



the RARA RAG

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NO. 3

RARA Auction Magic:

By Bill Kasperkoski, WB2SXY
Vice-President, RARA

Turn a Bag of Wires into Cash, Parts into Tax Deductions and Unused Rigs into Smiles for Radio Newcomers. RARA is looking at the November calendar again and the Annual Auction is just around the corner.

The Dynamic Duo of Ed Gable K2MP and Dick Goslee KG2I have once again succumbed to our pleas to be the auctioneering staff for RARA's November Membership Program. Who could guess that Friday nights at RARA could be so entertaining? While Dick and Ed are substantially younger than the history of radio, their combined knowledge and first hand access to historic radio communications information (we're talking more than just a few sunspot cycles here, folks) gives them unique perspectives (one MIGHT say that they are old hands) at RARA's Annual Auction process.

As a reminder to the membership, (everyone has seen this before), the rules of the auction are simple. RARA keeps 10% of all sales as a commission, or you may choose to simply donate the full proceeds of your items to benefit the treasury. The commission or donation amount is fully tax-deductible. For donations, you may designate that it goes to specific programs like the Scholarship Program or Education etc. or to the General fund. All sales are by cash unless the seller agrees to accept your check. Please ask before bidding on any item.

It is expected that you pay for items that you win in the bids right after the gavel falls, and the seller should pay the commission from the proceeds of the sale immediately after that to the accounting staff.

This is a member's only auction. Paid up members are welcome to put as many items up for sale as they can get through the door, and each paid member may bring a guest. You will be able to update your membership as you come through the door on the night of the event.

Sales in the parking lot and before the auction are prohibited. Please note that the doors will open one hour early, at 6:30 PM, for sellers to bring in and display their sale items. Please feel free to come and preview the auction items during this hour as well. There will be no regular business meeting and the auction will begin at 7:30 sharp.

Help out your club and fellow members with your auction items starting at 6:30 PM, Friday November 4th, 2005 at the Henrietta Fire Hall, 3129 E. Henrietta Rd, at the corner of Lehigh Station Road.

Hamfest Programs

By Harold Smith, K2HC
Hamfest General Chairman

Yes, there will be a Hamfest in 2006. It is scheduled for the weekend of June 2-3-4.

A most important Hamfest feature is programs. We need your help choosing topics and speakers. Please tell us if there is a topic you would like covered or a special speaker to make a presentation. Send your idea or suggestion to the Hamfest general chairman via email to harold@rochesterhamfest.org.

You could receive those email messages if you were the Hamfest program chairman. That position is currently open. Contact me if you wish to participate as program chairman.

RaRa Auction

November 4, 2005 7:30 PM.

(Doors open at 6:30 PM)

Henrietta Fire Company #1
3129 East Henrietta Road

SILENT KEYS

Alfred J. Dobbs, AD2L

September 13, 2005

Harvey N. Samuels, WA2LUE

October 3, 2005

the RARA RAG

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The Prez Sez

By Dick Goslee, KG2I
President, RARA

Last month's meeting was a real test of the new paving job at the Henrietta Fire Hall. It was sure nice not to have to tramp through the mud to get to the meeting. The entertainment was sure varied and was well received by those in attendance.

This month will be the Annual Auction, and I won't dwell on it as the Vice-President has an excellent article with all the details. I will only say that it is always a fast paced, fun filled and perhaps profitable evening for everyone involved.

The December meeting will not be held at Kodak as in the past due to cutbacks in the operating hours of the building where the meeting was usually held. The meeting will be held at the normal RARA meeting site in the Henrietta Fire Hall. Details will be announced in the December issue of the RAG.

I would like to take this opportunity to thank Raj Dewan, N2RD for stepping up and taking over as the "Team Leader" for the RARA VE Testing Team. Raj has a long background in giving exams to both new and existing hams. He and the team look forward to helping you get your first license or upgrading your existing license. For details about the exams see Raj's article in this month's issue of the RAG.

That's all for now as we are tight on space for this issue of the RAG.

" This Is W2ZEY Mobile... "

By Larry Wallnau, W2ZEY

A good friend alerted me to a new law that will take effect soon in Connecticut. It will change the meaning of "mobile". The law forbids the use of cell phones without hands-free devices, just as New York does. But it goes further. It forbids any *hands-on activity that is not directly related to driving*, including reading, shaving, applying make-up, eating, and so on. By inference, using a microphone for a two-way radio would be forbidden as well. So if you travel through the state of Connecticut, pull aside if you are going to use your mobile radio, or purchase a Heil headset so you can legally drive and operate the radio. Heil made a headset for my Yaesu 2600M and it works quite well, although it was expensive. If I learn of more states that have hands-free laws that extend to amateur radio, I will let you know. If you know of any, please tell me so I can pass that information on.

