



the RARR RAG

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NO. 1

WELCOME WELCOME

To all the present members and to all past and future members of the Rochester Amateur Radio Association, Welcome to the 1994-1995 business year. I am Roger Harnaart, WB2BWQ, your President for the year. Along with all the other incoming officers I look forward to seeing you at the September meeting, and hopefully, at all the others also.

RaRa has an interesting schedule of meetings and programs lined up for the coming months. Chris Reich has a Fast Scan TV expert all set to tell us how to do it, in September. Bigger and better "awards" will be provided. Come and see all the gang you haven't seen since last May.

If you are not a member, think about joining us. We have an informal meeting and program where you should feel right at home. You are sure to find someone who has the same interests as you. Maybe you can find the answer to the problem which has you stumped.

Also coming up during the year are the Auction, the Winterfest, another outing in the works and the picnic.

Come, join us in another informative, fun filled year of Amateur Radio activity. See you at the fire hall on East Henrietta Road, on September 9th.

-- Roger, WB2BWQ

KELLEY DOES IT AGAIN

The May meeting was alive with memories of the good old days of Amateur Radio, thanks to Bruce Kelley. He kept the audience interested with his commentary and slides of sometimes forgotten equipment and incidents.

You know things are going right when the audience joins the speaker in telling the story. That's just what happens when Bruce does the program. Thanks, Bruce, for a lot of memories.

If you missed the May meeting, keep your eyes on the RAG because we may be able to talk Bruce into coming again. Then you too can enjoy one of his programs.

MEETING NOTICE

September 9, 1994

Henrietta Fire Hall
3129 East Henrietta Road
8:00 p.m.

Subject: AMATEUR TV

ATV IN ROCHESTER!

Our first meeting for the season offers a special treat from George Lloyd, N2UIO. George no sooner received his ticket than he started to build his ATV station. He will show a working ATV station at the meeting, and discuss some of the technical aspects of putting an ATV station together. With today's off-the-shelf technology, it is surprisingly easy, so much so that it is embarrassingly simple to receive ATV! Wanna see how? Join us at the first get-together on September 9, at the Henrietta Fire Hall. You will be glad you did!

SILENT KEYS

RICHARD H. FLINT
W2EDE
May 9, 1994

MORTON BRODSKY
KA2PEL
July 8, 1994

ALBERT S. KELTZ
W2TXB
July 12, 1994

RaRa's CLUB STATION

The club station located at 111 Westfall Road adjacent to the Monroe County Emergency Operations Center was reestablished in 1972 during and after Hurricane Agnes in 1972. The station had its new beginning with the purchase of the first piece of equipment about 1973, a Heathkit HW-16. Shortly before this, work had begun on the van that was operated for several years and saw service during Hurricane Agnes. The van was equipped with an old Motorola T-43 trunk mount transceiver retuned for 2M and operated on 146.88. The van was eventually equipped with HF and 6M and carried a 30' and a 50' telescoping tower.

The base station was originally installed at 350 East Henrietta Road and was relocated to 111 Westfall when the Office of Emergency Preparedness was relocated in the early 80's. If you wanted to see an interesting part of the move, you should have seen the tri-band beam being carried down the middle of Westfall (still assembled) and then hoisted to the roof. It was nice that it was done on a Sunday morning and traffic was light.

The station has seen tremendous growth over the years with the development of computers and packet. The station has grown from the HW-16 to where it now includes two HF stations, 4 VHF stations, 2 UHF stations, 2 complete packet stations and 2 computers. We also furnished and maintain a 2M station and a packet station at the National Weather Service and at the Red Cross disaster office. We are also in the process of installing a new packet node station in cooperation with the Rochester Area Packet Society. We have several other pieces of equipment such as portable generators, a portable packet, several ht's, 3 collapsible towers and miscellaneous antenna.

The station has seen much rebuilding, relocating equipment, adding equipment and attempting to maintain everything at the same time during the past year and a half, sometimes with little success. Sometimes it seems that it's one step forward and 2 steps back. The work was progressing quite well and then this last spring the county informed us that the roof would be replaced. This required the relocation of all the coax that was on the roof so that it would not be in the way of the work. We finally relocated all the coax and just recently we coiled the dipoles so that they were out of the way of construction. When the roof work is complete we will reinstall 2 40/80M trap dipoles. We also moved the antenna, anemometer and temp sensor for the weathernode station located in Penfield to

SEPTEMBER CALENDAR

- 9 - RaRa Meeting - Henrietta Fire Hall
3129 East Henrietta Road - 8:00 p.m.
- 17 - Buffalo Hamfest - Buffalo, NY
- 24 - RaRa VE Testing - 111 Westfall Road
8:30 a.m.

a different tower and the equipment to a new building at the same site.

