

The RARA RAG

Published by

The Rochester Amateur Radio Association

INCORPORATED

VOL. ~~34~~ 35

SEPTEMBER 1982

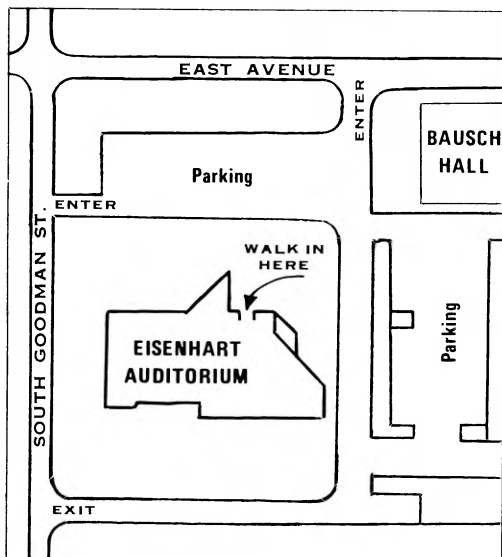
NO. 1

RaRa MEETS SEPTEMBER 10th "TACTICAL ACCIDENT REDUCTION"

The first RaRa meeting of the new season will take place Friday, September 10th, at 8:00 p.m. in the lower meeting hall of the Eisenhart Auditorium of the Rochester Museum and Science Center. This is located near the intersection of East Avenue and South Goodman Street (the southeast corner). Enter via either driveway off Goodman. Parking is available in the lot immediately in front of the auditorium, or at the west side of the museum building. Enter through a side door to the right and rear of the main entrance.

To start this year off, representatives from the "Sheriff's Tactical Accident Reduction" unit (STAR) of the Monroe County Sheriff's Department will present a program on the operation of police radar equipment and breath-analysis equipment.

Also, don't forget about the annual mad-rush to pay dues, all the information about what's going on in Rochester hamdom, the awards, and finally, but most important, the refreshments! Don't miss this chance to see everybody you haven't seen since the Hamfest.



UPCOMING HAMFESTS

ELMIRA—Held September 25th at the Chemung County Fairgrounds at Horseheads, New York sponsored by the Elmira Amateur Radio Association from 6:00 a.m. until 5:00 p.m. Call in on 146.52, 146.10/70, 147.96/36. Admission tickets in advance are \$2.00 each, \$3.00 at the door. Everyone is welcome to enjoy the technical talks, dealer displays, QSL Contest, flea market, etc.

HAMBURG—Held Friday September 10th from 6 to 9 p.m. and Saturday September 11th from 7:00 a.m. until 5:00 p.m. at the Erie County Fairgrounds located on Route 62, South Park Avenue and sponsored by four clubs; Radio Association of Western New York, South Towns Amateur Radio Society, Amateur Radio Association of the Tonawandas, Buffalo Amateur Radio Repeater Association. Send all ticket orders to Mr. Dave Baco, WA2TVT, 130 Vegola Drive, Checktowa, New York 14225. For talk-in contact W2EUP/R 146.31/91 mHz.

DIABETES BIKE-A-THON SEPTEMBER 19th

by Stan Zack, KA2U
Amateur Radio Safety Coordinator

The Diabetes Bike-A-Thon this year is scheduled for September 19th from 12 noon to 5 p.m. The route is essentially the same as last year's, that is in the Pittsford-Fairport area.

Your help as an Amateur Radio operator will be appreciated. If you would like to participate, call me: at work - 263-6116 weekdays from 8 a.m. to 4:30 p.m., or after 5 p.m. on weekends at home - 342-8775. All help will be greatly appreciated.

SILENT KEY

MILTON R. METEYER, WB2QYK

August 3, 1982

The RaRa RAG

Published by

The Rochester Amateur Radio Association
INCORPORATED

P.O. Box 1388, Rochester, NY 14603

Editor..... Ronald J. Jakubowski, K2RJ
446 Cedarwood Terrace, Rochester, NY 14609 (716-482-6308)

Associate Editor..... Dwight Hill, K2KWK
265 Norcrest Drive, Rochester, NY 14617 (716-544-2332)

Advertising Manager..... Frank Pollino, K2OS
149 Whittier Road, Rochester, NY 14624 (716-594-0502)

VOL. 34 SEPTEMBER 1982 NO. 1

OFFICERS:

President: Ed Holdsworth, N2EH 624-1929
Vice-President: Bill Thiel, K2KGE 442-3111
Secretary: Al Goss, K2SPO 482-3353
Treasurer: Gil Chapin, WB2UTI 426-0731

BOARD OF DIRECTORS:

Don Drennan, W2EBF 671-3366
Irv Goodman, AF2K 671-4430
Ron Jakubowski, K2RJ 482-6308
Alan Komenski, AC2K 248-8286
Harold Mundy, KD2K 352-4212
John Schooley, K2NC 225-3626
Harold Smith, K2HC 225-5260

Club Historian: Bruce Kelley, W2ICE
Licensing Course Director: Edwin Holdsworth, N2EH
Membership Chairman: Irv Goodman, AF2K
Public Relations Director: James O'Brien, K2UDP
Hamfest General Chairman: Harold Smith, K2HC
K2JD Engraving Director: Robert Lauzon, K2RL

The RaRa RAG (USPS 605-440) is published monthly except July and August by the Rochester Amateur Radio Association, P.O. Box 1388, Rochester, NY 14603. Subscription price \$1.00 per year (included in \$6.00 annual membership dues). Second class postage paid in Rochester, New York. Full permission is granted for reprinting articles provided a credit line is given to the RaRa RAG. The RAG exchanges with other organization's publications.

