

The RARA RAG

Published by

The Rochester Amateur Radio Association
INCORPORATED

VOL. 34

JANUARY 1982

NO. 5

JANUARY 8th MEETING BACK AT EISENHART AUDITORIUM

The January RaRa meeting will be held one week later than normal, January 8th (due to the 1st Friday being New Years Day) at 8 p.m. in the lower meeting hall of the Eisenhart Auditorium of the Rochester Museum and Science Center. This is located near the southeast corner of East Avenue and South Goodman Street. The parking lot entrance is the first driveway on Goodman Street south of East Avenue.

The program for the meeting will be presented by Mr. Richard Kessler, K2SZE, and will be about a new communications technique that was developed for the military but that is now being experimented with on the Amateur bands called "frequency hopping" or officially known as "Spread Spectrum". In this mode of communication, a transmitter operates on a particular frequency for an instant of time and then shifts immediately to another frequency, and so on. In order to receive this transmission, the receiving system must receive on the exact same frequencies at the exact same periods of time. This, of course, is most useful for the encryption of radio signals. Dick will explain the Amateur applications of this technique and the details of the first Amateur frequency-hopping experience between himself and Paul Rinaldo, K4RI, President of the Amateur Research and Development Group. Paul, Dick, and a few others have been conducting these Spread-Spectrum experiments under a Special Temporary Authority granted by the FCC. Dick will also bring a tape so we can actually hear what the transmission mode sounds like.

All members and others interested are welcome to attend. Bring a friend.

SPRING LICENSING CLASSES TO START SOON

The Spring series of RaRa licensing classes will begin the mid-February. More details will appear in the February RAG.

RaRa PRESIDENT HOSPITALIZED

by Dwight Hill, K2KWK

Don Drennan, W2EBF, also known as our President of RaRa is having some bad luck with his health. He started out two years ago wanting to be the President of RaRa. Besides making the decision, you then have to first be elected to Vice-President for a year's term. After that year you then are advanced to be President for a year. So about two and a half years ago he set a goal. Unfortunately beginning this past fall he developed some kidney trouble which has continued to plague him now into December. He has been truly unable to attend the many meetings he anticipated. He has been unable to enjoy doing things with the members. But he has not lost his interest in RaRa. His enthusiasm is only limited by his incapacity. We all certainly wish him well for the holiday season and the new year. He has been in the thoughts of many. If you should hear him on the air (most likely 2FM) be sure to take the time to say HI.

FROM: THE PRESIDENT'S DESK

(Room 576, R.G.H.)

I would like to wish all of you a Happy New Year. I hope you have all had a good holiday. We are looking forward to seeing and being with you more in 1982. In the meantime, may the Lord bless you and yours in the coming year.

Don Drennan, W2EBF

SILENT KEYS

K2RZI, "Hog", Harland G. Hogeboom
Passed away December 11th.

K3CT, Joe Welch

Formerly Engineer-in-charge of the FCC's Philadelphia office passed away December 7th, a victim of cancer. Joe was well known by anybody who took an FCC exam at the Rochester Hamfest before his retirement in 1980. He was awarded the Rochester Hamfest "Ham of the Year" honor at the 1980 Hamfest.

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)

LETTER TO THE EDITOR

Dear Sir,

First of all, let me say that I think that yours is the best publication of it's type and having worked in the media for some time, I can see the trouble you must go to to get the kind of paper you do. I have been reading your paper for a few years, now, second hand.

I'm not a ham, but a C.B. operator. Therefore, I feel I must make comment on the bill written by the HON. Barry Goldwater, K7UGA. The part of the bill that I refer to is the clause that eliminates licensing for CB altogether.

This may be hard to take, but the more active C.B. ops *WANT* to be under the F.C.C. In fact, we'd like to see expansion at 27Mhz, to cover the area from 27.405 to 27.900 Mhz, on the basis that the people using this band be tested in operation, RFI and the like. Also the only mode that would be used would be SSB.

Reason? *WE* think that it would bring more people into the ranks of the Hams. Sound strange? look at the facts

Since the boom in CB, and it's later dying off, the hams have seen more people in their ranks than ever before. Stands to reason that making CB more attractive would make Hamming it up even more attractive.

