th. Happy hamming.

Lynn N2IZX

VOL. 50 September 1997 NO. 1

OFFICERS.

President: George Lloyd, N2UIO.....637-9499
Internet: n2uio@frontiernet.net
Vice-President: Rick Wells, W2RW..... 621-7583
Internet: wells@mail.dec.com
Secretary: Robert Gordon.....
Treasurer: Richard Goslee, K2VCZ.....334-1762
Internet: goslee@frontiernet.net

BOARD OF DIRECTORS:

Lloyd Caves, WB2EFU.....671-7079
Internet: wb2efu@aol.com
Neal Eckhardt, WB2EKP.....359-2672
Internet: eckhardt@frontiernet.net
Peter G. Fournia, W2SKY.....377-0535
Internet: glide@frontiernet.net
Edwin Holdsworth, N2EH.....624-1929
Robert A. Moore, N2USB.....663-5802
Internet: 75767,3151@compuserve.com
James P. Shipkowski, WB2WWV.....
Jack Tripp, N2SNL.....381-7757
Internet: jat@frontiernet.net

Club Historians: Bruce Kelley, W2ICE, Ed Gable, K2MP
Public Service Coordinator: Edwin Holdsworth, N2EH
License Testing Directors: George Platteter, AA2FO
Membership Chairman: Alex Piccirilli, NV2Y
Hamfest General Chairman: Harold Smith, K2HC
K2JD Engraving: Edwin Holdsworth, N2EH
Public Relations, Keith Freeberg, N2BEL

The RaRa RAG (USPS 605-440) is published monthly except July and August by the Rochester Amateur Radio Association, Inc., 24 Elaine Drive, Rochester, New York 14623. Subscription is \$5.00 per year (included in the \$10.00 annual membership dues). Periodicals postage paid in Rochester, NY.

POSTMASTER - Send address changes to The RaRa Rag, P.O. Box 93333, Rochester, New York 14692-8333. Full permission is granted for reprinting articles provided a credit line is given to the RaRa Rag. The Rag exchanges, with other organizations publications.

RAPS

By Jack Tripp, N2SNL

Rochester Amateur Packet Society (RAPS) is a local club that meets on the second Thursday of each month. Meetings are held in the main auditorium of the Social Services Building at 111 Westfall Rd. and start at 7:30 P.M. The mission of the RAPS club is to promote the use of Packet Radio and to help those who are just starting out in Packet Radio as well as those who have been in Packet for awhile. Dues are \$5.00 a year.

A project of the club was to build and sell an inexpensive modem board. These boards have all been tested and are still available with Baycom software and documentation for \$35.00, which includes a years membership in RAPS.

The club has also been active in a new program called APRS (Automatic Positioning Reporting System). We have built and installed a digipeater for APRS to give wider coverage for this program.

Packet is fun! If you like computers, packet is a natural for the VHF ham. New hams, Novice, Tech, Tech+, who have just gotten their license can get on 2 Meter packet. It's simple and relatively inexpensive (if you already have a computer). You don't need a high powered computer - just about any old clunker will do.

What can you do are packet? Well, there's a whole world of neat things to do. You can simply connect to someone and carry on a conversation. You're not limited to stations that you can contact directly, either. You can connect to anyone in the USA or in the world for that matter.

If you have any interest at all in packet, come on out to our first meeting on September 11th. Hope to see you there. Visit the RAPS Web site at 'www.ggw.org/raps'

The Prez Says...

Well, summer is now over and it's time for a new season of Amateur activity. I hope that everyone had an enjoyable and safe summer. It has been a very eventful one for me, as I have recently moved into my new home. I am still unpacking. I will soon be "radio active" again as soon as I get some antlers up for HF operation, not to mention ATV.

The RaRa picnic in June was a great time. There was the usual water gun war and I managed to somehow get into the line of fire, more than once. All in all, it was a great day and a very good time. Thanks to all who attended and a special thank you to Neal Eckhardt and company for another job well done.

As we move into the upcoming season, there are many new faces on our Board of Directors and a couple of new Officers. I am confident that our club will grow and that we will all work together to keep our club strong and productive. We are offering classes again as we always do each year for new licenses as well as upgrades and I hope to see the number of registered students increase. I encourage members and non-members alike, to consider that upgrade or new license, to make that commitment to yourselves and consider signing up for whatever class license you're after. Registration for classes will be held on September 15th. at 111 Westfall Rd. at 7:30 PM. I hope to see some of you there.