HARVEY'S HAM

KB2LB

Caledonia, NY — 538-4750
3154 State Street

TEN-TEC — DENTRON
new and used

SUPER LOW PRICES

We will sell your used gear for you.

PRESIDENT'S COLUMN

by Ed Holdsworth, N2EH

Since this issue of the *RaRa RAG* is sent to all licensed Amateur in the Rochester Metropolitan area, I am taking this opportunity to point out the various benefits that are available through RaRa.

1. The *RaRa RAG* is published monthly from September to June and helps keep you up to date on current legislation, current activities on the local level and helps keep you abreast of activities that you may want to take part in, such as public service activities, social activities, license classes, etc.
2. RaRa sponsors the Rochester Hamfest - held in May each year and provides the largest flea market in the Northeast, brings vendors of all the major brand equipment to our area, makes possible the administration of F.C.C. exams without the long drive to Buffalo and gives everyone the chance to listen and talk with National representatives of Amateur Radio.
3. Provides for the use of all members a club station equipped with state of the art equipment on H.F., VHF and UHF bands. This station is made available on a 24 hour - 7 days a week basis for all members.
4. The club directory which lists all Amateurs in the Rochester Postal area both by call and alphabetically by last name.
5. The club sponsors a family picnic each year in June for members and their family at no charge.
6. An opportunity to attend monthly meetings and enjoy the program, refreshments and meet members of the local Ham community.
7. Sponsors Licensing courses twice a year for Novice and Technician/General and once a year for Advanced Class.

As a member of RaRa - you can enjoy the benefits of belonging to one of the oldest and largest Amateur Radio Clubs in the country. This is all provided at a dues rate of \$6.00 per year which has remained unchanged for several years. We would like to see you at one of our meetings - whether you are a member or not. Try us - You may like us!

ESTATE SALE - Station consisting of Drake TX4B/R4B, MS4 Power supply; Kenwood TR-2500; Test gear, coax and accessories. Available September 18, 9 a.m. to 2 p.m. at 1576 Lehigh Station Road, Henrietta. Estate of WB2QYK.

WANTED: PROGRAM IDEAS

by Bill Thiel, K2KGE, Vice-President

At the start of every RaRa year, it is traditional for the Vice-President to say: a) We've got some great programs lined up, and b) If there's anything you'd like to have presented, just ask. Tradition not broken, it should be further noted that *some* programs (but not all) are lined up at this point and just asking doesn't guarantee it will be done (*we are* discreet). But for me to get ideas about *your* interests, come see me at the meetings and make your suggestion; believe me, all will be welcomed.

MEMBERSHIP RENEWAL TIME!

by I. J. Goodman, AF2K

With the arrival of fall and a fresh new RaRa season, this also means that membership renewal time has rolled around once again. Everyone is encouraged to renew promptly either at the meetings or via mail. When renewing in person, having your pre-printed application form you received in the mail, properly signed and dated, will help speed processing. Again, there is no increase in dues this year. Currently, association membership stands at an all-time high of 869.

Following last-minute updates and additions secured from various sources, it is anticipated that the 1982-83 Club Directories will be ready for distribution at the November Auction meeting. If you were omitted from the listings in the past, or have knowledge of typographical errors or inaccurate information that has not previously been brought to our attention, kindly submit such information as soon as possible to Helen M. Smith, WA2YRH, 153 Mason Avenue, Rochester, NY 14626. Let's everyone endeavor to make our Directory as accurate and up-to-date as possible.

Still looking for that new gold and green RaRa T-shirt in your size? A fresh supply will be on hand at the September 10th meeting. Still only \$4.00. Come and get 'em!



ELECTRONIC CENTER

937 Jefferson Road
716-424-2560

WE DON'T SELL JUST HEATHKITS

**30% — OFF SALE
NOW IN PROCESS**

SEPTEMBER RAG CALENDAR

- 8 — October RAG deadline
- 10 — September RaRa meeting, 8 p.m., lower meeting hall of Eisenhower Auditorium, at the Rochester Museum and Science Center, East Avenue, at S. Goodman
- 11, 12 — September VHF Contest
- 11 — Hamburg Hamfest, 7 a.m. - 5 p.m., Erie County Fairgrounds
- 17 — Rochester VHF Group meeting, 8 p.m., Harris-RF Communications, 1700 University Avenue
- 21 — RDXA meeting, 8:15 p.m., Colonial Hotel, 1129 Empire Boulevard
- 24 — RRRRA meeting, 8 p.m., Pittsford Town Hall
- 25 — Elmira Hamfest, 6 a.m. - 5 p.m., Chemung County Fairgrounds, Horseheads, New York

LICENSE CLASS

by Ed Holdsworth, N2EH

The fall semester of the RaRa license class will commence on Monday, September 20, 1982, beginning at 7:30 p.m. at the Social Services Building, 111 Westfall Road (corner of West Henrietta Road) in the first floor auditorium. The classes will include both Novice and Technician/General and will cover theory, regulations and code. The cost for the courses will be:

Novice	\$8.00 (includes Registration 3.00 Book 2.00 and Assoc. Membership 3.00)
Tech/Gen	\$13.00 (includes Registration 3.00 Book 4.00 and Club Membership 6.00)

You may register at the September meeting or send a card to: Ed Holdsworth, N2EH, 518 Parish Road, Honeoye Falls, New York 14472 with your Name, Address and Phone Number. All fees will be collected on the first night — *Please, DO NOT send any money in advance.*

WESTERN DISTRICT NET USES SIMPLEX FREQUENCY

The Western District "Traffic" Net, which normally meets each evening at 9:30 p.m. on the 146.04/64 Weathersfield repeater, will test emergency preparedness on the last Sunday of each month. At that time the WDN will utilize 147.42 simplex with Net Control in Rochester. Give it a whirl, check in.