As for the complaint that using this band would create more RFI, most of it being on TV channel 6, again, look at the facts

THE FCC ITSELF SAYS that while illegal operators in that region (27 Mhz) are at an all time high, (and many of these are ham ops "*slumming it*"), out of the other side of their mouth they say that RFI complaints are at an all time low!!!!

Reason I take the time to write this is I'm getting a little tired of listening on the 88 and 79 machines about the no good "*chicken banders*". I realize, however, that the chances of somebody bringing these facts up in a robin without getting laughed off the thing are mighty slim, but these are, indeed the facts.

What really burns my biscuit is that a lot of the people that are making the most noise about 11 *METERS* are the people that were *ON* that band, most of them out of band, over power and the like, only a few years ago.

We could make out very, very well without the two-faced people, hams, CBers and FCC alike.

Thanks for letting me blow off some steam.

73,

*Eric Florack, KAXS-3080/MC-1,
Production Director, 1370/WSAY*

VOL. 34

JANUARY 1982

NO. 5

OFFICERS:

President: Donald H. Drennan, W2EBF - 671-3366
Vice-President: Edwin J. Holdsworth, N2EH - 624-1929
Secretary: Gary Perkins, WB2MDC - 428-5679
Treasurer: Gilbert R. Chapin, WB2UTI - 426-0731

BOARD OF DIRECTORS:

Harold C. Smith, K2HC - 225-5280
John R. Golden, W2IRG - 381-4428
Harold Mundy, KD2K - 352-4212
Irv Goodman, AF2K - 671-4430
John Schooley, K2NC - 225-3626

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.

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.

VHF CONTEST: JANUARY 16 - 17

Now is the time to lite the fire! The annual black hole in VHF/UHF propagation is sure to occur this weekend, during the contest. Thousands of WNY hams will be trying to push their signals out to the fringes of the WNY ARRL Section. As the WNY Section includes most of the area between Jamestown and Malone this is a real challenge calling for something of a decent site, antenna, and equipment. That the Rochester VHF Group continues being a strong runner-up for national honors indicates the capability of the membership. There are a lot of "Hand-helds" around to be sure. But there is just no easy way to come up with another section multiplier without a decent directive antenna.

Everybody who got into the fun last year is urged to set a goal for either one more section and/or 10% more contacts. Honestly this event can be fun! Set yourself up a little game plan. Watch out for the .52 and .50 restrictions in the 2 and 1 ¼ meter bands. Read the complete rules printed on pages 93 and 94 of December, 1981, *QST*. Get your equipment into shape. Clean up your area so you can operate efficiently. Make sure your rotator is not frozen in the chilly weather.

You also have to get your "head" ready. See if you can make a little game with yourself on wiggling your signal in between the QRM on the FM simplex channels. If you are on six with ssb, don't ignore the cw portion. If you are on two FM don't forget to put in some calling time down between 144.9 and 145.1 for FM weak signal simplex (no channels). On 220 watch and call between 220.1 and 220.5. If you are located in or near the city be sure to point your antenna towards other cities and towns. We have been told of stations in places in Geneva who can't seem to get contacts because of QRM, but probably more due to city stations only pointing the beam into the city.

K2JD MOVED

On December 5th the club station of RaRa was successfully moved, with major thanks to the many volunteers who responded from the club. At this writing in mid-December some work remains and help is still welcomed. The preparations for the tower site were done on December 5 but the installation is yet to be complete. Plans are set for the finishing of the 10 odd runs of coax, and some inside installation and testing needs someone who might be free to help out.

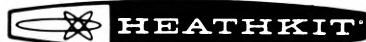
Contact Ed Holdsworth, N2EH, to arrange when you can help.

JANUARY RAG CALENDAR

- 1 - Happy New Year!
- 8 - January RaRa Meeting, 8 p.m., Lower Meeting Room of the Eisenhart Auditorium of the Rochester Museum and Science Center, S. Goodman at East Avenue. (See article)
- 13 - February RAG Deadline.
- 13 - RaRa Board of Directors Meeting, QTH of N2EH, 7:30 p.m.
- 15 - Combined meeting of Rochester VHF Group and RRRRA - VHF SWEEP-STAKES KICKOFF - Harris-RF Communications, 8 P.M., 1700 University Avenue.
- 16, 17 - ARRL VHF SWEEPSTAKES CONTEST - LET'S BEAT THOSE PACKRATS!
Starts 1 p.m. Saturday; ends 11 p.m. Sunday. (See article)
- 19 - RDXA Meeting, 8:15 p.m., Colonial Hotel, 1129 Empire Boulevard.
- 20 - RRRRA Board of Directors Meeting, QTH of WA2MYG, 8 p.m.

