



# the **RaRa RaG**

Published by

**ROCHESTER AMATEUR RADIO ASSOCIATION, INC.**

Rochester, N.Y.

APRIL 1984

Volume 36 No. 8



The Club's station at the 1926 exposition. Two complete stations were in operation.

## **RaRa TO CELEBRATE ROCHESTER'S CENTENNIAL**

**at Old Timers Nite, April 6th**

by Bruce Kelley, W2ICE, Club Historian

The annual RaRa Old Timers Night with Bruce Kelley, Club Historian, will be held at the 40/8 Club, 933 University Avenue on Friday, April 6th at 8 p.m.

The club historian will show historical slides of Rochester covering the period between 1922 and 1934:

- early Rochester streets
- amateur activity including the club's publicized 1926 air-to-ground demonstration
- old time entertainment and movie theaters
- Rochester's first broadcast stations . . . development of WHAM from a 50 watt to 50 kw.
- Rochester's first police radio station
- early amateur magazines and radio stores.

Old time phonograph records will accompany the presentation.

The ground-to-air demonstration took place in October, 1926, during the Rochester Exposition when local amateurs had an exhibit and working station at old Convention Hall. Ducky Dengler (W2LK) and Gene Handler (W2LF), the club's president, volunteered to handle the demonstration of talking between a plane and the exposition booth.

A picture shows Gene in leather helmet in an open cockpit holding a single-button mike. The event was headlined in the *Times-Union* and stated communication was successful at an altitude of 3000 feet!

# the **RARA RAG**

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**ROCHESTER AMATEUR RADIO ASSOCIATION, INC.**

P.O. Box 1388, Rochester, NY 14603-1388

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## LETTER FROM THE EDITOR

From time to time, certain individuals perform services that are above and beyond the "call of duty". I would like to recognize two of these individuals who contribute much to me and the *RAG*.

Every second or third month I get caught in a scheduling bind when it come time to collate and stuff the *RAG* into envelopes for mailing. Either I must go out of town, or have a very tight meeting schedule, or am ill, etc. Four doors down the street from me lives Herb Jordan, WA2MSA, and his lovely wife, Dorothy, both club members and retired. With little or no notice, I can drop by with the bags of *RAG* sheets and envelopes and within 4 or so hours they will have it ready for me to band, sack and mail.

They also stuffed the Directories into envelopes for us so I could get them mailed faster. If you should run across Herb or Dorothy in your travels on the bands, give them a hearty thanks for me and the rest of the club. They deserve it!!!

**VOL. 36                      APRIL 1984                      NO. 8**

### OFFICERS:

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Vice-President: Ray Roberts, WA2SSU                      663-6157  
Secretary: Alan Komenski, AC2K                      248-8286  
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## PRESIDENT'S CORNER

by Bill Thiel, K2KGE

"Oh to be a ham now that spring is here!"

This slight paraphrase of Robert Browning is especially appropriate if you're a ham in Rochester. Springtime brings a gourmet menu of ham activities.

For an appetizer there's our Old Timers nite meeting with Bruce Kelley doing his usual excellent program. We're expecting a big crowd so come early.

The main course - Dayton. It is a truly spectacular event - Ham Heaven the last weekend of April.

For a beautiful dessert, our own Rochester Hamfest May 18 - 19 is a superb event and is especially enjoyable after one has been to Dayton.

Also sprinkled in are delightful side dishes as the May meeting, the gearing up of Public Service events, and if we're lucky the weather will be bad enough to get some antennas up. It all culminates in a literal feast at the June picnic.

Quite a menu so get prepared. And if by chance you're not overstuffed early summer brings Field Day, the ARRL National in New York City ... etc.

## SILENT KEY

**WB2CNQ, Eugene Schwartz**  
Hollywood, Fla.

## COP'S CORNER

by Howie Davies, N2CUN, RPD

I noticed while driving around Monroe County and the City of Rochester a problem that needs attention. If your home should catch on fire, you would call the fire department and expect the firemen to save your home. That means when the fire trucks arrive, hoses are connected to fire hydrants for a water supply.

Many times in my travels I've seen hydrants that are buried with snow. If the firemen had to shovel to get to that hydrant, that time shoveling could mean the difference in saving life and property.

It takes only minutes to clear the snow out from around a hydrant in front of your home. *Adopt your hydrant* and keep it clear. You never know when that hydrant will be needed to save what everyone holds so dear.

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## FCC VOTES TO DROP COMMERCIAL LICENSING PROGRAM IN 6 MONTHS

With very little fanfare – and practically no surprises – the FCC unanimously voted to discontinue its technician licensing program for all private radio services but those governed by international treaty February 23rd.

The end of the program will not formally come, however, until 180 days after the formal release of the commission's decision to allow time for land mobile interests to get their own programs going and to get a clearer idea of interference complaints to evaluate the impact of the FCC action.

The commission will endorse no specific program, but will make personnel from the agency's Private Radio and Field Operations Bureau available to assist in the establishment of an industry-sponsored technician licensing program, it said.