CLUB STATION

by Ed Holdsworth, N2EH

Last December we relocated our station to a new location at 111 Westfall Road. This move was required due to the relocation of the Office of Emergency Preparedness. Since that time, considerable work has been done and I now can say that all equipment is back in operation. The most significant addition is the donation by Russ McKay, WA2CBU, of a Curtis System 4000 Ham Computer. This installation in addition to the installation of a new antennas, repairs to the H.F. antenna, the completion of coax runs and the installation of a new Card Key System for access took place on August 11, 1982 when a work party was held to accomplish these tasks. Those that assisted included: K2MP, AC2K, WA2UGE, KA2NHP, WB2ZJY, WB2UTI, WA2SOK, KA8IGS, WA2NFY, KA2JRK, WA2LUE, AF2K (ZB2EN), N3BNE, K2SPO, W2WPF and N2EH.

The new Card Key System will again afford access to the station on a 24 hour - 7 day a week basis. The system will consist of the station Photo ID card which you receive when you are checked out on the station equipment and a new Card Key. The Card Key will be available at meetings for \$1.00 (to help offset the cost of the lock). They will be available from the membership Chairman upon renewal of your membership and the presentation of your Station ID. If you have any questions - contact any Board Member.

COP'S CORNER

by Howie Davies, RPD, N2CUN

Good News! The overpass on RT 590 - Bayview-Norton Street will be completed in October and the entire stretch of RT 590 should be completed by Christmas. What a Christmas present for those traveling to work on the East side!

For all to the hams who live in Irondequoit in the Ridge-Culver and Laurelton fire districts - you now have a volunteer ambulance service. Keep these phone numbers handy: Emergency - 544-7020 and 544-7029; Business - 544-5112. Yours truly is also involved as instructor for dispatchers, director of vehicle maintenance and on the Board of Directors. We need more folks to get involved as medics, drivers and dispatchers. For more information, call the business number.

Finally, please inform me at the next RaRa meeting what you would like me to follow-up on or discuss in this column. I need your input! 73 from badge #347 (126 more paydays to go!)

PUBLIC SERVICE

by Ed Holdsworth, N2EH

Since the last issue of the *RAG*, we have participated in several Public Service events. In June we were active in the Susquehannock Pro Road Rally, Mendon Pony Club Rally, Scotch Bonnett Yacht Race, Corn Hill 10K Run, Western New York Regional Pony Rally, Hamlin Beach Triathlon and the Empire State Games. I want to extend my thanks to all of you that made these events successful.

Coming events include Canaltown Days in Palmyra, a Bike-A-Thon and possible involvement with a Formula Race Car event in Watkins Glenn. If you are interested in any of the above, contact - Bruce Blair, WB2QKO, for Canaltown Days; Stan Zack, KA2U, for the Bike-A-Thon or Ed Holdsworth, N2EH, for the event in Watkins Glen.

If you think you might be interested in working on any event during the year - send me a card and I will add your name to the list. In this way if you are not at a meeting or do not receive a copy of the *RAG*, when I make a mailing you will at least know that something is being planned. We are receiving more requests each year for our assistance and if we are to be able to continue in the same fine tradition - we need a larger corps to draw from.

FUTURE RAG DEADLINES

Attention all contributors to the *RaRa Rag*:

The following are the deadlines for future issues both for want ads (*free to RaRa members*) and for copy submissions. The information must reach the associate editor, Dwight Hill, no later than the dates shown. If you miss the deadline, your copy should go directly to the editor, Ron Jakubowski, in typed-double space format not later than two days after the deadline, for consideration.

DEADLINES

September 8	February 9
October 11	March 16
November 10	April 13
December 8	May 11
January 12	

ESTATE SALE - Station consisting of Drake TR4C, W4 Wattmeter, MN4C matching network, AC4 Power Supply, DL 200 dummy load, E-TECH frequency counter, Astatic D104 microphone and Viking phone patch. Would prefer to sell as complete package. Contact Mrs. John Sullivan, 245 Berkshire Drive, Rochester, NY 14626. Phone 225-3535. Estate of WB2KBT.

RRRA MEETS SEPTEMBER 24th

AT PITTSFORD TOWN HALL

by Ed Neubauer, N2BXA

RRRA's first meeting of the new season will be held on Friday, September 24th at 8:00 p.m. at the Pittsford Town Hall.

The Annual VHF Clinic will be the featured activity, so be sure to bring along your VHF/UHF rigs and HTs for their annual check-ups. (*No basket-cases please.*)

As most of the UHF FMers have probably noticed, "*Dot-Seven's*" new antenna greatly improved coverage to the South-East of the city when it was installed last spring. Some additional adjustments were made this summer, and coverage has now been improved in the North and West directions and along the lakeshore.

