



JULY MEETING IS OUR ANNUAL PICNIC

GARY SKUSE, KA1NJL—RARA VICE PRESIDENT

Last year we held our July RARA meeting at the annual picnic and it turned out so well that we're doing it again. This year the picnic is scheduled for Saturday July 11th at the Wadhams Lodge in Powder Mills Park. Please note that this is a change of venue from prior RARA events. We figured it was time to try something new.

If you haven't been to any of our events, like the annual picnic or the Winterfest, it's about time you join us. If you have been to those events in the past, please join us again for this year's picnic. We will be setting up around 11:00am, the grill gets ready around noon and the burgers and hots will be ready soon after that. It is a picnic after all so please keep in mind that those times are a bit flexible. Of course you are welcome to get there early to enjoy the day and each other's company. Each year I look forward to the picnic and the Winterfest as opportunities to see and chat with my fellow hams, many of whom I only talk to over the radio for the rest of the year.



We invite you to bring a dessert to pass so we can have an assortment of delectable treats to choose from. In the past we have been impressed and sometimes amazed by your culinary creativity and overall cooking skills. Please take this opportunity to show off those skills with our other members.

Wadhams Lodge has a cook top, two grills and ample seating for everyone. If you need directions you can find them [here](#). Of course, Powder Mills Park has plenty of hiking trails and opportunities to simply enjoy the park with your friends.

If there are any announcements to make we will try to keep the "meeting" part of the day very brief. If you would like to bring a radio and antenna, we encourage you to provide some operating positions. If you would like, you can even start your own tailgate flea market in the parking lot. Also consider bringing along your favorite picnic games or table games and don't hesitate to take part in good old rag chewing. Fun is strongly encouraged and ought to be required.

Please spread the word that there is no meeting at the fire hall in July. And, of course, if you would like to help make this event happen you can contact any of the club's officers or board members and we will be sure to satisfy your need to help with some tasks that will benefit everyone. We're confident that the picnic, like all other RARA events in the past, is going to be a blast. I hope you can join us.

JULY 2015
VOLUME 67, ISSUE 11

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PREZ SEZ

FRANK SCHRAMM, WB2PYD—RARA PRESIDENT

Congratulations to Bryan Carey, KC2MRD! Bryan is our 2015 RARA Memorial Scholarship recipient. This annual award is given to a licensed Amateur Radio operator pursuing a degree at any accredited post-secondary school. The individual must be a member of RARA and a resident of New York State. The Memorial Scholarship is awarded in memory of the following "Silent Keys": William Buchan, W2OMV; Keith Freeberg N2BEL; John E. Levis, KB2FXI; William Resch, K4VOS; and Leland Zwack, W2WPF.

It's PICNIC Time!!!

It's just a few short weekends away... Saturday July 11th! As stated elsewhere in this issue of the RAG, we have moved to Powder Mills Park for a change of scenery. What's NOT changing is the food and fun! As always the Picnic is a benefit of being a member of RARA. Rain or shine we expect to see you (current members only) and your family at the Picnic. We will fire up the grill about noon and some of the menu highlights include: Cold drinks, hots, hamburgers, macaroni salad, potato salad, green salad, salt potatoes, and lots of munchies. I'm hungry just thinking about it... See you there!

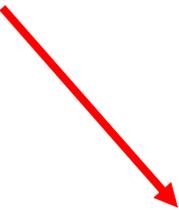
73 and prosperous DXing!

Frank
WB2PYD

CALENDAR OF EVENTS

JULY 9TH - RARA Board of Directors
5:30 PM RIT Engineering Hall, Room 2110

JULY 11TH - RARA Picnic
11:00 AM at Powder Mills Park



**There is NO July Meeting.
The RARA Picnic is the
meeting!**

Whither Hamfests?

GARY SKUSE, KA1NJL

After a one year hiatus the Rochester Hamfest returned and I had a ball. The weather was ideal, some of the deals in the flea market were irresistible (i.e. I came home with too many goodies) and, as always, I thoroughly enjoyed the opportunity to see and catch up with my many friends in the local amateur radio community. One of my friends actually commented that he was having trouble checking out all of the stuff for sale because he kept running into friends he wanted to chat with. That's a great problem to have.