*Tnx INDUSTRIAL COMMUNICATIONS*

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## 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*

## APRIL RAG CALENDAR

- 6 - RaRa meeting, 8 p.m., 40/8 Club, 933 University Avenue
- 11 - RaRa Board of Directors meeting, 7:30 p.m., Annual Dinner Meeting
- 11 - April Rag Deadline to KB2BU
- 13 - Rochester VHF Group meeting, County Social Service Building, 111 Westfall Road
- 27 - RRRR meeting, 8 p.m., Pittsford Town Hall

### ESTATE SALE

Station WA2JMH is being sold. For details, send a #10 SASE to R. Carlson, P. O. Box 495, Holcomb, NY 14469.

## RRRA APRIL MEETING: THE COPS ARE COMING!

Police officers from the Monroe County Sheriff's STAR unit will present a program on their job and tools they use in the enforcement of Driving While Intoxicated laws. The meeting will be held at the Pittsford Town Hall on Friday, April 27 (*note the date change due to Good Friday*) at 8 p.m.

Also, during the business meeting the all-important nominations process to elect officers for 1984-85 will start. Make plans now to attend this interesting meeting!



Bud Hipsley, K2KIR, ARRL Vice Director at March RaRa Meeting.

## AMATEUR RADIO AND THE LAW

by Sherwood Snyder, W2KFU

After reading about Amateur Radio and the Law in the February issue of *The RaRa Rag*, I thought it would be interesting to report about a lawsuit in the Supreme Court of the State of New York. Kings County Repeater Association sued Busacco and Busacco. The case was decided in September 1983.

The Repeater Association complaint alleged that the defendants willfully, wrongfully and unlawfully, and with intent to harass, create personal injury and inflict emotional distress, interfered with and jammed the operation of their repeater equipment.

The Court found the following to be established facts:

1. That the jamming of the repeater frequency prevented the plaintiffs from obtaining access to the 911 police emergency frequency and from communicating with one another.
2. That the Association spent \$200.00 for a filter to prevent the defendants from jamming the repeater frequency.
3. That by means of a direction finder, the plaintiffs located the origin of the signal.
4. That members of the Association located the unlisted telephone number of the defendants and repeatedly phoned their home.

The first question that the Court had to decide was whether a State Court had jurisdiction over a matter which Congress had legislated. The Court held that it had jurisdiction because Congress, when it enacted the Federal Communications Act, did not intend to displace local law covering private causes of action, but only intended to preserve the effective use of radio facilities.

Secondly, the Court determined that it could not award damages for alleged mental distress nor for personal injury as the plaintiffs failed to meet their burden of proof as to these issues. The Association had no standing to assert the personal rights of its individual members. The individual members would have to be plaintiffs for their own alleged personal injury actions.

The Repeater Association's complaint also alleged a cause of action for punitive damages. Punitive damages are generally imposed to punish a defendant and to deter him from indulging in similar conduct in the future. The Court found disfavor not only in the conduct of the defendants, but also in the conduct of the Association. The Judge said he could not grant a penalty against one wrongdoer and give a windfall to another.

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(AT BULLS HEAD)

## KA2KGM Appointed A.I.R.S. Station

Steve Sykes, KA2KGM, has been appointed by the ARRL as an AIRS station. He will be monitoring the HF bands for non-amateur broadcasting. Should anyone desire to help with this project, please contact Steve at 288-0920.

Lastly, the Court said a State Court could not grant an injunction to the Association because Congress authorized the Federal Communications Commission to assign frequencies for each individual station, and wherever any person fails to obey an order of the FCC, other than for the payment of money, the other party may apply to the Federal District Court to obtain enforcement. Therefore, the Court said it was the Congressional intent to preempt the field of allocation of frequencies to avoid interference. Had the State retained the power to enjoin individuals, there could be a conflict between the Federal and State laws which would create confusion.

Judgment was awarded to the Repeater Association against the defendants for \$200.00 as the only damages proven.

## THE RaRa RAG 20 YEARS AGO

by Ed Gable, K2MP

This was a busy issue divided between the Hamfest announcement and part 4 of Bruce Kelley's series on the history of RaRa. Anyone having access to these *Rags* would do well to read the fascinating articles on early Ham and Club activity in the Rochester area.

The Western New York Hamfest will be held for the first time at new larger facilities: Vincés' 50 Acres on West Henrietta Road. Featured guests include Bill Halligan, W9AC, the founder of the hallicrafters company, Ed Tilton, W1HDQ, of ARRL Technical fame, and Elmer Schwittek, K2LAF, from RF Communications, Inc. \$4.50 in advance, to Ticket Chairman Bill Ehler, WA2JMH, will get you your Registration ticket and a Ham(!) dinner at the banquet. The Hamfest talk-in station will be W2AN/2 on 50.4 Mcs, AM.

