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 RRR RRR EEEE EEEE PPP PPP EEEE EEEE RRR RRR
 RRR RRR EEEE EEEE PPP PPP EEEE EEEE RRR RRR
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WA2UGO/R Mt. Beacon 146.370/.970
 WA2JKN/R Poughkeepsie 147.645/.045
 WB2BQW/R Mt. Beacon 444.575/449.575
 WA2AHR/R Beekman 222.32/223.92 (under test)

FEBRUARY 1980

THE MOUNT BEACON AMATEUR RADIO CLUB
 POST OFFICE BOX 841
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 NEXT CLUB MEETING: SUNDAY MARCH 16th 1:30 pm 
 FISHKILL - REFORMED CHURCH (EDUCATION BUILDING)
 ROUTE 52 JUST WEST OF ROUTE 9

OFFICERS

President	Gary	WA2UGO
Vice President	Walt	K2DPL
Secretary	Tom	W2GIJ
Treasurer	Art	WA2TIF
Dir. of Engineering	Frank	W2GIO

COMMITTEES

Direction Finding	Elmer	WA2YSM
Hamfest	Fred	WA2MMX
Picnic	Jim	WB2WLN
Nominating	Jerry	WB2TZA
By Laws	Tom	W2GIJ
Editor	Wes	WB20IA

SCHEDULED MEETINGS ON 146.37/.97

ON-THE-AIR CLUB INFORMATION.....Mondays 8:00 pm
 HUDSON VALLEY NET.....Mondays thru Fridays 7:30 pm
 STATE OF NY RACES NET local meeting..Sundays 8:45 am

The next regular Club meeting is on March 16th, Sunday, at 1:30 pm at the Educational Building of the Reformed Church in Fishkill. The presentation topic is "History and Present Day Use of Commercial Satellite Communications". The speaker will be Howie K20IX.

The EDITOR's Column
 Wes WB20IA

In this issue, some innovations. Minutes of the last Club meeting are included, partly to saving the time of their otherwise being read at the next meeting, but mostly to keep the entire membership up-to-date. At the last meeting, for example, BY LAWS were proposed to create a Board of Directors. These are also reprinted in this issue. Jerry WB2TZA is head of the nominating committee for the new Directors-at-Large (as well as the next slate of officers), - please contact him to suggest nominations, even of yourself, the primary qualifications being motivation, club dedication, and time. Fred WA2GZW suggests presenting profiles of the nominees say, in the REPEEPER.

This issue includes a summary of local 450 MHz FM activity. I'd like to do likewise for 6 meters FM, 220 MHz FM, and etc....what are your thoughts?

Also in this issue are a few comments on the November 11 Eastern New York Counties Preparedness Duel, - you may remember the .37/.97 machine being heavily used that Sunday afternoon by the Hudson Valley Net in that exercise. The activity appears to have been generated by Guy W2AV and Jay W2IT directly to the EC's. In the January 1980 issue of QST there is a promise of a future summary write-up on the results, and I also understand another may be held in March.

The membership is regretfully advised of the recent passing of the wife of Art K2HJX, - our sincerest condolences.

FROM OUR PRESIDENT
 Gary WA2UGO

Hello again to all and hope everyone had a nice holiday season.

The questionnaires that were sent out with the October issue of the REPEEPER seemed to reflect a 50/50 response on meeting times. My own personal feeling is that winter meetings should be during the day because of possible hazardous driving conditions. The responses were split so it seems that half the membership will be happy half the time...hi!

The biggest items on the horizon are Hamfest, election direction finding, and possible by-laws changes with the implementation of a Board of Directors.

On gripes, other than repeater hogging (see Operating Procedures reminder in this issue), the most complained about item seems to be stations ID'ing on every single turnover, sometimes using every call in the QSO. That can possibly be caused by the lack of anything else to say. What do you think?

See you at the March meeting, and, most of all, have fun.

