



the **RARA RAG**

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ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

Rochester, N.Y.

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FLASH

AMATEUR EXAMS TO BE GIVEN AT ROCHESTER HAMFEST

by Ronald Jakubowski, K2RJ

Following negotiations between the Rochester Amateur Radio Association and the Metroplex Amateur Communication Association, it was announced that Amateur examinations would be given at the Rochester Hamfest barring any unforeseen last minute administrative problems.

The agreement worked out between Ron Jakubowski, K2RJ, of the Hamfest Committee and Jim Greer, KK2U, chairman of the VEC program at Metroplex, calls for the Hamfest to sponsor several Volunteer Examiners from Metroplex to bring the examination material and oversee the exams. The overall responsibility for making the final arrangements on this end falls to John Schooley, K2NC, Exam Chairman of the Hamfest.

Metroplex will have its trial run at giving Amateur exams at the BARA Hamfest, Paramus, New Jersey (Bergen Amateur Radio Club) Sunday, May 6th.

In both instances, final arrangements were made too late to include the information in the Hamfest flyers mailed. However, since Amateurs are (or at least are supposed to be) proficient communicators, it is up to all of us to spread the word as wide as possible throughout the northeast via the nets and through our everyday contacts. So, let's all talk it up and give our fellow hams as much time to prepare as possible.

MAY RAG CALENDAR

- 4 - RaRa Annual Meeting, 8 p.m., 40/8 Club, 933 University Avenue
- 6 - Pittsford Walk Public Service Event
- 9 - June Rag Deadline to KB2BU
- 11 - Rochester VHF Group meeting, County Service Building, 111 Westfall Road
- 18, 19 - Rochester Hamfest

HOW TO TAKE AN EXAM AT THE ROCHESTER HAMFEST

1. No advance registration is necessary, BUT we request that if you are planning to take an exam you send a postcard to HAMFEST EXAMS, P.O. Box 1388, Rochester, New York 14603 for our planning purposes, with the class of license exam you wish to take.
2. If you are to take a code test, be at the Hamfest by 9 a.m. Schedules will be posted at that time. Otherwise, be there to check the schedules by 10 a.m.
3. Only NOVICE, TECHNICIAN and GENERAL class exams will be able to be given. The FCC has not yet released the pool of questions for the higher classes of licenses.
4. Interim operating permits will be issued to all successfully upgrading to a higher class.

SILENT KEYS

- KA2CSD - Hugh M. MacPherson, Rochester
- K2HJP - William N. Bonter, Spencerport

SAVE THE DATE

JUNE 2nd - RaRa PICNIC !

the **RA RA RAG**

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Secretary: Alan Komenski, AC2K	248-8286
Treasurer: Bob O'Neil, KA2NBK	467-9937

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HARVEY'S HAM

KB2LB
3284 Clover Street
Caledonia, NY - 538-2122

TEN-TEC — DENTRON
new and used

SUPER LOW PRICES

We will sell your used gear for you.

MAY 4 is RaRa ANNUAL MEETING Program is on N2JC/R Repeater

The Annual Meeting of the Rochester Amateur Radio Association, Inc. will be held May 4th, 8 p.m., at the 40/8 Club, 933 University Avenue. The main business of the meeting will be election of Officers and Board of Directors, setting dues for the 1984-85 year, and any other items that might be brought up by the membership.

Program for the evening will feature Ron Jakubowski, K2RJ, Technical Director of the Rochester Radio Repeater Association, talking about the changes being made to the 28/88 N2JC/R repeater system. Much has been happening to this system in the past year, including installation of a voting receiver system and changing the Fuzz-Buzz system. Come and hear the story behind the system.

Of course, there will be the regular committee reports, the fantastic awards program and refreshments second to none. See you there!

RaRa BOARD VOTES TO HOLD LINE ON DUES

At their April 11 meeting, the RaRa Board of Directors voted unanimously to recommend to the membership at the Annual Meeting to keep the dues at the present level. It has been pointed out that RaRa has one of the lowest dues structures of any club in the country. Our large membership base keeps this possible.

NO RRRR MEETING IN MAY

Due to conflict with the Hamfest, there will be no RRRR meeting this month. The next meeting will be the Annual Meeting for election of officers June 1. Program for that meeting will be a demonstration of the portable repeater.

As mentioned in previous columns, the 28/88 repeater was finally moved to the third floor of the Cobbs Hill Radio complex Saturday, April 7th. Help was provided by Gary Perkins, WB2MDC; Ray Pickens, WA2MYG; Dave Bernheisel, N2DPF; Bernie Agins, KD2CU; and Team Chief Ron Jakubowski, K2RJ.

The move went off without a hitch with only minor problems and snowfall. At the same time the Fuzz-Buzz card was fixed to remove the cause of the "buzz" after connect. A hearty thanks to all who participated!

NOMINATING COMMITTEE REPORT

The RaRa nominating committee, chaired by Joe Hood, K2YA, and including Lenny Gessin, WA2ZNC, and Bruce Sanborn, KB2WN, announced the following slate of nominees for the 1984-85 RaRa year:

Vice President – Ron Jakubowski, K2RJ
Secretary – John Lloyd, KA2KFV
Treasurer – John VanGriethuysen, N2BNE

Board of Directors:

– Dave Bernheisel, N2DPF
– Howie Davies, N2CUN
– Keith Freeber, N2BEL
– Dick Goslee, K2VCZ
– Ed Holdsworth, N2EH
– Ed Neubauer, N2BXA
– George Walker, KC2EI

At the April RaRa meeting, the following person was nominated from the floor:

Board of Directors:

– Alan Komenski, AC2K

Nominations will again be opened at the May meeting for any and all offices.