NUCLEAR TRAINING EXERCISE JANUARY 19th

The latest information has it that January 19 is still the firm date for the Training Exercise involving the Ginna Plant of the Rochester Gas & Electric Corporation, located in Wayne County. Because of the proximity of much of the Monroe County population, the test will involve amateur radio operators from both Counties. If you are interested in being a part of Emergency Preparedness, contact Ed Holdsworth, N2EH, if you live in Monroe County. If you live in Wayne County contact Bob Fox, KB2XI.



ELECTRONIC CENTER

937 Jefferson Road
716-424-2560

**WE DON'T SELL JUST HEATHKITS
WE SELL**

HUSTLER, CUSHCRAFT, MFJ, COLUMBIA
BERK-TEK, AMECO, ARRL BOOKS, B & W,
AVANTI, ZENITH, GC, JIM PAK & MORE!

LAST CHANCE: VALENTINE DINNER-DANCE

The January RaRa meeting is your last day to purchase your Dinner/Dance tickets for \$12.00 each. After January 8th, the price becomes \$13.00 each. So while you are marking your calendar for the Dinner/Dance itself (February 13 at 6:30 p.m.) also mark it for January 8. A bargain is a bargain.

The menu, at Barry's Party House, features a choice of three; Stuffed Breast of Chicken, Roast Sirloin of Beef, or Broiled Fresh White Fish. Live music is again provided by the "Peter Matina Orchestra". Everyone last year enjoyed the entertainment of his group, real time undistorted emissions in the 20Hz to 20kHz range.

February 13 is the second Saturday in February. Barry's Party House is at 4370 Dewey Avenue.

Contact Pete Secrist, W2SUN, or any RaRa Board Member, for your tickets.

Technicians

RF Communications Division of Harris is a world leader in the design and manufacture of state-of-the-art military and commercial 2-way radio systems. Increased demand for our products has created exceptional opportunities for Manufacturing Test Technicians.

MFG. TEST TECH. Position requires ability to align, test, and troubleshoot to the component level, complex HF, VHF, UHF radio equipment. Experience in one or more of the following: transmitters, receivers, antenna couplers, TTY equipment, and transceivers. Practical experience with analog and digital circuits is necessary as is familiarity with operation of state-of-the-art test equipment. AAS degree, military training, or equivalent experience is required. Amateur radio background helpful. Relocation assistance is available.

If interested in high technology exposure and long term personal growth, please forward resume and salary history to Ms. Ann Francis, Harris Corporation, RF Communications Division, 1680 University Avenue, Rochester, N.Y. 14610.



HARRIS

An Equal Opportunity Employer — Male and Female

EARLIEST AMATEUR OPERATION FOUND

by Bruce Kelley, W2ICE, Club Historian

Until recently, the earliest known documentation of radio activity in the Rochester area dates to late 1912. I believed there was interest before this time but could find no record until Walt Malone, W2PZH, sent me a faded newspaper, a copy of the *Rochester Herald*, Sunday, June 18, 1911.

Spread across the back page was an illustrated article relating the activity of two "youthful wireless telegraph enthusiasts": John Albert lived on Clarissa Street and his friend, Merritt Mosher, on West Avenue. They started to experiment in 1907 or 08 and by 1910 had workable stations and could "talk to one another by Morse code over a distance of 1 1/2 miles."

Amateur stations in those very early days were extremely crude. The transmitter at each station consisted of a large spark coil (with vibrator), spark gap, homemade condenser and helix (inductance). Mosher used a storage battery as a power source, while young Albert had a dynamo drive by a gasoline engine.

Pictures indicate both boys had crystal set receivers. This was long before the vacuum tube. Antennas were of the Marconi flat-top type consisting of several wires. To be exact, Mosher's antenna had 6 wires strung between 10-foot cross-arms.