You may have also noticed, that this month's *RAG* has included a RRRA membership application for the 1983 season. The RRRA is asking for your support in maintaining four repeater systems in the Greater Rochester area.

146.28/146.88	N2JC/R
147.78/147.18	WB2AQQ/R
449.7/44.7	WB2KAO/R

2 Meter emergency/portable repeater

Your membership donation of \$5.00 goes towards supporting these repeaters and entitles you to the RRRA newsletter which describes monthly club activities. Family Membership are also provided for \$1.00 for each additional family member.

JACKETS

by Ed Holdsworth, N2EH

Jacket orders will be taken at the September and October meetings and an order will be placed in October. We will only order jackets on a once a year basis in the future because of the delays caused by ordering in small quantities. Jackets are still available in Green with yellow letters and the reverse - Yellow with green letters. Prices are:

Unlined	\$15.25
Kasha Lined	\$19.25
Pile Lined	\$23.25

To place an order, send a check in the correct amount with an order showing - Type of Jacket, Color, Name and Call to - Gil Chapin, WB2UTI. He will then forward the ordering information to me and your jacket will be ordered. Normal delivery time is around 4 - 6 weeks.

RDXA: SEPTEMBER 21st

by Rick Berg, KS2F

The Rochester DX Association will hold its first meeting of the 1982-83 calendar year on Tuesday, September 21st, beginning at 8:15 p.m. in the Colonial Hotel, 1127 Empire Boulevard. The Colonial very kindly provides a room for our meetings.

RDXA Club Officers for the coming season are as follows:

President - Gary Winkleman, KB2NU
Vice-President - Fred Groner, W2TZ
Secretary/Treasurer - Rick Berg, KS2F
Board of Directors - Bruce Sanborn, KB2WN
Mike Rice, KB2SG
Jeff Ach, W2HPF

For the first time there was an RDXA sponsored Field Day activity held at the H. H. Spencer State Park located in Ontario County. The operation involved the following RDXA members: Fred, W2TZ; Gary, KB2NU; Fred, KB2SE; El, K2SPO; Mike, KB2SG; Buck, N2FI; Bruce, KB2WN; Doug, KA2APP; Ron, W2GTE; Bob, WB2KDW; and John, KA2FND.

The crew set up stations for both sideband and cw to operate in the "3a" class using 200 watts or less. This effort generated 1,096 contacts which is not bad for a group of guys who operated under somewhat adverse conditions. Plans for next year are already being made that will correct problems encountered and insure a better setup and score in 1983.

The RDXA will try to provide a helping hand to old and new DX'ers in the Rochester area. Our Club meetings are always open, so please stop by if you are interested in the DX'ing and contesting part of amateur radio.

Our RDXA program this month, September 21st, will be detailed in the meeting notice sent to present club members. See you again in September!

RaRa RAG PHOTOGRAPHER NEEDED

Water, water everywhere, but not a drop to drink. In Rochester, its yellow boxes everywhere... I would really like to run more pictures in the *RAG*. All I need is someone who is active in club activities or would be willing to get active in club activities to take *black and white* 35mm snapshots of these activities and events that could be used in the *RAG*. I'm sure we could get the film from somewhere, and I bet the processing wouldn't be too hard to come by either. If you are interested, please contact me. K2RJ

ROCHESTER VHF GROUP

by Tom Richmond, WB2IEY

The season's opener will be held the week following the ARRL VHF QSO Party Contest. That's on Friday, September 17th, 8:00 p.m., at RF Communications, 1700 University Avenue. The program will contain some discussion and planning regarding the Transverter project. Also there will be a major amount of time reserved for "war stories" of the just finished contest. A special on "crying towels" is being offered by an anonymous club.

The latest hot news is the tropo opening on 1296 MHz of August 4th. Ed Valmore, K2EVJ, was in there to clean up and grabbed a new state.

Your club officers for the coming year are:

President — Dan Pedtke, WB9EAE

Vice-president — Lenny Gessin, WA2ZNC

Secretary/Treasurer — Tom Richmond,
WB2IEY

Everyone is welcome to our meetings, including the FM gang. We all wish a speedy recovery to Dan Pedtke, out on sick leave in August. See you there, and on the air.

ARRL HAPPENINGS

by Ed Gable, K2MP

Atlantic Division Assistant Director

Your Atlantic Division continues to be the largest of the 15 divisions with 14,692 members. This represents 9.7% of the Leagues total world-wide membership of 151,603.

If you, as an individual amateur, or representing a group, have inputs, thoughts, or ideas for the ARRL, perhaps direct contact with various ARRL Advisory Committees is the best approach. Here is a list of your Atlantic Division representatives:

VHF/UHF — Robert Bennett, W3WCQ

Public Relations — John Rouse, KA3DBN

Repeater — William Van Aller, K3CZ

DX — Edward J. Kuebert, K3KA

Emergency Communications — Bob Josuweit,
WA3PZO

Contest — Phil Koch, K3UA

ARS Digital Comm. — Paul Rinaldo, W4RI

On July 1st the FCC instructed its staff to draft a notice of proposed rulemaking dealing with a codeless amateur radio license. In part this would remove the code requirement from the present Technician Class license for operation above 50 MHz. The ARRL is on record as opposing the issuance by the FCC of any amateur license with no code requirement. Stay "tuned" for developments.