VHF PICNIC

Details are still being firmed up, but it seems that the picnic will again be at Mendon Ponds Park (the particular shelter to be announced in the May Newsletter, along with a map) the date is Saturday May 12, (a week before the hamfest), from 1 p.m. til? as last year, the VHF group will be providing the main course and condiments, while members are being asked to bring a dish to pass, as well as their own table service and beverages. Main courses being considered are hot dogs (as last year) and burgers, or bar-b-q chicken and hots. Please come to the April meeting and make your preference known...TNX! There will also be a 35th anniversary celebration at the picnic, and invitations will be going out for that too in May. Of course, the GISMO award will be presented and our on-foot transmitter hunt will be sure to give some of us our year's supply of exercise.

One last note...the weather has been ordered from the same place as last years', so it seems we are guaranteed at least a few sunburns (but a rain date of May 26 is being set...just in case...)

Tom Richmond, WB2IEY

CLUB QSL'S STILL AVAILABLE

There are still a limited number of club QSL's available for \$8.00 per thousand. This classy card has won several awards throughout the country. Contact any board member or officer to buy your cards.

PUBLIC SERVICE

by Ed Holdsworth, N2EH

We have received some additional requests for our services in the coming months so I will repeat the list of events that we will be involved in this summer.

*Heart Association	April 14
*March of Dimes	April 29
Pittsford Walk	May 6
Lake Ontario Marathon	June 3
Susquehannock Pro Road Rally	June 9/10
Mendon Pony Rally	June 10
Scotch Bonnett	June 15/16
Walnut Hill Driving Competition	August 16-19
Empire State Games	August 16-19
Iron Man	August 19
*Rochester Marathon	September 3
*Ginna Evacuation Drill	September 12
Canaltown Days	September 15/16
Bike-A-Thon	September 23
*Downtown Celebration	November 23

The April events will of course be history by the time you read this but we are still in need of operators for some of the events. I am very pleased with the response we have had this year for operators and am looking forward to an enjoyable summer. I have preceded those events that we have sufficient operators with an *. The balance of events we can still use some help. If you would be available for a short time, I am sure you would have an enjoyable experience as well as providing a service that is both needed and appreciated.

If you can spare some time – drop me a card or call me at 624-1929 evenings and I will be glad to schedule you on an event of your choice.

HAVE A GOOD SUMMER!

GISMO AWARD

The coveted GISMO award(!) will be presented during our May picnic, but the balloting will be held during our April meeting for business. The GISMO is awarded by the VHF Group to the member who has done the most to promote interest and activity on the VHF bands. The award, revived last year, is decided upon by a majority of ballots cast, which are to be collected, counted and kept secret by last years GISMO Award winner, WB2IEY. The winner gets possession of the "SILVER HAM" trophy for one year and a handsome certificate printed especially for the occasion. Last years' will be on display at the April meeting. **GOOD LUCK TO ALL!**

Tom Richmond, WB2IEY

THE NOMINEES ARE:

Here are short biographical sketches submitted by the nominees for RaRa office.

John D. VanGriethuysen, N2BNE

"Van" was first licensed as KA2GZD in 1979. He is active on the 2 meter and 6 meter bands. He is currently finishing up his math sequence for his AsEE degree at MCC. Before he started night school he was the assistant scoutmaster for BSA Troop 173.

He is a member of ARRL, RACES, ARES, GRA, RRRRA and is a founding father of the (147.375) Greece Repeater Network. He is also one of *Holdsworth's Coolies* and participates in many of RaRa's public service events.

Van is an employee of the U.S. Apparatus Division of Eastman Kodak (Elmgrove). He and his wife reside at 61 Olympia Drive. They have a 3-year old daughter and a new son born on March 28th.

One of Van's other hobbies is photography, and he is a photographer for the *RaRa Rag*. Some of his photographs have won a First prize and 2 honorable mentions in the USAS Photo Salon.

Alan Komenski, AC2K

Nominated to return as a member of the board next year is Alan Komenski, AC2K. Alan is no stranger to RaRa members having served as past president, vice-president, two terms as secretary, including this current year, and several terms as a member of the board.

First licensed in 1964 as WN2TJR, Alan received his general ticket in 1965 and for many years operated under the call WB2ZFM. He upgraded to advanced in 1977, and he received his current call with his extra class license in 1978.

An avid CW operator and DX'er, Alan can be found pounding the brass from 80 to 10 meters. He is also the current secretary of the RRRRA.

Alan is employed by the city of Rochester as the manager of the Office of Emergency Communications. He and his wife Julie and their two children Eli and Rachel, reside on Cullens Run, Pittsford.

George Walker, KC2EI

George is a Rochester area native and has been licensed since 1978. He traded-in his N2BIR callsign when he obtained his Advanced Class license several years ago.

George is a member of ARRL, AWA, and is currently serving as president of RRRRA. His other hobbies include computing using his Commodore 64 and horseback riding.

