

The RaRa Rag

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DECEMBER 1983

NO. 4

RaRa MEETS AT KODAK PARK — DECEMBER 2nd

RaRa and the Kodak Park Amateur Radio Club will have their annual joint meeting Friday, December 2nd at 8 p.m. in the Kodak Park Recreation Building #28 on Ridge Road west of Lake Avenue. Parking is in the lot directly across the street from the entrance to the building.

The program for the evening will be about packet radio presented by the leading expert in the area on the subject, Ray Williams, WA2RYT. Ray has given many programs on packet radio to other radio clubs and has built several packet repeaters. For the un-initiated, packet radio is a very efficient way of transferring data (read that computer data!) from one location to another at high speed and good accuracy. Packet repeaters do not have to operate duplex (transmit and receive at the same time). Instead they store the incoming data in memory and the forward it out on the same frequency a little bit later in time. This should be one of the most interesting programs of the year.

The Kodak Park Club will again be providing refreshments and will be inviting us into their very spacious and well-equipped "shack". We will look forward to seeing you all there!



SAVE THE DATE

February 11th

RaRa

VALENTINE

DINNER

PARTY

HOLIDAY INN - AIRPORT



RRRA NEWS

The program for the December 16th RRRA meeting had not been firmed-up as of the *Rag* deadline but will be announced in the RRRA Newsletter and on-the-air.

The winner of the October transmitter hunt was Ed Kohl, WA2UBD, and co-pilot Paul Gregory, WA2FTK.

Re-implementation of the Fuzz-Buzz was delayed due to some technical difficulties that had to be ironed out but it should be up and working well by the time you read this. Also, there was a problem with the keyline transistor on the remote receiver link transmitter. Seems everything happens at once. We'll have a full report on all the latest happenings by Technical Director K2RJ at the meeting.

1983 — 1984

4th ANNUAL KODAK WORLDWIDE QSO PARTY

Date: Saturday, January 7, 1984

Time: 1200 GMT — 2400 GMT

Host: Kodak Park ARC, WB2WXQ

Frequencies:	CW	PHONE
	14035	14.280
	21035	21.380
	7035	7.280
		146.58

We will try CW once an hour on the half hour.

We plan to issue:

1. Our new QSL card to all Hams for contacting WB2WXQ during this QSO party and after we receive their QSL card.
2. A Participation Certificate to all Kodak Hams after receiving a copy of their Kodak QSO party log.



WHY ARRL?

See Special Inside



The RARA RAG

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The Rochester Amateur Radio Association

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LETTER FROM THE EDITOR

I would like to thank Bud, WA2UGE, for the excellent job he did again in collating, stuffing and mailing the November *Rag* while I was off playing soldier in the sunny South of Atlanta, Ga. Bud is always one who can be counted upon when there is a job to be done.

While in Atlanta, I spent some time getting the *RaRa Directory* ready to be printed. Due to some intrusions by Murphy, the *Directory* is running a bit late this year. Since it will be mailed, however, that should not impact very many members. Present plan is to mail it before the middle of December.

Our printer Don Ray, WA2PKS, and his wife Joyce who typesets the *Rag* are just back from a well-deserved vacation - the *Love Boat* cruise to Mexico. I hope they had a good time and are rested and refreshed. *K2RJ*

Ham License Revocation Affirmed

Harold R. Claypoole, N6BII, of San Diego, California, has had his amateur license revocation affirmed by the full Commission. Claypoole's station and General Class operator's license were originally ordered cancelled and returned to the FCC last March.

Claypoole had been found guilty of playing party records on 40-meters, using an unassigned (WB6AAT) call sign, broadcasting music and "party records", and willful and malicious interference.

Noting Claypoole has continued to operate in defiance of the order of revocation despite warnings by FCC staff, the Commission said that it "would seek criminal prosecution for violation of Section 301 of the Communications Act" if he continued to operate.