RaRa Rag 20 Years Ago, November 1985

By Ed Gable, K2MP
RARA Historian

The program then, as now, was the ever-popular RaRa Auction at the Police and Fire Academy on Scottsville Road with auctioneers Ed Gable K2MP and Len Gessin WA2ZNC. Reported in this issue was a very important FCC decision that pre-empted local antenna regulations. Known as PRB-1, this still very important piece of legislation has allowed many Amateurs to erect antennas where local governments had tried to block all such activity.

The RRRA announced their annual FM clinic to be at the Pittsford Town hall and headed by its Technical Director, Ron Jakubowski, K2RJ. In a plea to get more local amateurs involved in the January ARRL VHF Sweepstakes contest, Ev Tupis, WB2ELB, wrote announcing the new *Rochester Cup* that will be awarded to the most active local radio club's membership in the contest. Further Rochester VHF Group news included the announcement that Lloyd Luke, of Harris/RF, will be their featured speaker with the topic Meteor Scatter Communications. Pete Secrist, WB2SUN, writing for the Xerox Radio Club, gave a status on their repeater systems including the report of a new repeater on 224.26 Mhz. Pete also announced plans for a 440 Mhz Xerox repeater to be operational soon.

With regret it was announced that Ed Hurysz, WA2YFO and Lee Blauvelt, K2CKN, were reported as silent keys. In the news was the terrible 1985 Mexico City earthquake that killed 5,000 residents. It was reported that communications were hampered when the FCC upheld their long-term prohibition against the use of re-broadcasting Amateur Radio communications even under a life and death condition. The law was subsequently changed.

Keith Freeberg, N2BEL, reported that through the efforts of RaRa a six-week Amateur Radio training class was being held at St. Joseph's Villa. The program was headed by Tim Wettach, N2TW. The Heath/Zenith Center at 937 Jefferson Road remained a long-term advertiser. From the Want Ads you could buy a Scientific Radio 1 kW HF transmitter from the JCC ARC by contacting Norm Adams, KA2JRK.

**December Rag Deadline
November 11, 2005**

Sidebands – Amateur Radio in the News

By Larry Wallnau, W2ZEY
Media Communications

The first two articles appeared in the *Midland [Texas] Daily News*:

Amateur radio can be a lifeline in an emergency
by Geoff Malicoat, *Midland Daily News*
09/22/2005

In the event of a catastrophic communication failure, such as the one that followed Hurricane Katrina, amateur radio operators can be a vital link between emergency responders and a lifeline to those needing emergency services.

September is Emergency Preparedness Month as designated by the Department of Homeland Security and in the wake of recent emergency response breakdowns, local amateur radio operators gathered in Plymouth Park on Saturday for their annual Amateur Radio Awareness Day to raise public awareness of their hobby and also demonstrate their emergency preparedness.

Pat Mullet, of Freeland, helped organize the event and wanted to show that when technology fails, the time tested communication network of amateur radio operators remains intact.

It's a lot of fun, but it's not just talking. Sometimes it may be the only communication that can be passed, Mullet said.

Mullet said his group participates in training drills with local emergency responders to help both prepare for a situation that may temporarily shut down emergency communications.

The Midland chapter of the National Amateur Radio Association has 66 active members, some of whom have been operating for decades. The chapter president, Lee Hodges, and his fellow members demonstrated handheld and stationary equipment that can be used with auxiliary power to coordinate rescue efforts.

©Midland Daily News 2005

Friday letter: You'd think we'd learn

Midland Daily News 09/23/2005

To the editor:

After 9/11, after hurricanes Charley, Frances, Ivan, and Jeanne, which ravaged Florida in 2004 and now Katrina, which more or less gutted the Gulf Coast, it shouldn't surprise anyone that landline and wireless communications can be interrupted, or that these services could be down for a considerable interval while the system is essentially rebuilt.

(Sidebands continued on page-4)

Sidebands, (continued from page-3)

And commercial communications aren't the only ones affected. Public service communications, the systems used by local government, police, fire, etc., all can suffer when the power goes down. And as shown during 9/11, when an emergency does arise and the communication systems do manage to survive, often as not the different agencies involved can't talk to each other because they're all on different systems and frequencies.

