



the RARA RAG

Published by

ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL.54

JANUARY 2002

NO. 5

"Contest Roving And Rochester NY"

Marykay Vesco, KC2DPG

Are you interested in participating in a VHF contest? Do you know what the Rochester Cup is? Have you enjoyed contests in the past? Well get ready for Jim Howard, N2JMH as he will be presenting a wonderful program about roving and VHF contesting at the January meeting. He will include the January VHF contest and the Rochester Cup that is sponsored by the RVHFG. So come to our first meeting of 2002 on January 4th at 8:00 PM. This year, our meeting will be held at the Henrietta Fire Hall at 3129 E Henrietta Rd. Get out, see the snow and socialize with some very friendly ham radio operators. Don't forget to bring a unique and prized QSL Card you have received to this meeting.

In addition to our scheduled program, and before Jim Howard gives us his presentation, we will give Mr. Harold Smith, K2HC the floor for a few minutes. He will introduce this years Rochester Hamfest for you along with his new title and what it stands for. He will present an opportunity for our club members to participate in helping to fill all the tables for our Hamfest this year so as to make it the greatest ever.

RARA Meeting

January 4, 2002

8:00 PM

Henrietta Fire Hall,
3129 E. Henrietta Rd.

CONTEST ROVING

Presented by Jim Howard, N2JMH

Rochester Cup Competition

Jim Howard, N2JMH

Once again the time of year for the January VHF Sweepstakes is approaching. I hope to encourage all the members of RARA to participate in this event. There are a few matters of pride that need to be contended with here and I will explain what they are.

Last year the RDXA barely edged out RARA for the claim to the Rochester Cup and this makes 2 years in a row that they have won. One more win and they retire the cup to their trophy case permanently. I know that RARA has the members and ability to give any club a run for the bragging rights. Avid contester or not this is a perfect opportunity to get out your gear and make some QSO's.

As some may know Rochester NY has a very high per capita ham population. The RVHFG has always been competitive in the ARRL club competition for the January VHF Sweepstakes with numerous 1st place finishes throughout the previous years even without the advantage of being near so many major population centers. The last few years have had us not quite able to crack the top spot though. What we need from you is your participation. We want to put Rochester NY back in the top spot once again but might not be able to without your help!

Log submission and scoring has been simplified starting last year for the Rochester Cup. No more going through your log to find RVHFG members. Your score towards the Cup is your aggregate score, the end. Club with the highest score wins. All you have to do is submit a duplicate copy of your log to the RVHFG with the original going to the ARRL. There are various logging programs out there and you can also, still use a paper log with

(Continued on page 3)

the RARA RAG

PUBLISHED BY

ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

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

RARA Hotline: 442-0587 Website: www.ggw.org/rara/

Editor.....Lloyd R. Caves, WB2EFU
652 Beverly Drive, Webster, NY 14580-2305 (585) 671-7079
Internet: wb2efu@frontiernet.net

Assistant Editor.....George Platteter, AA2FO
82 Colonnade Drive, Rochester, NY 14623 (585) 334-4488
Internet: aa2fo@rpa.net

VOL. 54 JANUARY 2002 NO. 5

OFFICERS:

President: Peter Fournia, W2SKY.....377-0535
Internet: w2sky@arrl.net
Vice-President: Marykay Vesco, KC2DPG381-7773
Internet: kc2dpg@aol.com
Secretary: Bill Kasperkoski, WB2SXY.....334-7640
Internet: wb2sxy@arrl.net
Treasurer: Richard Goslee K2VCZ.....334-1762
Internet: rgoslee@rochester.rr.com

BOARD OF DIRECTORS:

Keith Freeberg, N2BEL.....458-8246
Internet: kff@frontiernet.net
Roger Harnaart, WB2BWQ.....292-6665
Internet: rharnaart@yahoo.com
Edwin Holdsworth, N2EH.....624-1929
Internet: n2eh@frontiernet.net
Bill Hopkins, AA2YV.....586-5009
Internet: w1hopkin@naz.edu
George Masny, KA2GPJ.....377-7853
Internet: ka2gpj@arrl.net
John Rogers, W2JTR.....352-3523
Internet: jtrogers@easynet.net
Jack Tripp, W2JAT.....381-7757
Internet: w2jat@arrl.net

Club Historian: Ed Gable, K2MP
License Testing Director: George Platteter, AA2FO
Membership Chairman: Keith Bozek, N3HGN
Hamfest General Chairman: Harold Smith, K2HC
Public Relations: Keith Freeberg, N2BEL
License Class Director: Norm Turner, WB2LBQ
Web Page Administrator: Peter Fournia, W2SKY
Club Station Trustee: Edwin Holdsworth, N2EH

The RARA RAG (USPS 605-440) is published monthly except July and August by the Rochester Amateur Radio Association, Inc., 24 Elaine Drive Rochester, NY 14623. Subscription is \$5.00 per year (included in the annual membership dues and may not be purchased separately). 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.