Tnx W5YI REPORT

Net Directory Available From ARRL

The new edition of the *ARRL Net Directory* is now available. Listing over 1200 public service nets by location and frequency, as well as many computer and maritime service nets, this newly revised booklet also contains information on all the basic of traffic handling and net operation. You may obtain a copy by sending as SASE with eighty eight cents U. S. postage to: ARRL Net Directory, 225 Main Street, Newington, CT 06111.

Tnx W5YI REPORT

THE RaRa RAG 20 YEARS AGO —

DECEMBER 1963 by Ed Gable, K2MP

With this issue RaRa said so long to one of its most active and popular members. Doc Thompson WA2EIP, has turned in his 2-land call and will be signing WA4NXA from Florida. Doc was a long time Director of RaRa's Code and Theory class and no doubt many of our 1983 readers are among his graduates.

The December meeting features Ed Valmore, K2EVJ, speaking on the world above 50 Kilo-Megacycles! Ed and Bill Brelsford, K2INO, just recently set a new 10,000 Megacycle DX record.

Gil Crossley, W3YA, was just elected Atlantic Division Director, Cliff Milner, K2SKO, reports RaRa membership at 300, 200 of which attended last months successful Ham auction with Cappy Capauldy, K2UXF, at the helm. Awards Chairman Bill Kirkbright, WA2HWC, promises a D-104 and some 24 hour clocks.

Instructions were printed on how to apply for new NYS Call letter plates. Only one plate for the rear will be issued for 1964.

A surprise going away party was held at the VHF Group meeting for Vice-Chairman Ed Gable, W2MPM, on his departure to duty with Uncle Sam's Army.

Ken Gardner, W2BGN, was elected to the AWA board at the recent gathering at Jack Armstrong's (K2JA) QTH.

KODAK PARK CLUB NEWS

Stephen Maier, KZ2R, our new Vice-President and Program Chairman has prepared programs on computers and packet radio for the club this year. K2RJ, Ron Jakubowski is giving 3 programs on computers and Amateur Radio, and WA2RYT, Ray Williams is presenting 3 programs on packet radio.

We don't have a computer yet but we did purchase the necessary equipment for a packet radio station which can also be used as a packet radio repeater. Ray Williams and Dick Critchell, KY2Y, are busy hooking it up to our 2-meter KDK radio.



**THE RaRa DIRECTORIES
ARE COMING —
WATCH YOUR MAILBOX!**



DECEMBER RAG CALENDAR

- 1 - Teleconference Radio Network, 146.79 and 145.11 Repeaters, on Amateur Satellite Systems, 8:30 p.m.
- 2 - Annual RaRa - Kodak Park ARC Joint Meeting, 8 p.m. Kodak Recreation Building 28
- 7 - January Rag deadline to K2RJ
- 7 - RaRa Board of Directors Meeting, 7:30 p.m., QTH of N2BEJ
- 9 - VHF Group Meeting, 8 p.m., Monroe County Social Services Building, 111 Westfall Road
- 13 - RDXA Meeting, 8:15 p.m., Colonial Hotel, 1127 Empire Boulevard
- 16 - RRRRA Meeting, 8 p.m., Pittsford Town Hall
- 25 - **MERRY CHRISTMAS!**

COP'S CORNER

by Howie Davies, N2CUN,RPD

Neighborhood Watch Program:

As a member of Neighborhood Watch, it will be your responsibility to call the police about all suspicious activity in your neighborhood. You and your fellow members should report any unusual situations, such as:

Anyone looking into parked cars, or removing parts, gasoline, or license plates from a car.

Anyone going door to door who tries to open a front door and, goes into a backyard.

Anyone carrying unwrapped property at any unusual time, or running while carrying property.

Any vehicle cruising slowly back and forth on your street.

Windows or doors recently broken at a home or business.

Anyone sitting in a parked car especially at an unusual hour, outside a home or business.

For information and free materials on how to organize a neighborhood watch program in your community, contact your local police or sheriff's office. TAKE IT FROM ME "NEIGHBORHOOD WATCH WORKS".

