



the RARA RAG

Published by
ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL.55

OCTOBER 2002

NO. 2

Doing JOTA This Year

John VanGriethuysen, N2BNE
John M. Gilly, W3OAB

For the Monroe County area this year, JOTA will be held at the J. Warren Cutler Scout Reservation (JWCSR) during the Otetiana Council 2002 Challenge Trophy Camporee that will be held on Oct. 18, 19, and 20, 2002. This is the 4th annual series in the Challenge Trophy Camporee. Camp Cutler is located approximately 45 minutes south of Rochester, NY in the Finger Lakes region. Boy Scout Troops, Venturer Crews and 2nd year Webelos may attend for the entire weekend. Crews, Troops, Webelos and Cubs may attend on a Saturday Day Pass and participate in the events. They also need senior youths to step forward and become staff.

There are a few things to remember:

- A)—This event will be taxing the maximum capacity of Camp Cutler's infrastructure
- B)—Arrivals will be on Friday evening with hundreds of cars heading for two tiny entrances off poorly
Lit rural roads.
- C)—There is spotty cell phone coverage and poor response from emergency services
- D)—Many drivers will be coming for the

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RARA MEETING

OCTOBER 4, 2002

8:00 PM

HENRIETTA FIRE HALL
3129 E. HENRIETTA RD.

JOTA

(Jamboree On The Air)

PRESENTED BY

JOHN N2BNE and JOHN W3OAB

RARA's New Domain Name

Please bookmark our new internet address: www.rochesterham.org Are you a Rochester ham? Bug our website monthly To check up on the most current events. The old URL still works, but, no guarantee in the future. Note: **rochesterham** is one Word. Capitalization may work with most web browsers.

E-Mail Reflector? QRK?

George Masny, KA2GPJ

By now you've heard the term "E-Mail Reflector" at least a couple of times. You've probably wondered: "What is an "E-Mail Reflector?" I'm glad you asked that question!

The E-Mail Reflector is a feature offered by Yahoo! Groups. What is "Yahoo Groups?" Well, . . . it's not radio - it's on the Internet. It is a modern version of the bulletin board: a free service that allows one to bring together family, friends and associates through a web site and email group. It offers a convenient way to connect with others who share the same interests and ideas. It's free to both members and moderators. If you have an Internet account, you can use it! Their service is advertiser-supported and is partially sponsored by advertisements inserted into the email messages you receive.

Here is a list of the four groups mentioned at the meeting:

RochesterSpecialEvents

This newsgroup is sponsored by the Rochester (NY) Amateur Radio Association and is open to all. It deals with ideas and planning of
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the RARA RAG

PUBLISHED BY
ROCHESTER AMATEUR RADIO ASSOCIATION, INC.
P. O. Box 93333, Rochester, NY 14692-8333
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VOL. 55 SEPTEMBER 2002 NO. 2
OCT

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License Class Director: Raymond R. Pickens WA2MYG

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

Mary Kay Vesco, KC2DPJ

Well, we had a wonderful meeting in September. Rich Place, WB2JLR had lots of exciting slides from Ecuador. He had lived with a missionary family for 3 weeks and did volunteer work at the HCJB World Radio in Ecuador, so he had plenty of pictures showing these huge antennas and short wave transmitters with powers up to 500 KW! If you missed the meeting for some reason, look up Rich and give him a call. Thanks, Rich, for presenting a wonderful program.

Our Rochester Hamfest today is ranked one of the top five in the country, due to the efforts and time that our Hamfest Committee has spent in making this possible. A great big "Thank You" and acknowledgment are in order for the long years of service and hard work our Hamfest Chairman, Harold Smith, K2HC and our Assistant Hamfest Chairman, Ed Holdsworth, N2EH have done over the last 30 years. They started all this back in the 70's; Harold took care of all the logistics at the hotel and Ed handled the hamfest site. They have traveled around frequently at their own expense to get vendors and ideas about how to make the Rochester Hamfest better than the ones they visited. I think they have done a great job. I would also like to thank Lloyd Caves, WB2EFU, their right hand man for the last several years, in helping with the Hamfest. These gentlemen have been a big part of shaping our club, and they deserve more than just a little recognition. So, if you hear one of them on the air, be sure to say, "Thank you for what you have done." If anyone has an interest in becoming a major part of the Hamfest Committee, please contact Harold Smith at info@rochesterhamfest.org, or give him a call at 424-7184.