Isn't it strange how dependent we've become on cell phones? Twenty-five years ago we got by with landline service – today, if we get a "no service" message, we panic. A classic example of this came last week as Louisiana Gov. Kathleen Babineaux Blanco complained about her government's inability to use cell phones and blackberrys in their efforts to deal with the devastated area. "The communications network is completely gone," she is reported as saying. Isn't living in a high-tech world grand?

Gov. Blanco's protestations to the contrary, there was, and still is, a communications system active in and around the Gulf area, relaying needed emergency and priority traffic to and for the civil authorities: Amateur Radio, popularly known as Ham Radio. Even before Katrina hit, Ham radio operators were there, relaying weather conditions up and down the coast to the National Hurricane Center, allowing the meteorologists to pinpoint where she'd come ashore. As the storm hit and the power died, the Hams were still there, using solar power, batteries, generators to get information out of the area.

In Katrina's aftermath, Hams relayed vital info into the area, facilitating numerous rescues. Hams provided and are still providing vital communications between Red Cross shelters and Salvation Army facilities. Hams filled in, providing communications for local officials and relaying messages to and from the military as they arrived. Ham radio may be "old school," but it is dependable.

Now, the mid-Michigan area certainly isn't susceptible to hurricanes, but we do suffer through tornadoes, severe thunderstorms and blizzards, and we've all suffered through power outages as a result of these. And we all remember the Freeland train derailment and the MVS Jupiter fire--emergencies can happen anywhere. And wherever they strike, you'll find Amateur Radio operators ready to work with local officials and organizations such as the Red Cross and Salvation Army to provide emergency communications. Hams in each of the Tri-counties volunteer and train for such contingencies, but also train to act as storm spotters for the National Weather Service.

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As part of their public service activities, the Midland Amateur Radio Club offers classes to teach interested parties to pass the FCC test to gain their Ham radio licenses.

Pat Mullet, KC8RTW, Freeland
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National Public Radio affiliate, **WMUB**, serving Southwest Ohio, presents the WMUB Forum, which brings news and current affairs analysis with a local edge. Weekly topics cover everything from politics to education, literature to entertainment. Broadcast live and interactive on Friday mornings and hosted by Cleve Callison and John Hingsbergen. On September 30 the show was entitled *Amateur Radio and Emergency Communications*. The guests were Dr. Jim Garland, amateur radio operator (W8ZR) and President of Miami [of Ohio] University; Gary Hollenbaugh (NJ8BB,) member of the Preble County, Ohio Skywarn Group; and Jim Keen (WB8NYM) WMUB Chief Engineer.

ARRL – NEWINGTON, CT, Sep 30, 2005 – ARRL Chief Operating Officer Harold Kramer, WJ1B, testified on behalf of the League September 29 before the US House Subcommittee on Telecommunications and the Internet. Addressing the hearing topic, "Public Safety Communications from 9/11 to Katrina: Critical Public Policy Lessons," Kramer reiterated and amplified comments ARRL President Jim Haynie, W5JBP, delivered earlier this month to the House Government Reform Committee. As did Haynie's remarks, Kramer testified on the successful efforts of Amateur Radio operators who provided communications during the Hurricane Katrina response.

"Amateur Radio was uniquely suited to this task by virtue of the availability of HF communications covering long distances without fixed infrastructure," Kramer pointed out in his testimony. In addition to those who responded to support relief agencies in hurricane-devastated areas, thousands more radio amateurs outside the affected area monitored radio traffic and relayed health-and-welfare messages, he said.

Kramer noted that there's been a lot of discussion in recent years about public safety interoperability. "The Amateur Radio Service provides a good deal of interoperability communications for first responders in disaster relief incidents," he told the subcommittee. He said ham radio is able to fill this crucial role because even the "interoperability channels" that exist in most Public Safety allocations are useless when the Public Safety communication infrastructure goes down.

"Interoperability, in short, presumes operability of Public Safety facilities," Kramer said. "While some 'hardening' of Public Safety facilities is called for, there is in our view an increasing role for decentralized, portable Amateur Radio stations which are not infrastructure-dependent in providing interoperability communication on site."

Kramer told Subcommittee Chairman Fred Upton and his House colleagues that Amateur Radio "is largely invisible to both the FCC and to Congress on a daily basis, because it is virtually self-regulating and self-administered," he said. "It is only during emergencies that the Amateur Radio Service is in the spotlight." Also testifying at the subcommittee session was FCC Chairman Kevin J. Martin, and Kramer said he had the opportunity to introduce himself to the chairman before the subcommittee convened.