RARA Life Membership is available for twenty times the annual dues.

RARA RAG 2

The Prez Says

Peter Fournia, W2SKY

Wow, I survived 6 months! Only 6 more to go as president. You can see that this job is starting to get to me. But, I have a technique to keep my sanity. It's called ham radio. You see my combined B'day and Christmas present was delivered in November. It came in the form of Kenwood's high end TS-2000 transceiver. Been digi repeating packets via the ISS. There is a lot more to tell but that's another article.

Lots have happened this month. You may have heard about the Marconi reenactment on December 12th. The JOTA crew pulled this off at the Rochester Coast Guard Station. It was put together at a late moment but turned out to be very successful and a lot fun. We had intermittent but very positive TV coverage for about 1 1/2 hours on WROC channel 8; we contacted the intended Marconi special event stations and we enjoyed flying kites on the pier, all before 11:00 AM. Thanks to John Gilly (W3OAB), Bill Kasperkoski (WB2SXY), and John VanGriethuysen (N2BNE) for their leadership and for the additional half dozen of us who also participated.

The Radio Coaches completed their 6th program and received very positive feedback from the students and staff at Thomas Jefferson Middle School. A follow up element has been added to the program in hopes to channel interested students into the amateur radio display at RMSC, to lesson classes and to visit a ham radio station. Anyone want to demo their station to an inquisitive young person and their parent? Message us from the radio coach part of the RARA web site. Also, check out pictures of the classes and field trips at RIT and Harris RF Communication. An outline of the 10-week program with lesson plans is also accessible.

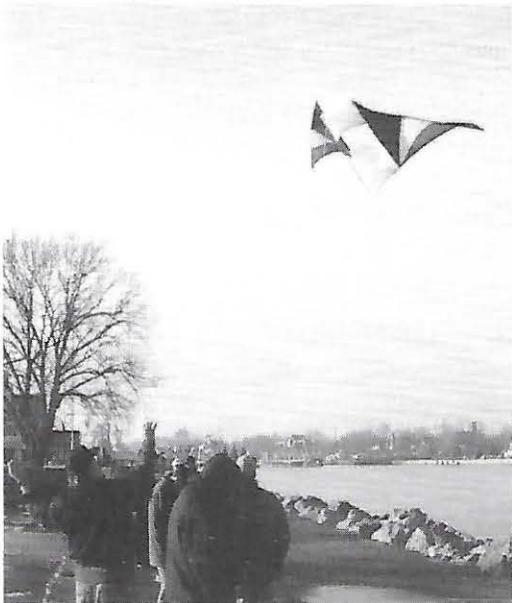
RARA and RDXA are teaming up again at the Rochester Museum and Science Center with a full DX station and hands-on displays. This has become an enjoyable tradition for many of us. Join us for an hour or two to share our hobby and stimulate many young and refreshing minds. The display runs Dec. 27th, 28th, and 29th. Links are in the Current Events

(Continued on page 9)

Special Event: Happy Marconi Day Not Enough Wind, Plenty Of Excitement For K2JD Operators

Bill Kasperkoski, WB2SXY

What's the common thread here: nine adult men, five AM, flying kites in December in Rochester, at the lake, on the Coast Guard Pier, making beeping and squawking noises, wearing name-tags with letters that don't spell words?



Time to send in people with the big nets, right? Possible, but also send in the radio and TV station crews for Rochester's version of the Marconi Day Special Event.

The words that jumped into John Gilly's (W3OAB) head, as soon as he learned of the 100th Anniversary of Marconi's first Trans-Atlantic transmission, were "Re-Enactment", "Kites" and "Coast Guard Station." The words that jumped from WROC-TV channel 8 'Sunrise' program hosted by Melissa Long and Jerry Fiore were "Great...Marconi's Transmission 100th Anniversary sounds interesting...we know you're morning people...we'll have cameraman Ryan there at 5 AM to cover the event." The words that jumped into the author's head were "Freezing and dark", "3:45 AM wakeup" and "We're crazy!"