The funds for the purchase and maintenance of the station come from three sources. They are, The Rochester Hamfest, K2JD Engraving and Local, State and the Federal Government. The Hamfest has supported the station for several years and K2JD Engraving has supported it since it began in the early 70's. The governmental agencies have supported it since the requirement for the R. E. Ginna Nuclear Evacuation Drill became a requirement for the operation of a nuclear plant.

The next time you go to one of the area hamfests and see K2JD Engraving, remember the hours of dedicated service that these people have spent to create the station. Remember that they do this with no **reimbursement** other than the satisfaction received from having a **super station**. Remember also the work that it takes to organize and present the Rochester Hamfest.

FOR SALE - Wilson System SY33 Beam 10-15-20 meters, full size, full power, new stainless hardware - \$125.00. 6 meter amplifier 30w in, 100 w out - \$125.00. WA2ZNC, Len, 229-5470.

FOR SALE - TA33 - one year old - \$200.00; HD73 - one year old - \$50.00; Wilson 45 ft. Crank Up - \$300.00. Contact Ron Zimmerman, W2MPI, 889-3703.

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SPECIAL GIFT MEANS A NEW AMATEUR RADIO CLUB

Spencerport High School students have received equipment enabling them to set up an amateur radio club. According to Keith Freeberg, president of Rochester Amateur Radio Association, Inc., (RaRa) "an older hobbyist from the Rochester area wanted to put his older radio equipment to use and donated it to Spencerport". Freeberg explains nobody knows exactly why, but amateur radio operators are called hams, and there are some exciting opportunities waiting for Spencerport hams and would-be hams in a science department office at the high school.

What does it take to get started in Amateur Radio? You need a license and a station – radio and antenna. John Gilly, a Spencerport parent and twenty-year licensed ham operator, whose sons attend the Leo Bernabi elementary school, made the connection with RaRa that enabled the gift of equipment to come to Spencerport. Licensed advisors and organizers were pleased when Spencerport resident and graduate Jeff Tewksbury donated an antenna to complete the station set up.

"The real reason I got involved with starting the radio club is that I felt if I helped to enhance the

quality of education opportunities with my skills, it would have a direct benefit to me and my family and create more ways for others to be involved in areas of their special interest", Gilly said. He points out that the club provides an entirely new learning experience for kids and adults to share. "It's also a chance for adults in the community who have never been hams to learn about amateur radio, possibly through a course in continuing education", Gilly said.

Spencerport High School science teacher and faculty advisor to the club Al Pogue says considerable interest in the new club has been expressed by students and staff at the middle and high school. "There are lots of reasons for having a club like this", he says. "Public service is one of the biggest. Hams are almost always involved with the reports from the scenes of disasters and they work closely with agencies such as the National Guard and the Red Cross, putting people in touch with world events as they happen. Through listening and broadcasting, the club will provide unique opportunities for learning languages and for communication experimentation", says Pogue.

Amateur radio enhances international relations, enabling hams to be in daily contact with friends anywhere in the world, and offers regular on-the-air-meetings or "nets" centered around vocations,



Setting up the new Amateur Radio Club equipment are (l-r) Jim Faux, Keith Freeberg, Al Pogue and John Gilly, WD4RDZ.

interests in different languages or different hobbies. At the other end of the radio a ham might be talking to an astronaut in space, a homesteader in Alaska, a US legislator, a missionary, a camper in Canada, a student in Wyoming or a sailor on board ship in the middle of the Pacific!

For the technically inclined, this mode of communication can involve Morse code and voice, teletype, FAX and packet communications with radio, television and computer equipment.

Assistant Superintendent for Business Dr. James H. Faux is helping with the club, too, and has been a ham for many years. "We hope to create a permanent station in the high school that will attract local volunteers and people interested in learning about amateur radio", says Faux. "We hope Spencerport hams will come to see the station and participate in this educational venture".

The Rochester Amateur Radio Club is 65 years old and has 800 members. They are part of more than 3,400 hams in the surrounding five county area and more than 200,000 hams worldwide.

Amateur Radio Handbooks are available to students and staff in the middle and high school libraries.

RaRa CODE AND THEORY CLASSES START SEPTEMBER 19th

RaRa is pleased to announce the formation of its Fall 1994 code and theory classes for out 38th year of teaching. Classes will be offered for Novice/Technical, General and Advanced.

If you are interested in the General and Advanced class please call ahead of time and leave a message on the RaRa phone. The number is 442-0587.

Fall registration will be held at 111 Westfall Road at 7:00 p.m. The first session will start after all are registered. The classes will normally be starting at 7:30 p.m. and last until 9:30 p.m. each Monday evening until December 5, 1994. A testing session is planned for December 12 for the Novice and Technician students.

The total cost for the 12 week program including registration is \$14.00 for the Novice and Technician and \$10.00 for the General and Advanced. If you are not a current member of RaRa please add \$6.00 if unlicensed, and \$10.00 if you are currently licensed, to the above figures. This will cover your membership in RaRa.