**HAPPY AND SAFE HOLIDAYS TO ALL.
SEE YOU NEXT YEAR.**

73's, 90 paydays to go.

GRENADA

THE NEWS AND AMATEUR RADIO

Only one word describes the media attention to Amateur Radio during the Grenada crisis – incredible! Newspaper, television and radio reporters looked to ham operators to provide the latest word on what was going on in Grenada. If a TV or radio station couldn't find a local ham, the reporters called ARRL Headquarters. Headquarters, in turn, got the reporter a contact with League officials in the field. The League's public information network of volunteers had their hands full, but from all indications performed well.

One of the questions that came up, however, was to what extent the radio amateurs should allow a reporter to "participate" in the monitoring. There were also some questions raised as to whether it would be proper to allow a reporter to talk over an Amateur Radio circuit directly with the station in Grenada. Other radio amateurs wondered whether it was proper for broadcasters to even retransmit the signals being monitored over the amateur airwaves.

The FCC clarified the situation by issuing a Public Notice on Wednesday afternoon, October 26, stating that "Radio and television stations need not obtain prior authorization from the Federal Communications Commission before retransmitting Amateur (Ham) Radio transmissions." The notice explained further that while broadcasters were free to air the ham transmissions they were monitoring, they "must not become actively involved in the amateur transmissions." In other words, the Commission did not want reporters conducting interviews over the air.

There were a few scattered reports of broadcast reporters applying pressure on hams to enlist them as a tool for some part, however, hams kept the media coverage in the proper perspective. Reporters were welcomed into ham shacks across the country, and they were free to monitor whatever contact the radio amateur had. It was not proper to conduct any solely media-initiated contact with Grenada, and most reporters didn't even ask. There was enough excitement to cover.

Tnx ARRL LETTER

FOR SALE: Drake C-line. T4XC transmitter and R4C receiver, MS4/AC4 power supply and speaker, D-104 non-amplified microphone; new finals, with manuals. \$400 or best offer. Call Lee Hill c/o K2GXT (RIT-ARC) at 475-6973 or 334-6610.

YASME SAILS AGAIN

Don Wallace, W6AM, president of the YASME Foundation, recently announced that the world famous DX travelers, Lloyd Colvin, W6KG, and Iris Colvin, W6QL, will leave on a six month DXpedition to South America this month. They will operate in Colombia, Ecuador, Peru (using a special 4T4WTY World Telecommunications Year call sign), Bolivia, Chile, Argentina, Uruguay and Paraguay. Side excursions to some of the more rare countries and islands are possible.

Operation will be on the low-end of all bands, both phone and CW, with special emphasis on 30, 40, 80 and 160 meters. As usual, QSLs go to: The YASME Foundation; PO Box #2025; Castro Valley, California 94546.

FREE EXPRESSION BILL INTRODUCED

Senator Bob Packwood (R-OR) has introduced a bill entitled "The Freedom of Expression Act of 1983" which would prevent the FCC from regulating the content of any electronic communication. Included are all electronic media, including cable, satellites and other newly developed communications services. I assume that Amateur Radio transmission would also be included.

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(AT BULLS HEAD)

BULLETIN TIMES SOUGHT

by Dwight Hill, K2KWK

Many persons in the area are able to hear ARRL bulletins on the 2-meter FM repeaters of the Rochester area. They are sent three times each week by ARRL Official Bulletin Station K2KWK.

What goes into the makeup of the weekly schedule is a combination of what my own schedule can tolerate and when and where the most listeners seem to be found. For example, the Sunday evening session at 8:45 p.m. before the Monroe County FM Net that alternates between 146.79 and 146.88 weekly seems consistently satisfactory on both accounts. And comments are even received from those who listen then but do not join the net that follows. There are even those who are as yet unlicensed who listen for the latest news of Amateur Radio.