The article indicates the existence of about a dozen wireless enthusiasts in the Rochester area but few had transmitters. In fact, only two other stations were noted, one at Mechanics Institute (now R.I.T.) and a Edward Eastman at Scottsville who reputedly had the most powerful in the county. Eastman had heard the boys but they were unable to receive his "powerful" station.

In 1911, Mosher and Albert were both 18 years old, making them nearly 89 today. Can anyone supply further information about these early Rochester pioneers?

160 — 190 KHz: LEWNY

by Tom Richmond, WB2IEY

A group of amateurs in this area has been formed to share information about local activity on the non-licensed LF and VLF bands.

The *Longwave Experimenters of WNY* (LEWNY) will furnish a copy of their news sheet "LOW PROFILE" to any interested parties. Contact Steve, KA2KGM, or Tom, WB2IEY, on the air or write WB2IEY, 328 Gibson Street, Canandaigua, NY 14424. (An S.A.S.E. would be appreciated.)

AMATEUR RADIO GETS PLUG IN SATURDAY EVENING POST

by Jim Magill, KA2HWW

Amateur radio gets a nice "plug" in the December 1981 issue of *Saturday Evening Post* (at your local library, usually). The article is a good review of the hobby and is arrived at informing the general public. Senator Goldwater's picture adds a little bit of "class" to the article, which is entitled "The Hams That Can't Be Cured". King Hussein's picture helps too.

Tnx D.A.R.C. Newsletter

DXPEDITIONS FOR 1981 VHF SS

- Eastern Pennsylvania - WB2RRE/3
Saturday, 4 - 7 p.m., 147.54 + 144.110
Beam heading - due south of Rochester

- Eastern New York - N2FV/2
Sunday, 4 - 7 p.m., 147.54 + 144.110
Beam heading - east-south of Rochester

EDITORS INCH —

JANUARY VHF CONTEST

by Dwight Hill, K2KWK

During the past year there has been a lot of grumbling about how the ARRL VHF Sweepstakes operates. I think everyone is familiar with how some want to change the rules to eliminate the FM contacts that seem to put the Rochester score so high. The most vocal pushers for such a "reform" seem to come from the area of eastern Pennsylvania. Apparently no one in that area uses the FM mode. They would have us believe that their continued scoring supremacy is only done via SSB and CW.

They seem to ignore the fact that this one contest is called a "sweepstakes". Also conveniently ignored is the design of the contest to increase VHF/UHF activity. This one goal transcends such mode snobbery. The scoring reflects the original intent to get these bands active by any means, except spark of course! The meaning of such a sweepstakes is to make as many contacts as you can in a certain time frame. Therefore, even the present limit on 146.52 seems an undeserved restriction to me, as a former resident of Canton, New York.

FOR SALE— Heathkit HW 101 Transceiver, Model HP-23C Power Supply and HS-1661 Speaker. Factory aligned, transmitter section used less than one hour. \$295 firm. Contact Chuck Tremblay, WB2ACB, 58 Heather Dale Chase, Henrietta, NY 14467, phone (716) 359-1591.

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¢

FOR SALE —

Items from estate of local ham:

Ameco 6 & 2 transmitter (am/cw) with VFO and receiving conv. - \$75.00

Central Electronics transmitter #20-A, ssb, cw, am, fm from 160 to 10 meters, with VFO & Recv. Filter - \$50.00.

Console; home made 32" deep, 60" long, 15" x 60" table top, 3 shelves with 9 section equipment slots on wheels. Standard 19" openings - \$20.00.

Heathkit Q-Multiplier for \$5.00.

KDK 2 FM Transceiver, digital, synthesized 143-148.995 MHz. 1/15 watt output - \$175.00
RTTY: Model 15, 26, homebrew ST-5 terminal unit.

Contact Len Gessin, WA2ZNC, at 248-2511 after 7 p.m.

SIMPLIFIED AMATEUR RULES REWRITE OFFICIALLY DEAD

As expected, the Federal Communications Commission officially terminated Docket No. 80-729, Revision of the Amateur Radio Rules into "Plain Language." The Commission, in its order, cited the overwhelming negative response from the ARRL and other respondents. (Refer to the November 1981 RAG for RaRa's official response.)