The April meeting featured RaRa's past Presidents of which 11 were in attendance. Stan Hazen, K2SSB, Nominating Committee Chairman, presented their slate: Cliff Milner, K2SKO, President; Harold Smith, WA2KND, VP; with Hank Kreutter, WA2IKB, and Larry McConnell, K2UCI, for Secretary and Treasurer. To the Executive Committee: Cappy Capauldy, K2UXF; Pat Hennessey, WB2FVG; Russ Heuer, K2PLO; Bill Kuehne, WA2ZQN; Jack Morse, K2KFN; Hank Schwalenstocker, WA2RXL; and Carl Thoresen, K2HCD.

A half page photo of RDXA members in the early fifties is a sight to behold. Sax Ringler, W2SAW, wins the longevity award for not changing a bit, followed closely by Vic LoTempio, W2RIS.

Joan Kirkbright's (WA2YTK) VHF Splatter column announced Chuck Oneske, K2YCO, was stepping down as Six Meter Net Director. Carl Thoresen, K2HCD, will pick up the role. Dave Russell, WA2GIA, of RF Communications, spoke to the VHF Group on power supply design.

Hi-C Electronics on State Street advertised a complete line of radio and TV parts.



Amateur Radio News Service

## Safety Goggles in Car Are Suggested

From W6SD CARRIER,

San Fernando Valley A.R.C., Inc. via MIKE & KEY

When Amateur Radio Operators let their car battery run down and then jump-start it to get the car on its way, Safety Goggles are a must to protect your eyes says the National Society to Prevent Blindness. The goggles should also be worn when changing a flat tire.

Last year more than 12,500 persons suffered battery-related eye injuries that required treatment in a hospital emergency room. Ninety percent of those injuries could have been prevented by use of safety goggles. It is important that motorists carry protective eye wear in their cars, and know the correct way to jump-start a dead battery. It is recommended that goggles be worn when performing any eye-hazardous job, such as changing a tire. An exploding car tire can discharge casing, tool bits and chemicals into the eye.

### To jump-start a dead car battery:

Put out cigarettes and flames. Set both the parking brakes and automatic shifts to park (manual transmissions to neutral). Turn ignition off. Add battery water if needed. Replace caps, cover with damp cloth. Don't jump start if fluid is frozen. Do not jump start unless both the batteries are negatively grounded and the same voltage. American cars are either 12-volt or 6-volt. Check owner's manual.

### To attach cables:

Clamp one jumper cable to the positive pole of dead battery. Then clamp the cable's other end to the positive pole of the good battery. At the good battery, clamp second cable to the negative pole. Then clamp the cable's other end to the dead car's engine block on the side away from the battery.

Start the car with the good battery. Then start the disabled car. Remove the cable from the engine block and other car's negative pole. Then remove the cable from the positive poles.

To order a yellow vinyl sticker that lists the jump-start procedures, send 25 cents and a self-addressed stamped envelope to the National Society to Prevent Blindness, Jumper Sticker, 5th Floor, 79 Madison Avenue, New York, NY 10016.

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WANTED: Radio tubes: 6D6, 6C6, 6B7, 42.  
Ed Gable, K2MP, 621-6692.

# FCC APPOINTS 5 VECs, RELEASES VEC GUIDELINES

via ARRL LETTER

FCC announced on February 27 the appointment of Volunteer Examiner Coordinators for five of the 13 call-area "regions" defined in Section 97.507(b) of its Rules: the Second, Eighth, Ninth, Alaskan, and Caribbean areas. The release did not include the addresses of the five VEC's, but we obtained that information from the FCC. The newly appointed VECs are: Region 2 - Metroplex Amateur Communication Association, P.O. Box 237, Leonia, New Jersey 07605; Region 8 - Dayton Amateur Radio Association, P.O. Box 44, Dayton, Ohio 45401; Region 9 - DeVry Amateur Radio Society, 3300 N. Campbell Avenue, Chicago, Illinois 60618; Region 11 - Anchorage Amateur Radio Club, P.O. Box 101-987, Anchorage, Alaska 99510-1987; Region 12 - Director of MARS, P.O. Box 7388, Cidra, PR 00639.

FCC gives credit to the Anchorage club as being the "first" VEC, on the basis of its having contacted the Commission on December 6.

While these appointments hold out the possibility of some amateur examinations being given in these regions prior to implementation of the ARRL Volunteer Examiner Program, the FCC announcement does not directly affect our plans. At this time, an extensive document drafted by ARRL staff detailing the proposed operation of the ARRL VE program is under final review by the Ad Hoc Committee on Licensing, and we hope it will be available for review by the full Board before the Annual Meeting on March 26 - 27. The ARRL will apply for VEC status once the FCC has enacted rules permitting the recovery of VEC expenses.

The Commission also released the instructions for Volunteer Examiner Coordinators on February 27. This eight-page document specifies sixteen VEC functions. The Commission recommends that VEC's recruit as many Extra class Volunteer Examiners (VEs), as possible, since only Extras can administer *all* amateur tests.