HAMS HELP WITH STRONG MEMORIAL MARATHON

by Don Drennan, W2EBF

Amateur Radio Operators in the Rochester Area will be handling communications for the Strong Memorial Runners Marathon. The marathon will start on August 15, 1982 at San Francisco, CA and end in Rochester, NY on or about September 6, 1982. Hopefully, communications via ham radio will be established for the entire route.

Fifteen runners all over 50 years old will run in shifts of 2 and 3 miles. The goal of the run is to get pledges for the Strong Memorial Children's Hospital fund.

Heading up the Rochester Area Communications Network will be Joe Mon - N2BHJ. Assisting Joe, will be Don Drennan - W2EBF, Len Cataldi - N2HS, Dick Critchell - KA2BN, Irv Goodman - AF2K, Bill March - WA2CER, Ed Maher - WB2ZJY, Al deBlicke - KB2VX and Jack DeWall - WA2JRO.

If you hear any traffic on the frequencies regarding the progress of the marathon, call any of the hams listed, so that we can pass information to their families and friends.

ARRL BULLETINS HEARD

The Section Communications Manager for ARRL, Western New York Section, Mr. Bill Thompson, W2MTA, has re-appointed Dwight Hill as Official Bulletin Station.

The A.R.R.L. and C.R.R.L. Bulletins are sent by K2KWK three times each week via three different two-meter repeaters. Sunday evenings at 8:45 p.m. bulletins are sent using either the N2JC (146.28/88) or the K2SA (146.19/79) repeaters. The Monroe County FM Net follows the bulletins at 9:00 p.m. on the same repeater. Both the bulletins and the net alternate from one repeater to the other each Sunday.

The bulletin schedule for Monday is at 12:30 p.m. on the WB2AQQ repeater (147.78/18) from Bristol mountain south of Rochester. Bulletins are sent Monday in the evening at 7:30 p.m. using the WB2IID repeater (144.71/145.31) at Attica, New York.

Both the Bristol and Attica repeaters are heard throughout Western New York, parts of Ontario Canada, and the northern border of Pennsylvania. Bulletins sent by K2KWK are copied off the air from W1AW at 7080 kHz., a clear frequency is appreciated.

THE RaRa RAG 20 YEARS AGO, SEPTEMBER 1962

by Ed Gable, K2MP

Incoming President Chuck Oneske, K2YCO, and his VP, Eddie Dunn, WA2KMI, announced the program for the September meeting to be a talk by the Vice-President of Engineering at General-Dynamics, Mr Robert Dobbin, on *Manufacturing Techniques*.

In the news department the readers were informed of: New York State Call-letter Plates will be available starting October 15th, the FCC has deleted the need for Conelrad monitoring, the Antique Wireless Association will exhibit at the ARRL Hudson Division Convention and has special FCC authorization to run the big spark transmitter at the show, and Channel 13 TV will go on-the-air September 15th. Jerry Vogt, WA2GCF, the VHF Editor, reports help was requested of the Greece six-meter Bunny Hunters by the local police to locate a reported prowler. Ray, W2SNI, writing for the RDXA, reports Dick, WA2HUV, was elected Chairman and that Sax, W2SAW, was a speaker at Dayton reporting on his six week Europe tour.

RAG advertisers included R. C. Cagan Sales of "Bizarre and Queer Equipment", and the West Main Street Lafayette Store was pushing the new HE-61 six meter VFO at \$21.00.

(The following did not appear in the May and June issues dues to illness of the Associate Editor)

THE RaRa RAG 20 YEARS AGO MAY 1962

by Ed Gable, K2MP

The last indoor meeting of the 1961/62 season was hosted by the U of R Radio Club and held at Todd Hall. Mr. Arnold Weichert, W2AOW, made the trip from Cortland to speak to the group on Army MARS.

An excellent photograph dominated the front cover along with a story of Rochester's own Good Will Ambassador, none other than Eddie Dunn, WA2KMI. Eddie was complimented for the excellent job he was doing in spreading good public relations for Amateur Radio on his WHAM radio program.

Corny Unruh, WA2EOQ, urged everyone to pickup his Hamfest ticket at the advanced price of \$4.75 including dinner!

Mike McHugh, WA2SEY, announced formation of the Pittsford High School Radio Club.

Dave Perry, WA2KVN, announced the Rochester VHF Group would be honored by having a Dr. Carstensen of the U of R speak at the next meeting on *The Uses of Electronics in Medicine*.

Corny Unruh, WA2EOQ, Ray Springett, WA2AIL, and Doc Thompson, WA2EIP, were all members of the RaRa Board of Directors.

THE RaRa RAG 20 YEARS AGO JUNE 1962

by Ed Gable, K2MP

This issue is typical of all June issues in that the success of the Hamfest is praised from cover to cover. The oversized headline announces over 400 in attendance and a fine time had by all. Gil Crossley, ARRL Atlantic Director, and Lew McCoy from ARRL HQ were honored guests.

The Annual June Sausage Roast was announced for June 7th at Maplewood Park. Unlike present day picnics the Old Sausage Roasts featured real sausage and a firm 6 p.m. eating time.