PUBLIC SERVICE - 1980
 Walt K2DPL

As mentioned in the last issue of the REPEEPER the job we do of providing public events communications is vital to the success of those events. I'm looking forward to seeing many new participants in 1980 giving of their time and sharing their expertise in an area where we excel, namely, communications.

A list of public service events for 1980 is given below in chronological order and tentative dates based on past schedules:

March	"Run for Hope Day" - American Cancer Soc.
April	high school track and field event
May	high school track and field event School Boy Regatta Special Olympics - Dutchess Community Coll.
June	high school track and field event International Aerobatics Competition
July	Steeplechase
August	Road Race - Bowdoin Park Dutchess Co. Fair 10 km. Road Race
September	high school track and field event Mid Hudson Annual Century Ride
October	Annual Marist College X-C Invitational Marching Band Competition - Arlington H.S.
November	Section 1 X-C Meet - James Baird Park

Called to order by WA2UGO at 1:42 pm. President

MINUTES (continued)

Election of new members

KA2CNW	Full	K2FCI	Associate
KB2KW	Full	N2CO	Associate
WA2WOQ	Associate ⁺	W2ABZ (W2RW)	Associate
WB2EAG	Associate [§]	WA2HBE	Associate
WB2IEO	Associate	WA2ZCM	Associate
W6GQC	Associate	K1IZS	Associate

+ .. Applied for Full but wasn't at the meeting
 § .. Planned to attend, waiting for dues

WA2UGO announced that Santa Clause will have a rig in the sleigh and will be in range of Mount Beacon at mid-night.

Thirty-nine voting members including the new ones.

Vice President K2DPL thanked N2ADJ, KA2CGZ, W2IEU, WA2MMX, and WA2UGO. All of these worked on more than three public service events.

Secretary WA2GIJ presented minutes of the last meeting. One correction was made to the treasurer's report as included.

Treasurer WA2TIF presented his report of balances as of 12-15-79.

Director-of-Engineering W2GIO reported. There have been some delays in the new microprocessor for the hill. The new machine will be at the .045 site for the next few weeks. The microprocessor won't be on the hill for awhile.

Mark WA2ZJZ reported on the old .97 machine. The old IDer was replaced. Wouldn't fit "WA2UGO/RPT". Various grumbles and giggles about the "HI".

W2GIO reported that 450 is off the air. The .045 transmitter still has final problems.

Bill WA2AHR reported that 220 needs more activity. New antenna is due soon. Looking at new transmitter--more stable 30 watt jobbie.

Elmer WA2YSM reported that batteries have been obtained from NY Telephone by WA2NSM. They look good. The committee is WA2YSM, WA2NSM, and K2VNV. Need more people. Need packaging.

More Jeep and 4-Wheel Drive people are needed.

W2GIO reported on available equipment. Group order being considered for parts for a crowbar protection circuit. Comments on Roadtalker 40 conversion.

WB2BQW discussed the possibility of acquiring a 4-Wheel drive vehicle for ourselves.

TRUSTEE REPORTS:

220 and 450 trustees had already reported.

WA2UGO reported that the TouchTone bandit is back. We'll be giving this top priority. The .045 trustee was not present.

WB2OIA reported on the REPEPPER. After discussion it was decided to have one issue before the next meeting instead of several small issues. He also reported on the Membership Committee. This is WB2OIA and K2MI

WA2YSM reported for the DF Committee. WD2ADL won the "Annual Turkey Tracker Award" with a time of 14.54. Need volunteers to sign up. An extensive report followed.

WA2KJL asks that anyone going to the FCC make it known on the Monday night meetings. Others may want to share a ride.

B R E A K

K2MI won the 50/50 drawing prize of \$ 16.25 which he contributed to the Engineering Committee.

Dave Penner K2JVB was the guest speaker. He described a doppler DF device based on an article in the May 1978 "QST". Cost is under \$ 100. He described some of his work with it and gave a demonstration. He was able to find a signal generator at GIO's house in about the time it takes to get through the light at Route 9.