The VEC will be responsible for just about *all* aspects of Amateur Radio exams. The Commission also points out that the VECs must impress upon the VEs that they play a key role in the integrity of the Volunteer Examiner program. FCC suggests that the VECs train the examiners on how to administer and conduct exam sessions.

# FCC Gives Instructions To New VECs

via W5YI REPORTS

The FCC has issued instructions to the five newly appointed **Volunteer Examiner Coordinators (VECS)** explaining to them the steps they are to take now that they have been appointed to coordinate the efforts of volunteer examiners in administering amateur radio operator licenses.

The FCC said in a February 27th release "*As a Volunteer-Examiner Coordinator ... you are the link between volunteer examiners in your region and the FCC.*" The Commission called the VECs "a major safeguard to the integrity of the volunteer examiner program." Among the instructions given to the VECs are:

## CONTACT WITH THE FCC...

The VEC should **name a contact person and a alternate** to conduct day-to-day communications with the FCC. One of these individuals must be available during normal business hours to answer questions that may arise during the processing of applications forwarded to the FCC by the Coordinator.

The VEC should address all correspondence to: **General Radio Branch, FCC, P.O. Box 1020, Gettysburg, Pennsylvania 17325.** The Commission said that the FCC licensing contact person was a "Larry Weikert" and alternate "Darlene Reeder" at (717) 337-1521. Only VEC calls concerning amateur radio applications forwarded to Gettysburg should be made to these individuals.

## RECRUITING/ACCREDITING EXAMINERS ...

The VEC should **make known throughout his region** that they are the Coordinator and that "*you are recruiting volunteer examiners (VEs) to administer examinations.*" The FCC suggested contacting radio clubs and that the Commission would also "*publicly announce that your organization has been named a VEC.*"

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## VEC INSTRUCTIONS (Continued from page 6)

The FCC asked the new VECs to try to recruit **Amateur Extra class operators as VEs** "since they can administer all examinations." Advanced class operators can administer only the Technician Class examinations. No other class of licensee can participate in the program.

Other VE qualifications that the FCC insisted on was that ..

A VE must have a **current Extra-Class or Advanced license** ...

...must **not** have ever had his/her amateur license **revoked or suspended** ...

... and must **not** own a significant interest in or be an employee of a company or entity engaged in the **manufacture or distribution of amateur radio equipment** or engaged in the **preparation or distribution of license testing material**.

The FCC went on to say that certain (normally excluded) amateurs **could be accredited** as VEs if the VEC was satisfied that they do not normally communicate with those engaged in such radio manufacture or publishing. (In which case the VEC should issue a letter of accreditation to each examiner accredited.)

## COORDINATING EXAMINATION SESSIONS

The VEC can only coordinate ham test sessions within their region **and outside the thirteen regions**. The thirteen radio districts are: 1 through 0 plus the Alaska, Caribbean and Pacific areas. (The Commission said any VEC could arrange for testing "in Europe or South America" – for example.)

"Contact amateur radio clubs and other organizations who sponsor hamfests and other organized gatherings in your region about sponsoring examination sessions, either as an adjunct to their hamfests or as separate activities," the FCC wrote. Both large and small sessions can be conducted – "even for only one person ... (such as for) persons with handicaps."

Once a VEC has agreed to coordinate an examination session, "you should decide if the registration deadline should be set ahead of the examination date" in order to know how many candidates to provide for. "The registration deadline can be the same day as the examination session ..." The VEC must notify the FCC District Engineer-in-Charge 30 days before the exam session deadline and advise them of the time, place and registration requirements.

When coordinating exams outside a Region (such as in Europe) the FCC in Washington (Field Operations Bureau) **must be notified**. The

Commission said it would be permissible to submit a scheduled series of examinations in lieu of an individual examination notification. In addition, notification in writing of all exam sessions must be made to the: Consumer Assistance Branch, FCC, Gettysburg, Pennsylvania 17325.

## UNIQUE IDENTIFIER CODES

... were ordered established for **each examination session** coordinated by the VEC. There are 90 identifiers to select from: WA through WZ, KA-KZ, NA-NZ and AA through AL. The FCC said that any identifier could be reused after 90 days. "Should you need to coordinate more than 360 examination sessions per year (90 identifiers times 4 times) ... you may add a number after these letters. The same letters are used in all call areas.

## CERTIFICATES OF SUCCESSFUL EXAMS

Volunteer Examiners (not the VEC) will issue each candidate that scores a passing amateur radio test grade a "**Certificate of Successful Completion of Examination**." These certificates serve two functions: **Telegraphy element credit** (when a candidate passes the higher class CW requirement but fails the required written test) and **Temporary operating authority**.

The possession of the certificate validates temporary operation with the rights and privileges of the higher class until the new license is received or for a period of 90 days, whichever comes first.