This year's hamfest was unusual in that it was not a RARA event. The Barnard Exempts folks did everything. RARA was left with little choice but to outsource the hamfest due to a lack of volunteers from within the club. All we did in advance was help to promote the 'fest and afterward we received a portion of their profits to support our club. In light of the fact that this was their first time running the event, rather than letting us run it on their grounds, they did an amazing job. In my eyes they hit it out of the park. However, that old saying that you can't please everyone was proven a number of times at the 'fest.

I first heard people complaining around 6:45am. The line to get cars into the flea market was long and, people being people, there were lots of complaints about how long it took to get in. If the attendance was drastically reduced so that the line was shorter and therefore the wait to get in was shorter I suspect those same outspoken people would have complained about poor attendance. What's that old saying?

The VE testing session was one of the largest I've seen in my five or so years as part of the VE team. One person even drove here from Michigan to pass her extra exam. Despite the large turnout there were a number of complaints about the fact that there was no sign outside of the building in which we were testing. Interestingly those complaints came from people inside the building who, obviously, found us despite the lack of signs. I can hear that old saying again, can you?

Last week, coincidentally, there was a dialog on RadioReference.com about hamfests, their past and their future. Many hams commented that their demise is inevitable because of the availability of online auction sites to buy and sell gear and the ease with which we can purchase new equipment, cable, connectors and anything really on line. I can't count the connectors and adapters I've bought on Amazon of all places. The influx of inexpensive Baofeng radios and their ilk has not helped anything either. Would you rather buy my 10 year old Yaesu VX-7R or a brand new Baofeng UV5R for \$26.90 (again on Amazon)? For many that question is just silly.

So where are hamfests going? I suspect that they will be around for a long time as long as we recalibrate our expectations. Will they continue to be the large events with gobs of tasty used gear and commercial vendors like they were in the past? I sincerely doubt it. The largest vendors don't even go to Dayton anymore. Will they continue to be opportunities to see our friends, talk about equipment and the contacts we've made and simply have fun? I certainly hope so. The biggest obstacle to the continuation of the Rochester hamfest, and most likely for all others, is the negative attitudes and the complaining. I propose that we prove that old saying wrong and simply have a good time at all future hamfests. Enjoy the opportunities to share our hobby with our friends. The good old days are behind us and they really weren't as good as we seem to remember.

The Great Balloon Chase

JON DICKASON, N2JAC

Friday 5/29 was a great balloon chasing adventure. All three balloons launched successfully into clear blue skies from Pittsford Mendon High School under the leadership of technology teacher Scott Banister. Middle school students came to see the experiments they designed (the high schoolers built the payloads for them) and danced and cheered and counted



down the launches. A drone filmed the launch and wowed the kids. Last year I helped the students

design their APRS tracking system, and led the hams on the chase to find the balloons on the ground. After last year's successful launch and recovery, this year they were trying for more elaborate payloads.



Each high altitude balloon (HAB) had a specific payload and mission. The largest balloon, N2JAC-1, had the smallest payload, to attempt a record altitude above 142000 feet. It went to about 127000 and was 48 feet in diameter before it burst. It landed on a deck only a couple of miles from the launch site, after traveling east to Lyons and west to Rush through various jet stream layers. With no parachute, we were concerned about its survival, but its line to the burst balloon remnants caught on a garage roof and kept it from hitting the ground too hard. The payload contained only the APRS tracker, a Byonics RTG with integrated transmitter and tracker, to keep weight to a minimum. The balloon had so much lift, they couldn't measure it with a conventional scale, and had to build their own custom balance from PVC pipes.

N2JAC-11 was a smaller size, designed to reach about 100,000 feet. Its high def camera was designed to rotate at burst to get a better view of the descent. The launch was fine, but unfortunately its APRS tracker, also an RTG, stopped shortly after launch, but we were able to track it with a SPOT hiking tracker for most of the journey. It ascended slower than planned, due to a possible leak or not enough helium to start with. It went northeast toward Sodus and even over the lake for a while before turning southeast toward Syracuse, and eventually back west and landing at Wayside Garden Center in Macedon.