W2GIJ moved and N2ADJ seconded two bylaws changes to be voted on separately. One establishes a Board of Directors and adds four Directors at Large to the list of officers. (The Treasurer was inadvertently omitted in the distributed copies.) The other change allows acceptance of Associate members without a vote and allows applicants for other classes to be Associates while waiting. These changes can be voted on in March.

W2GIJ will chair a new bylaws committee and N2ADJ will also serve on it. More volunteers and any suggestions are welcome.

The hamfest will be on Saturday, July 26, at the Dutchess County Fairgrounds. Need people for seven committees: Advertising, Registration, Admissions, Door Prizes, Communications, Clean Up, and Invitations.

WB2TZA will chair the nominating committee. WB2FAK, W2GIO, KA2DAA are on the committee. They will present a slate in March.

N2ADJ has an electric car outside.

Eric WA2LSV has transformer oil for those who need it. K2MI thanks Hudson Valley Net checkins and those who stand by. Net may add Saturday and Sunday operation.

N2ADJ moved to adjourn. Standing vote.

Respectfully submitted
 Tom Enger W2GIJ
 Secretary

PROPOSED BYLAWS AMENDMENTS
 presented by the officers
 for your consideration December 16, 1979

The effect of this change is to establish four new positions of "Directors at Large" which, along with the existing officers, will constitute a "Board of Directors". This Board is given certain powers and responsibilities. The intent of this change is to reduce the length of the business portion of the regular membership meetings. It shifts much of the work of considering policy to the Board of Directors while retaining ultimate control of the CLUB with the voting membership.

ARTICLE III -- OFFICERS

Sec.1) The officers of the CLUB will be the: President, Vice-President, Secretary, Treasurer, and Director of Engineering. (The amendment adds: and four Directors-at-Large. The preceding officers shall constitute the Board of Directors of the Mount Beacon Amateur Radio Club.) The President, Secretary, and Treasurer are designated to serve on the Board of Governors of CVT, INC. and attend the Corporation meetings.

Sec.5) Officers may not serve in the same office for more than two (2) successive one (1) year terms. (The amendment adds: except for Directors-at-Large who will serve for a two (2) year term. Two Directorships will be designated to end in even-numbered years and two in odd-numbered years. A Director-at-Large who has served for a two-year term may not be elected for a successive term.) A one (1) year grace period of service as another officer or as a voting CLUB member is necessary in order to serve again in the same capacity.

ARTICLE IV -- DUTIES OF OFFICERS

Sec.6) (The amendment adds: The Board of Directors shall meet jointly at the officers' meetings between the regularly-scheduled membership meetings. Its authority shall be to make recommendations on matters it feels should be brought before the regular membership and to make decisions on any matters delegated to it by the membership.)
 Sec.7) (The amendment rennumbers the old Section 6 to be Section 7.)

The effect of this change is to make it unnecessary for the Club to vote on applicants for ASSOCIATE MEMBER. All other classes of membership will still be voted on. Applicants for all classes of membership will be accepted as ASSOCIATE MEMBERS pending a vote on their applications.

ARTICLE X -- MEMBERSHIP ACCEPTANCE/SUSPENSION/EXPULSION
 Sec 3.) Applicants (The amendment adds: for other than ASSOCIATE MEMBERSHIP) must receive a two-thirds (2/3) vote of the voting members present at a regular membership meeting and pay then the appropriate dues before they are considered as a CLUB member. (The amendment adds: Applicants for all classes of membership may be accepted as ASSOCIATE MEMBERS upon verification of their qualifications by the Secretary and receipt of dues. Applicants for other than ASSOCIATE MEMBER will then remain ASSOCIATE MEMBERS until the required membership vote.)

PUTNAM COUNTY
Chuck KB2KW

We learned quite a lot from the exercise. From this writer's vantage point I can see that the fraternity of amateur radio operators working 2 meters and those usually somewhere between 3.525 and 29.7 MHz finally got it together. The open and helpful attitudes that appeared on the net frequencies was heart warming and the knowledge we exchanged by this experience was overwhelming. Every county banded together and helped each other, and that was the only way we could get the traffic through. HF and VHF, ARES and NTS, traffic handler and rag chewer alike all worked together to make this exercise the best contest.