The FCC advised each VEC that the Certificate **could be made up by them** but that "... care must be taken to discourage alteration or imitation." **Each certificate issued must contain:**

- (1) Recipients Name,
- (2) Amateur Call Sign (if available),
- (3) Telegraphy Element Successfully Completed
- (4) Operator Class Successful Completed,
- (5) Examination Session Identifier,
- (6) Date Examination Successful Completed,
- (7) Signature of each of the 3 Volunteer Examiners Administering the Exam,
- (8) Amateur Call Sign of each VE.

The Commission said that the VECs could provide copies of the Application Form (FCC form 610) and that they could be duplicated from FCC copies. (Current version is dated: **December 1981**.) "Until the new Form 610 is available, (this version) must be used together with a temporary FCC Form 610 Attachment." This attachment is used by the VEs for the **Examiner's Report** (Section I) and **Examiner's Certification** (Section II-B). The attachment forms can also be duplicated, the FCC said.

(Continued on page 8)

## VEC INSTRUCTIONS (Continued from page 7)

### PROVIDING TEST MATERIALS

VECs were cautioned that they must **carefully safeguard test materials** from premature disclosure. A system of accounting for the whereabouts of test materials at all times was ordered created “so that you will immediately become aware of missing or compromised test materials.”

Questions will be **selected by the FCC** “from the appropriate question list – PR Bulletin 1035 Series. “The FCC will periodically send ... a list of the question numbers to be used. “You may have examination sheets containing the designated questions printed, or you may inform the volunteer examiners of the questions to be used from the list. In either case, you may choose the answer form to be used: **single answer, multiple-choice or essay.**”

Telegraphy materials can also be provided by the VEC if they so choose. “It has been our (the FCC’s) experience that a receiving test alone is adequate proof of both sending and receiving capability.”

### COLLECTING TEST MATERIALS

VEs must return all testing materials to the VEC (after grading the tests) along with the application forms (610s) **within 10 calendar days of the examination.** The VECs were directed to devise a system to track the return of materials and forms. “If a VE wilfully or repeatedly fails to observe these requirements, **remove the accreditation of the VE.**”

### SCREENING APPLICATIONS

Each application received by the VEC must be **date stamped and screened** for completeness and authenticity. The following procedure was ordered instituted by the VEC.:

- (1) Verify that the VE’s have been accredited by your organization.
- (2) Make certain the **Team Report** on the FCC Form 610 Attachment is correctly filled out and required elements passed.
- (3) VE certification must be properly filled out on the applications.
- (4) Make sure the applicant has properly filled out the application. A photocopy or original of the license must be attached.

### DEFECTIVE APPLICATIONS

The Commission said that the VEC’s objective “should be that no defective applications are forwarded to the FCC...” Each VE should carefully review the application before administering the exam and have the applicant make any necessary

corrections. The FCC suggested that the VEC remove any examiner that is lax in the review process.

“If you discover any discrepancy in the information supplied by the applicant, resolve the matter directly with the applicant. Either have the applicant make the necessary corrections or obtain a signed and dated letter from the applicant authorizing the changes to the application.”

On handling errors by the VE, “If you discover a discrepancy in the information supplied by the VEs, do not forward the application to the FCC until you have resolved the matter with the VEs. Notify the applicant that there may be a delay in forwarding the application to the FCC. If the VEs have issued a Certificate of Successful Completion in error, the VEs should be instructed to amend it, or rescind and recover it.”

### FORWARDING APPLICATIONS TO THE TO THE FCC

All successful applications must be forwarded to the FCC (P.O. Box 1020, Gettysburg, Pennsylvania 17325) **within 10 days.** A test report must be included for the examination session which indicates the place (city/state), date, “unique test identifier”, number of applicants for each class of license and the “pass/fail results”.

A letter of explanation must be submitted if the applications are not forwarded within the 10 day limit. VEC were cautioned, “Wilfull or repeated failure to forward applications on time may result in termination of your status as a VEC.”

### RECORD KEEPING SYSTEM

VECs are required to **establish a system of records** for each examination session coordinated. Dates, test sites, names of VEs (and their qualifications), names of candidates and their test results must be retained and be made available to any authorized FCC representative upon request.

### QUESTION EVALUATION

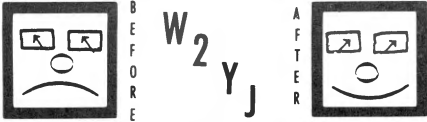
VECs required to constantly **evaluate the clarity and accuracy** of examination questions “on the basis of the experience you accrue as a VEC.” An **annual report** should be submitted to the FCC on recommended revisions or deletions of questions from the question lists.

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**FOR SALE – Drake R-4C, T-4XC, MS-4, AC-4, FS-4 Synthesizer, 7075 Mic – Mint Condition – \$650. Call Don Taylor, KB2BU, 586-3158.**



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## THE UoSAT-2 IS IN ORBIT

via WESTLINK REPORT

The experimental satellite was successfully launched on Thursday, March 1st, as a secondary payload from the Western Missile Test Range at Vandenberg Air Force Base in California. UoSAT-2, formerly the UoSAT-B, was carried into orbit by a modified United States Delta 3290 booster. The primary payload was the Landsat-D satellite, and both birds were successfully injected into orbit.