There are also going to be many interesting presentations this year at our regular meetings. Our new Vice President, Rick Wells W2RW, has a really good outline of guest speakers lined up as well as a few he is currently working on. I am sure that they will all be great ones, so don't miss em! Then afterwards, we can all enjoy some refreshments by our new Refreshments Chairman, Mark Dunn N2YNA. Thanks for your help and support Mark. It is much appreciated.

Our first meeting of the new year is September 5th. at the Fire Hall at Lehigh and East Henrietta Rd. I hope to see a record turn-out and I invite you all to come and participate. We have much to offer each other and always remember that any club is only as good as the help and participation of it's members. For those who are renewals and those who new to the hobby, come and join us. There will be many great programs to enjoy as well as the social contact with all our fellow radio amateurs. See you at the September meeting.

73 - George F. Lloyd, N2UIO President, RaRa.

September Calendar

- 5 - RaRa Meeting - 8:00PM - Henrietta Fire Hall, 3129 East Henrietta Road
 - 12- Rochester VHF Group – 111 Westfall Road
 - 16- RDXA Testing & Meeting – 111 Westfall Rd., 5:50 PM Testing; 7:30 PM Meeting
 - 23- ATV Group – 111 Westfall Road
-

Rochester VHF Group

By Ev Tupis (K2IV), Chairman

Was it that long ago when wavelengths shorter than 200 meters were considered "experimental territory"? Someone then got the bright idea to push the limits and the marker moved to 20 meters. The ability to communicate around the world during the daylight was the fruit of their spirit. Pioneers then took the challenge of populating the uninhabited territory all the way to 2- meters. They found whole new ways of communicating. The summer months, sporadically, provided communications from coast-to-coast and to Europe, Africa and South America. What seemed to be unrelated bursts of signals were eventually correlated to ionized trails left behind by "shooting stars". The dreaded Aurora Borealis (Northern Lights) that was blamed for draining the ether dry of 20-meter signals was found to eerily reflect 30-, 50-, and 144-MHz signals with a raspy quality, up to 1400 miles away, provided everyone pointed their antennas north.

The game was afoot: what new modes of communication would we discover as we pushed higher and higher in frequency? In 1997, having entered it's 49th year of existence, The Rochester VHF Group (The Groupers), boasts members who are pushing the technical envelope in their exploration of the frequencies above 50-MHz. The stuff of 1950's, '60's and '70 science fiction is reality, right here in Rochester, NY.

Who, in the 1950's would have guessed that a common citizen would be able to speak with others a half-a-world away, through a man-made "repeater" in orbit, 120 miles above the earth? During the race-for-the-moon of the 1960's, who could have dreamed that hobby operators would be beaming signals at the moon and hearing their own echos two-and-two-thirds seconds later (using power levels less than a hair dryer)?

Many thought that 432-MHz and 1296-MHz were nosebleed territory, yet we now have several members who have spanned several hundreds of kilometers on frequencies that are suffixed in GHz (gigahertz) rather than MHz (megahertz). Frequencies such as 10-GHz and 24-GHz having

been tamed, are now giving way to Groupers assembling equipment capable of generating usable power at 47-GHz and 76-GHz. Last year, VHF Groupers demonstrated how easy it was to assemble a full-duplex LASER transceiver using off-the-shelf parts.

For those who are not faint-of-heart, the VHF Groupers continue to join others in the Rochester area in their yearly assault of the VHF-and-above frequencies, in the form of Radiosporting. Although several radiosports are held throughout the year, the mother-of-them-all is the January VHF Sweepstakes; a weekend of intense competition and camaraderie that culminates in a springtime celebration called The Awards Banquet.

Has your interest been piqued? Come join us at the club-year kickoff. You'll find us on the second Friday of September at the Monroe County Social Services building, 111 Westfall Rd. This first meeting is an informal one. We use it to reintroduce ourselves, brag about our summertime successes and provide a framework for the anticipated activities for the upcoming year. All our plans are in place, all that is missing is you.