Martin also was on hand September 22 when Haynie's written comments were placed into the record of the US Senate Commerce, Science and Transportation hearing on "Communications in a Disaster." Alaska Republican Ted Stevens chairs that Senate panel.

Kramer noted that for the first time ever, the Corporation for National and Community Service (CNCS) has provided \$170,000 in grant supplements to the ARRL to support the efforts of Hurricane Katrina emergency communicators in the Gulf Coast. The grants to the ARRL's "Ham Aid" fund enable the League to reimburse some volunteers' out-of-pocket expenses on a per diem basis.

Kramer said he was honored to be chosen to provide the testimony on behalf of the ARRL. "I am proud of Amateur Radio's and our role in the Katrina relief effort," he added. [Source: *Allen Pitts, ARRL, Public Information Officer.*]

ARRL – New York Congressman Steve Israel has reintroduced legislation that could make it easier for radio amateurs living in communities with deed covenants, conditions and restrictions (CC&Rs) to erect suitable antennas. Arkansas Congressman Mike Ross, WD5DVR, signed aboard as an original cosponsor of the "Amateur Radio Emergency Communications Consistency Act" (HR 3876).

ARRL President Jim Haynie, W5JBP, has encouraged League members to write their elected representative and ask that they cosponsor and support the bill, especially given two hurricane emergencies in short order.

"Amateur Radio is certainly a part of this nation's communications infrastructure," Haynie said. "What we're asking for is just a fair shake so we can put up antennas and help our fellow citizens."

While the League has ramped up its efforts to educate members of Congress about Amateur Radio, Haynie said lawmakers respond best to individual members.

The one-sentence measure is identical to the text of the CC&R bill that has been introduced in the last two sessions of Congress. It would put private land-use regulations, such as homeowners' association rules, on the same legal plane as state or local zoning regulations under the FCC's PRB-1 limited federal preemption. PRB-1 now applies only to states and municipalities.

HR 3876 has been assigned to the House Energy and Commerce Committee. Information about the bill and a sample letter to use when contacting your representative is available on the ARRL Web site, www.arrl.org/govrelations/hr3876/.

In his public announcement September 19, Israel said that "often unsung" Amateur Radio volunteers were instrumental in helping residents in the hardest hit areas in the wake of Hurricane Katrina, including saving stranded flood victims in Louisiana and Mississippi.

"State and local governments, as well as disaster relief agencies, could not possibly afford to replace the services that radio amateurs dependably provide for free," said a statement from Israel's office. "However, the hundreds of thousands of Amateur Radio licensees face burdensome regulations that make it extremely difficult to provide their public services." [Source: *ARRL Letter – email version.*]

IS THIS YOUR LAST ISSUE OF THE RAG?

By George Masny, KA2GPJ
Membership Secretary

The membership period for RARA starts the first of September each year and continues through the end of August the following year. The final membership expiration each year is October 31, which includes a 2-month grace period for payment of your dues. Check the address label on your current issue of the RAG for your expiration date. If it shows OCT. 2005, your dues have not yet been received (as of Oct 18th) for the 2005-2006 season and this will be your last issue of the RAG. You must be a current member of RARA to participate in the auction at the November meeting so now is a good time to send your check.

You may pay your dues at the November Auction or any RARA meeting or send them along with your completed membership application to RARA, P.O. Box 93333, Rochester. NY 14692-8333

VE Testing by RaRa Club Members

By Raj Dewan, N2RD
VE Team Leader

Date: Third Saturday of every month, Sept through May.

Time: 10AM

Location: RIT Campus, Bldg. 9, Room 3139. Park in Lot J.

Contact: n2rd@arrl.net

RaRa has resumed VE administered testing on a regular basis. The sessions will be held every third Saturday, with exceptions listed on the RARA website, at 10AM. The current venue is RIT Campus, Bldg. 9, Room 3139. Park in Lot J. While no pre-registration is required, please email me at n2rd@arrl.net to help us plan the session better.

We will be using Laurel VEC for one big reason: it is free for the test takers. They are the only VEC's offering testing in the contiguous US at this low fee. Of the 15 VEC currently registered with FCC, it is 4th largest in the number of elements administered. Other than the lower fee, the test takers should see no other difference between tests offered through the Laurel VEC and any other VEC.