N2JAC-9 had the experiment designed by the middle schoolers. They wanted to see what mentos and diet coke would do at a high altitude with low pressure and low temperatures. The high school students had to build the payload, and were concerned about the stability of the requested reaction, so they convinced their young customers that baking soda and vinegar would be a good substitute, and would be recorded with a Gopro camera. This balloon was the same size as -11 and the tracker was a Byonics Tiny Trak 4 and a Baofeng UV-3 HT. Delphi automotive, a major sponsor of the project, loaned a gas flow meter so the kids could precisely measure the helium into the balloon, so they could predict its lift and burst altitude more accurately. There was some panic at the launch when the APRS was not being received, and the radio and tracker were already sealed in for their journey. They had to pry open the container, and found the little HT was wedged in too tight, causing the PTT to stay on. It was quickly fixed and sealed back up for the launch. It ascended much faster than -11 and followed its predicted path closely, finally coming to rest high up in a tree in Clyde. We

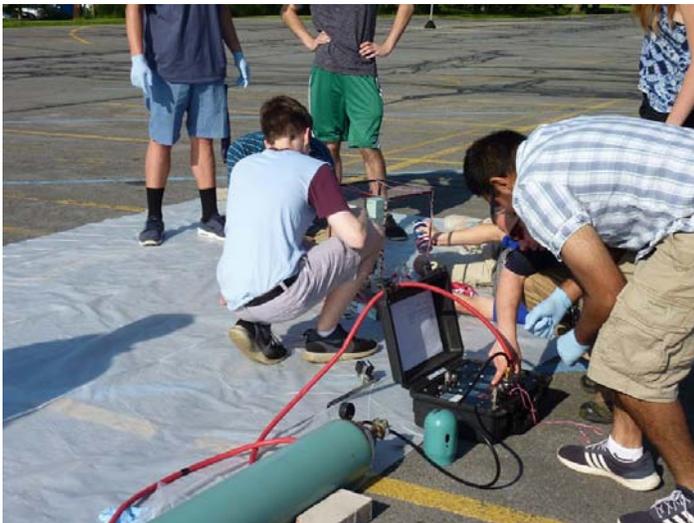
were unable to retrieve it, so it stayed up there for days, faithfully squawking out its location all night and through the next day until its batteries finally died. Two weeks later, Steve and I met Scott in Clyde where a logger felled the tree, bringing -9's payload finally down to earth. It got beat up on the way down from the tree, but the experiments and videos survived just in time for the kids to see their work with one day left of school.

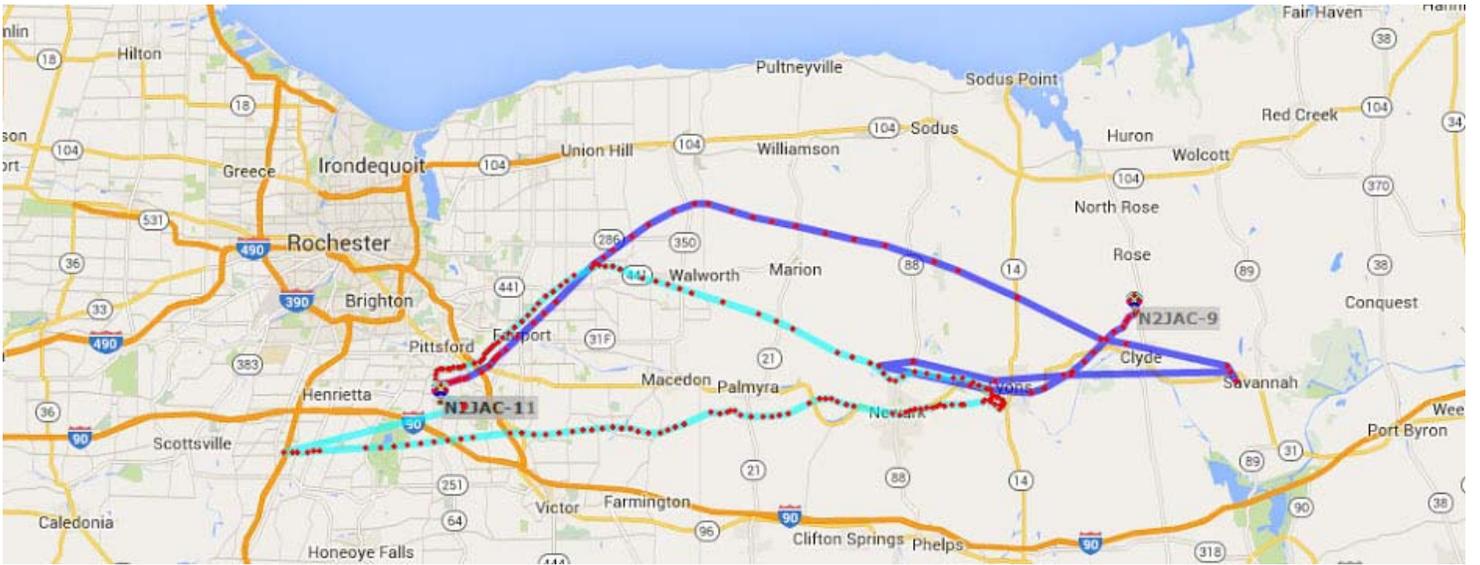
We installed a temporary digipeater in the school library using their permanent ARES/RACES antenna. Several ham teams were equipped for tracking and chasing. Steve, KA1CNF and Dave, KA2OQZ demonstrated their Yaesu fusion and Icom D-star digital radios for Cazenovia HAB teacher and new ham Chris, KD2GJE who was learning to use his Kenwood TH-D72. Mike, KD2EAT came from Ithaca with HAB experience with Olean schools, and his Kenwood APRS radios for tracking. I rode with a couple students from Team PVC, the group that built the custom scale. We had my Kenwood 710 mobile and D7 portable for tracking. Students could also track the APRS signals on their smartphones from <http://aprs.fi/#!mt=roadmap&z=16&call=a%2FN2JAC-1%2Ca%2FN2JAC-9%2Ca%2FN2JAC-11&timerange=604800&tail=604800>