He has worked in heavy transportation for the last 14 years and is presently employed by Penn Yan Express.

Ron Jakubowski, K2RJ

Ron has been active in the Rochester amateur radio clubs since he came here 10 years ago from Fort Huachuca, Arizona. He has been licensed since 1962 and currently holds an Extra class license. He is a member of ARRL, AWA, is State Repeater Co-ordinator for Army MARS and is Technical Director for the RRRRA. He also is Editor of the *RaRa Rag* and participates in many public service events.

He lives with his wife Kathy and two daughters, Becky and Debbie at 446 Cedarwood Terrace in the city.

Other hobbies include the care and feeding of his TRS-80 III computer system and some dabbling in photography and home remodeling.

LARS UPGRADING EQUIPMENT

by Val Christian, N2EPO

Livingston Amateur Radio Society (LARS) is currently in the process of upgrading its 146.76 (.16/.76) repeater. The repeater will soon have a new antenna located at the top of the Springwater, New York tower. Lightning on Memorial Day 1983 destroyed the repeater's feedline, antenna, autopatch, and telephone line controller. A borrowed antenna and extensive feedline splicing has permitted operation, but with limited coverage since the antenna was not optimally located on the tower.

The new antenna system is expected to be installed by mid-May expanding coverage of the 146.76 machine. All hams are invited to "check-out" the coverage of the machine with the new antenna system.

The repeater currently has few "bells and whistles" but does sport emergency back-up power. However, there is active interest in adding features to the repeater. Several LARS members are currently working on an autopatch for the Wayland-Dansville area. An investigation is in progress to determine a remote site for a link.

The costs of feedline, antenna and increased expenses have hit LARS's coffers heavily. Donations regardless of amount as well as membership information requests can be sent to: LARS, P.O. Box 211, Springwater, New York 14560. However all hams, whether members or not, are most welcome to use the 146.76 repeater.

Ed Holdsworth, N2EH

I have served as Secretary, Vice-President and President and currently serve on the Board of Directors. I am presently the trustee of the Club Station - K2JD and serve as Emergency Co-ordinator and Radio Officer for Monroe County and as Assistant Chairman of the Rochester Hamfest. I was also appointed Affiliated Club Co-ordinator for Western New York, a post I have held since May, 1983.

My other activities include Camping and Woodworking. I also enjoy working on my small fleet of Corvairs.

Dave Bernheisel, N2DPF

Dave has been licensed since 1980 and currently holds an Advanced Class license. He has been a resident of the Rochester area since 1981. In addition to casual operation on the HF bands and occasional 2 meter FM activity, Dave is interested in the application of microprocessors to radio communications and the uses of amateur radio in public service and emergency/disaster situations. He is currently working on upgrading to Extra in order to participate as a Volunteer Examiner.

A graduate of Bucknell University, Dave is employed by Blue Cross/Blue Shield as a Computer Analyst and resides with his wife and two children in Brighton.

Currently a member of the board of directors Dave has served for the past year in the Computer Planning function.

ROCHESTER HAMFEST NEWS

PROGRAM HIGHLIGHTS

SATURDAY – Dome area – 2nd Floor
Programs start at 10:00 a.m.

■ 10:00 a.m. – 11:15 a.m.

AMSAT-OSCAR

John Henry, VE2VQ, *President, AMSAT Canada*
How to use the high elliptic orbit of Oscar 10. Update on the research/digital Oscar 11, and this summer's ham-in-space (W0WRE) mission.

■ 10:00 a.m. – 11:00 a.m.

SAYLARC

Jean Chittenden, WA2BGE, *President, SAYLARC*
Slide presentations of members' trip to Holland and China.

■ 11:30 a.m. – 12:45 p.m.

ARRL FORUM

Hugh Turnbull, W3ABC, *Atlantic Division Director*
George Diehl, W2IHA, *Hudson Division Director*
Tom Atkins, VE3CDM, *President, CRRL*
A review of current amateur radio issues. Results of the March Board of Directors' meeting. Question and answer period.

■ 1:00 p.m. – 2:00 p.m.

SYNTHESIZED RECEIVER PERFORMANCE

Bill Myers, K1GQ
Understanding and measuring reciprocal mixing noise (RMN), which is the limiting factor in the dynamic range of modern transceivers such as the KWN-380, TS-930S, and IC-751.

■ 1:00 p.m. – 2:00 p.m.

WESTERN DISTRICT NET

Kathy Tyson, KC2QQ, *WDN Manager*
Topics of interest to members of WDN and other local NTS nets.

■ 2:00 p.m. – 3:00 p.m.

5th ANNUAL W2RUF MEMORIAL CODE CONTEST

Bill Thompson, W2MTA, *Section Manager, WNY*

■ 2:30 p.m. – 3:45 p.m.

THE GRENADA STORY

Steve Mendelsohn, WA2DHF,
CBS Radio Network

A ham radio view of last winter's invasion through the eyes of the media.

■ 3:00 p.m. – 4:00 p.m.