John Gilly told the live morning TV audience of his ideas with the kites and wire antennas, Ed Gable (K2MP) the RARA Historian, supplied info on Marconi and his achievements, and Bill Kasperkoski (WB2SXY) discussed Morse code transmissions and some of the planned activities.

WXXI Radio's Bud Lowell recorded the operators on duty, some great CW QSOs, and even pitched in on the Coast Guard Pier to help the team fly the kites. "Can we put the kites in series to double the lifting power?" someone asked.

Even though nature did not supply enough wind to lift the wire antennas, Mike Rundle's (N1OKL) portable vertical allowed 15 CW and 2 SSB contacts in 10 countries during the three hour Special Event. Bill "Iron Man" Hopkins (AA2YV) worked the bulk of the CW contacts on Peter Fournia's (W2SKY) IC-751 and tuner.

The fervor of getting the kites in the air even drew the other operators John Van Griethuysen (N2BNE), Mike Bowen (KC2BTW) and Paul Meyers (N2OPW, who also supplied the pre-dawn generator) away from the station.

A Special Thanks goes out to everyone who contributed, supported and encouraged this special event: Chief Mosgrober and the Officers and Men of the Rochester Coast Guard Station, Bill Bach (WB8JPX) USCG Aux Radio Net of the N2HJD Repeater System, and John May (KC2DVX) for the reserve "20M Shorty" antenna and test equipment.

Rochester Cup Competition *(Continued from page 1)*

forms being available at the ARRL web site. For the Rochester Cup you can electronically submit them to January2002@vhfgroup.rochesterny.org or you can mail them to RVHFG, PO Box 92122, Rochester NY 14692. Any format will be accepted by the RVHFG as long as it is legible and clearly marked with which club you wish the points to be credited to. The ARRL requires the Cabrillo format electronically or your hand written log.

If anyone has questions or needs help with anything please feel free to contact me at n2jmh@arrl.net or by phone in the evening at (585) 637-4554.

RARA License Classes

Norm Turner, WB2LQB

The first semester of the RARA License Classes ended on Monday, December 12, 2001 with a successful VE testing session. Please welcome the following to the amateur radio community: Homer Weissend, Technician Class with code and Cheryl Joyce, KC2IPT, Technician Class.

The following amateurs have successfully upgraded their licenses: Jack Tripp, W2JAT, Amateur Extra; Patrick Piscini, KD2WL, Amateur Extra; Richard Andrews, N2GDR, Amateur Extra; and Robert Horner, KB2YEM, Technician Class upgraded with 5 WPM code.

Thanks go out to the instructors Carl Preddy, KU2N; Bill Kasperkoski, WB2SXY; Lynn Rosenberg, N2IZX; and Allen Skiles, N2VY without whom this would have been impossible. They are a very dedicated group and deserve great recognition for their efforts.

Thanks go out to the Volunteer Examiners led by George Platteter, AA2FO and joined by Alex Picirilli, NV2Y; Warren Boudrie, AA2LQ; Marykay Vesco, KC2DPG; and Bob Moore, N2USB who gave of their time last Monday to administer the exams. Your service is much appreciated.

Registration for the Spring Code and Theory Classes is in Training Room, #1032, at the Monroe County Social Services Building at 111 Westfall Road. It is on Monday, Feb. 11, 2002 at 7 PM to 9 PM. Classes will start immediately following registration. Classes are on Monday evenings and run to May 13, 2002. A special test is scheduled at the conclusion of classes.

The cost for this 13-week program, including registration, text, materials, and RARA membership is \$28.00 for Novice and Technician. All other classes will be \$26. RARA members should ask for credit of \$6.00 if you are not currently licensed, or \$10.00 if you are licensed. RARA dues for the current year expire October 31, 2002. Further information can be received from Norm Turner, WB2LQB at (585) 254-0137.

SPRING SESSION AS FOLLOW:

Basic Morse Code from 7:00 to 7:50 PM
Lynn Rosenberg, N2IZX
Extra Theory from 7:00 to 7:50 PM
Carl Preddy, KU2N

RARA RAG 4

Introduction To VHF

Don Dunn, AB2NM

I had upgraded to Technician a few months before, and purchased a used Kenwood dual-band mobile at the Hamfest. After installing the radio in my pickup, I was sitting in the driveway on a cool summer's evening, and there must have been some ducting over the lake. I struck up a conversation with someone either on the Fulton repeater, or on the Watertown machine (I think it was Watertown). Pretty soon, a VE from Belleville joined us. Then, someone from Buffalo/Niagara Falls area. Then, a ham flying an airplane over Toronto (private pilot), and a ham near Syracuse. Five of us had a round-table, all 'round Lake Ontario! That was my introduction to VHF.