There are a few ideas that have been brought to light as a result of the duel and I will be happy to elaborate on them after the next one.

Congrats to all who worked so hard to achieve a common goal ! Without your help and hard work no single county could have scored a point.

ORANGE COUNTY
Andy WB2SON

A total of 16 Orange County ARES members participated in this drill. We successfully passed all 14 outgoing simulated test emergency messages and received all but two incoming pieces.

Both HF and VHF was used to pass and receive this traffic. The Hudson Valley Net was most helpful during this exercise. Within Orange County coordination was maintained on 3.910 and 147.20 MHz. Courtesy and cooperation demonstrated by all stations, participating and non-participating, during this exercise was outstanding.

The Orange County ARES Net meets the first Wednesday of each month at 8:00 pm local time on 147.420 MHz.

A COMMENT FROM ULSTER COUNTY
Henry W2PCV

It was never made clear to me what was to happen to the messages from the various counties once received. Only via a chance contact with John WA2STM at around 9:00 pm did I learn that I was supposed to pass them through 147.855/.255 to Bob W2XL or his designee. Perhaps if I were more active on that machine I would have known.

I monitored most of the sessions and thought it went reasonably well otherwise.

Jim WB2WLN needs help on the Picnic Committee, and particularly for cooking and clean-up. Details on site and arrangements will be in next issue of REPEEPER.

The Direction Finding group had a turkey hunt on December 1st. This activity was held in conjunction with the PARC auction held on that same date. Participants were notified in advance that the hidden transmitter would be within 1 mile of the auction site. Four mobile stations searched for and located the transmitter which was in a parking lot. A large chain link fence produced some interesting reflections. The winning participant was WD2ADL with a time of less than 15 minutes. Two base stations using beams confirmed the general area of the turkey, locating the site within a one mile radius.

The DopplerScan direction finder project that was started at the December club meeting took off like wildfire. There are currently at least a dozen of these units on order or under construction. Several additional members and non-member friends are waiting eagerly to get started on theirs. In view of the intensive build activity through the winter months, no turkey hunts are planned until Spring.

The input listening watch and fixed base direction finding activities are organized and reports are starting to flow in. For those who don't already know the procedure it is as follows:

- 1) Listen on input whenever interference is noted on the repeater.
- 2) Write down date, time, signal strength, direction (for those with beams), and any other distinguishing information such as who was in QSO, mobile flutter, hum, off frequency, etc.
- 3) Report it to Gary WA2UGO at 452-5650, 10 am to 6 pm, or to Art WA2TIF at 635-2614, 7 pm to 10 pm, or to Al W2IEU at 526-2013, 7 pm to 10 pm.

HOW ABOUT SSB ON 2 METERS
Art WA2TIF

Have you ever thought of trying 2 meters SSB ? If you did you probably dismissed it thinking operation to be much the same as 2 meter FM/repeater operation. This is not quite true. For example, QSO's with Washington DC, Virginia, West Virginia, Massachusetts and Maine are nightly affairs. Doesn't sound like "two", does it ?

With the development of 1.5 db noise figure preamps and very high gain Yagis this horizon has really been extended. There is quite a bit of activity these days (no QRM). I've worked over 260 stations in 26 states and 3 Canadian provinces in 8 months.

The modes of propagation which supports DX communication on this band are as follows:

- Tropo bending - temperature inversions
- Aurora
- Meteor scatter
- Sporadic E

The combinations of friendly rag chewing, technical discussions, "DX"ing, and VHF contests with no QRM makes 2 meter SSB very interesting.

I keep a QSO card file, due to a poor memory, which enables me to give a picture of what equipment is being used on the band.