Thanks to the work of the dedicated hams and their navigators that were willing to track the balloons, all were recovered and will fly next year with another class of students. The users of the 145.11 repeater were very understanding of our intrusion into their commuting rag chews, and many wanted to know what we were up to with all that chase talk. We also had a few followers on aprs.fi, even showing us the address of the deck -1 landed on with the google satellite view!

I would like to involve the kids more with ham radio, but it's difficult to round up enough hams on a weekday. I have a feeling the kids don't really know why ham radio is involved or even if it is, they just see us as a service to use like their SPOT tracker. Last year we had a ham at the school's mission control to provide net control services and so the kids could see ham radio at work. Next year I'd like to see more of the kids talking on the air, and possibly between schools if we can get enough volunteers.







License Classes Successful!

PAM KASPERKOSKI, W2PHK

The spring session of license classes finished up in May. More than 70 people were enrolled in license classes during the past year. Our enthusiastic and capable instructors spent many hours preparing and teaching. Many thanks to: Bill Kasperkoski WB2SXY, Tim Brown WB2PAY, Joe Hood K2YA, and Roy Wildermuth W2IT for their commitment. Thanks also to John Viggiano NV2K for assisting both Tech and General classes and Jim Stefano W2COP for procuring the rooms at RIT for our use. Guest speakers who volunteered their time included Jim DiTucci N2IXD, Jim Stefano W2COP, and Mike Rink W2HYP.

At least 19 new Tech licenses were issued and 29 upgrades to General or Extra were achieved. We are already compiling a waiting list for folks interested in the Fall session, which should begin sometime in mid-September. Announcements will be forthcoming in the August issue of the Rag and at the August RARA meeting.

We are always looking for classroom aides and future instructors and anyone is welcome to sit in and see just what the classes entail. Please contact Pam Kasperkoski (pamelakasper@frontiernet.net) if you are interested.

PEAK THE GRID

FOREST SHICK, WA2MZG

WOW – What a great year for RARA, our VE Team and our License Classes. We helped 85 people earn their Technician license, 36 with their General and 26 with their Extra.

Now we know some of these 147 people were upgrading their license and some earned their first amateur radio license. Think about it, 81 people passed their Technician license test and became hams for the first time this year. There were also a few who received their General or Extra license as their first ham license but I do not have all those statistics available to me.

We had similar great results for the 2013 / 2014 year: 62 Technicians, 31 Generals and 24 Extras for a total of 117.

First – CONGRATULATIONS to all of you who worked hard and earned your license or license upgrade. On top of work, school and / or family responsibilities you found time to invest in a new learning experience and hobby.

Second – THANK YOU to all the hams involved in the license classes and VE testing. Giving up week nights and Saturdays to share their knowledge, experience and skills.