It is interesting that Commissioner Mimi Weyforth Dawson issued a separate statement even though she sided with the majority. (Indeed it appears that the resolution was unanimous.) Follows is the full text of her statement which speaks for itself on her position towards Amateur Radio.

SEPARATE STATEMENT OF COMMISSIONER MIMI WEYFORTH DAWSON

re:

AMATEUR REWRITE PROCEEDING

I fully support the Commission's decision to terminate this proceeding with the amateur service rules left in their present form. The amateur radio service has a fundamental purpose which is set forth in paragraph 97.1 of the Commission's rules. That purpose is expressed in the following principles:

- (a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.
- (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.

- (c) Encouragement and improvement of the amateur radio service through rules which provide for advancing skills in both the communication and technical phases of the art.
- (d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.
- (e) Continuation and extension of the amateur's unique ability to enhance international good will.

These principles have been recognized and accepted by the amateur service for many years. The amateur has been particularly recognized for assistance in emergencies and for advancing the state-of-the-art.

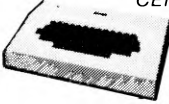
The amateur service as defined in the proposed rewrite would have simplified the service to being persons "interested in the technical side of radio . . . for their own personal satisfaction," with a few other comments about learning and communicating with other operators. It is no wonder that a large majority of the approximately 1200 comments received opposed such a change.

The amateur community has traditionally carried out vital public services with a dedication that deserves recognition above that of a simple hobbyist. I believe we have recognized that dedication in today's action. The amateur service, as well as all others, should see this action as indicative of this Commission's sensitivity to their response to our Notices.

FOR SALE - Icom IC-255 A for 2 FM. 1 or 25 watt output, with two VFO's, a five channel memory and multipurpose scanning - \$235.00. Contact Paul Adler, WA2ITK, phone 381-8408.



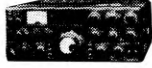
CENTRAL NEW YORK'S MOST COMPLETE HAM DEALER




ROBOT 800




ICOM IC-720



KENWOOD TS8305





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

NOSTALGIA FOR THE OLD TIMERS FROM RF CARRIERS

WHY DON'T RADIOS SMELL ANYMORE?
by R. R. McKay, N8ADA

Oddly enough my first recollection of radio was not the magic sounds that came from the giant horn of that early Atwater-kent, but the pungent odor that filled the living room when it arrived. The various bakelites, varnishes and other insulation combined to give off a distinctive aroma that fast became a part of the American home. Somehow, Amos & Andy, Fibber McGee and Molly, Jack Benny and others were instinctively identified with the aroma we all got to know as "radio". Those of us who discovered "short waves" also identified the odor with exotic places around the world, strange music and unfamiliar languages. You didn't have to be told when you entered a store that sold radios, your nose told you. Radio Rows (Hudson & Cortland Streets in New York and Madison Street in Chicago) were literally "heaven" for radio buffs. The aromas from these stores could be detected a considerable distance away. Ham shacks were the same. The attics, basements or back bedrooms that housed these wonderful black boxes all gave off the distinctive smell that was just like a Pied Piper to many of us. There wasn't a perfume on the counter of any department store that had the mystique or attraction for most of us that the bakelite aroma had.

Well, over the years we have had a whole series of marvelous improvements. Technology has really expanded. However, while the gains have been impressive, we have had some losses. Have you ever stuck your nose in one of the new rigs? Well, they work just fine, but can't somebody invent a little vial of radio smell that we can uncork and place in these sterile gadgets so that once again radios will smell like radios should.

Tnx: PackRats "Cheesebits"

HELP FIGHT LIST DISEASE

by Rick Berg, WA2RLQ

For those who collect awards as part of their amateur radio hobby, the following may be just the challenge you have been looking for. Patterned after the ARRL DX Award, it may do the job of stopping the spread of a disease called "List-DX" which is killing the individualistic approach of working DX stations.

For some time there has been a vicious attack on the pillars of DX integrity by a group who consider the working of a DX station *unassisted* as being capitalistic, "big-gun-ish", or in violation of the equal rights of a DX'er regardless of his dipole height above the attic floor. These righteous souls claim the list method eliminates all those messy pile-ups, thus giving equal opportunity to work those rare ones to someone with an ecological eyescore at 100 feet and to the fellow who end-feeds the gutter system on his house.