Our teaching team looks forward to seeing you on September 19th. See you there.

THE RaRa RAG YEARS AGO —

by Ed Gable, K2MP

20 YEARS AGO — SEPTEMBER 1974

The 74/75 RaRa season got off to a start with an interesting program introduced by Vice President, Bill March, WA2CER. Talking on Monroe County's new police communications system was Len Gessin, WA2ZNC, at the Farm and Home Center meeting hall. President, Joe Hood, K2YAH, revealed plans for 1995 including code and theory classes and OSCAR demonstrations to high schools using the new RaRa van. Continuing their support of the RaRa classes was Bob Lauzon, WB2NSD, for code and Dave Hasset, K2SQI, on the theory. K2JD Engraving announced a price reduction for members at \$1.25 per call badge. A new advertisement appeared for Jerry Fink, Inc. (W2TTQ) who carried Hy-Gain and Cushcraft "As near as your Phone". A 300 watt A.M. transmitter could be had for \$150 from Orv Bauer, W2TEX.

40 YEARS AGO — SEPTEMBER 1954:

Tradition continues with the showing of Field Day movies and slides for all who missed or want to reminisce the big event. A good show it was as RaRa member Bob Haner, W2FBA, with W2JBQ, took first place honors Nationally in the "B" Section of the 1954 Field Day contest. 1954 Officers and Board Members, in the usual order, were: W2TEX, W2PFI, W2RUJ, and W2YUE with Board members: W2SAW, W2CZT, W2ZEL, W2ZEB, W2CTA and W2ALL. RDXA News reveals nice summer DX with locals working FK8, VR3, FO8, ZD2 and FC8. On the CD front, Linc, W2QY, reported that Air Raid Shelters are now equipped with 10 watt Motorola FM rigs on 145.440. The Rochester Mobile Club, reported by K2ACO, reports all had a great time at a joint meeting and picnic with the Buffalo Mobile Club. It was reported that over the summer Ken, W2UAD, simply said "I Do" and produced an XYL! Rochester Radio Supply, corner East and University, remains a long time advertiser.

ARRL WAS AND VUCC AWARDS

The very popular ARRL Worked All States (WAS) and VHF/UHF Century Club (VUCC) awards are now available through RaRa. You may now have your precious QSL cards for these awards approved locally without having to send them to ARRL Headquarters in Newington. Contact Ed Gable, K2MP, at a meeting or call evenings at 392-3088.

BUFFALO HAMFEST CELEBRATES 5th YEAR AT ERIE COUNTY FAIRGROUNDS

HAMBURG, NY – The 5th annual **Buffalo Hamfest and Computer Show** returns to the Erie County Fairgrounds Saturday, September 17, 1994. As one of the largest amateur radio conventions in the region, the Hamfest draws crowds of over 2,500 people from New York, neighboring states, and Canada every year. Because of the dramatic attendance growth, we have moved to the new International Agri-Center building. The move to the new larger building will permit programs and volunteer examiner testing to be conducted.

Tickets are \$5.00 each available at the Erie County Fairgrounds South Park Avenue gate on hamfest day. Flea market tickets are \$5.00 for each 10 x 20 foot parking space occupied. Gates open at 6 a.m. for flea market setup and operation. The exhibits building will open at 8:30 a.m.

The **Buffalo Hamfest and Computer Show** provides a wonderful meeting ground for those interested in amateur radio and computers.

The **Buffalo Hamfest and Computer Show** is operated by the hamfest committee of the Rochester Amateur Radio Association.

– Editorial de *WB2DYJ*

The July 1994 issue of **MOBILE RADIO TECHNOLOGY** (an industry journal) contains an editorial by Don Bishop, in which he notes that there is an increasing number of state and local governments “*flexing their muscles*” by taking it upon themselves to regulate radio communications. Such regulations have been mainly limited to antenna height restrictions and use of radio receivers (remember the idiotic New Jersey scanner law?). Mr. Bishop claims that the next step may be state and local regulation over “*radiation*”, which could well mean radio transmitters.

While many have long considered the federal government the exclusive authority over radio, in the form of the FCC, it occurs to this writer that jurisdiction may not be all that clear. Congress created the FCC by exercising their Constitutional authority “to regulate interstate commerce”. On the other hand, authorities not specifically granted Congress by the Constitution are reserved to the states, or to the people (10th Amendment). One could make arguments on both sides as these matters apply to amateur radio. Certainly, ama-

teur radio does not engage in “interstate commerce”; (interstate yes, commerce no). Therefore one could argue (and it has been argued) that Congress, through the FCC, has no jurisdiction over services such as ours. Should the state been given exclusive jurisdiction, on the other hand, we could have chaos; potentially 50 different sets of regulations to which amateurs must comply, depending on their residence.