Power	Antenna elements				
	11	16	19	32	64
10-	39	6	7	4	3
80-	19	23	14	8	1
150-	13	11	4	5	4
500-	1	11	3	1	1
1 Kw-	3	14	2	7	10

The table shows the number of stations with listed power and antenna size.

Note: Most people start out with modest stations and grow to varying degrees. I stopped at 150 watts and 32 elements. Hope to see you on the low end of 2 one of these days.

450 MEGAHERZ FM ACTIVITIES
IN AND AROUND THE MID-HUDSON AREA
..a sampling of repeaters and comments

MOUNT BEACON 444.575/449.575
Ike WB2BQW

BEEKMAN 444.075/449.075
Charlie N2CJ

This repeater is located at the same site as the 146.37/.97 repeater of the club. It is a commercial GE "Master Pro" repeater in a 19" rack cabinet. The receiver is all solid state as is the transmitter except for the finals and drivers. It is considered the finest available at this time. Receiver sensitivity is enhanced through a preamp and the transmitter power output is 60 watts.

In the Northeast U.S. repeaters are set up on 5 MHz splits usually with low in and high out. The repeater band is from 440 to 450 MHz and 446.000 is reserved as a direct frequency.

450 MHz is considered to be a "line of sight" frequency. Therefore, theoretically speaking, the 146 MHz repeater will go farther than the 450. However, due to the extra gain available in the same physical antenna space (450 ant. are 1/3 as long as 146 ant. 1/4 wave) the range is often as good or better.

In areas of dense buildings 450 signals bounce, filling in dead spots found on 146. Short tunnels will stop 146 but on 450 they may only contribute to noise. I have been able to work 450 with one watt in a building where 146.970 could not be heard. However, 450 will be absorbed more by water and heavy foliage.

Some 450 operators may want to try a repeater I have started setting up in my home on 445.725 output and 440.725 input. It is going along slowly for now. When it is up it will be an open repeater. Also hope to have W1AW bulletins transcribed from RTTY.

We are a group of experimentally minded hams who want to try some of the many aspects of amateur radio. Our organization is informal without a bona fide charter and no particular meeting schedule. Our funds are accumulated on as-needed basis and are strictly applied to the operation of our repeater.

Our most recent activities centered around replacing an older 40 ft. tower with a new ROHN 25, a 70 ft. structure, and replacing the MOTOROLA wide band repeater with a "HEINZ 57" variety unit. This new repeater consists of a VHF ENGINEERING RF deck preceded by a JANEL pre-amp; a GE TPL 2 meter IF strip, and a MOTRAC transmitter. The whole package seems to provide a sensitivity of about .1uV/20db quieting and about 40 watts output. Also on line is a Touch-Tone™ controlled audio switch which is presently being used to provide re-broadcast of the local NOAA weather station.

The repeater is open and available to anyone wanting to use it. Control is maintained by any of the group's members in keeping with the philosophy of an experimental rather than a "rag-chewing" machine.

At present we are planning to replace our minimal control facilities with a more sophisticated design, hopefully providing some additional functions and goodies.

So do "stop-by" and say hello, and please pass the word. We would like to hear some different voices on 449.075 once in a while.

NAUGATUCK 444.200/449.200
Dick WA1NQP (in QSO with WB2OIA)

This repeater group is a pioneer in this band's FM repeater activities, being on since 1972. Initially it was an open repeater and formerly part of the Pioneer Valley Repeater Association (PVRA), but is now private on PL access. The power output is 250 watts into a 10db STATIONMASTER antenna. It has a 6 meter link with the 52.525 MHz national simplex frequency accessed by Touch-Tone™. The site is the same as the 222.86/224.46 repeater, also not a part of the PVRA. WA1NQP is trustee of all the repeaters at that site.

[Editor's note: See also the QST magazine issue for August 1979, page 73, for a further description of this site. Wes WB2OIA hears 449.200 loud and clear with a scanner fed by a 6-element Cushcraft beam.]

ALPINE 441.525/446.525
Art W2ZYC

The W2VH/R is back on the air with autopatch. The 222.080/223.680 machine is in the shop for re-packaging and raising power. When it goes up in a month or so, it will have crossover to 440, 2 meters, and 10 meters, - all control functions are installed.