I'm certain this story won't hold a candle to some that others have, but it sure was fun! (*Ed-Lets hear some of those other stories*)

NEXT RAG DEADLINE JANUARY 11, 2002



40 Grove Street
Pittsford, New York 14534-1317

Bus: (716) 389-1028
Fax: (716) 442-3905

E-mail: toni@toniconnors.com
E-mail: paul@paulmackanos.com

Each Office Independently Owned and Operated.



50 Years
Combined
Experience

PAUL MACKANOS
Sales Agent
K2DB



TONI CONNORS
Associate Broker



Technician Theory from 8:00 to 9:00 PM

Allen Skiles, N2VY

General Theory from 8:00 to 9:00 PM

Bill Kasperkoski, WB2SXY

In addition, I will be sending promotional statements regarding these classes to WBGT channel 40, and R News for their community announcements in an attempt to increase the participation in our classes.

Everyone please have a very Happy New Year and see you all next semester.

Bring And Buy

A Great Concept

Harold Smith, K2HC, General Chairman
Rochester Hamfest

Bring and Buy. What do those words mean? The folks who operate the Orlando Hamcation know. Bring and Buy will be operating at their Hamfest on the weekend of February 8th, 9th, and 10th.

Have you ever wanted to sell one of your amateur radio treasures and thought the Hamfest would be the perfect place for that to happen. However, you did not want to be tied down all day at a flea market table trying to sell that treasure. Bring and Buy solves the problem.

Bring your special treasure to the Hamfest. Place it on the Bring and Buy table. A staffer at that table will attempt to sell your treasure while you enjoy the Hamfest. At the end of the day, return to the table and collect the proceeds of the sale. If your item did not sell you get to take the treasure home.

The Rochester Hamfest will feature this event in 2002. The details: A maximum of two items may be submitted for sale. We expect an overwhelming response to this service, so you must reserve space in advance for your item(s). You must establish a fixed price. Haggling will not be done on your behalf. 90% of the selling price will be yours to keep. The remaining 10% is retained by the organization for their work on your behalf.

Submit your request to sell an item via email to: bringbuy@rochesterhamfest.org. Include your name, call, address, phone number, email address, item description, and selling price. Only radio items will be permitted. Confirmation will be sent via email that you have space at the Bring and Buy tables. Space cannot be guaranteed if you do not reserve in advance. Please, no junkie or boat anchors.

Upon your arrival at the Hamfest, report to the Bring and Buy center. Complete a two-part ownership tag (one-part stays with the equipment and one for the seller to keep).

Bring and Buy will operate at the Rochester Hamfest Saturday, June 1st only.

SUPPORT OUR
ADVERTISERS

RARA RAG 20 Years Ago, January 1982

Ed Gable, K2MP

Hi Tech was the theme of this months meeting featuring Dick Kessler, K2SZE, speaking on the topic of Frequency Hopping, or Spread Spectrum as it is known officially. Dick has been working this mode on the ham bands, using temporary authority from the FCC, with Paul Rinaldo, K4RI. Although developed for the military as a method to prevent intercept, Dick Kessler will explain advantages for the Amateur community. It was sadly reported that RARA President Don Drennan, W2EBF, is unable to attend RARA functions due to health problems. Also reported were the passing of Hogi, K2RZI, and Joe Welch, K3CT. Joe was with the FCC and conducted Amateur Exams at the Rochester Hamfest pre-VE testing days. Ed Holdsworth, N2EH, reported that the K2JD move to 111 Westfall Road went well with the most difficult task being the ten runs of coaxial cable from the roof the basement. Historian Bruce Kelly, W2ICE, wrote an interesting article on the earliest known wireless experimenters in Rochester, John Albert of Clarrisa Street and Merritt Mosher of West Avenue. They regularly worked each other over an impressive distance of 1.5 miles using spark coils and Crystal receivers. The date was 1910, 2 years before Amateur licensing started. A new group of radio enthusiasts started the latest Rochester Radio Club, the *Longwave Experimenters of Western New York*, or LEWNY's. Started by Steve Sykes, KA2KGM and Tom Richmond, WA2IEY. Their realm of operating was world below 100 kHz. I guess the lack of activity was too much as Tom became a world-class VHF/UHF operator and Steve moved to Abu Dahbi and was never heard from again. The Saturday Evening Post featured a nice article of Ham Radio with the catchy title "*The Hams That Can't be Cured.*" From the want ads you could buy a Yaesu FT-101EE with all options from Warren Ulrich, N2AUV.