BUFFALO HAMFEST

Saturday, September 20, 1997

WANTED: Serious radio historian looking for earlier tube type communications equipment and accessories. Single pieces to estates. Call Ed Gable, K2MP, at 392-3088 or e-mail to k2mp@eznet.net

TUESDAY BULLETINS NOW ON XARC REPEATERS

Two Rochester area bulletin stations have moved their transmissions to the linked repeaters of the Xerox Amateur Radio Club. The Tuesday programs of WA2MYG and K2KWK still begin at 8pm.

The change in repeaters by the bulletin stations was necessitated by K2KWK needing to access a Rochester repeater from Sodus, NY. Formerly their programs were transmitted to the NU2U repeater on 224.46 and the WA2JRR (Attica! on 145.31MHz. The NU2U repeater is totally wind powered on its very high location on Quail Hill near Honeoye and is now operated by Doug, NR2M, after the untimely passing of NU2U. Testing by K2KWK showed that he could not reach the Attica repeater at all and his signal to Quail Hill was very noisy. The site of the XARC repeaters is on the top of the Xerox Square Building in downtown Rochester, the highest spot in Monroe County.

Ray Pickens, WA2MYG, provides the recording of the Amateur Radio Newline program. K2KWK provides hamfest and exam dates in Western New York as well as ARRL Bulletins and articles from the ARRL Letter, etc. Bulletins on Tuesday are now relayed to the WA2JRR repeater by Reed Gleichman, N2KZF. Bulletins are relayed to the WB2HYP repeaters on 444.55 and 29.62 mHz by Mike Rink, WB2HYP.

Bulletins of the ARRL also appear on Sundays beginning at 8: 20pm until 9:00pm, followed by the Monroe County FM Net. The repeaters for these features alternate each week - using 146.88 one week and then 146.79 the following Sunday.

Information for the HillTop Bulletins of K2KWK can be sent either of three ways. Packet radio messages go to <k2kwk @ wb2wxq>. E-mail goes to <k2kwk@juno.com>. And the callbook address for K2KWK is still valid for the present.

Both Ray and Dwight expressed their deep appreciation for their long use of the NU2U repeater and even longer use of the WA2JRR machine.

Next Rag Deadline

September 12, 1997

M. ORNSTEIN
WB2YYB
CONTRACTING
(716) 334-3258

Roofing

Gutter Cleaning

Residential & Commercial	Free Estimates
Attic Ventilation	Seamless Gutters

RARa

AMATEUR RADIO EXAMS

'97 .. '98 SEASON BEGINS

SAT. SEPTEMBER 27

**NOVICE - TECH - TECH PLUS - GENERAL
ADVANCED - EXTRA**

or

*Whatever Element needed to
Complete a License Class*

REGISTRATION: 8:30 AM TESTING: 9:00 AM .. til

**SOCIAL SERVICES BUILDING
111 WESTFALL ROAD
ROCHESTER, NY**

INQUIRES -- (716) 334-4488

Future Exam Sessions...

**1997: Sept 27
Oct 18
Nov 15
Dec 20**

**1998: Jan 17
Feb 21
Mar 21
Apr 18
May - Hamfest**

ATV Meetings to Resume in September

Now that summer is over, things are beginning to "heat up again" with the ATV meetings in the club station at 111 Westfall Road. We hold the meetings every fourth Thursday of each month, starting at 7:30 pm. This is an excellent opportunity to get familiar with ATV in our area. We are very fortunate to have one of the few ATV repeaters in Western New York, right here in the greater Rochester area.

Our meetings are quite informal and I encourage you to stop by sometime and "see" what it's all about. We discuss everything from antennas to cameras. There is also simplex activity that we do as well as our ATV repeater. If Amateur Television interests you at all, please visit us and join in the fun. I hope to "see" you there!