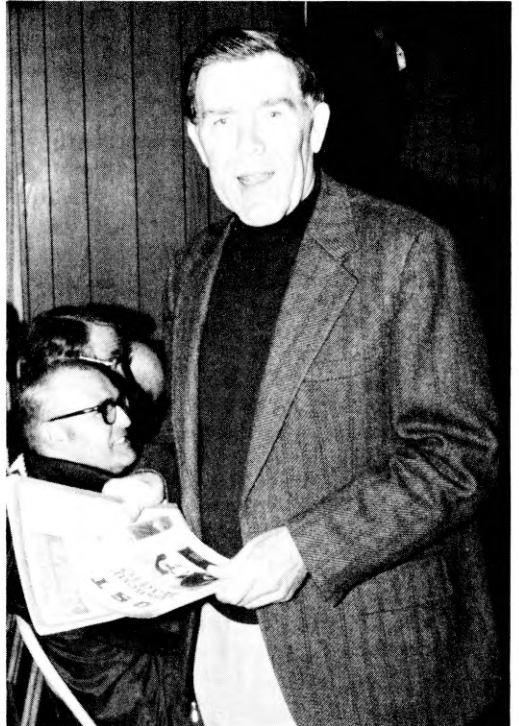
NATIONAL TRAFFIC SYSTEM

Doug Zuckerman, W2XD, *Manager, 2RN/C2*
Current topics for participants in NYS, 2RN, EAN, and TCC.

FRIDAY EVENING MARRIOTT INN

■ 6:00 p.m. – RECEPTION – Foyer
Meet your friends.

■ 6:30 p.m. – ANNUAL BANQUET and
AWARD PRESENTATIONS



Bruce Kelley, W2ICE, *Master of Ceremonies*

Special banquet presentations

- 1983 Code Contest Winners
- 1984 Amateur of the Year

■ 9:00 p.m. – ENTERTAINMENT

Glenn Brooks, a spectacular “*One Man Show*”, will star at our evening show. He is the kind of an entertainer who performs with and for his audience. Glenn is a cross between a standup comedian and master magician. Glenn's personal magic has more to do with the way he mesmerizes his audience than with the coins, cards, and illusions that seem to flow in an endless stream during his performance. Glenn has performed in many major cities throughout America and Europe.

The show is free and open to everyone. Enjoy a fun evening with your friends.

OFFICIAL TALK-IN REPEATER

The official talk-in repeater will be on 146.28 - 146.88, N2JC/R.

The talk-in station, WA2AAC, is operated by the Rochester Radio Repeater Association. The operators will have "official" Hamfest information.

Please keep the contacts brief on this channel. This channel also has a "fuzz-buzz" capability to the local emergency dispatcher.

FLEA MARKET INFORMATION

The flea market will open officially at 6:00 a.m. on Saturday, May 19.

All flea market exhibitors must have a Hamfest registration ticket - \$5.00 per person, and a flea market permit - \$2.00 for each parking space occupied (10 feet). Tickets and permits may be purchased in advance. All flea market parking is EAST of Minnett Boulevard (the main north-south road on the fairgrounds).

All flea market operators must use the Calkins Road entrance to the fairgrounds. Regular FREE parking is in the area SOUTH of the Dome Center. Entrance to that area is off Route 15A (East Henrietta Road).

A limited number of camper-RV hookups are available on the grounds. Please be aware that fairgrounds personnel will collect a nominal fee for the use of hookups and any use of electricity.

There will NOT be an indoor flea market. If weather does become a serious problem, a decision will be made on Hamfest day to open a building for use as an indoor flea market.

SAYLARC LUNCHEON REMINDER

Date: Hamfest Saturday, May 19, 1984

Time: 12:30 p.m.

Place: Oakley's American Restaurant
Marketplace Mall

If you have not confirmed your luncheon reservation please contact me at 889-2536 as soon as possible. The restaurant has asked for a final count on May 5, 1984.

Lee Van Grol, WA2YEK



Amateur Radio News Service

HAMFEST HELPFUL HINTS FOR A HAPPY DAY

by Mike Meltzer, K2SDD
via RAGS REVIEW

I think that hamfests are one of the most fantastic things that has ever been invented. I always have a great time and would like to give you some advice that can enhance your enjoyment of this aspect of our hobby.

First, you have to acquire the correct attitude. If you are looking for free equipment, or to have fun crammed down your throat, forget it. The hamfest sets the mood for a "happy day" and the rest is up to you.

Try to arrive early and attack the flea market first. The best bargains go fast. Some flea market vendors want to get rid of their unused gear at a reasonable price, and some are out to make a big profit. If you arrive too late you will only get to meet the second group. The way you walk through the flea market is also important.

Upon arriving, a *fast* walk-through is a good idea. While pondering too long over an infinite supply of ceramic capacitors, a bargain handheld may be waiting just a short distance away. After your first run-through you can do it again, looking for the less obvious bargains. Notice, I said "bargains". If someone in a flea market calls you cheap because you haggle over his price, you are not the one who is naive; he is. It's a flea market not a retail store.

Then again, sometimes it does not pay to shop around too much. If you see something unusual that you *really* want, keep in mind that if you walk away you may never see it again. Perhaps you should just ask for his best price and then buy it. However, if it's in the "nice to own but I really don't need it" category, offer only what its worth to you even though it may be only 20% of the asking price. Now and then you will be surprised and walk away with a terrific bargain. The key idea is to look at an item and decide quickly what it is worth to you, and what is the most you are willing to pay.