A GREAT job was done by all – A fantastic accomplishment.

So now you have a ham license. Do you know what to do with it? Do you know how to set up a station? What equipment to buy? Who to seek guidance from? What about antennas, modes of operation, grounding, lightening protection – on and on?

We have over 500 members in RARA. Most have earned and learned (from experience) knowledge to share. You have to tap into this great resource. My first suggestion is to come to the monthly meetings, meet new people and ask questions. You have made an investment of your time towards amateur radio. That investment has paid off – you have your license. Now let's do something.

Your amateur radio license has opened a world of possibilities to you – explore that world. Communicate with people across town or in another country. Learn about RTTY, PSK31, SSTV, CW and other modes. Build your own equipment. The idea of designing your own equipment may intrigue you. Career opportunities may develop from your experience with electronics or from contact with people you otherwise would never meet.

I think I am a bit ahead of myself. You may not be on the air yet! I am sure many of you have a lot of basic questions on how to get started in the hobby so let's get to my second suggestion. Sometimes it is hard to get in front of a group of people and ask questions. You are thinking "they already know this stuff", I don't want to embarrass myself by asking silly questions. Of course you have heard that there are no silly questions.

So here is my second suggestion. Send me an email (WA2MZG@arrl.net) with your questions and I will attempt to facilitate getting them answered simply by asking other hams to step up and share their knowledge – become an Elmer. Maybe the answers will appear in the RAG or as a short discussion in a meeting.

You can only get your questions answered if you ask them. Try one of my suggestions and see what the results are. RARA is for new and old hams, experienced and inexperienced hams. Part of RARA's mission is to be an educational organization.

VE TEAM

We had 7 successful applicants in May and 29 at the Hamfest:

- 17 Technicians
- 10 Generals
- 9 Extras

The next session will be on September 19th at our usual location, RIT.

Wishing everyone a great summer and see you in the fall.

If you have any questions please contact Ken Hall ken@w2krh.com.

| | | | | | |
|------------------------|---------------|---|----------------------------|---------------|---|
| Robert Galory | KD2GHF | E | Kathryn Harvey | KC2IVK | T |
| Michael Hofer | KD2ISC | T | Ryan Huber | KD2IVL | T |
| Robert Johnson | KD2ISD | T | Howard Iko | WB2BQW | E |
| Linda Parkerson | KD2ISE | T | Heather Johnson | KD2IVM | T |
| Harry Ramos | KD2DWA | G | Joseph Kirkwood | KD2HDM | G |
| Arshia Sasson | KD2ISF | T | Patrick McJury | KD2IVN | T |
| William Ward | KA2EEX | E | Ralph Mc Nall Jr | WB2DCL | E |
| Aleksey Ablaev | KD2GNK | G | Corey Mogavero | KD2IVO | T |
| Justin Alessi | KD2IVH | G | Armondo Pietrocarlo | KD2IVP | T |
| Donald Anderson | KD2IVI | T | Joseph Ptaszek | N2STN | G |
| Jack Beatty | KC2ZKF | G | David Pfonner | KD2IVQ | T |
| Allen Carter | AC2QT | E | Francis Quinn Sr | KD2IVR | T |
| Todd Colvin | KC0QAH | G | Michele Raifsnider | KE8ASK | E |
| Chris Delle Fave | KC2YSO | E | Michael Ramaccia | KD2IVS | T |
| Steve Evans | KD2FDA | G | Siegfried Rambaum | KB2YVC | E |
| Mary Ann Friday | KD2IVJ | T | Mary Scherer | KE8BKQ | T |
| Daniel Harvey | KC2VJP | G | Ralph Stevenson | KD2ETF | T |
| Michael Harvey | KC2VJQ | G | Gary Stratton | KC2YTD | E |