Due to the new inner loop under construction Rochester Radio Supply has announced their move from East Main Street to West Main at Washington. Vic LoTempio, W2RIS, the venerable Ham Shack proprietor, promises an expanded Amateur Radio Department.

Although a firm date could not be given, the New York State Motor Vehicle Department has announced the availability of Call Letter License Plates. The cost of the plates to be \$5.00 over the normal registration and applications would be accepted in the fall.

Bob Jeffers, W2ALL, thrilled the VHF Group meeting attendees with one of his ever popular, easy going talks on improving VHF station performance.

Hi-C Electronics on State Street was one of RaRa's active advertisers.

Completing the 1962 list of Board Members include Eddie Dunn, WA2KMI, Harold Smith, WA2KND, and Bill Ehlers, WA2JMH.

FOR SALE – Homebrew Transmitter (A.M.), with 4-250A Final tube and a genuine pole "pig" transformer in power supply. Available for any offer. Contact Earl Holtz, W2WQV, at 377-7401.

FOR SALE: 65 ft. RG-218/U coax. Must sell; best offer takes it. Irv Goodman, AF2K, 671-4430.

HAM TEST CHANGES — COINCIDES WITH BASH SEMINAR

There were fireworks at a recent amateur (tech/general - Element 3) testing session held recently at the Baltimore (Maryland) FCC field office. Probably not coincidentally (although I was not able to get this confirmed by the FCC) the Element 3 test was changed. It was also right after the Bash Amateur Licensing Seminar was held. The Dick Bash seminars prepare amateur operators to pass the Tech-General/Advanced and Extra Class ham exams. They use as study material the exact question/answers to the tests.

When the attendees of the Bash Tech/General Seminar appeared at the Baltimore FCC office, they were greeted by a new test - one that they had not crammed for. In my view, the Commission wanted to see if they were qualified to upgrade or not. Apparently they were not. Eighty-nine percent of the Bash attendees failed the Tech exam. Seventy percent of the non-Bash applicants passed.... a normal percent according to the FCC's Field Operations Bureau. The FCC could easily tell who were Bash seminar students since they used a FCC Form 610 (Application) that was different from the rest of the test takers. One of the questions on the new Tech/General test asks in which direction does a yagi antenna direct most of its radiated energy. Bash attendees (that is all except one) did not know that a yagi radiates the strongest along a path perpendicular to the shortest element (the director). Several thought a yagi radiated from the ends of the elements! According to my information, the test changes were very subtle. That is, there were no major changes, just slightly different questions and values in the math/formula questions.

From WSYI REPORT

Yea Olde-Timers Gather

The National Conference of the Antique Wireless Association is being held in Canandaigua, New York from September 30th through October 2nd. Not all participants are "olde" however, many young collectors know the future value of some of these artifacts and are eager to hear the history behind them while it can still be told and heard.

Registration is available at the door of the Sheraton Inn on the water, at the east end of Main Street. For information about specific events in the program, they have auctions, lectures, etc; contact either Chuck Brelsford, President, at 244-9519 or Linc Cundall, Treasurer at 663-0856.

H. P. Maxim, W1AW

While many radio hams are well aware of how instrumental Maxim was in the formation of the ARRL, the so called "*rest of the story*" can be found in the February 1982 issue of American Rifleman magazine, beginning on page 40. "During his lifetime he was called many names; he called himself... Dr. Shush!" How he must have truly hated that "*rotten QRM*" he so often wrote about. We wonder what he might say could he hear it now-a-days?

A CODELESS HAM?

by Dwight Hill, K2KWK, Associate Editor

There is no mistaking it. The FCC has formally instructed its staff to prepare a proposal for a code free ham ticket. This "*nightmare of many*" of us became reality in writing in 1975 with FCC Docket #20282. Even though theoretically put to rest by the FCC they kept this thought lurking in the closet until the political season was right and favorable.

Three very large hints have been published, in *QST* and in *CQ Magazine*. The shoes have been dropped. It is going to happen. The FCC wishes to be rid of its very large burden of testing and monitoring the radio hams. Goodness knows they have plenty of work calling for their attention elsewhere. Just take a listen to some of the other radio services. The maritime vhf frequencies seem to be in one continual day-long violation of proper operating practice. The vessels who follow procedure are mostly in the minority. The FCC could have a very busy staff doing violation notices just on channel 16 alone. With the added df work required due to so many operating without call letters (and licenses?) it could take them up to three well-occupied years in Lake Ontario harbors. These violations could mean a loss of life in certain situations. I personally have heard a operator make a long call while a mayday call was trying to be made and the Coast Guard could not get the channel clear enough to communicate. Compared to that, what's a little QRM in a very wide ham band?

Now that the government is determined to defund operations such as the FCC the timing and pressure factors are at the prime. We are going to get testing and monitoring. And we are going to have a no-code ham. It's up to us what we do with him/her. Watch the FCC releases for this proposal, and really think about how this could work. Discuss it, not with heat but add some light to the subject. The comment time will come but it may be very short.

RADIO RELAY A SUCCESS

Fourteen area radio amateurs took part in a Field Day exercise the weekend of June 26-27 at the Beneway farm on Furnace Road in the town of Ontario, as part of an annual event sponsored by the American Radio Relay League, Inc.

This year's Field Day involved in excess of 23,800 ham operators manning over 4,600 radio transmitters at nearly 1,800 station sites throughout North America. The exercise is designed to test portable and emergency radio communications equipment as preparation and training for rendering public service in times of emergency.