The Monday noon-hour transmission, formerly at 12:30 p.m. but now sent at 12:15 p.m. are designed with thoughts of lunch-hour idle hams at desks, labs, etc. The Bristol Mountain repeater, WB2AQQ/R, 145.11, is used to maximize coverage from Syracuse to Buffalo and southern Ontario.

The Monday evening time at 7:30 p.m. is set between some very active traffic nets. Again, for wide coverage the 145.31 Attica repeater is used.

I would like to hear from anyone who could tell me when they most habitually would be apt to be listening. I think my family would tolerate one more session per week, and I would like to make it cover as wide an area as possible. I will not guarantee that I can meet everyone's schedule but promise that due consideration will be given to all inputs.

I will be glad to receive your opinion either by mail or on-the-air. When and if the addition is made will be announced at that time.

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USE RADIO WHEN ASSISTING OTHERS

by Frank Crowe, WB6UNH

We have all seen motorists along the highway in need of aid, and we generally stop and assist them when we can. Unfortunately, there are occasional cases where the person assisting becomes a victim of someone staging a breakdown. This is usually a case of theft (your pocketbook and your car) or someone who is escaping from the law who has a mechanical failure or is simply out of gas and would like to acquire another vehicle (yours). "Innocent females" sometimes have male accomplices waiting for you to stop.

If the person stopped along the road is truly disabled, he or she usually feels a little ill at ease with whomever might stop to assist. There are many documented cases where a motorist in trouble has become a double victim by being assaulted by a supposed "good Samaritan".

One way to minimize the danger of assisting a motorist or other person in trouble is to wisely use your communication ability and equipment.

1) Be seen using your radio. Be sure that the person you are about to assist knows that you are in communication with another person. This will help to put at ease a truly stranded motorist and will discourage the use of violence against you. I know of at least one person who avoided attack by a group of persons by pulling out a hand-held radio. Suddenly he was not just a single person any more, but somebody who could get assistance rather quickly.

2) Document your assistance. Let somebody know the license number and location of the vehicle you are assisting. Now if you are not back on the air in a few minutes, people know where to start looking.

Now that precautions have been taken, everybody can feel a little more at ease with helping out.

*Santa Barbara ARS, California
via BEN-ALI R.C. Bulletin*

Ham Radio Given Away As TV Prize

A ham radio was one of the prizes recently won by a contestant on Jack Barry's syndicated TV show, "The Joker's Wild". Naturally the contestant was not licensed and no indication was made that a license was even necessary! The contestant was lured on with the bait of being able to "ham it up". No wonder the public sometimes can't tell the difference between CB and amateur radio!

Tnx W5YI REPORT

SPECIAL FEATURE — WHY ARRL?

by Chris Imlay, N3AKD (via *AUTOCALL*)

Greetings. In a recent excursion to the Pacific Division ARRL Convention at Reno, Nevada, I had an opportunity to discuss with a lot of amateurs why they were or were not members of the League. It became obvious that while a lot of different reasons exist for becoming a League member, few members were getting the most out of their membership because they were unaware of all of the services the League offered them. This is unfortunate. It seems akin to buying a TS-930 and using it only to transmit. What is worse is that, of 418,000 licensed amateurs, only 140,000 support the only organization that protects, promotes and advances Amateur Radio for every amateur by becoming members. In talking to West Coast non-ARRL members, it was obvious that what the League had to offer was unknown to them.

Up until now, this was probably primarily a matter of not having in one package a list of those services the League has to offer. However, I found one and reprint it here in order to give you an idea of what you are getting and not aware of from your League membership, and what is offered that you aren't getting because you haven't asked for it!

– **Representation Before Congress And Government Agencies Meeting** with decision-makers to acquaint them with Amateur Radio views on pending rules and legislation which affect our service.

– **Intruder Watch On Stations That Invade The Amateur Bands** Continuing reports to the Federal Communications Commission (FCC) on these illegal transmissions by commercial and other non-amateur stations.