So when it comes to dickering for price at the flea market be friendly, honest, and sincere, and there will be no hard feelings.

Weeks before the hamfest make a shopping list. It gives you a purpose. Then as you walk the aisles of the flea market have a flight plan. Don't wander aimlessly. Try to walk along one side of one aisle to the end. Then turn around and walk the other side.

FOR THE LADIES

The Rochester Hamfest prides itself in proving the very best entertainment for ladies (or anyone) who have little interest in radio.

By popular demand, shuttle van service will again be provided for shopping in Rochester's newest and largest mall, The Marketplace.

There are five major department stores and over a hundred smaller shops and boutiques. Bring a good pair of walking shoes. The mall is huge, and is said to be the largest one between New York City and Cleveland.

The vans will operate all day, departing frequently from the fairgrounds and the hotel. There is no charge but those using the van service must hold a regular \$5.00 hamfest registration ticket. The mall is only a mile from the fairgrounds.

TICKET INFORMATION

Everyone must register! Registration is only \$4.00 in advance and \$5.00 at the gate. (Children under 12 years old admitted free.)

Combined registration and banquet - only \$22.00 in advance. Limited to banquet hall capacity. Order in advance and save time and money.

Advance sale closes May 12. Orders received on or after that date will not be mailed. Pick up tickets at the Marriott Hamfest desk.

Outdoor flea market exhibitor permits only \$2.00 per parking space, in advance or at the gate. All flea market operators must hold a regular registration in addition to the flea market permit.

All checks should be made payable to:

ROCHESTER HAMFEST

Send check or money order directly to:

ROCHESTER HAMFEST - TICKETS

174 Croydon Road

Rochester, New York 14610

HEATHKIT ELECTRONIC CENTER

Amateur Radio Equipment and Accessories

Deposit this coupon at the Rochester Hamfest Heathkit booth for valuable free prizes to be awarded. (No purchase necessary.)

Name _____ Call _____

(716) 424-2560

937 Jefferson Road Rochester, NY

TICKET ORDER BLANK

Name _____

Call _____

Address _____

City/State/Province/Zip _____

Please send me:

_____ Registration @ \$4.00 ea. \$ _____

_____ Combined registration and Banquet
@ \$22.00 ea. \$ _____

Outdoor Flea Market @ \$2.00 ea. \$ _____

Total \$ _____

PHONE NUMBERS

Hamfest exhibitor and general information:
716-424-7184 (also used for this bulletin board)

If bulletin board is running, call 716-4424-1100

Expect an answer until 9 p.m. weekdays.

Ticket information - nights and weekends only:
716-288-1547

Emergencies - Hamfest day only:
716-359-3702

WHAT IS METROPLEX?

by Ronald Jakubowski, K2RJ

Metroplex is the first Volunteer Examination Coordinator to be appointed for the 2nd call area by the FCC.

According to Alex Magocsi, WA2MGB, Metroplex Vice President they are now ready to start taking applications from Volunteer Examiners throughout the area. They are particularly interested in getting other clubs involved and have already enlisted the aid of Vermont radio club to cover the northern parts of New York around Plattsburgh.

The VEC function is being controlled by a separate board of directors within Metroplex chaired by Jim Greer, KK2U, with Alex, WB2MGB; Burt Grebon, K2KLN; John Lupinski, WB2PAG; and Dave Hancock, KY2R serving with him.

Metroplex draws from the greater New York City Metropolitan area and represents much of Long Island, Northern and Central New Jersey, the lower Hudson Valley and White Plains area along with southern Connecticut and the City. Their paid membership is in excess of 600.

THE RaRa RAG 20 YEARS AGO, MAY 1964

by Ed Gable, K2MP

The last meeting was Past Presidents and Old Timers Night. It was reported to be an interesting meeting, and well attended too, with 112 members listening as the past Presidents told of key events during their term in office. Presidents going all the way back to the thirties were represented. Some of those were: W2BGN, W2TEX, K2DG, W2AFN, W2TTQ, W2QY, W2UTH, W2CZT, W2CTA, K2UXF, K2JFV, K2SSB, and out going President Chuck Oneske, K2YCO.

Alan Price, K2OEP, wrote of the activities of the Rochester Peanut Whistle Net, 21.4 Mcs, every Sunday evening. The VHF Group sponsored an excellent meeting on electrical safety with Gordon Calderwood, RG&E's Safety Director, who showed a movie on the subject and demonstrated a new life saving technique called CPR.

The May meeting announcement moved the regular meeting to the U of R Campus as we were guests of the University Radio Club, K2ZWI. Doctors Robert Hopkins and David Dutton are to speak on the analogy of optics and the radio phenomena. A host officer of the University Club was then student, now resident, Duncan Brown, K2OEQ.

Mr. and Mrs. Bill Kirkbright, WA2HWC, announced the up coming marriage of their daughter, Joan, WA2YTK, to Jerry Vogt, WA2GCF. A May wedding is planned.

B C Electronics advertised an APX-6 transponder at \$17.00 as the surplus bargain not to pass up.

WOULDN'T IT BE WONDERFUL IFBen Franklin and Sam Morse could see the mess they started? If ham shacks weren't hot in summer and cold in winter? If some repeater ops would lose their false teeth for one night? If 'phones could be put on with one hand?