RARA HOTLINE
442-0587

RARA RAG 5

The QRP Was A QRP WAS

Bill Hopkins, AA2YV

It all started when I found the heathkit@qth.net bulletin board to ask questions about repairing old gear. I had already picked up Heathkit's HW7, that lil barndoor QRP (low power) transceiver, at the November 1997 RARA Auction. It set me back \$16. Wow, now I could make cw qso's on three bands and be entertained, to boot, by a couple of international broadcast stations. That'll keep you awake on the straight key at 1 AM. What was better: I could be heard round the world. (Could you believe I passed up the HW-9 with all the fixin's for about 160 green stamps at the auction)? Then along came that email bulletin board. There I found an HW8, with much better receiver selectivity than the HW7, for \$125 (ouch!).

Others were/are spending even more, though, on state-of-the-art qrp/cw-ssb kits. And then the single-bander kits from the New Jersey QRP (njqrp.org), the NORCAL Club (fix.net/~jparker/norcal.html), or Dave Benson's rigs (smallwonderlabs.com), that come in at the same price as my vintage HW8. But mine has four bands: 80, 40, 20, and 15. (I also found a load of other qrp stuff on line at: qrparki.org/links.html.)

OK, so I had this QRpipsqueak menagerie. What'll it get me in a DX pileup for Indonesia? Zilch, I discovered. I also learned that calling cq at 2 watts output on any frequency other than qrp frequencies (i.e., 7.040 for US; 7.030 for Europe; etc.) is usually a laugh, unless you're contesting, say, on 20 meters. In short, I needed a reasonable goal. What to do?

After picking up a few Midwest stations about mid-November, 1998 - they were calling cq and then listening real gud - I discovered I was unwittingly building a little "Worked All States" list. Well, why not? All I needed was those qsl cards. But I wasn't going to be a zealot here. My long-term goals are usually more satisfying anyway. So through the next few years, I began assembling a separate lil pile of cards. Midway into the collecting I discovered some hams were stingy with their time or empathy. So I began adding a copy of the RARA RAG or some other rather gripping item along with my *sase*. On three occasions I had to send my qsl card three times to get results. Two creative ops simply responded with hand-

written confirmations on the bottom of my officious "cover letter." Some hams are doggedly consistent, though, so I had to find new contacts for their states.

When I picked up my Small Wonders Lab 30 meter qrp kit, I decided I wouldn't go for the "WAS" certificate on just 40 meters. When I heard Hawaii on 20-meter sideband on my HW100, I really sold out, cranked back the power and logged a phone qso. Well, why not then use my qrp-psk 20-meter rig? So I did.

You may say, "Why try so hard? Making stateside qso's is easy." I agree. Using "smok-em out" power - 100 watts - as a fair weather contester, I clicked off 37 states this last month on 20 meters in the Sweepstakes in no more than 3 hours; and one of them was a "Pacific" from Hawaii. If I can do that on a leisurely afternoon and not be caught by the spouse without a leaf rake in my hand, well, that's just no challenge.

It has taken three years, to the month, to snag 'em all. I was out in Oregon a couple of times and got a state or two as a /7, but that wasn't cheating. I can hit anything on qrp with my dipoles: Mongolia, Midway Island, Japan. So, why have Mississippi and Alaska been so difficult? Well, not many hams hang out in Pascagoula, and the antenna gods haven't favored the 20-meter skip into Fairbanks. Then on November 29th, I heard Bill, KL7RE on a 20-meter sideband DX net. He was awfully fluttery and I walked away from the opportunity. An hour later I returned to surf the band, and there he was, all by himself, working everybody in the US and South America, at 20 over. First, I went outside and shifted my rotating dipole - with its Armstrong motor - to get maximum lobe effect on Alaska and Tanzania. Back in the shack I sneakily gave my call at a lull in the pile-up din, he returned, and then I cranked my power, waaay down, to get a 5-by-7 report. It's all over but the last qsl. (I know I gotta be patient; he has over 600 hits on his qrz.com listing.) When he replies with his card, I can fire off the bundle of fifty and the application to Ed Gable, K2MP, get my Basic Award WAS certificate, mixed bands/modes for QRP and frame it, all for only a \$5 fee (frame not included). So, Bill, where's my card?