I would also like to thank Lloyd Caves for his past years of service as Assistant Editor and then Editor of the RAG. He has done a great job. If anyone wants to participate in the formation and mailing of our Newsletter, call or email any officer or board member listed in the front of this edition.

There are several public service events, activities and youth development programs that RARA is a big part of. I would like to

Continued page 7

first time *continued from page 1*

E)---Some vehicles will be "dropping off" and trying to leave "against the flow"

F)---Some of the First Aiders will only have FRS radios to use and they may need our help

G)---There will be heavy foot traffic looping between active parking and sub-camp areas

There is no doubt that this situation constitutes a need for intensive communications support during this arrival phase. Throughout the weekend, there will be LOTS of First Aid activity. Even hams that don't want to participate in JOTA will help by relieving the JOTA volunteers from the health and safety operations. We are expecting that approximately 1600 people that could potentially be introduced to ham radio. On the practical side, the need for enhanced communication for an event of this size, especially medical, safety, and security. As of Aug. 3, 2002, close to 1100 Cubs, Scouts, Ventures & Leaders have registered to come to this event with 1600 people being the stated goal.

It is worth mentioning that we already have equipment and activities planned that just might need some backup "control-ops" during meal breaks, etc. We have several operators that have said they will bring their rigs and/or antennas as well as computers to demo APRS and PSK-31. We do ask hams to bring fully charged two-meter H/T's though.

Here are a few Q/A's

Q)---How close can you park (how much walking is required?)

A)---Program cars or trucks can park in the staff parking lot we will be limited on space so car-pooling is Suggested.

Q)---What kind of ham operations and times will we be doing this year?

A)---HF through UHF under a 1x1 Special Event call of K2O. As you can see, we will need many oper.'s

To work in rotation as well as describe what we are doing to the people watching the following presentations: Peter Fournia, W2SKY and Walt Obenhofer, NQ2O will be running an AMSAT display and

If the orbit is favorable maybe work the ISS this year. Jon Dickerson, N2JAC and Don Bickle, KC2DQR

Will be running a small version of a Fox Hunt. Bill Kasperkoski, WB2SXY will be action as station QSL

Manager Bill Karft, WB2IHM and some of his scouts will also be helping out as we will have more than

One HF station

Q)--- Are there real flush toilets with running water?

A)--- Yes full size M&F Handicap Accessible rest rooms just off the main room.

I have heard a fair amount of people complaining about how the numbers of younger people entering Amateur Radio seems to be way down from what it once was. I for one think that the people that did the complaining should volunteer just one weekend (this weekend). If they just went to their local Boy or Girl Scout office and told their local Scout Council that they are willing to help participate in this year's (and next years) JOTA we would get a larger number of youths joining the world of Ham Radio.

This is how I was first bitten by the HAM Bug (no, I don't mean the old Vibraplex keyer) in '66 when I got to talk on the radio to a US Arm-Forces Base overseas curtesy of some of local MARS Hams running mobile operations during a Boy Scout Camporee. I see JOTA as a way to "pay back" Amateur Radio, Please Help!!

JOTA just about always uses these "WSF's"

World Scout Frequencies

Band SSB (phone)CW (Morse code &/or PSK31)

80 meters 3.740 / 3.940 MHz
3.590 MHz

40 meters 7.270 MHz 7.030 MHz

20 meters 14.290 MHz 14.070 MHz

17 meters 18.140 MHz 18.080 MHz

15 meters 21.360 MHz 21.140 MHz

12 meters 24.960 MHz 24.910 MHz

10 meters 28.390 MHz 28.190 MHz

Continued from page 1

special events, especially those with a Rochester area-wide appeal

RARA-general

This newsgroup is similar to the "special events" group and deals with messages of general interest to club members.

wny-radio-scouts

This group is for discussion of radio related uses, events and operation by and for scout and youth group activity, including but not limited to: Boy and Girl Scouts, Venture, JOTA, etc, and the radio clubs who help sponsor these events.

George Masny, KA2GPJ, is the moderator for these groups. Please direct any inquiries to: gmasny@rochester.rr.com

RadioCoaches

This group is for file sharing and email distribution for the group of ham volunteers who teach electronics, ham radio and technology careers to 6th graders at Thomas Jefferson Middle School in Rochester NY. Jon Dickason, N2JAC, is the group moderator. He can be reached at jondickason@yahoo.com.