– **Technical Information Service** Helps amateurs to answer their technical questions.

– **Headquarters For The International Amateur Radio Union (IARU)** Promotes the objectives of worldwide Amateur Radio.

– **Operating Achievement Awards - WAS, DXCC, A-1 Operator's Club, BPL, Etc.** Hand some certificates, plaques, and medallions awarded to amateurs in recognition of their operating proficiency and contributions to Amateur Radio.

– **Long-Range Planning** A group of experienced amateurs weighs the problems and the future of Amateur Radio and how the ARRL can best serve the amateur.

– **Representation At International Conferences** Delegates present the view of United States amateurs at important overseas gatherings.

– **Action On Special Problems, Such As Malicious Interference, Health Hazards, Etc.** Task forces are forced to study special problems as they arise. New groups are studying intentional interference and possible health hazards from radio frequencies.

– **Edit And Publish QST - The Leading Amateur Radio Magazine** Published monthly, QST is "must" reading for the thoughtful, responsible amateur and has the largest circulation of any Amateur Radio periodical. Covers every aspect of Amateur Radio from Novice operating to microwaves. Advertising is accepted only from firms whose products are approved by the ARRL technical staff.

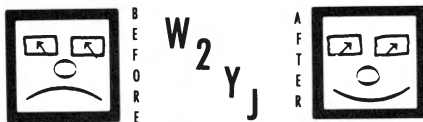
– **Code Practice - 5 To 35 Words-Per-Minute-From Station W1AW** W1AW, the memorial station to ARRL's first president Hiram Percy Maxim, sends daily code practice to help amateurs increase their code speeds.

– **Free Incoming QSL Bureaus; Low-Cost Outgoing Bureau** The ARRL operates 27 volunteer QSL bureaus for incoming QSL cards, and provides a low-cost outgoing QSL service for League members.

– **Assistance In Solving Interference Problems (BCI, TVI, Stereo, etc.)** In addition to publishing the book, Radio Frequency Interference, the ARRL publishes articles on eliminating interference in QST.

– **Representation Of ARRL Member Viewpoints Through Directors** Through 16 *non-salaried* Directors, your voice is heard at Board of
(Continued on page 7)

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ARRL

(Continued from page 6)

Directors meetings. Directors are elected by vote of the members and give their time and effort in the interest of Amateur Radio.

- **Up-To-The Minute Bulletins From Station W1AW** Late-breaking news of interest to amateurs is transmitted by W1AW, Newington, Ct., on many repeaters and local nets throughout North America.

- **Help For Handicapped Men And Women** Assistance to blind and physically handicapped individuals in studying for their licenses, opening a fascinating new world.

- **OSCAR Satellite Educational Programs** Study materials and procedures for using OSCAR satellites in teaching students about satellites and outer space. From the beginning, ARRL has provided financial and administrative support to the OSCAR program.

- **Testing Products Designed For The Amateur Market** The ARRL laboratory tests commercial products for the amateur market and publishes the results in QST.

- **On-The-Air - Emergency Drills, Code Practice- Speed Test, Contests** To improve operating skills, the ARRL sponsors emergency tests and contests, and awards prizes to the winners in different categories.

- **Safety Programs To Protect Life And Property** Educational programs on the hazards of electricity: precautions that amateurs should take. “Switch to Safety!”

- **Laboratory Research And Development** The ARRL technical staff develops and tests new circuits, instruments and equipment of value to amateurs.

- **Publicity In Mass Media - Newspapers, Magazines, Radio And TV** Public information programs to project the image of Amateur Radio are developed and distributed. Amateurs who work in the media assist in producing and placing publicity.

- **Many Books And Manuals On Amateur Radio** From the Radio Amateur’s Handbook to Repeater Directory, the ARRL writes and produces a variety of helpful texts.

- **Aid In Obtaining Permission To Operate Overseas** The League provides the latest information on how to obtain authorization to operate your amateur station in foreign countries.