NEXT RAG DEADLINE
JANUARY 11, 2002

RRRA

From The President Of Rochester Radio Repeater Association

Brad Allen, KB2CHY

I hope you all had the merriest of holidays and a very Happy New Year. Excitement is in the air for the Repeater group because of the new equipment that is on order and the massive upgrade to "88" that is in the planning and engineering stages. Bob Shewell, N2HJD is the technical advisor, Brad, KB2CHY and the rest of the board are the driving force behind the completion of the project.

I also have more great news for those folks to the north of the Ridge. A site has been secured midway between Ridge and the Lake and it will now be the north site. This came up fast and quite unexpected. The site location will remain anonymous at this time. Work and gathering of parts is in the works as I write this article.

This is an exciting time for RRRA and the board asks for all support from the amateur community by joining RRRA this year. Your financial donation of dues and to the Repeater Rebuild Fund will help with the financing of this and future projects.

If you might become a regular user of "88" in the next year, you may want to become a part of a series of meetings at which time user commands will be discussed and features of the new controllers will be explained. These meetings will be worked into our regular monthly meetings along with articles to be published on our website when that is resumed. Due to the reconstruction project it was important to give you some info here in the *RAG*. We will also be updating our user manual for members. There is a very rigorous schedule for completion of certain components of the system. Testing of each module will be completed as we move along.

The progress at Cobbs Hill is slow, but moving along. We also will have a high tech connection between the backup repeater at the Hill and the main system at the Social Service Building. This will prove technology is at work for Hams in our area. The holidays I am

(Continued on page 9)

Amateur Radio News Release

THE FOUNDATION FOR AMATEUR RADIO INC., a non-profit organization with headquarters in Washington D.C. plans to administer 62 scholarships for the academic year 2002-2003. The Foundation, composed of over 75 local area Amateur Radio Clubs, fully funds seven of these scholarships with the income from grants and its annual Hamfest. The remaining 55 are administered by the Foundation without cost to the various donors.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college or technical school. The awards range from \$500 to \$2500 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs. Clubs, especially those in Delaware, Florida, Maryland, Ohio, Pennsylvania, Texas, Virginia and Wisconsin are encouraged to announce these opportunities at their meetings, in their club newsletters, during training classes on their nets and on their world wide web pages.

Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 2002, from:

FAR Scholarships
Post Office Box 831
Riverdale, MD 20783

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

SILENT KEY

Charles M Brelsford

RAA Past President, 1955-56

August 23, 2001

Historical Bits

Ed Gable, K2MP

1925 - One in six homes now has a radio.

1948 - The transistor is invented at Bell Labs.

1977 - July 1st, any Extra Class licensee could select one 1x2 call sign. W2MPM becomes K2MP, WA2EKR becomes N2EH, WA2KND becomes K2HC, etc. Law repealed February 1978. Took until March of 1995 for the vanity program to start.

Happy New Year 2002

Lloyd R.Caves, WB2EFU

It is hoped that the past year has been a good one for everyone. However, we want next year to be even better for you. The entire staff of the *RARA RAG* and the *RARA* Officers, Board Members, and Committee Chairman want to wish everyone the very best for 2002. We hope that everyone has a great year and enjoys families, friends and radio interests.

There are numerous opportunities awaiting your involvement. Make one of your new years resolutions to get involved with others in our great hobby. This can be done in many ways, but one good way is to get more involved in your club's activities. Attending meetings, operating in Public Service, and joining in *RARA*'s social events are just a few.

**HAPPY NEW YEAR
TO ALL**

LIFE, ACCIDENT & HEALTH AGENT

MARYKAY VESCO KC2DPG

310 Commercial Street
East Rochester, NY 14445
716 381-7773 Fax/Phone

P&C BROKER NOTARY PUBLIC

Announcement

Marykay Vesco, KC2DPG

RARA's Officers and Board of Directors are planning the annual Picnic for next June. The date will be Saturday June 15, 2002 at Ellison Park, in the South Lodge. Mark this date on your calendar and plan on attending the greatest club picnic ever.