LIFE, ACCIDENT & HEALTH AGENT

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P&C BROKER

NOTARY PUBLIC

SILENT KEYS

Steven H. Woodward KD2K

September 4, 2002

G. Edward Eiseman W2SPQ

September 11, 2002

**RARA HOTLINE
(585) 442-0587 24Hr.**

**NEXT
RAG DEADLINE
OCTOBER 15, 2002**

Radio Coaches Kick off Another Season

Keith Freeberg, N2BEL

Radio Coaches, now in its sixth year of operation, has been invited back to Thomas Jefferson Middle School to teach basic electricity/electronics. There have been five weekly 'on-air' meetings to converse about our preparation efforts so far and everything is going well.

The students will build the venerable "Screamer", so named because that's what parents do when the kids take it home and won't stop sending Morse. Once parents discover all their young person has learned just using this little device, the 'screaming' stops and parental pride takes over. This little kit is the core for our lessons and is built upon the bread board idea.

We are welcoming two new coaches, Jim DiTucci (N2IXD) and Dave Holman (KE3HF), this session. Jim & Dave are just starting off, attending some on-air meetings and will attend a couple classes before they decide what they would like to do. Radio Coaches welcomes anyone who wants to see the process and decide if they would like to try a 20-minute segment with the help of other Coaches.

If Coaching sixth graders sounds like something you would like to explore further, join our e-mail reflector - radio-coaches@yahoogroups.com or email the author directly at n2bel@frontiernet.net.

**ROCHESTER
HAMFEST, COMPUTER
HOBBY SHOW AND
ARRL ATLANTIC DIV.
CONVENTION
5/30,31 AND 6/1/2003
MONROE COUNTY
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Problem-Solving Methods

George Wagner

(Translator's note: This article is one of three written by Günter Wegner (EE) for the major German amateur radio Magazine, *Funkamateure*, 51/1, Jan. 2002, pp. 43-45. They appear by permission, translated and shortened for publication in the RAG. Any errors are the translator's, not Herr Wegner's. Some pictures with obvious info or some requiring extensive editing have been omitted. Herr Wegner begins his first article by citing all the roads to Rome as a situation similar to the many ways to solve electrical problems. He begins:)

As we know, electrical problems are seldom obvious, like charred resistors, bulging electrolytic capacitors or open circuits. Most of the time only the results of a problem can be seen. That means that different measuring devices have to be used for drawing conclusions about a circuit. The greatest amount of experience results in little or nothing, if there is no particular problem-solving method to support it. "Poking around" in the circuit, trying this or that, may lead to success from time to time. But this can never be called a rational search strategy. This article presents what is known as a "systematic search strategy" with quick and success-oriented tips

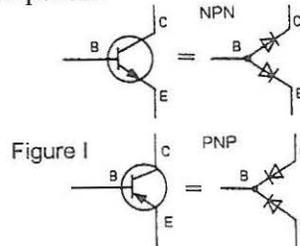
Principles for Identifying Problems

Two basic methods of action have developed over time. First, there is the problem-location strategy by means of voltage, current and resistance measurements. With this "static method" you can measure supply voltages, read currents and check contacts. Second is the "dynamic method," where the actual voltage or amplified voltage of a circuit stage can be tested, by inserting a test signal or by tracing the available signal. With proper measuring devices, you can follow the path and quality of a test signal. In real practice, both methods are used in combination. For example, once you have localized the defective stage by following a signal, you can find the actual problem by measuring voltages.

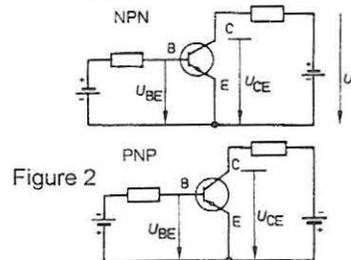
Some Basic Knowledge a "Must"

Any search for a problem is condemned failure if you don't have relatively accurate

knowledge of the circuit, as it passes to more complex stages. You must know, for example, when transistors or thyristors open or close, i.e., when the configuration "draws" more or less current. Think of a bipolar transistor essentially as two diodes with a common base, whether it is an integrated circuit or is a discrete component.

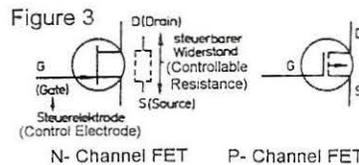


As Picture 1 shows, the diodes, whether the NPN or PNP type, are poled differently.



Picture 2 shows the direction of the associated voltages.

Taking the emitter as the point of reference, on the NPN transistor there must be a small voltage at the base and a larger positive voltage at the collector. With the PNP transistor it is reversed. If the voltage changes at the emitter diode, that is, on the base-emitter path, the collector voltage also changes. In addition to these so-called bipolar, there are unipolar transistors: the field-effect transistors with their many variations. Think of this transistor type as a controllable electrical resistance, where the current flow is influenced by an electrical signal (see Picture 3).