Gab Gabbler gives many a pain;
His routine is darned near insane.

Each topic he'll work -
Not just once, the jerk -
But again and *again* and AGAIN!

We sign as we file past the bier
Of lynched OM Gadgets von Schmeear
Who, taking a snooze,
Kept calling CQ's
With a hung-up programmable keyer.

(W9BRD, QST)

ROBINSON ROCHESTER CYCLES

TRIUMPH

• MAICO • RICKMAN • CAN-AM
• OSSA • YANKEE • SWM • BSA • KTM
MOTORCYCLES

Onan

EMERGENCY GENERATORS
2.2KW - 1 MW
Starting at \$500

ROBIN (FUJI)
Portable Generators
600W - 5KW
Starting at \$349

COMPLETE MACHINE SHOP & SERVICE

free parking in rear

436-4775

900 W. MAIN ST.
(AT BULLS HEAD)

AUDIT REPORT

I have completed my audit of the records of the various people who are responsible for the property and funds of the organization. These included:

Bob O'Neil, KA2NBK, Treasurer
Harold Smith, K2HC, Hamfest
Ed Holdsworth, N2EH, K2JD
Bob Lauzon, K2RL, K2JD Engraving
Lloyd Caves, WB2EFU, Membership

As a result of my audit I find the books for the various accounts to be in proper order, and the property of the club station and K2JD engraving to be properly accounted for.

In this the third year of auditing I found the responsible people to be well prepared for the audit.

On a personal note I would like to thank Bob O'Neil, Harold Smith, Ed Holdsworth, Bob Lauzon, and Lloyd Caves for the hours they contribute to the club and for the excellent jobs they are doing.

Harold E. Mundy, KD2K

HELP NEEDED FOR CROP-HUNGER WALK IN GREECE

by John VanGriethuysen, N2BNE

The Greece Repeater Network is looking for a couple of local (Greece) Ham volunteers to handle communications for the 'Crop' Walk in Greece on Sunday, May 6.

The 147.375 repeater will be used, so only handhelds will be necessary to handle the traffic.

If you want to help out please give me a call on the 147.375 (+600) WA2MXL/R repeater or call me at home.

REPEATER COORDINATION NECESSARY: FCC

An uncoordinated repeater has been removed from the 2-meter band by the FCC. The action took place in San Diego, California about a month ago with details only now becoming public. The situation revolved around 2 repeaters separated by 30 miles. One was operating with the blessing of the repeater coordinator while the other had filed for coordination.

After several months of correspondence with system licensee, the FCC San Diego Field Office determined that the uncoordinated repeater was in their view the cause of the interference to the coordinated system and sent a letter to the trustee that ordered the uncoordinated system off the air. The trustee complied, but then sent a letter to the Commission requesting clarification as to what authority it had to take this stand. In response Carol P. Foelak, of the Compliance Branch of the Special Services Division, wrote the individual stating "*when repeaters interfere with each other the Commission must resolve the problem.*

When an uncoordinated repeater interferes with a coordinated repeater, the conflict is resolved in favor of the coordinated repeater." As a basis for this decision she referred to an April 1983 opinion paper authored by Jim McKinney issued to the Tri-State Amateur Repeater Council (New York, New Jersey and Connecticut). The FCC took a stand giving coordinating councils and the ARRL national band plan official recognition. This illustrates that the Tri-State opinion of 1983 will be enforced. Similar enforcement is now expected shortly in several other northern California and northeastern United States cases. (Thanks to Bill Pasternak, WA6ITF, and Karl Pagel, N6BVU.)

Tnx ARRL LETTER

F.A.R. ANNOUNCES SCHOLARSHIPS

THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with Headquarters in Washington, D.C. plans to award fifteen (15) scholarships for the academic year 1984-85. The Foundation composed of fifty local area amateur radio clubs, fully funds two of these scholarships from the proceeds of its annual Hamfest. It administers without cost to the donors, three scholarships for the Quarter Century Wireless Association, two for the Dade (FL) Radio Club and one each for the Radio Club of America, the Edmund B. Redington Memorial, the Amateur Radio News Service, the Columbia (MD) Amateur Radio Association, the Baltimore (MD) Amateur Radio Club and the Lewis G. Wilkinson Memorial.

Licensed Radio Amateurs may compete for one or more of these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled or have been accepted for enrollment in an accredited university, college or technical school. Most of the scholarships require the applicant to hold at least an FCC General Class license or equivalent. The scholarship awards range from \$350 to \$900 with preference given in some cases to residents of specified geographical area or the pursuit of certain study programs.

Additional information and an application form can be requested by a letter or QSL/postcard, postmarked prior to May 31, 1984 from:

F A R Scholarships
6903 Rhode Island Avenue
College Park, Maryland 20740

The foundation is devoted exclusively to promoting the interests of Amateur Radio and to those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

FOR SALE: SR-206 commercial grade SSB transceiver, all solid state, 6-channel XTAL controlled. SR-110 1KW linear amplifier, broadbanded. Both are mounted in a 6ft. instrument rack. \$495 or best offer. Contact KA2JRK or N3CKH, 244-4005.

FOR SALE: Drake Station - R-4C, T4XB, power supply, speaker, manuals, cables. Mint condition - \$500 - Call Herb Haddleton, WA2MST, 225-4564.