73's George F. Lloyd, N2UIO

SNYDER AND SNYDER Attorneys at Law

**Accidental Injuries
Wills & Estates
Social Security Disability
Real Estate
Divorce
Adoptions
Stock Broker Liability
Securities Arbitration**

Discount for Licensed Amateurs

***Paul I. Snyder
Jeanette F. Snyder
Sherwood M. Snyder, W2KFU***

(716) 546-7258

**183 E. Main St.
Suite 1024
Rochester, NY 14604-1681**

RaRa Years Ago

By Ed Gable K2MP

20 Years Ago, September 1977: Starting off the year were the just elected RaRa officials with Ed Gable, K2MP, President, Len Gessin, WA2ZNC, VP, Otto Bluntzer, WB2RJB, Secretary, and Ron Jakubowski, K2RJ, as Treasurer. Annual dues were six dollars. Len Gessin, as VP, also chaired the program committee and for September had Dick Holbert, WA2OXJ, Engineer-in-Charge of the Canandaigua FCC Monitoring Station, to speak on his facility. Floyd Koontz, WA2WVL, in writing for the VHF Group, invited everyone to see the W2CNS/3 VHF Dxpedition Slide Show showing their successful Delaware trip. Ron, K2RJ, compiled a list of area Repeaters that showed five 2-meter machines in Rochester. Transmitter hunts were a common summer time activity with Will Herzog, K2LB, finding Ed, K2MP and Ron, K2RJ, hiding on the seventh floor of the Sibley Ramp Garage. Hamtronics of Greece continued their advertisement blitz with two full pages of product information. Public service activities were running high also with 20 RaRa members going to Wellsboro, PA, for the STPR and 12 going out for the Mendon Pony Club. A new advertiser was Metro-Comm of Stonewood Avenue.

40 Years Ago, September 1957: Your Old Time Editor regrets that he will no longer be able to report on past activities going back 40 years. The collection of RaRa Rags used for this purpose was professionally bound into hard covers by RaRa's dear old frind, Linc Cundall, W2QY/W2LC. When Linc turned those over to me he had lent out volume 10 and 11, covering 1957 to 1959. That book was never returned. If anyone has those issues (or the book !!) please contact me. Ed Gable, K2MP, 392-3088.

BRIEFS

from the ARRL Letter.

•The Solomon Islands has released a set of four postage stamps commemorating Marconi--100 Years of Radio Communication. The \$1.05 stamp shows Marconi demonstrating his invention, c. 1896. A \$1.20 stamp depicts a typical maritime installation of the Marconi International Marine Communication Company, c. 1900. A \$1.35 stamp depicts the first aeronautical radio systems supplied by Marconi to commercial aircraft. A \$1.45 stamp shows Marconi in Japan during his 1933-34 world tour. The four stamps are available on a color first-day cover from Peter Taylor, G8BCG, for \$6 (checks accepted). Write him at 6 Bray Ct, Plantation Rd, Amersham HP6 6JB, UK.

The YL corner, QRY, I AM READY, ARE YOU ??

My name is Lia, my call WA2NFY, I'd like to help you to get ready, to go on the air to meet many YLs all over the world. I try to bring more YLs to Our YOUNG LADIES RADIO LEAGUE and SAYLARC, THE SECOND AREA YOUNG LADIES RADIO CLUB, to show you the many YLs who are active like myself in the many ways HAM RADIO has to offer.

We have conventions every 3-4 years and meeting for the 2 area YLs in spring and fall. We have a program to adopt a DXYL and this started friendships worldwide and if you write and are lucky you can meet some times too.

One of Our Presidents, Christine WB2YBA said, each YL should bring a YL to the club, so we can grow and expand what one of our founders, Ethel Smith, K4LMB, now a Sk started. The YL HOWDY DAY contest September 18, 1997 is a good way to get your feet wet and to meet other YLs. Call me for info about it and other questions you have, TEL: 254-3610.

Try to upgrade to enjoy more privileges .I hope to meet you soon,

73 de Lia, WA2NFY

KB5UAC EXPECTS NEW CREWMATES TO BE ACTIVE ON HAM RADIO

US astronaut Mike Foale, KB5UAC, continues to be sporadically active on Amateur Radio from the Russian Mir space station. Foale has been using 145.985 MHz while over the US, and the 145.200/800 MHz split pair elsewhere.

In a recent packet bulletin, Foale also said he expects his new Mir 24 crewmates, Anatoli Solovov and Pavel "Pasha" Vinogradov, to be active on the radio "once they are settled in."

The new crew members arrived August 7 aboard the ailing Mir to replace the Mir 23 contingent of Vasily Tsibliev and Alexander Lazutkin, who returned to Earth August 14. Foale will remain aboard Mir until September. "We are conducting hand over activities now," Foale related in his message. He said the team will prepare for a so-called "internal space walk" on August 20 to relocate power cables from the damaged Spektr module to Mir's Core module. A decision on whether Foale would get a chance to participate in a

later space walk in September was pending this week. The Mir crew has been attempting to clear up vexing problems with its onboard oxygen-generation system.