If you are already accredited with any other VEC, accreditation with Laurel VEC is easy. Just get in touch with me and I will get the process going. Also get in touch with me if you would like to help out with VE testing in any way. It is up to us to make it easy for folks to get into ham radio and in this way give something back to build the wonderful hobby that we share. I am trying to build a roster of VEs from which I can draw two or three for each test session. By following a rotation, any one VE may be asked to help with the regular sessions only two or three times a year.

HW-9 Help Needed

I have repaired a loved Heathkit HW-9 QRP xcvr. Now I need to do a power-off resistance check of various circuits. I am searching for another HW-9 owner to let me make resistance check comparisons with my repaired rig, before I apply any power to it. Please call me at your convenience. Bill Hopkins, AA2YV, (cell) (585) 230-5009 or email to:

whopkin4@naz.edu

FOR SALE:

Heathkit SB-220 HF-Amplifier 80-10M. Strong tubes, Full output, Unmodified, With manual, Excellent-working condition, \$500/OBO. Bob Rachow - N2WY (585) 392-9848

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News from RRRRA

By Brad Allen, KB2CHY
Vice President, RRRRA

This has already started out as an extremely busy and good year for RRRRA. September's meeting was well attended and Nick Francesco gave a talk on Identity Theft and how to avoid and fix it. He answered many other questions as well. Nick was a HAM many years ago and we put him on our mailing list so he can attend other meetings as well.

Granted it is hard to top a local celebrity like Nick, but the month of October on the 21st at 8:00 at the Pittsford town hall, Max Kessler will give a talk on a program called "Blender". So what is "Blender" you ask. Well, I am not sure either so I will go to the meeting to find out. Max assures me it is worth the trip.

I will also be attending the JOTA this month on the 15th and will have a Repeater demo along with 443.900+ 110.9PL on site. Please point your beams toward Camp Cutler out Bristol way and chat with some scouts that will be running around with a couple of my handheld radios. I will also have a picture display of how the repeater works.

November is busy as well. The RARA auction starts out the month on the first Friday and there will be some equipment from the estate of Raymond Pickens, WA2MYG, a silent key from 1 year ago, Thanksgiving eve. I will invite members of his family to join us.

At the November meeting of RRRRA, we hold our annual tune up clinic. Bob Shewell, N2HJD will bring his gear to check your purchase of a radio from the auction or what you have that may be having a problem. Bob will check/adj. frequency, PI tone level/frequency, and audio deviation. Please no basket cases and bring handheld's and mobile radio accessories and manuals. Please see the website <http://www.rrra.5u.com>.

December is our "Family Night on the Town" evening. This will be earlier this year because I will be out of town on the 15th, our normal night. The website will have info on this as well. We will probably make reservations at MacGreggor's on Jefferson Road. Time to be announced. This is a night dedicated to your family and your Ham Radio family. We go to the restaurant and have dinner together, Dutch treat. No radios allowed and conversation about them kept to a minimum. Please join us, as this is a great time to get together before the holidays.

Rochester Hamfest
June 2-3-4, 2006

XARC Fall Fox Hunt, 10-29-05

By Fred Miller, WO2P

Folks, Saturday morning, October 29th (rain or shine) has been selected as the date for the Fall 2005 Xerox Amateur Radio Club (XARC) "Halloween Hunt".

If you are interested in participating, please mark your calendars with this date. If you want to sharpen your EmComm skills or just want to have fun, we invite you to participate. The "gathering point" will be in the parking lot of Egypt Town Park at the corner of Route 31 and Victor Rd in the town of Egypt. Pre-Hunt registration will begin at 9:00AM and the "Hunt" will start promptly at 9:30AM.

The post-hunt lunch and award presentations will be at MacGregors restaurant, located on the north side of Route 31 in Egypt, 0.6 miles west of the Egypt Town Park (across from the Hess gas station) at about 1pm.

We will send out details and this hunt's rules the week before the hunt. Contact Fred Miller at wo2p@aol.com for complete rules. There will, of course, be a Certificate for the first five finishing teams.

Please spread the word and the date to other clubs and interested parties. We would like to see a good turnout. Also, since this will be a "tag based" hunt, you won't even have to be licensed amateur to participate. Hope to see you there.

Your Hunt Masters: Fred Miller, WO2P & Judy Stonehill, N2KXS

MCLEPC Meeting

By Bill Kasperkoski, WB2SXY

Monroe County's next Local Emergency Planning Committee (LEPC) will be held November 9, 2005 at the Public Service Training Facility, 1190 Scottsville Road, OEP (Suite 200) 8:30 am. Members of the public are invited and please sign in as a ham radio guest. Refreshments will be served. There are no meetings in December, June, July and August. The meeting schedule for 2006: January 11, February 8, March 8, April 12, May 10, September 13, October 11 and November 8, 2006.