As the spring progress there will be more information available on the events to take place at the picnic. Of course these will be in addition to the great food and eyeball QSO's with your friends. Watch future issues of the *RARA RAG* for the latest updates. See you all there.

RARA Amateur Radio License Testing

All Elements Needed
To Complete a License Class

Saturday
January 19, 2002

Registration - 8:30 AM
Testing - 9:00.AM

Social Services Building
111 Westfall Rd., Rochester

Inquires (585) 334-4488
aa2fo@rpa.net



sure have a lot to do with the time factor.

I will explain the makings of our new construction for the repeater at the January meeting and each monthly meeting thereafter with no exception. Come to the Pittsford Town Hall at 8:00 PM on the third Friday of the month. January may also become the tune-up month that we were not able to have in November due to water problems at Bob's house. For those that show up at the meetings, a side discussion of the repeater will be held after the general meeting. We may have in store a couple of field trips for February and April. Keep an ear open for that if you are interested. Come join us in the excitement of "The '88' is back!!!" for the year 2002 and rest assures we are doing everything possible to purchase the very best equipment available. I trust that once this project is complete, we will in fact have one of the best sounding and most reliable state of the art repeaters in the area. The increased coverage will compliment the upgrade along with the state of the art design. Become a part, buy a block of the "88" repeater!!!

Thank you—Brad, KB2CHY.

**SUPPORT OUR
ADVERTISERS**

**HAPPY NEW
YEAR
TO ALL**

FOR SALE: Classic Receiver, Hammarlund SP-600-JX17, Very good working condition and with after market (no holes) digital read-out. With cabinet. Good to very good cosmetics. Can be seen in Batavia. Owner moving, quick sell at \$295. Contact Ed Gable, K2MP, 392-3088 or k2mp@arrl.net.

section of the RARA web site.

The Norm Turner, WB2LBQ and his team completed another 13 weeks of amateur radio classes. They are planning the next to start February 11th. This brings new hams and upgrades directly into our rewarding hobby. Thanks guys.

The December meeting at Kodak was great. Good topic, speaker, turnout, facility and food. I have received very favorable comments. We are looking to another enjoyable meeting on January 4th at the Henrietta Fire Hall. Happy New Year!

**Rochester Hamfest
May 31 and
June 1 and 2,
2002**

**New, Bring and Buy
Concept
See Article on Page 5
For More Info**

**NEXT RAG DEADLINE
JANUARY 11, 2002**

**AUTO ACCIDENTS
WILLS and ESTATES
REAL ESTATE
SOCIAL SECURITY
DISABILITY**

Sherwood Snyder

**Attorney At Law
546-7258 • 183 E. Main St.
W2KFU Suite #1024**

This Space Could Be For You
 Join The *RARA RAG*
 Advertisers
 Improve Your
 Exposure And Profits
 Call (716) 671-7079

GLENWOOD

594 HAGUE STREET
 ROCHESTER, NY 14606

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

PH: (716) 328-1600
 FAX: (716) 328-3630

ELECTRONIC COMPONENT PARTS (NEW AND NEW SURPLUS)

- LARGE SELECTION
- HIGH QUALITY
- LOW PRICES
- IN-DEPTH INVENTORY

WE STOCK THE FOLLOWING:

AC CORDS	IC'S	SOLDER
CAPACITORS	LAMPS	SWITCHES
COAX CABLE	LED'S	TRANSISTORS
CONNECTORS	MOTORS	TRIACS
DIODES	POTENTIOMETERS	TRIMPOTS
ENCLOSURES	RELAYS	VARIABLE CAPS
FANS	RESISTORS	WIRE/CABLE
FUSES	SCR'S	ZENER DIODES
FUSEHOLDERS	SHRINK TUBE	LOTS MORE

TRY GLENWOOD FOR ALL YOUR COMPONENT REQUIREMENTS

FULL LINE DISTRIBUTORS FOR

<u>NTE</u>	Replacement Semi's	<u>TYTON</u>	Cable Ties
<u>PRB</u>	VCR Belts & Accy	<u>PROTEK</u>	Test Gear
<u>GC/THORSEN</u>	Tools & Chemicals	<u>MUELLER</u>	Test Leads
<u>SL WABER</u>	Outlet Strips +	<u>GOLDSTAR</u>	Test Gear
<u>WAHL</u>	Soldering/Drilling	<u>PALADIN</u>	Tools
	Tools & Accy		