ESTATE SALE: Ham gear - For list and information call WA2ATV, 594-9232 or KA2JAJ, 889-4857.

THE BLOWN FUSE

by Bill Clarke, WA4BLC

Spring is coming, and so is the warm weather ... I hope! With it comes all the necessary outdoor ham radio projects.

Here's a list of handy hints to make your work easier and installation safer:

1. Check all coax lines for proper installation. See that they can't blow in the breeze and chafe the insulation away. If any have bad insulation, replace them. Moisture inside a coax line can raise havoc with line loss ratios, particularly at VHF frequencies. Don't let any of your lines get kinked, as that too will lead to broken insulation, or even broken conductors.

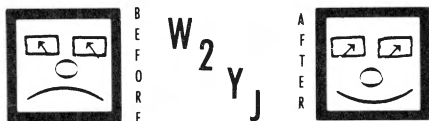
2. Check all coax connectors for tightness, then weather seal them. I recommend using GE Silicon RTV for this job. It can be purchased at any hardware or drug store, at the ham's favorite price ... CHEAP! Those sealing compounds you find at the ham radio stores only cost more money, they don't work any better.

3. Check all your attachment points on towers and antennas. It's funny, but old Jack Frost has a way of working them loose during the winter.

4. Look at your grounding connections, they must be secure, or you don't have a good ground. Poor grounds raise havoc with receiving, and can make tune-up difficult on the HF bands. Also a poor ground won't help you much for lightning protection. In addition check the conductors themselves. Many hams use aluminium wire for ground conductors, not realizing that the wire is very prone to corrosion and breakage. Never splice a ground conductor, replace it.

5. If you use halyards over branches of trees to support your low band antennas, now is a good time to replace them, as all rope deteriorates from exposure to the elements. Of course you could wait until they're more handily located on the ground, after they rot in two and fall down.

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47 Wren Avenue
Lancaster, NY 14086

Clipperton DX-pedition Cancelled!

We received a letter from Kip Edwards, W6SZN, last January telling how a group of U.S., French Polynesia and German operators would be operating ham radio from Clipperton Island during March. Equipment had been provided by Henry Radio, Icom and Cushcraft. They were to journey on the 90 foot Swedish sailboat, the Svanen. Clipperton is located 500 miles off of the coast of Central America in the Pacific Ocean.

Last week we received another letter from Kip telling us that the Clipperton Island Dxpedition had been scrapped since their chartered boat had encountered engine trouble and couldn't make the trip. Another schooner (a 92 footer) was located but didn't show up on schedule. When it was finally located, it too had engine trouble!

When no other transportation to Clipperton could be found, the group returned to California. They still hope to go, but there is no telling when it will be.

Tnx W5YI REPORT

6. Check all your antenna wire and make sure that they're high enough above ground level to keep the kiddies from touching them. When the kids are hanging on them it's difficult to tune a transmitter and when their parents find out they got hurt by one of those dangerous high voltage wires, when they were where they shouldn't have been in the first place, you'll have to explain it to your insurance company.

7. Speaking of kids ... if you have a tower, be sure you have at least attempted to make it climb resistant. The law views towers as attractive nuisances, that act as magnets in attracting the innocent into doing dastardly deeds such as climbing them and falling off. Of course if their parents taught them respect for other people's property, we hams wouldn't have to watch out for their wrong doings.

8. While you're out washing your car, you ought to check the mobile rig out too. See that the wiring is till attached securely, and that vibration has not chafed the insulation away. Here again, replace any questionable wire, else you might block rush hour with your burning car when the wires finally short out. While checking the mobile make sure all primary wires are fused. That big wire you ran to the battery should be fused close to the battery.

9. Well, now that you've spent two days doing all this, and it looks like it might rain in ten minutes, better ask the XYL if she has anything that needs doing. After all the rain just might save you from doing it, then you'd be forced to retreat to your shack, aw darn!

Via AUTOCALL

BELL SYSTEM REORGANIZED

The Wall Street Communications Association Board of Directors has issued the following clarification of the Bell divestiture:

Many Bell employees have questions about Divestiture. To end any confusion, we present the following concise explanation:

First, a fully separate subsidiary (FSS) will be established for the unregulated competitive areas of communications. Both the regulated and unregulated companies will be owned by AT&T.

Next Data will be bundled with the Network. Both, in turn, will be divided into bundled and unbundled segments. The bundled segment will be called Datawork and the unbundled segment will simply be called NET. The unbundled NET Department will be merged with the unregulated, but bundled, Marketing Demand Segment which will oversee the Phone Centers. The Phone Centers will be expanded and merged with a fast food chain. Residence Services will be split and merged with Building Services.

The Annoyance Call Bureau will now handle collections. Special Services will be renamed Perplexing Services and will be merged with BPOC. Installation and Repair will be abolished. Their functions will be handled by Sears on a mail-order basis. All Dimension PBXs will be sold by Heath in kit versions. Bell Labs will merge with Radio Shack and will produce a new phone system called the Trash-85. Western Electric will move to Singapore and be renamed

NEW MUSEUM HOURS

The AWA Radio Museum will be open Saturday afternoons during the summer months. Scheduled times are: Sunday 2 - 5 p.m., May thru October. Saturday 2 - 4 p.m. and Wednesday 7 - 9 p.m. June, July and August.