New Hams & Upgrades

By Raj Dewan, N2RD
VE Testing Team Leader

Congratulations to Jennifer Indoviha, Michael Mazzola and Ben Sheron on passing the Tech Exam. Barbara Kuecken also upgraded to General at the first exam session of the season.

The Joe Flynn Memorial Emergency Radio Fund

By Mark Harloff K2CAN

It has always been Joe's dream to help the New York State Emergency Services Office to rebuild the Amateur Radio Packet System. This system links the state together with a digital radio mode of operation called Packet Radio.

In the wake of September 11, 2001, the State Emergency Office had asked the state radio officer to guide and assist amateur radio operators across the state in rebuilding the packet radio system. There were still remnants of the old system functioning in broken links. The "Bliss Node", which Joe had had originally envisioned, installed and maintained was one of these links. A new operating system is going to be used to handle traffic behind the scenes. This system is called Flex Net. Joe quickly took up the challenge here in the western section of the state. Through a lot of hard work and help from his technical acquaintances, he was able to promote and help re-establish a good portion of the system in the Western Southern Tier.

Joe was working along with other hams to add to and improve the reliability of the system. He also took it upon himself to repair some of the equipment that had failed (mostly with his own funds) and he donated bits and pieces of equipment to get the system back up and running with this new technology. His health often slowed his progress, but Joe persevered.

Throughout his illness, Joe kept on working on the system and was stopped only by the illness that took him from us.

It was Joe's dream to complete the Western New York link of this vital system. The "node" that will operate in Bliss will carry his amateur radio call sign K2LMH.

Joe's wife and family would like all of us to help keep Joe's dream alive. They ask in lieu of flowers, donations are made to a fund being created for this purpose. The fund will be used to finish Joe's important task; finish buying any new equipment, pay for repairs on existing equipment, keeping the node site in top notch working order, and paying the electric bills at the node site.

Hurricane Katrina has showed us the vital role amateur radio plays in emergency communications. The Joe Flynn Memorial Emergency Radio Fund will support these efforts in the amateur radio community.

(Joe Flynn Memorial continued on Page-8)

Joe Flynn Memorial (cont. from Page-7)

To keep our emergency communications system viable now and in the future will truly be Joe's legacy.

Gifts and donations can be made to the: Joe Flynn Memorial Emergency Radio Fund, PO Box 375, Machias, NY 14101

Any questions, etc. can be directed to me: Mark Harloff K2CAN at (585) 229-4372 or k2can@frontiernet.net

November Calendar

- 4 - RaRa Meeting - 7:30 PM - Henrietta Fire Hall, 3129 East Henrietta Road
- 10 - RaRa Board of Directors - 7:30PM-RIT Bldg-9, Room 3119
- 11 - RVHFG - 7:30 PM, monthly meeting at Ogden Town Hall, 269 Ogden Center Rd.
- 15 - RDXA - 7:30 PM, monthly meeting at Gander Mountain, Jay Scutti Blvd, Henrietta
- 18 - RRRR - 8:00 PM monthly meeting at Pittsford Town Hall, basement meeting room.
- 24 - BARK - 7:00 PM monthly meeting at Bob Rachow, N2WY, 1140 Peck Rd., Hilton

RaRa Amateur Radio License Testing

All Elements needed to complete a license class.

3rd Saturday of each Month, Sept. - May

Registration - 10:00AM

Testing - 10:15AM

Room 3139, Building 9 (Park in Lot J)

Rochester Institute of Technology

1 Lomb Memorial Drive

Rochester, NY 14623

Contact Raj Dewan, N2RD to reserve space. Call 585) 703-4003 or e-mail n2rd@arrl.net

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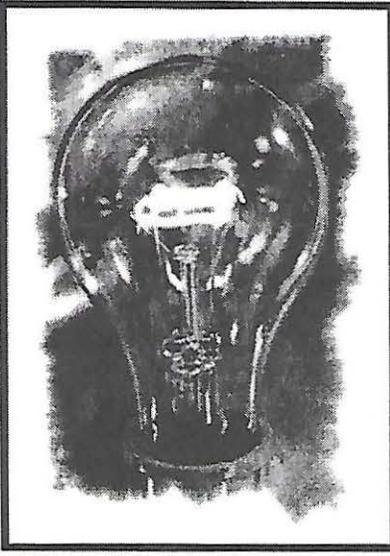
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