In contrast to the bipolar types, field-effect transistors need no control biasing. For this reason, they have a high input impedance.

Measurement Techniques continued next page
The instruments on a repair bench deter

mine its actual usefulness. In addition to test generators, etc. a bench multi-meter for voltage, current and resistance measurement is a must. Whether you use an older analog meter or the digital type is really a matter of personal taste and habit. There are also test instruments for the "dynamic" location method. Signal tracing devices can amplify a supplied high or low frequency and deliver it to a speaker and/or measure it. A speaker helps with acoustic (qualitative) control, while the measurement gives a quantitative value. In order to get a signal to the test instrument, a multi-vibrator [i.e., using a 555 timer] is useful and can be home brewed. A multi-vibrator produces the well-known square wave signal and can produce practically all the useful frequencies.

The Analog Multi-Meter

The advantage of an analog multi-meter is that the measured value can be quickly observed. Value swings and minimal and maximal values can be easily recognized. The rotating needle assembly of the meter uses resistance levels for different voltage samples; i.e., resistances are switched in parallel to obtain different measurement levels. Therefore, there is a small inner resistance (R_i), but it cannot be ignored.

For Direct Current analog meters use an internal resistance between 20 and 100 KW/V, depending on the range you choose. If your meter has an R_i of 20KW/V, then in the 100-volt range, $R_i = 20KW * 100V = 2MW$. In the 6-volt range the result is: $R_i = 20KW * 6V = 120KW$. Electronic voltmeters –digital multi-meters belong in this class – have a constant internal resistance of about 10 MW. With high resistance voltage sources, an inner resistance that is too low can lead to a false reading. For example, in a series circuit of resistors, the coupling of a voltmeter with too low an internal resistance (R_i), falsifies the voltage relationships. The rule of thumb for avoiding these errors is: the internal resistance of the measuring device should be at least ten times larger than the internal resistance of the circuit to be measured.

With measurements of electrical current, the measuring device is actually coupled in series into the circuit being tested. Here the internal resistance of the measuring device must be as small as possible, so that no significant voltage drop falsifies the measured

results.

Now, first set the needle of the meter to zero and choose the appropriate measuring range before testing. If you don't know what the level of the current or voltage is, begin with the highest range and reduce it by steps. Your choice of the range also influences accuracy. Every device has a definite, unavoidable reading error, defined by its accuracy level, and is given in percentage of end-scale value. Thus, the reading error will be different at each point on the scale, and will become even larger, as you read toward the bottom of the scale. You can keep this error as small as possible by finding the range where the needle points somewhere in the upper third of the scale.

Digital Multi-Meters

Digital multi-meters have a number readout instead of a needle reading. The measured value appears with a decimal point, the unit of measure and its polarity. The digital meter changes the analog values with an A-to-D converter. Digital devices have a high degree of accuracy, are independent of their physical position on the workbench and produce the same high insertion resistance for all ranges i.e., 10MW. The measurement error for a digital multi-meter is calculated in the percent of the given value; there is often a higher degree of accuracy than with an analog needle reading.

Analysis of Voltage

As described above, you can obtain data on voltage, current and resistance, to locate a problem in a circuit. Because of its simplicity, voltage measurement takes precedence. Start your measurements at the power plug or at the battery. Assuming properly functioning circuits (all electrical components receiving their supply voltages), each value can be read, beginning from the power source. Sometimes it is simpler to measure the voltage first at the components, and when unacceptable variations occur, to follow the path back to the voltage source. Resistors and capacitors, and even entire circuits could have given out to cause incorrect voltage readings.

Enough Already?

Not yet! We're just getting started. In the second part [forthcoming in the RARA Rag] we will learn about other methods to locate problems. There we will start with analysis of current.

Continued from page 2

thank the volunteers that we have and would welcome anyone interested in coming out to help, watch or learn, including any interested ham or unlicensed person. There is always something that needs to be done. Just let us know you want to help and we can point you in the right direction.

Our next meeting will be all about JOTA (Jamboree in the Air), so if you have any youth in the family, be sure to bring them to this meeting. We will also have a guest representative from the New York State Police give a short talk about the Pumpkin Patrol and our participation in it.

Well, that's enough talk for now. Hope to see you and your guest at our meeting. (Guests do not need to be a ham or a club member, just to be interested.)