"Lots to do here," Foale said in his hurried posting. "I try to monitor each day." Foale has been experiencing problems with his TNC, which has been losing messages. A new TNC was to have been delivered along with the Mir 24 crew members, but that did not happen.

NASA, meanwhile, reports that Foale's scheduled replacement, astronaut Dave Wolf, KC5VFP, is undergoing intensive training in Russia in preparation for swapping places with Foale in late September.--AMSAT News Service; NASA

CW RETURNS TO MARS NETS

CW, which was officially banned last fall from the Military Affiliate Radio System, or MARS, has now been allowed back, at least on a limited basis. "It's a good thing, I think," allowed Lt Barbara Carter, acting chief of Navy-Marine Corps MARS, who said she's been fighting on behalf of CW enthusiasts protesting the order to cease CW activity as of October 1, 1996. Permission to resume the use of CW on Department of Defense MARS frequencies for everything but formal MARS message traffic was handed down at a joint service conference in early July. "They met us halfway," she said of the decision.

A message to all Navy and Marine Corps MARS members in July said that the Department of Defense "has no objections for CW use on MARS frequencies but only for unofficial use and practice. No emergency/official messages are authorized in CW." Carter confirmed her interpretation that MARS members may use CW for code practice and informal communication "or just because they really enjoy using it."

Bob Stakel, KD1KV/NNN0TDU, of Falmouth, Maine--the assistant Region 1 MARS director--said CW was being used on no fewer than one net a month in Northern New England. "We lost people" because of the CW prohibition, Stakel said. Now that limited use of CW has been reinstated, "we are using it," he said.

In MARS Region 3, Navy MARS member Frank Thrash, W4DLZ, of Metairie, Louisiana, had high praise for Carter's efforts on behalf of CW. "This woman really stuck her neck out," he said. "Our nets are working pretty much as before [the ban]."

Carter, who's not a ham but is interested in becoming licensed, confirmed that some MARS

members quit when CW was prohibited. She said that when she took over as Navy-Marine MARS chief, the return of CW was among the first things she heard about. "All they were asking was for a small bit that most of them learned while serving [in the military]," she said.

Thrash is among those who believe CW is far from obsolete. "It's the ultimate weak-signal mode," he said. *Tnx ARRL Letter*

SURVEYS SHOW TECHNICIAN LICENSE MOST POPULAR

A survey of ARRL Volunteer Instructors shows that most teach between one and two classes a year and the vast majority of students obtain their Technician tickets. The survey revealed that classes average eight students. Graduates are 5% Novice, 88% Technician, 5% General, 1% Advanced, and 1% Extra.

Approximately 11% of the more than 2000 Volunteer Instructors responded to the survey. Of that group, 90% reported they use Now You're Talking in their classes. The instructors said that 80% of their students join the ARRL.

In another survey, ARRL-Registered School Teachers reported that their students' favorite ham radio activities, by far, were HF DXing, taking part in licensing classes, radio club activities and VHF/UHF operating. The 108 teachers who returned their surveys (approximately 11% of the total) say they introduced nearly 8800 students to ham radio. The teachers said that about 60% of their licensing classes prepared youngsters for the Technician license and 40% for the Novice ticket. Most teachers said they use ARRL study materials.

Volunteer Instructors and ARRL-Registered School Teachers were polled last spring. The ARRL Educational Activities Department recently compiled the results of the two surveys.--Rosalie White, WA1STO *via The ARRL Letter*

ELECTRONIC VANITY APPLICATIONS FLOOD GATE 3

Gate 3 vanity filers flooded the FCC with nearly 1200 electronic and only around 300 paper applications Wednesday. The disparity was in apparent reaction to the FCC's announcement last month that it would give priority in processing to electronically filed vanity applications. But the actual number of electronic filers could be far less

than the 1182 the FCC received on August 6. FCC officials in Gettysburg, Pennsylvania, believe that many hams filed more than one electronic application, possibly as a result of a glitch in the electronic filing system. Several callers to the ARRL reported that the on-line filing system seemed to crash at the end of the electronic Form 610V. This apparently prompted many applicants to start all over again.