Most guides are RaRa members. Everyone welcomed. Free admission. Location: Old Academy Building, East Bloomfield, (Holcomb), 5 miles south of Victor.

STOLEN RIG

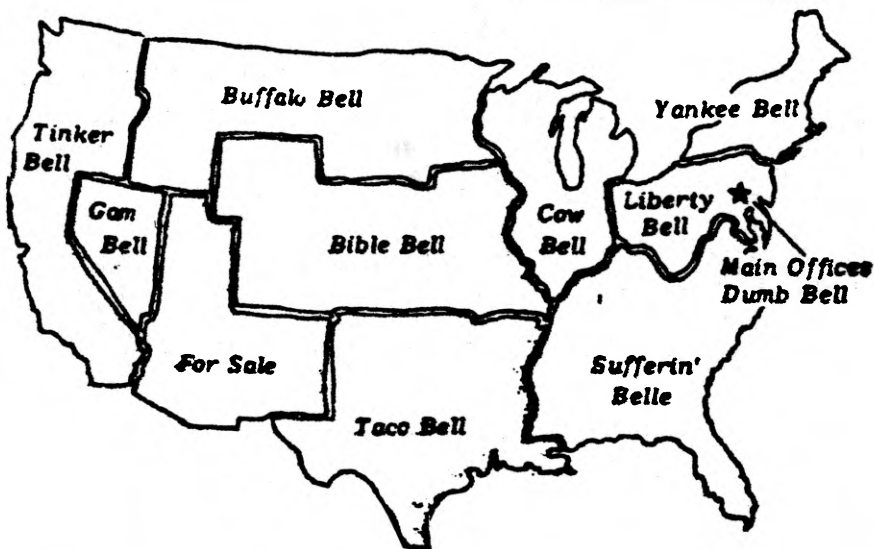
Kenwood 7625 belonging to W2EBF, Don Drennan. W/Drake tone mike. S/N 910073. Stolen from North Webster area.

Eastern Electric. Eastern Electric will then merge with Western Union. For clarity's sake, the merged company will be called Eastern Western Electric Telephone, Telegraph and Data Corporation.

On every Tuesday at 4 P.M. when the MUZAK stops, all employees will change seats.

We hope this simple explanation will clear up any questions you might have.

Thanks to "Disconnect" Magazine



FCC NEWS ... a capsulized report

from W5YI REPORT

The Commission plans a **stepped up fight against rf signal leakage** from cable TV systems – particularly those that **radiate on aeronautical frequencies**. A crack down is planned with six months. Speaking at a recent cable trade show, Clifford Paul (former chief of the FCC's microwave division) said the cable industry could expect **stiffer fines and stricter inspections**.

The FCC has Okayed the **Zenith Sound Standard** for the TV broadcasting industry. This is the industry's own chosen technical standard for **multichannel television sound**. The Commission refused, however, to **require cable systems** to use the technology. FCC Chairman Mark Fowler said he was opposed to **"technology by government edict."** Not a surprise in view of the FCC's stated **"let the marketplace decide"** position.

Another TV standards committee recently agreed to establish standards for HDTV – **high definition television**. The standards will be 1,125 lines (twice the resolution of present 525 line scanning lines) and a five-to-three aspect (size) ratio. Present day television sets use a four-to-three size ratio. The new size will closely match that used by 35-mm motion pictures. The goal of the new HDTV standards is to match the picture resolution of movie theatres.

The Federal Communications Commission has requested information from the public concerning methods by **passing the local telephone company**. They want to evaluate the local area exchange market and determine what long range effect **'bypass'** will have on universal telephone service. Phone company officials have cited microwave radio, satellite-based teleports, private network vendors, cable TV, cellular mobile radio

– among others – as having the capability to exclude local telephone companies from participation.

The FCC has officially proposed (NPRM, PR Docket 84-279) use of **narrowband technology** in the Land Mobile Radio Service. The technology, known as ACSB, amplitude companded sideband, is a more spectrum efficient mode than conventional FM land mobile technology because of **greatly reduced channel width**. Narrowband use is proposed for stations operating in the 150 MHz frequency band. ACSB uses 5 kHz channel spacing while conventional FM spacing requires 20 kHz.

The FCC in Washington is trying to **recruit an Electronics Engineer** for employment in the Private Radio Bureau. An opening exists for an entry-level engineer with a BSEE. Salary level: \$17,300 to \$26,000. Send resume indicating experience, education ... honors, etc., to FCC, Private Radio Bureau; Attention: Special Services Division; 2025 "M" Street NW; Washington, DC 20554. A ham license isn't required, but **"it would be a 'plus'."**

The FCC is considering a new **spectrum use management plan** that is due to raise some eyebrows next month at the NAB convention! Under the new method (which won't apply to the amateur service), licensees will be allowed to use their frequency allocations for more than one purpose ... or they even could **"sublet" spectrum** to others! Reportedly, the only constraint to leasing frequencies to other will be that interference not be caused to existing licensees. The flexible spectrum is scarce and potential users are high ... **such as in the business band**. Thus a UHF TV channel could be used for Land Mobile communications during the day – and for broadcasting at night! **It could catch on nationally!**



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