MIDDLETOWN 444.525/449.525
Rich WA2ZPX

We're running a GE Master Pro repeater at the same site as 146.16/.76. Output is 50 watts into 85 feet of 7/8 inch hardline and a 8.75 db gain antenna up at 1350 ft. above sea level. The machine is just up, so we really don't know how the coverage is. By the way, all are welcome.

INDIVIDUAL COMMENTS ABOUT 450 MHz.

Ray WA2EAO - I guess I am one of the early ones around here. My original attempt was with a VHF ENGINEERING transmitter strip when it was first available in kit and a scanner as receiver to see what 450 was all about. Although I still have that strip it sure has made the rounds through W2GIO in getting others started. I graduated from that to an ICOM 30A and now operate with two DRAKE UV-3 transceivers, one base and one mobile. My mobile antenna is a LARSEN colinear, and the base is a Ringo Ranger up about 60 ft. I very shortly will mount two KLM beams up on my tower, one for 220 and one for 450. I have the 450 MHz.14 element and am waiting for the 220 and a remote antenna switch. I do very nicely as it is now, but the beams should make it improve. I am located at approximately the 900 ft. level on the southwest slope of Clove Mountain. I am primarily active on the Beekman repeater (see article by Charlie N2CJ elsewhere in this issue) and occasionally on the Mt. Beacon repeater. I have requested assignment of frequencies on 450 and 220 and will in the future put up repeaters.

Bob WB2ZVI - My interest in 450 MHz. dates back to 1970 when equipment consisted of a "Handbook" varactor tripler in conjunction with my trusty TX-62 on 432 MHz. In 1972 a call from Bill W2KBH began a series of attempts to work amateur television but which was abandoned due to the distance. The present QTH and new equipment has rekindled that project, however. My operation on 450 MHz. FM began with the acquisition of a commercial MOTOROLA rig in 1977. I provided a "worst case" signal several times for WB2EUL and W2GIO during on-site tune-ups of the Mt. Beacon 450 MHz. repeater using a directional colinear DX array at my old QTH 25 miles from the repeater site. At present, equipment consists of an HR-440 and GLB strip with a "Discone" antenna in the attic and another on a 30 ft. mast for operation from the shack in the basement. Anyone interested in 450 operation may want to consider the Discone as a very inexpensive yet effective antenna for monitoring or working multi-band repeaters....The operating atmosphere on 450 is much more relaxed than that of 2 meters.

Don W2LEL - I use one of the early UV-3s (2 meters and 450). As I live in an apartment I use a 3 element 2 mtr. beam and a 6 element CUSHCRAFT, - these are used inside. On the mobile 2 mtr. is a LARSEN 5/8 wave trunk mount, and on 450 a LARSEN magnetic mount colinear. I wish there were more stations on 450, - I am retired and can spend some time during the daytime.

4 5 0 MHz ACTIVITIES
(continued)

Other present and future 450 MHz FM machines in the area include the following:

- WA2QPP/R..this is a local "closed" repeater.
- WR1ADN....in Newtown, Connecticut, part of the PVRA.
- WB20IA/R..under construction, with plans for cross band.

OPERATING PROCEDURES
Tom W2GIJ

The following is the "Operating Procedures" information sent to all prospective members. It might be good for all of us to review this information from time to time:

"Sign on the repeaters by identifying yourself properly. Common courtesy and FCC regulations require it. Do not use the word "break" when you wish to join a QSO. Your call is sufficient to be recognized. Break should only be used for nonemergency time-oriented transmissions. Use "break break" when you have an emergency such as an auto accident, fire, etc. If you wish to make a call "through" a QSO say, "Call please this is W2xyz." The current users should let you make your call as soon as possible."

"Under normal circumstances, it isn't necessary to let the carrier tail drop completely. When in use, the repeater will identify about every three minutes. Wait a few seconds at the beginning of each transmission to allow for emergencies, and for breakers to identify."