It seems unlikely that the issue will be resolved anytime soon; certainly there are more important items on the national agenda. Meanwhile, it would be prudent for us amateurs to keep advised on any pending legislation that affects us, and make our feelings known to the appropriate legislator(s). If you are not sure who they are (there are a lot of them to keep track of), you can call the League of Women Voters, or the headquarters of a political party in your county.

WANTED – Collector willing to pay for older tube type communications equipment. Please call for an offer to Ed Gable, K2MP, at 392-3088.

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TO ALL YL'S

For some time I had planned to write to you to let you know the number of YLs is growing. Congratulations and welcome to all the new YLs.

I will try to find out the YLs who pass the test, welcome them and tell them of the many nets we have every week.

So, don't feel alone. Get your feet wet and come on the nets whenever you can. Say "Hello". We all are glad to have you. The YLs are important and can be part of the many facets of Ham Radio. Look in "QST" (if the OM will let you, hi) and listen to the nets. I will gladly send you a list if I get your address or call me at 254-3610.

Don't wait! Now, while all is fresh in your mind is the best time to join YLRL, The YOUNG LADIES RADIO LEAGUE, and SAYLARC, The SECOND AREA YOUNG LADIES RADIO CLUB. Also, try to upgrade to give yourself more privileges, you will feel great satisfaction when you do.

We also have a program to adopt a DXYL, a great way to start a wonderful friendship with a person in a distant land, and often the possibility to meet them in person while traveling or at a convention. The YLRL has planned the next convention in Albany in 1997. Lets find out what we can

do to make this event successful and have a great time too.

For the YLs who like to travel, the German YLs are planning a meeting in Berlin in 1996. If you need info on this meeting, please give me a call. I don't have an answering machine because I like to talk to YOU about the YL activities.

33 is a greeting coming from one of our own, Clara Reger, W2RUF, now a SK. It means: Love and friendship between YLs.

Here is a special word for the OMs. Each year, in February, there is a YL-OM contest on CW and SSB. With more than 800 members in RaRa there should be more than 2 or 3 contacts with local Hams. You would make us YLs happy by giving us a few points.

Thank you for listening and 88 OMs.

-- de Lia Zwack, WA2NFY

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O'Neil Associates Building on corner
Right on Canning Pkwy to Ramsey Building

From Southwest areas
Take Rt. 64 to Mendon 4 corners (Rts. 64 & 251)
East on Rt. 251 2 miles to Canning Pkwy

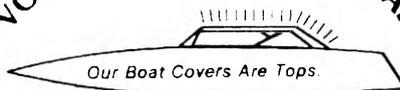
Ramsey Electronics, Inc.
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Phone 924-4560 Fax 924-4566

FOR SALE - Drake TR-4C transceiver, AC-4 PS and matching MS-4 Speaker. 300 W PEP input SSB. Very clean. \$400.00. Drake DC-4 13.8 VDC PS mobile PS for TR-4C or Drake C-line units. \$125.00. Rick, WA2RBO, 716-621-7583.

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PUBLIC SERVICE

This is a note to all of you that have never participated in any of the many Public Service events that are served by the local amateurs. You may not know it, but there is no requirement for membership in any club for any event other than the Ginna Nuclear Drill. This does have a requirement that you be a member of RACES because of the security measures required by the Federal Government. Any of the other events merely require your willingness to serve the public. They also are the best form of training in the event of a real emergency.

If you would like to volunteer your time, whether it be for a hour or a morning or a day or two, there is always a spot for you. You can contact any of the local clubs for more info or call RaRa anytime. We will be happy to furnish you with a list of the events that we have. You can also contact any of the other clubs for those events that are not coordinated by RaRa.

Think about it - try one event, it may lead you on a path that you can really have fun with.

FOR SALE - 486 SX-33 Processor - never used - \$80 or B/O. Neal, WB2EKP - 359-2672.

AMATEUR RADIO NEWS RELEASE

The FOUNDATION FOR AMATEUR RADIO, INC. is pleased to announce the 1994 winners for the fifty (50) scholarships which it administers. The names of the recipients for the individual awards appear on the attached list.

These scholarships were open to all Radio Amateurs meeting the qualifications and residence requirements of the various sponsors, The FOUNDATION is a non-profit organization, incorporated in the District of Columbia, representing more than fifty clubs in Maryland, the District of Columbia and Northern Virginia. It is devoted exclusively to the scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

Announcement of our 1995 awards will appear in the March or April issues of the major Amateur Radio publications and radio club newsletters.

FAR Scholarships
6903 Rhode Island Avenue
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NOTE: The only New York winner is Douglas P. Regulinski, N2QAN, of Stony Brook, NY, who won the Leo Meyerson Family Living Scholarship.

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