Rochester Amateur Packet Society

Packet is alive and – well... Hiding... The level of packet activity has picked up a bit since the Hamfest, but there are still lots of room for playing around the nodes. Nodes? What's that? If you'd like to learn about packet radio, come to our meeting with your questions and there will always be someone to help you navigate through the packet system and show you how to connect that GIZMO to your radio and computer... You don't need to be a member to visit our meetings, and if you decide to join, membership in RAPS is open to anyone in the amateur radio community who has an interest in packet radio. Experienced packeteers, as well as newcomers, are welcome to join. We meet on the **2nd Thursday** of each month from September through May, at 7:30 P.M. in the first floor auditorium of the Monroe County Social Services Building at 111 Westfall Road. Dues are \$5.00 per year.

RAPS Club Call sign: KB2WYA

RAPS on the Internet: www.ggw.org/raps

Next Meeting Date:

Thursday, October 10, 2002

Program: To be announced

Future Meeting Dates:

November 14, 2002 December 12, 2002

January 9, 2002

RaRa Rag 20 Years Ago, October 1982

Ed Gable, K2MP

At this time RaRa was having a bit of a problem finding a permanent meeting site. This meeting found us back at the popular Monroe County Farm and home Center on Highland Avenue, but only for one month. The program was a talk by Roland Schindler on Amateur applications of microprocessors. After months of work the new K2JD station is open for operation at the 111 Westfall Road site after the move from the county Iola Complex. An open house was held on October 23 complete with refreshments and three operating stations. According to RaRa Public Relations Director Jim O'Brien, K2UDP, thanks go out to Paul Tanner, WA2MVK, and Bob Erskin, W2NVZ, for their volunteer work in producing a new RaRa/Ham radio Public Service announcement which aired numerous times on local TV. Dave Rubin, N3CKH, announced the formation of a Ham station located at the Jewish Community Center on Edgewood Avenue. Ed Neubauer, N2BXA, writing for the RRRRA, reports that their latest meeting was a visit to WROC-TV with hosts; WA2FZU, AI2M, WB2LAX and W2YPR. The RDXA column was penned by Rick Berg, KS2F, who reported their meeting will be a presentation by N2OO on his DX-pedition to 9M6 land. Introducing himself to Rochester VHF'ers was Dan Pedtke, WB9EAE, and Chairman of the RVHFG. John promises new life and vigor for the club and encourages everyone to participate in the VHF contest where Bill Gillette, WB2KIW, was contest chairman. A new advertiser was DX Communications of West Seneca, NY, selling new and used ham gear. From the want ads you could buy an E-Z Way crank up tower from Jerry Barlow, K2EUR, for \$575.00.

PUBLIC SERVICE

Walk for Diabetes 10/19/2002

RG&E Ginna Drill 10/22/2002

Pumpkin Patrol 10/30&31/2002

Their may be others upcoming Call Ed N2EH
(585) 624-1929

RARA RAG 7

Pumpkin Watchers Needed

Bill Hopkins, AA2YV

When I was a boy in farm country of Eastern Washington State Mr. Grinsinger didn't take kindly to whippersnappers making off With his pumpkins. What he needed was a "Pumpkin Patrol".

In our Rochester environment, a Pumpkin Patrol has a different

Function, and amateur radio operators play an important role in it. Each October 30th and 31st ham operators use their VHF mobile Transceivers to monitor local bridges over the Interstate Highways Police rely on amateurs to keep their bridges free of pranksters who May want to drop pumpkins on roadways and possibly on passing cars. Far from being enforcers, ham volunteers just park off the side of a Bridge and call in any suspicious prankster activity. Unfortunately in Past years motorists had been injured. Now there is an effective Deterrent, simply by the presence of an automobile equipped with a Transceiver.

Once again we pumpkin regulars need your help, just call Ed N2EH 585-624-1929 to volunteer for one or the two nights from dusk to 10:30 PM.

You will need to bring your own "treats" with you. Their will be a Representative from the NY State Police at the October < 4th meeting To promote the Pumpkin Patrol participation..

RARA License Class

Ray Pickens, WA2MYG

All started reasonably well 19 people showed up Registered and began their studies 3 taking the Extra Class and 3 taking the General class the Rest taking CW and Technician class although The exact numbers in each unknown at this time I will have exact numbers next month. The biggest Hurtle to overcome is the fact the County closed 111 Westfall Rd. to all club meetings and or activities We have tempory access to the Monroe County Hospital Just how long that will last is unknown at this time.

RARA RAG 8

Do You Have 2 Addresses?