A complete station, operating three transmitters using both voice and telegraphic communication, was set up at the site by the group, and kept on the air continuously during the 24-hour contest period, from 2 p.m. Saturday until 2 p.m. Sunday. Over 1,000 contacts were established with other stations on the High Frequency amateur radio bands.

Participants in this year's group effort included: Lou Graham, KA2FHO, chairman; Rich Koehn, K2UW; Lincoln Cundall, W2LC; Ed Holdsworth, N2EH; Alan Komenski, AC2K; Bud Young, WA2UGE; Bob Phelps, WB2DPT; Dave Coleman, N2AOB; Ed Gable, K2MP; Chris Kawa, K2IA; El Wagner, WB2BNJ; Irv Goodman, AF2K; Bill March, WA2CER; and Ron Jakubowski, K2RJ.

THE AMATEUR RADIO SALES TAX BILL (Assembly Bill 10233)

Legislation providing an exemption from New York State sales tax on *all*

"radio communications equipment, including, but not limited to, transmitters, receivers, antennas, towers, and electronic peripheral equipment purchased by persons holding a valid 'amateur radio license' issued by the Federal Communications Commission for use directly and predominately in amateur radio communications"

is pending before the 1982 New York State Legislature.

If you believe that NYS sales tax has contributed to the demise of local vendors and you believe that the public service nature of your hobby justifies an exemption from sales tax on your future purchases of equipment and you would like to see sales tax on ham gear eliminated, then now is the time for you to get involved and exercise your influence on the legislative process.

Write to your legislators and seek their support on this bill. Tell your friends about this bill and encourage their support. New York is the home of more than twenty-six thousand hams and together, we do have influence.

You can help eliminate sales tax on ham gear by writing to your legislators and explaining the public service aspects of ham radio. You can help circulate petitions in support of this legislation. And, you can solicit support from the public service agencies which amateur radio supports. Or, you can do nothing. New York can be a leader in recognizing, in an economic sense, the value of amateur radio and your services to the community as an amateur radio operator, or we can let this opportunity pass us by. The choice is yours.

The sponsors of this bill can do nothing more. This is a people's bill. It's success depends upon the people that it will benefit. There are no big bucks or professional lobbies to insure passage – just your support!

KA2CVN

LARGE SCALE FISH POACHING COORDINATED BY PERSONAL RADIO..

A Special Agent for the National Marine Fisheries Service has participated in a complex investigation of illegal fishing in the Pacific Northwest *not unlike the recent Abscam and IBM covert undercover operations*. The agent set up a fish buying firm under a assumed name and established credibility in the local community. Testimony indicated that illegal fish poachers along both sides of Oregon's upper Columbia River would monitor State Police radio frequencies on scanners and used CB radios and other transceivers with *"private radio frequencies that cannot be monitored by anyone."*

After radioing on the "private channel", a pick-up truck meets boats carrying illegally caught fish. An affidavit completed by the undercover agent said that CBs were converted to private channel use "for about \$14.00 per unit" by a person in Oregon. The spectrum undoubtedly used was above the 27 MHz CB frequencies and up into the amateur radio 10 meter band. When asked how the adjustment was made to the transceiver, a poacher said it's "..... like a ham radio, but not quite a ham radio."

from W5YI REPORT



ROCHESTER HAMFEST

MAY 13 - 14, 1983

**ROCHESTER
AMATEUR
RADIO
ASSOCIATION, INC.**

P.O. BOX 1388
ROCHESTER, NEW YORK 14603

Affiliated
with



**membership
application**

(U.S. Postal Service regulations require this form be completed by all individuals paying dues, including renewals and Life Members.)

FOR OFFICE USE ONLY	
REG	AMT
FAM	CSH
ASC	CHK
LIF	MO
DIR	COV

Please **PRINT**

Name _____ Call _____

Address _____

City _____ State _____ Zip _____

I hereby apply for membership in the Rochester Amateur Radio Association and enclose \$ _____ as my annual membership dues for the year ending October 31, 198 _____. \$1.00 of this amount is for a subscription to the RaRa Rag for one year.

Dues - Regular \$6, Associate (unlicensed) \$3, Family \$6, plus \$1 for each additional family member living at same address.

Signed _____ Date _____

INFORMATION QUESTIONNAIRE

Your club can become more effective if you will take a few minutes to answer the questions that follow. In the event of an emergency or disaster situation, we will need to contact as many individuals as possible for assistance. With the exception of the RaRa Board and emergency preparedness committee, all information will be kept in confidence and not divulged to any other persons or organizations. Thank you.

Home Phone _____ Business Phone _____

Occupation _____ Employed by _____

License Class _____ First Licensed _____

Previous calls _____

VHF Transceiver? Mobile _____ Base _____ AC Supply _____

HF Transceiver? Mobile _____ Base _____ AC Supply _____

Emergency AC supply at home? _____ ARRL member? _____

Committee you want to work on _____

H...A...M... IS CONTRACTION.... ONE THEORY HOLDS

From Vivian Douglas, WA2PUU
Syracuse Post Standard

A recent issue of the *Gazorche*, edited by Doug Monroe, KA2JUR, of the Rome Amateur Radio Club, traced the origin of the word "HAM". Reminded of the many times readers have asked where the name "HAM" came from and the various stories about it, I believe this report is one of the most plausible.