UoSAT-2 is in a circular polar orbit at an altitude of approximately 300 nautical miles. Controllers say that the satellite is in nominal condition with the only problem being the start-up of the 2 meter beacon transmitter. It is believed that a combination of cold temperature levels and on-board current limiting are responsible.

Initial operation of the beacon was proper until shut-down and an attempted re-start in orbit number 3. The 2 meter beacon frequency is 145.825MHz, with additional UHF beacons on 435.025 and 2401.5 MHz. The satellite is under the primary control of the University of Surrey in the United Kingdom, with a back-up ground control station located in Los Angeles, California. Tnx AMSAT-UK, AMSAT-US, K6PGX, WA2LLW.

## YOU CAN TELL IT'S GOING TO BE A ROTTEN DAY WHEN . . . .

You wake up face down on the payment.

You call Suicide Prevention and they put you on hold.

You turn on the news and they are showing emergency routes out of the city.

Your blind date turns out to be your ex-wife.

Your wife says "Good morning, Bill" and your name is George.

from *GEARS Bulletin*

## FCC TO ALLOW HAMS TO SELL ADS

In a move to alleviate the effects of the latest round of budget cuts, the FCC had told highly-placed members of the Amateur Radio Community that it will authorize hams to sell advertising on their QSOs in the ham bands. Proceeds from the sales will be turned in to the FCC and used by the Commission to help pay salaries, police the airwaves, etc. Hams would not be allowed to keep the revenues from their ads, an FCC spokesman said. According to FCC informant, Spiffie Jivvetts, "The Commission intends to control the number of 'spot announcements' that a ham station can sell during a QSO, so there won't be the kind of commercial pollution you see in commercial broadcast radio." He went on to explain that ads on the ham bands would be limited to no more than five minutes every half hour. The new policy is expected to go into effect in July 1984. Before long we can expect to hear more and more QSOs like this: "Thanks, OM for the call, but before I fill you in on the QTH, and the RST, lets take time out for a word from Little Crusties, the ham-flavored breakfast cereal for real hams." Late word in from the GEARVAKf Newsroom says that the League of Radio Relaying Americans has volunteered to act as an agency for all hams in the placement of advertising on their sections.

— N8JR via GEARVAKf

## SAYLARC LUNCHEON AT HAMFEST

Plans for the Second Annual SAYLARC Rochester Luncheon are nearly completed.

Date: Hamfest Saturday, May 19, 1984

Time: 12:30 p.m.

Place: Oakley's American Restaurant

Marketplace Mall

Oakley's has a delightful atmosphere and the menu has many delectable entrees at moderate prices. There will be a copy of the menu at the Ladies Booth in the Dome Arena.

A convenient meeting place at the Hamfest is the Ladies/SAYLARC Booths. Plan to use the shuttle van service to and from Marketplace Mall for the luncheon and/or shopping. The shuttle service is free to those holding \$5 Hamfest registration ticket.

If you plan to attend the luncheon, please contact me at 889-2536 *before* May 5, 1984. The luncheon is open to all licensed or interested YLs and/or OMs.

Lee Van Grol, WA2YEK

## WTAW BULLETINS:

HR ARRL BULLETIN NR 16 FROM ARRL HEADQUARTERS

NEWINGTON CT MARCH 9, 1984

THE FCC HAS RELEASED A NOTICE OF PROPOSED RULEMAKING ON THE SUBJECT OF REIMBURSEMENT OF OUT OF POCKET COSTS INCURRED BY VOLUNTEER EXAMINERS AND VOLUNTEER EXAMINER COORDINATORS IN CONNECTION WITH THE PREPARATION, PROCESSING OR ADMINISTRATION OF AMATEUR RADIO EXAMINATIONS. FCC PROPOSES IN PR DOCKET 84 265 THAT VOLUNTEER EXAMINERS AND VOLUNTEER EXAMINER COORDINATORS MAY BE REIMBURSED FOR ACTUAL EXPENSES INCURRED, BUT TOTAL REIMBURSEMENT FOR AN EXAMINATION MAY NOT EXCEED FOUR DOLLARS. THE FOUR DOLLAR FIGURE MAY BE ADJUSTED ANNUALLY FOR INFLATION. FCC DOES NOT SPECIFY HOW THE REIMBURSEMENT FEE IS TO BE DIVIDED BETWEEN VEC AND VE. COMMENTS ARE DUE BY APRIL 16, REPLY COMMENTS BY MAY 1. DETAILS WILL BE IN THE ARRL LETTER FOR MARCH 15 AND IN MAY QST AR