"Refrain from making long transmissions. Keep things short and to the point. The repeater has many users who may be waiting to use the machine. Should you time out the machine -- a single transmission exceeding two minutes forty-five seconds -- you will be asked to make a donation towards refreshments at the next club meeting. "Keep QSO's to a reasonable length. Ten minutes is suggested, particularly during the busier times. Longer QSO's -- those exceeding twenty minutes -- are discourteous. Frequently others may want to use the machine but are too well-mannered to break into an existing QSO. If longer discussions are needed, it is suggested that a direct frequency be used or a five or ten minute break be allowed to permit others to use the frequency. The club has a ten minute use rule which the control operators are asked to enforce. But no rule can substitute for good manners. Try to make it unnecessary for anyone to remind you of the rules."

STOP PRESS - New officers for PARC are

President	Barbara	WA2KCL
Vice President	Bob	WB2GOY
Secretary	Pat	WA2JPR
Treasurer	Barry	W2HBY

To alert the following, tone pad digits as listed may help:

Darryl	WE2FRN	0	} Please hold for a good 5 seconds.
Marty	K2MI	6	
Wes	WB20IA	2	

RECENT ACTIVITIES AT WA2AHR/R
Bill WA2AHR

This 222.32/223.92 repeater has been up for about 9 months and is currently located several miles east of Wappingers Falls. Very few problems have been encountered in its operation, e.g., a poor audio quality has long since been corrected.

Just recently obtained was a Stationmaster antenna (PHELPS DODGE Model PD-220), with some financial contributions also from WB20IA, K2JKU, and WB2TZA. Delivery was at Marlboro, New Jersey and it was carried up the Garden State Parkway on the roof of WA2AHR's car resembling a giant spear. The antenna will be up as soon as possible, and volunteers are sought for climbing.

The possibility is being looked into of putting in a SPECTRUM COMMUNICATIONS transmitter. The present transmitter (10 watts) and receiver are both VHF ENGINEERING. The receiver is totally satisfactory, and with preamp is probably running about 0.1uV sensitivity.

(Since the above writing, the new antenna has been put up, - congrats!)

POUGHKEEPSIE AMATEUR RADIO CLUB (PARC)
Chuck K2NW

The Poughkeepsie Amateur Radio Club (PARC) meets on the third Tuesday of each month throughout the year. Meetings are held at 8:00 pm at the Southern District Office of Defense Preparedness located off Creek Road. This is the same site where WA2JKN/R is located. Meetings are composed of two basic portions, a program and a business part.

The major club activity is Field Day in which PARC has placed in the top 5% nationally for several years (see your old QSTs). There are also many other activities, such as the club sponsored auction and a dinner cruise. Possibly most notable are the members who are involved with the Novice and General/Advanced training classes. Over the past years these classes have added many new hams to both the PARC and Mt. Beacon rosters. Please feel free to drop in the next meeting and learn more about PARC. Guests are always welcome.

PUTNAM EMERGENCY AND AMATEUR REPEATER LEAGUE (PEARL)
Chuck KB2KW

As of our last meeting, November 30th, we have 22 hams in the Putnam Emergency and Amateur Repeater League. PEARL is growing by leaps and bounds, and I am happy to say that we are making progress with the repeater (with input/output on 144.53/145.13). As of this writing, early Dec. 1979, the shack has been erected, and all that is needed is the door and the final weatherproofing on the exterior. The next step is to put the repeater inside.

Everything is now operable as far as transmit and receive goes, but the COR and duplexer have to be added. Time seems to be the main ingredient and a commodity that is rare around these parts. With the winter holidays there will be some delay with respect to air time.

Interim officers for PEARL, until by-laws are adopted no later than July 1, 1980 are as follows:

President	Guy Olinger	K2AV
Secretary	Charles Johansen	KB2KW
Treasurer	George Weigand	KA2GNN
Trustee	Bruce Wilson	WA2URH