Do you have a different address in the winter (where the snow doesn't fall)? If you do we would like to have your winter address so that we can continue to get the RAG to you on time. If you let me know what the address is and when you will be there it will help me very much. It will also show as a second address in "The RARA Directory" so that others will also know where to find you in the winter.

You can send the address to me in the mail at 24 Elaine Dr., Rochester, NY 14623-5306 or you can send me an e-mail at rgoslee@rochester.rr.com. Thanks.

RARA Amateur Radio

License Testing

All Elements Needed

To Complete a License Class

SATURDAY

OCTOBER, 28 2002

Registration-8:30 AM

Testing Begins-9:00 AM

LOCATION

MONROE COUNTY HOSPITAL

SOUTH (MAIN ENTRANCE)

CORNER of E. HENRIETTA RD

And WESTFALL Rd,

Park across the street

Inquires 585-334-4488

Aa2fo@localnet.com

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

Sherwood Snyder

Attorney At Law

546-7258 • 183 E. Main St.

W2KFU Suite #1024

From the President of RRRA

Brad Allen, KB2CHY

By the time this gets to you, we will have had our first meeting of the Year. Hopefully we will have had a better turnout than normal for our First meeting. I have been advertising phase II of the repeater project. That will consist of putting the remote base on 440 and other INTERNAL Changes that need our attention. I hope everyone had a great summer, but It's now time to focus on our hobby/service. Please join RRRA for the Next year and if possible, provide a little extra quiet money to help restore The repeater fund and our treasury. We will be moving forward on phase II as soon as all portions of the project are finalized. Access to the site is Still & will be restricted for the foreseeable future and we need to have As much done off site as possible. Let's get ready for a very profitable year.

We need to stay focused on possible attacks by others and provide our Expertise and readiness for our area. A year will have passed since 9/11 And the images are fresh in our minds. We must carry on as normal, but Be aware and ready for anything. I hope we have a good turnout for the October meeting as well. This year there will again be a need to help out on Pumpkin Patrol. The repeater should prove very handy because of it's expanded coverage. There will be a special macro for that function as well. JOTA is looking for volunteers to open their radio shacks to area scouts. Get hold of myself or John N2BNE for more information. Hope to see you all At the meetings upcoming.

In passing norminally RRRA meetings are the third Friday of the month
September – May 8:00PM in the basement of the Pittsford Town Hall also since the new controller went on line the AUTO-PATCH is now Open to all licensed amateurs. If the conditions are right the whole system Including the Westfall receiver may or may not be in PL (110.9) the two Remote recovers are always in PL (110.9) if some one with out PL capabilities Can press the PTT and hit the #2 touch tone (the controller response will be error) That will turn off the PL for Westfall it will reset automatically.

Walk for Diabetes – Public Service on Park Avenue October 19, 2002 – approx. 8:00 to noon

Keith Freeberg, N2BEL

Park Avenue, that trendy street of interesting shops and cozy restaurants will be the host to America's Walk for Diabetes this year. Four to five hundred walkers will make the 6.4 mile loop of the Park Ave. area as they raise awareness and funds for diabetes research. Ninety-six cents out of every dollar raised will go to the effort of finding a cure for diabetes in our time. The 'Walk' needs twelve to fifteen Hams to perform walker related communications tasks for the morning of Saturday, October 19, 2002. If you have a few hours to spare that Saturday morning and a two meter radio we need you!! We have ordered sunshine and soothing breezes so leave your rain gear at home.

There will a delicious breakfast and sandwich lunch with beverages for all the volunteers so come hungry. Sign up today and I'll reserve a really neat custom volunteer 'T' shirt for you to add to your collection with my compliments. Just give me a call or drop me an e-mail to sign up. Put October 19th on you calendars now and ask someone to come with you to help with food or prep and clean up.

email the author directly at n2bel@frontiernet.net or call 585-254-0722 now.

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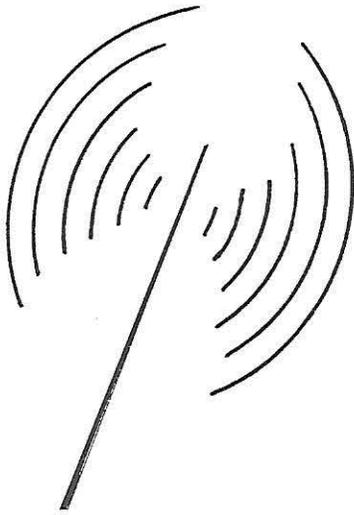
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