- **Tape Cassettes To Help You Increase Your Code Speed** Handy tape cassettes and an in-

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struction booklet help amateurs progress up the code speed ladder.

- **Field Organizations For Public Service In Disasters** When fires, floods, tornadoes, and hurricanes strike it is too late to organize efficient emergency communications. The League has organized the Amateur Radio Emergency Service to work with government and relief agencies in times of disaster.

- **Operating Aids (Directories, ‘Q’ Signals, Radio-grams, Procedures)** A number of helpful aids to good operating practices are provided including a 40-page traffic net directory and numbered radio-grams.

- **Protection Of Our Present Amateur Bands, And Efforts To Obtain New Bands** Everlasting vigilance is needed to protect our bands from other radio services seeking new frequencies. The ARRL files comments and petitions with the FCC to protect amateur frequencies, and monitors allocations proceedings at all levels of government. At WARC-79, League efforts resulted in new amateur bands. We are using 10 MHz now! 18 and 24 MHz will be available for United States amateurs to use in the near future.

- **National Traffic System** An efficient National Traffic System of amateur relay stations operates daily, handling messages for the public. Under ARRL auspices, the NTS provides quick service and training for emergencies.

- **Help In Becoming A Radio Amateur** Countless thousands of amateurs studied ARRL material to obtain their licenses; much helpful material is provided to instructors of licensing classes.

- **Legal Assistance On Tower Problems And Local Zoning Codes** Increasingly, amateurs are under attack by local communities for antenna towers they wish to erect. The League assists them and their counsel by providing a digest of legal briefs and consultation.

(Continued on page 8)

ARRL

(Continued from page 7)

– **Leadership Appointments To Qualified Amateurs** Amateurs who meet certain qualification may be appointed to one of the following Leadership posts: Assistant Director, Section Emergency Coordinator, Section Traffic Manager, Official Observer/RFI Coordinator, Affiliated Club Coordinator, Public Information Officer, State Government Liaison, Technical Coordinator, Bulletin Manager or other subordinate leadership.

– **A Unique Insurance Program Designed Especially For Radio Amateurs** Insurance to protect your ham gear and club liability insurance.

FOR SALE – Kenwood TR7850 2 Meter - 40 Watt Transceiver. Less than one year old and absolutely perfect. Just like new - Best offer takes it. Just in time for Christmas! Heathkit 3 inch Model OL-1 Oscilloscope with spare CRT and all manuals. It works. \$35.00 or best offer. Scotty Ross, 525 North Main Street, Canandaigua, NY 14424, phone (716) 394-3417.

FOR SALE: Kantronics interface and Ham-soft software for a VIC-20. Brand new. \$50.00 Jim, KA2FFE, 266-6494.



Amateur Radio News Service

CIVIL AIR PATROL HELP WANTED

Need experienced radio operators for emergency traffic handling. Need to set up a communications network for voice and RTTY using frequencies in the 4.5 MHZ, 7.5 MHZ, FM (2 meter) and aviation (SAR) bands.

The area to be covered extends from Rochester, halfway to Hornell, Syracuse and Buffalo. Primary operating bases are required at Lake District EOC (Newark), Palmyra Airport, Monroe County Airport, Monroe County EOC and Perry-Warsaw Airport. All bases must be capable of being swiftly moved and set up at new locations anywhere in New York State. One important mission for this area is the support for the GINNA/FEMA evacuation tests where we support the state and local emergency staffs at the EOC's through a variety of aviation missions. We have ample pilots and aircraft but are wholly understaffed in the communications area. We desperately need XTAL controlled HF-SSB equipment and someone to repair and site a 2 meter FM repeater. We particularly need someone to organize and control the licensing, operations and personnel training for this network. We are looking for a minimum of six people to develop and run this network.

For further information call Rochester Area Commander of the Civil Air Patrol (Auxiliary of the United States Air Force), Major James Wenskus (K2BEH) at 225-0888 (evenings).



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