The pressure to become a list slave has been overwhelming and you would think that by now those holdouts would give in and join the ranks of those proud parasites who are so proudly pasting endorsement stickers on such a well deserved piece of wallpaper.

Thankfully, there is still a chance of being an independent and not getting ridiculed for doing so. Once again you can bring up your adrenalin level by taking on the free spirit rewards of the W.A.L.T. (Worked all List Takers) Award.

Let's face it, once you make the list, your contact is nothing more than a patient hour or two away. So why bother to hang around when your victory was already realized?

The newness of the W A L T Award is quite evident when a list taker shows his ignorance and does not understand why you would want his QSL card. But, in time he will come to realize that he is more the celebrity than the rare DX station over which he is lord and master.

In the future it is hoped that the W A L T Award will become a more sought-after certificate than DXCC. And when this occurs, no one will be interested in the list taker's DX station and thus force him to go off on his own to work the multitude. The outcome of this deceitful plot will have put the DXCC award back on the road to competitiveness and credibility.

FOR SALE -

D-104 microphone with a "TUG-9" Stand
BD-77C Dynamotor
Contact Earl Holtz, W2WQV, at 377-7401.

REPAIR

AMATEUR COMMERCIAL

HF — VHF — UHF

DIGITAL — ANALOG

25 Years Experience

10% 20% 30% etc. discounts

NORM WEBB
716-442-6444

K2 PPO
7-10 p.m.

RDXA MEETS JANUARY 19th

The first meeting of the Rochester DX Association, for 1982, will be held on Tuesday, January 19, at 8:15 p.m. The Colonial Hotel, 1129 Empire Boulevard, will host our meeting, providing one of their rooms free of charge.

The program of the evening will be a panel discussion of antennas which is probably one of the most controversial pieces of hardware in a DX'er's arsenal. The panelists have had experience with a variety of antennas over the years and how they perform on 160 thru 10 meters.

As most DX'er's quickly find out the type of antenna and its height-above-ground play a decisive role in the ability to easily work those rare ones. The Club invites non-members to join us and find out what is necessary to be effective in your own situation in regard to pocketbook and available real estate.

For those interested, there is a group of club members who usually have dinner at the Colonial before the meeting starts. Most show up around 7:00 p.m. and eat in the regular dining area. Our patronage of the Colonial, from time to time, is a way of showing our appreciation for the use of their establishment (without cost) for such a long time.

Rick Berg, WA2RLQ

COMPUTER BUFF NETS

Here is a list of some computer nets that meet on the HF bands for anyone that is interested:

TYPE	DAY	TIME (EST)	FREQ
COMPUTER	SUN	9 PM	14.329
APPLE (EAST)	SAT	8 AM	7.260
ATARI	SUN	8 PM	14.329
DIG. GROUP	SAT	11 AM	14.281
DIG. GROUP	SAT	5 PM	7.190
SWTP-6000	SUN	9 PM	14.250
TRS-80	SUN	3 PM	14.342
TRS-80	SUN	6 PM	14.342

Tnx: S.J.R.A. Harmonics

FOR SALE – Electronic Test Equipment – Oscilloscope: Tektronics Model 922, dual trace, 15 MHz, solid state – \$700.00. Signal Generator: Wavetek #3000, synthesized to 520 MHz – \$1,800.00. Contact Gerry Vogt, WA2GCF, phone 392-9430.

FOR SALE – Yaesu transceiver # FT-101-EE covers 160 - 10, with fan, cw filter, processor. Also FTV-650-B transverter for 6 meters. Also YC-601 Digital Display. "Landliner" speaker and phone patch. Contact Warren Ulrich, N2AUV, Rochester phone 716-467-2360.

ALIEN
THE OMEN

JAZZ SINGER
ALL THAT JAZZ
9 TO 5
MASH

MUPPET MOVIE
SATURN 3
THE FOG

RAGING BULL

Turn your home into a movie theatre!

MONROE COUNTY'S LARGEST VIDEO TAPE LIBRARY

Rent your favorite movie for as little as \$1.25 a day
Buy your favorite movie for as little as \$25.00 in Beta Format



Classic Video

The Village Mall • East Rochester

586-1054

MON. – FRI. 11 to 6
SATURDAY 10 to 5

Russ McKay • WA2CBU