Whatever the final tally, the number of first-day Gate 3 applications was far fewer than the more than 3600 that showed up on the opening day of Gate 2.

The FCC will not begin to process the applications until the 10-day deadline to receive the \$30 application fee has passed. Only applications for which a fee has been paid will be processed.

To clear the decks in anticipation of processing the Gate 3 applications, FCC personnel in Gettysburg have been making nearly daily runs of vanity applications that arrived prior to the opening of Gate 3 on August 6. As of today (August 8), the FCC had processed vanity applications received through July 11.

The FCC is not expected to begin processing the Gate 3 applications until mid-month at the earliest.

The vanity application fee increases to \$50 on September 15. The FCC has not announced when it plans to open Gate 4.

For Sale: All items working and in excellent condition....Kenwood TS-930S with CW filter and MC-50 Mic. \$900.00' Kenwood TS-430S with CW filter and Power Supply. \$590.00' Drake L-75 1 kW Amplifier (One 3-500Z). \$550.00, Kenwood TS-700A Multi-Mode 2 meter Transceiver. \$350.00, KLM 10-70BL 2 meter PA. 10 in/70watts out. Linear. \$70.00, Curtis EK430 Keyer. Iambic, no memory. \$35.00 Bencher Paddle, black. \$35.00, JPS DSP Unit model NRF7. \$45.00, Bird wattmeter, model 43, five slugs, HF and VHF. \$275.00, Diawa CN52 cross needle SWR/wattmeter, 200-2000w, HF. \$40.00, Nye Viking 3 kW Antenna Tuner, 160-10 meters, model MB1V. \$350.00, Heath IT-21 tube tester. \$20.00 GR Variac, 230v, 10A. \$20.00, Tower package #1: 4 element triband, Ham IV rotor, 40 ft crank up/foldover. \$200.00, Tower package #2: 40 foot Alumina crank up, light duty, 5 element 2 mtr yagi, small, rotor. \$100.00, Towers are priced with buyer taking down. RDXA will help. Located in Webster. Radio equipment is all working and with manuals. Prices slightly negotiable. Contact Ed Gable, K2MP, at 392-3088 k2mp@eznet.net

Patrick C. Moyer, N2AIW
Attorney & Counselor-at-Law

General Legal Services
ARRL Volunteer Counsel Participant
AOPA Legal Plan
Masters Degree in City Planning

Day and Evening Hours
(716) 427-9907

2128 W. Jefferson Rd. • Pittsford, NY 14534

Advertisement

FOR SALE- Complete HF station: Kenwood TS440S transceiver, Kenwood PS50 power supply, Kenwood TL922A Linear amplifier, MFJ 989C antenna tuner, Kenwood MC60 desk mike and band mike, Cushcraft R7000 vertical antenna. All in excellent condition, manuals for all. Asking \$ 2000. will consider sale of separate items. Call Jack, KJ2P at 716-342-3476, or Marty at 716-381-5297.

RaRa Hotline

(716) 442-0587

24 hours a day

GLENWOOD

594 HAGUE STREET
ROCHESTER, NY 14606

HOURS:

M-F 9:00 AM - 5:00 PM

SAT 9:00 AM - 12:30 PM

PH: (716) 328-1600

FAX: (716) 328-3630

WE STOCK THE FOLLOWING:

AC CORDS
CAPACITORS
COAX CABLE
CONNECTORS
DIODES
ENCLOSURES
FANS
FUSES
FUSEHOLDERS

IC'S
LAMPS
LED'S
MOTORS
POTENTIOMETERS
RELAYS
RESISTORS
SCR'S
SHRINK TUBE

SOLDER
SWITCHES
TRANSISTORS
TRIACS
TRIMPOTS
VARIABLE CAPS
WIRE/CABLE
ZENER DIODES
LOTS MORE

TRY GLENWOOD FOR ALL YOUR COMPONENT REQUIREMENTS

FULL LINE DISTRIBUTORS FOR

NTE

PRB

GC/THORSEN

SL WABER

WAHL

Replacement Semi's
VCR Belts & Accy
Tools & Chemicals
Outlet Strips +
Soldering/Drilling
Tools & Accy

TYTON

PROTEK

MUELLER

GOLDSTAR

PALADIN

Cable Ties
Test Gear
Test Leads
Test Gear
Tools