New licensees names are in BOLD

RARA CALENDAR

Tim Barrett, K9VB

| ~ July 2015 ~ | | | | | | |
|--|-----------|-----------|--------------------------|--|----------------------------------|--|
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| | | | 1 | 2 NRAU 10M Activity Contest QRP Foxhunt | 3 | 4 Venezualan Indep Day Contest Marconi Memorial HF CW Contest |
| 5 Venezualan Indep Day Contest Marconi Memorial HF CW Contest | 6 | 7 | 8 SIARC 7.30pm | 9 RARA BoD Mtg 5.30pm QRP Foxhunt | 10 FISTS Summer Sprint | 11 RARA Picnic IARU HF World Championship SKCC Sprintathon |
| 12 IARU HF World Championship SKCC Sprintathon | 13 | 14 | 15 | 16 QRP Foxhunt NAQCC CW Sprint | 17 | 18 Batavia Hamfest NA QSO Party RTTY CQ WW VHF Contest |
| 19 RSGB IOTA Contest CQ WW VHF Contest | 20 | 21 | 22 | 23 QRP Foxhunt | 24 | 25 RSGB IOTA Contest County Hunters CW Contest |
| 26 RSGB IOTA Contest County Hunters CW Contest | 27 | 28 | 29 | 30 QRP Foxhunt | 31 | |

Print this calendar and leave it by your radio.

NEWS FROM AREA CLUBS

MONROE COUNTY ARES / RACES NEWS

The Monroe County Amateur Radio Emergency Service, Inc. holds its meetings on the fourth Thursday of each month. Anyone interested, members and non-members, are welcome to attend. The next ARES Meeting will be held on: **Thursday, June 25, 2015, at 7:00pm.**

REMINDER: We do not meet during the summer months of July and August.
The next ARES Meeting will be held on: **Thursday, September 24, 2015, at 7:00 PM.**



Meetings are held at the **Greater Rochester Chapter of the American Red Cross HQ, 50 Prince Street, Rochester, NY 14607.** (Located behind the Rochester Auditorium Theatre, 885 Main St. E.)

ARES NET: Monroe County ARES/RACES meets on the air every Thursday of the month at 8:00 pm, on the 146.61 MHz (-) 110.9 Hz PL repeater. The only exception to that are nights when we hold our regular meeting, generally on the 4th Thursday of the month.

WEB: www.monroecountyemcomm.org

Severe Weather Alerts: Summer often brings severe weather in the form of heavy rain, wind, hail, lightning and thunderstorms. If you experience any of these forms of severe weather, and especially when accompanied by damage to property in your area, listen to your local ARES/RACES repeaters for information. While official ARES/RACES activation could be a possibility, it is more important that we open a spontaneous net simply to share information about weather conditions in your immediate area. Don't wait for someone else to do it. Pick up the microphone and start a net. If you don't have a copy of the directed net protocol, you can find one at the WEB address listed above. (Activities/ARES Net/ Net Script/ Downloads)

NBEMS: Want to learn about Narrow Band Emergency Messaging System (NBEMS)? It's the latest and easiest way to "Go Digital!" Bring your laptop computer and 2-M handheld transceiver. We will conduct an NBEMS clinic after every meeting through June 2015.

ROCHESTER RADIO REPEATER ASSOCIATION, RRRRA

The Rochester Radio Repeater Association, RRRRA meetings are on Summer recess until September 18th. Meetings are held on the 3rd Friday of the Month. Meetings are held in the Pittsford Town Hall Basement starting at 7:30 pm. RRRRA's June meeting was the annual election of officers. RRRRA will post June's election results on RRRRA's web site at www.k2RRRA.org. Without board members RRRRA will lose its non profit status and will have to go out of business. Please consider for the future volunteering to becoming an officer or committee member of RRRRA. This club can't exist without members. Help keep Rochester's only non profit club dedicated to FM repeaters alive.

The 2014 officers are Bob Shewell, N2HJD President, Rob Bruno, KD2GCG Vice President, ED Wilkonski, KC2WM Secretary, and Joel Roszbach, N2EZV Treasurer.

SQUAW ISLAND AMATEUR RADIO CLUB, SIARC

The Squaw Island Amateur Radio Club (SIARC) meets every second Wednesday of the month at 7:00PM at the Ontario County Safety Training Facility, 2914 County Road 48, Town of Hopewell. We have License Exam Testing every other month which begins at 6:30PM with the regular meeting beginning at 7:30PM. There will be Testing at the July Meeting. The regular meeting will begin at 7:30PM 73's Steve Benton WB2VMR

DRUMLINS AMATEUR RADIO CLUB

ROCHESTER VHF GROUP

The Rochester VHF Group holds monthly meetings on the second Friday of the month between September and June. Meetings begin at 7:30 PM and are held at the Spencerport Wesleyan Church, 2653 Nichols St. (NY Route 31) in Spencerport. Visit our website www.rvhfg.org for details.