HR ARRL BULLETIN NR 15 FROM ARRL HEADQUARTERS

NEWINGTON CT MARCH 7, 1984

WE MAY HEAR THE UOSAT OSCAR 11 BEACON IN A FEW WEEKS. THE 145 MHZ BEACON IS ACTUALLY ON BUT IS VERY WEAK AND ONLY MOONBOUNCE RECEIVING EQUIPMENT CAN HEAR IT. THE SATELLITE WILL BE COMMANDED FROM CALIFORNIA AS SOON AS A COMMAND DECODER IS SHIPPED FROM ENGLAND. WE HAVE TWO THINGS IN OUR FAVOR. 1, IT DOES NOT TAKE A LOT OF POWER TO COMMAND THE SATELLITE, AND, 2, THE SATELLITE IS PROGRAMMED TO SHUT OFF THE BEACONS IF IT HAS NOT BEEN COMMANDED IN 21 DAYS AR

HR ARRL BULLETIN NR 13 FROM ARRL HEADQUARTERS

NEWINGTON CT MARCH 7, 1984

THE ARRL FILED TWO REQUESTS FOR RULEMAKING CONCERNING 160 METERS ON FEBRUARY 2. THE FIRST ASKS THAT POWER RESTRICTIONS ON 1900

## Third ARRL Digital Communications Conference Call for Papers

The American Radio League will hold its Third Amateur Radio Computer Networking Conference on April 15, 1984 in Trenton, New Jersey. The conference will be in cooperation with the 9th Trenton Computer Festival (TCF84) being held April 14 - 15, at Trenton State College.

The deadline for camera-ready papers is March 1, 1984. All papers should be mailed to Paul L. Rinaldo, W4RI, American Radio Relay League, 225 Main Street, Newington, Connecticut 06111. If you plan to present a paper, please request an author's guide and identify the title of your paper immediately. Proceedings will be sold at the conference and by mail from ARRL Headquarters.

Technical papers are invited on all aspects of amateur packet radio, AMTOR, computer-based message systems, digital speech, presentation-level graphics and related Amateur Radio digital communications via terrestrial, ionospheric, meteor-scatter and satellite media including AMSAT-OSCAR 10 and PACSAT. Topics may include network and system architecture, proposed standards, hardware, software, protocols, modulation and encoding schemes, applications, and practical experience.



# Rochester HAMFEST

MONROE COUNTY FAIRGROUNDS

**May 18-19, 1984**



TO 2000 KHZ BE ELIMINATED. THE SECOND REQUESTS THAT THE COMMISSION ALLOW F1 EMISSIONS ON 1800 TO 2000 KHZ. DETAILS WILL BE IN QST HAPPENINGS FOR APRIL.

ON MARCH 5, THE FCC DESIGNATED THE F1 REQUEST AS RM 4774. THE THIRTY DAY COMMENT DEADLINE ENDS APRIL 4. NO RULEMAKING NUMBER HAS BEEN ASSIGNED TO THE ELIMINATION OF POWER RESTRICTIONS PETITION YET. AR

## HAMFEST '84

Vry soon it will be May

I guess U know the rest  
It's time fer us to say

Gooooo Hamfest

It's a day fer all us Hams

To greet our friends and say hello  
And also time fer shaking hands

With Philes Mikees Johnes Joe

Shop around fer all the parts

You need to help ur station grow  
Be it a tube or just a chart

It's money you'll save U know

I know what I'll be locking for

My friends will all be their  
It's the day I kept in store

Tis the Hamfest of '84

Hello Philes Mike *es* Johnes Drew

I knew U would be here

Give me a call it's N2EQQ

And I'll see U all agn next yr

Hams will come from neares far

I need not say much more  
They will be here by buses car

To the Hamfest of '84.

*Pete Fucile, N2EQQ, Tnx*

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## ASCII V Invented by Dr. Ace McCool

Development of a new method of digital communications was announced today by Dr. Ace McCool, President, Enon/GEARVAKf Mound labs. Working under the direction of Dr. McCool was the famed "D" Team of Dr. Feele Good, Dr. Con Edison, Dr. Clem Clampsaddle, Dr. Biff Beechwood, and Dr. Jay Gargle. The new digital method involves attaching wires from a high voltage modulator in the receiver to the fingers of the receiving operator. The received impulses cause the operator's digits, when suspended over a typewriter keyboard, to printout the message. Key-shift is done by a voltage impulse to a pad on the operator's chair seat. Further announcements on the ASCII V Transmission Method are expected shortly. The project code name is "Project 5th Gear".

*- N8CBR, via GEARVAKf*

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FOR SALE - BENCHER chrome paddle and HK-5A keyer - new, perfect, manuals, cartons - \$68. Viking KS Matchbox (E. F. Johnson) - \$150. Robot RF Modulator in metal box with switch, battery holder - \$15. Call Ollie, K2BBK, Sunday thru Thursday - 288-3604.

## W2UTH IS SELLING OUT

FOR SALE -

**Kenwood TS700 SP 2 Meter Transceiver:** AM, FM, CW, SSB 10W output. Digital readout. Built in Power Supply for 115V operation or will work from 12V D.C. with external cord (included). Excellent conditon, with both instruction and service manuals - original carton.