This version reveals the word "HAM" as applied to amateur radio, dates back to 1908 and was the call letters of the first amateur wireless station operated by some members of the Harvard Wireless Club. They were Albert S. Hyman, Bob Almy and Reggy Murray.

The first called their station Hyman-Almy-Murray, but tapping out such a long name in code called for a revision. Thus they changed their sign to Hy-Al-Mu, using the first two letters of each name.

Early on, some confusion resulted between signals from amateur wireless HyAlMu and the Mexican ship named the Hyalmo. The boys then decided to use only the letters of each name and it became HAM.

In the early days of radio, amateur operators picked their own frequency and their own call letters. Then, as now, some amateurs had better signals than some commercial stations.

The resulting confusion and interference finally

came to the attention of Congressional Committees. They gave much attention to proposed legislation designed to critically limit amateur activities.

In 1911, Al Hyman chose the controversial wireless legislation bill as his thesis topic at Harvard.

His instructor insisted a copy be sent to Senator Davis A. Walsh, a member of one of the committees hearing the bill. The senator was impressed and sent for Hyman to appear before the committee.

Hyman took the stand and described how their little ham amateur station was built. He almost cried when he told the crowded committee room that, if the bill went through, they would have to close the station because they could not afford the license fees and all the other requirements set up in the bill.

The debate started and the little ham became the symbol of all the little amateur stations in the country crying out to be saved from the menace of the big commercial stations that didn't want them around.

Finally the bill got to the floor of Congress and every member talked about the poor little station, HAM. That's how it all started and the whole background story is said to be in the Congressional Record.

Nationwide publicity associated radio station HAM with amateurs. In radio language, an amateur has been a ham ever since.

ROCHESTER RADIO REPEATER ASSOCIATION, INC.

MEMBERSHIP APPLICATION 1982-83

Please Print Name(s) _____ Call(s) _____

Address _____ ZIP _____

I enclose \$5 dues for myself and \$1 for additional family members who wish to join. \$ _____

The following information would be useful for our files but is not necessary to join:

Phone — Home _____ Work _____ Employer _____

License Class _____ ARRL Member? _____

2-M FM Equipment _____

220 FM Equipment _____

440 FM Equipment _____

Mail to: RRRRA, Inc., P.O. Box 92031, Rochester, NY 14692

FCC SNIFFS OUT CAUSE OF POOR RADIO RECEPTION IN NORTH BEND

by Sharon Parshall, Journal-American Staff Writer

Sewage may cause a big stink in some towns, but in North Bend it causes static on radios.

Actually, it's not the sewage, but the plant where the stuff is treated.

In August 1980, while the plant was still under construction, residents living within a quarter-mile of it began hearing a steady hum when they tuned in their favorite AM-radio stations.

So far nobody is quite sure what to do about it. But the Federal Communications Commission wants it cleared up. The FCC filed a formal complaint with the city in April 1981.

North Bend Utilities Manager Steve Gilbert said the problem seems to be coming from a variable speed control panel that regulates the flow of sewage from the collection tanks into the treatment section.

The contractor installed filters to quiet the hum, but they didn't work, said Gilbert.

"We've tried everything we could think of," he said. "We're working continuously to find a solution that's economically feasible."

Gilbert is working with both the Department of Ecology's operation and maintenance division and the FCC to solve the problem.

"I'd like to have the thing solved within the next two to three weeks," he said.

Tnx: Dx Monitor, I.R.C.A.

K2JD ENGRAVING

P.O. Drawer G Pittsford, NY 14534
CALL SIGN BADGES

Size • Up to	Cost
3/4 x 3 (1 line)	\$1.25
1 1/4 x 3 (2 line)	\$2.00
2 x 3 (3 line)	\$2.25
2 x 4 (4 line)	\$2.75

Base station sign

2 x 8 (2 line)	\$3.00
Walnut base	\$3.50
Plastic base	\$1.50

Clip fastener on badge instead of pin add 25¢

RUBBER STAMPS

Design your own stamp using the sample type sizes shown below. \$2.50 for three lines. Add 50¢ for each additional line.

36 PT

24 PT

18 PT

12 PT

10 PT
8 PT

Most color badges are in stock.

ARRL sig on stamp or badge add 50¢



Radio World

CENTRAL NEW YORK'S MOST COMPLETE HAM DEALER



ROBOT 800



ICOM IC-720



KENWOOD TS830S



DRAKE TR7 DR7



YAESU FT707

Featuring Kenwood, Yaesu, Icom, Drake, Ten-Tec, Swan, Dentron, Alpha, Robot, MFJ, Tempo, Astron, KLM, Hy Grain, Mosley, Larsen, Cushcraft, Hustler, Mini Products, Bird, Mirage, Vibroplex, Bencher, Info-Tech, Universal Towers, Callbook, ARRL, Astatic, Shure, Collins, AEA. *We service everything we sell!*

Write or call for quote. **You Won't Be Disappointed.**

We are just a few minutes off the NYS Thruway (I-90) Exit 32




OUT OF STATE
ORDER TOLL FREE
800-448-9338

ONEIDA COUNTY AIRPORT TERMINAL BUILDING
ORISKANY, NEW YORK 13424
N Y Res Call (315) 736-0184

Warren - K2IXN
Bob - WA2MSH
Al - WA2MSI