The Rochester VHF Group sponsors an informal On-Air Net every Monday at 2100 local time on 144.260 MHz USB and a 6 Meter Net every Thursday at 2100 local on 50.200 MHz USB.

More club information can be found by visiting www.rvhfg.org or just calling in any Monday or Thursday night. All are welcome to check in to these nets.

ROCHESTER DX ASSOCIATION, RDXA

There are no meetings in July and August.

RDXA Going for Fifth National Field Day 3A Championship!

Maybe we make it, maybe we don't, but the fun and enjoyment is in the trying! Curious as to what it takes? Come on up to **Webster Park** Saturday or Sunday, June 27th or 28th.



Turn in to the park at 999 Lake Road. You'll soon see the campground on your left, **but keep going straight** until you come to an open area. It will immediately be recognizable as a Field Day site! The 2 element 40 meter beam on the park flagpole is a dead giveaway.

We'll give you a tour of the 3 HF stations (1 PH, 2 CW), the K2TER VHF Rover, and the GOTA station. Remember, anyone can operate – see Gayle N2TWI to get on the schedule.

CQ FD W2RDX!

XRX AMATEUR RADIO CLUB

No meetings in July and August. Stay up-to-date via <http://xarc.us>

AMATEUR RADIO ASSOCIATION OF THE SOUTHERN TIER

A.R.A.S.T is still looking for communicators for the Wineglass Marathon Sunday October 4, 2015. As was mentioned earlier this is a 26 mile run from Bath to Corning. Any one wishing to help out with this event is encouraged to contact emergencycoordinator@arast.org. With over 6000 runners this year, we can use all the help we can get.

Don't forget the Elmira Hamfest coming up September 26, 2015. That's the last Saturday in the month of September. Presale tickets will be available at the September meeting of RARA at a cost of \$6.00 per ticket (\$8.00 at the gate).

Is There A Hamfest In Your Future?

Elmira Hamfest, September 26th

FOR SALE - ALMOST

Four years of DXing has left me with a fat envelope of foreign stamps, free to anyone who wants them. Contact Jay K2JSG at jgolden577@rochester.rr.com

FOR SALE

Kenwood TS2000 HF/VHF/UHF (mint condition)
Cushcraft 2-M 13B2 antenna
Cushcraft 432 17B2 antenna

All about a year old and VGC+, and on the air! Asking \$1300.00 Net total all 3 items.
Please contact Shane (716) 867-9008 wb2wpm@arrl.net

THE AMATEUR'S CODE

Originally written by Paul M. Segal, W9EEA (1928)

THE RADIO AMATEUR IS:

- CONSIDERATE** Never knowingly operating in such a way as to lessen the pleasure of others.
- LOYAL** Offering loyalty, encouragement and support to other amateurs, local club, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
- PROGRESSIVE** With knowledge abreast of science, a well built and efficient station and operation beyond reproach.
- FRIENDLY** With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
- BALANCED** Radio is an avocation, never interfering with duties owed to family, job, school or community.
- PATRIOTIC** With station and skill always ready for service to country and community.

VISIT THE RARA WEBSITE!

Did you know that your club's website (www.rochesterham.org) offers these features and more?

- Photos of meetings & events (you might be in there!)
- Info on upcoming meetings/programs
- Rochester Hamfest information!
- Online membership & renewal
- Track and redeem your Reward Points
- Public service info & sign-up
- VE testing info
- Back issues of the *Rag* in PDF
- Officer contact
- List of past presidents
- Online membership directory
- Order RARA logo products
- Useful Internet links
- Ham Radio 101 – tons of tutorial info, plus net & repeater listings



RARA MARKETPLACE

Your commercial ad could be here! The RARA Rag can help spread the word on your business at very reasonable rates.

Contact us for details at editor@rochesterham.org.

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For more information: Editor@RochesterHam.org

RARA OFFICERS

OFFICERS

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| | | |
|--------------------------------------|--|--|
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AUGUST RAG DEADLINE

JULY 15, 2015



RARA meets at 7PM on the
first Friday of
each
month;
come join us
at:

PICNIC - NO MEETING

Henrietta Fire Co. #1

Rochester Area Repeater Listing

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