\$425.00

**Heathkit SB101 HF SSB/CW Transceiver:** with Heath HP23 Power Supply. Good condition. Nearly new final 6146B's with manuals. \$225.00

**Heathkit SB110 6 Meter SSB/CW Transceiver:** with HP 23 Power Supply. Good condition. (Has worked all states and all continents except Asia plus lots of countries) with manuals.

\$250.00

**VHF Group 2 Meter Transverter:** Best there is. 10 watts output SSB/CW. 144MHZ/28MHZ

\$80.00

**VHF Group 432 MHZ Transverter:** Also best there is. Used twice. 10 watts output SSB/CW. 432MHZ/28MHZ.

\$80.00

**KLM 2 Meter solid state Amplifier:** model 10-160BL. 10 watts drive - 150?160 watts output. Works on FM, CW or SSB. Just upgraded by factory (now Mirage).

\$175.00

**Kenwood 7850 2 Meter FM Transceiver:** 40 watt/10 watt output, (as desired). Digital readout. Touchtone Keyboard. Up/down microphone to change frequency. Scans programmed frequencies. 15 selectable channels. Excellent condition. Manual and original carton also mobile mounting bracket.

\$275.00

**Tempo S5 2 Meter FM Handheld:** The famous? Hospital rig. Selectable 1W or 5W output. Selectable channels 144 - 148 MHz. +600 or -600 KHz off-set or Simplex. Works fine but need a couple of things done that requires more nimble finger than mine. Built in antenna and also Rubber Duckie.

\$175.00

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## DX NOTES

A national amateur radio society has been formed in the Republic of Vanuatu. The ARRL Outgoing QSL Bureau now accepts QSL cards to be forwarded to YJ amateurs. The address of the society is: Vanuatu Amateur Radio Society, P.O. Box 665, Port Vila. It is expected that the VARS is going to apply for membership in the IARU.

According to the Amateur Radio Society of India (ARSI), VU2IF, who is operating MM around 14.150 MHz now, is scheduled to operate ATYA in Antarctica from January through March. QSL to his home call.

*Tnx ARRL LETTER*

## ON WRITING SERMONS

from "The Hilltopper" and  
"Central Region Crossroads"

Jan Edmiston, Seminarian at the First Congregational U. C. C. in Corning came up with the following article in "The Presbyterian Outlook", which gave her a chuckle, and some comfort as she set about the task of weekly ideas:

Several years ago, a reader of "The British Weekly" wrote a letter to the Editor:

Dear Sir: It seems ministers feel their sermons are very important and spend a great deal of time preparing them. I have been attending church services quite regularly for the past 30 years and I have probably heard 3,000 of them. To my consternation, I discover that I cannot remember a single one of them. I wonder if a minister's time might be more profitably spent on something else? Sincerely.....

For weeks a real storm of editorial responses ensued. The debate finally ended by this letter:

Dear Sir: I have been married for 30 years. During that time I have eaten 32,850 meals, mostly of my wife's cooking. Suddenly, I have discovered that I cannot remember the menu of a single meal. And yet, I received nourishment from every single one of them. I have the distinct impression that without them, I would have starved to death long ago. Sincerely.....

*Editorial Comment:* The above could equally relate to our ham club meetings. I can't remember all the programs but I know that I have been nourished by them all, some were filling, some were starvation diet but all were nourishing.

Tnx LERC ARC BULLETIN

## DO YOU REMEMBER WHEN?

by Phil, W3SOH - Via SJRA HARMONICS

YL was not just a "young lady", but also the prefix for Latvia!

W9USA was the callsign for the 1934 "Century of Progress" World's Fair in Chicago!

McMurdo Silver receivers and transmitters: Ohmite resistors; Trimm Featherweight ear-phones; and the Candler system!

The Callbook cost only \$1.25 and the one volume covered both the U.S.A. and foreign listings!

Amateur station and operator licenses were on separate cards!

OM did not just mean "old man", but was also the prefix for Guam!

ARRL used the callsign W1MK!

ES did not just mean "and", but was the prefix for Estonia as well!

The Hallicrafters "5-10" receiver covering only 5 and ten meters!

W2USA was the callsign for the 1939 World's Fair in New York!

NY4 was the prefix for Guantanamo Bay Cuba!

EA7BA was the only Amateur Radio station on the air!

W6USA was used from the San Francisco Exhibition in 1939!

The ECAPHONE EC1 and EC2 receivers!

The National SW3 Receiver with its plug-in coils!

Those strange calls on the bands - W2ZZBW; W2ZZGC; W3ZZAA, etc.!

How about Hugo Gernsback!

The Hallicrafters "Sky Buddy" S19R!

Postage for QSLs was one cent; two cents for cards to Central and South America!



# Radio World

Central New York's Most Complete Ham Dealer



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FT-757GX



KENWOOD  
R-2000



ICOM  
IC-02AT

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