BARS LETTER

MAY-JUNE 1961

SPRING OPERATING HINTS

APRIL SHOWERS...

END OF THE YEAR ISSUE

THE OFFICERS' REPORTS

THE OLD OP 1927-1961

DXCC WAS WAC

CO-ORS

SILENT KEYS

... BRING MAY FLOWERS...
GREETINGS:

The last meeting of the semester will be held on Tuesday, May 9 at 8 PM CDST, in 142 EE. Please note the time of meeting. It has been changed to permit those having 7 PM exams that evening to attend. The meeting will start with a movie, so that those who are a little late will not miss the electioneering. This is an extremely important meeting. Please try to attend. A film will follow the meeting.

NOMINATIONS/ELECTIONS:

The nominations committee (K9EOP & W9GZ6R) has decided not to recommend a specific slate for officerships next year. We do, however, consider the following people especially qualified for the President, Vice-President, and Secretary-Treasurer offices. Those undeclared would also make excellent Chief Engineers. The following criteria were used, in this order of importance:
1) General competence and experience.
2) Participation in club activities.
3) Length of membership in club.

The people are:

Jud Burt, K91BQ
Bob Dixon, W90KN (presently V.P.)
Jim Fering, K9BDN
Phil Goetz, K9ELT
Harry Gold, K9CMF (presently sec-treas)
Larry Jacobson, K9ANJ
John Koester, K92YM
Dave Morgan, W9AIW
John Parsonson, K9ABP
Lee Underkofler, K2PHP

We are happy to announce that Virgil Dieter, W9DVA, Chief Transmitter supervisor of WHA, has consented to become permanent Trustee of W9YT. This is something we had hoped to have for a long time. When a different student is elected every year to the trusteeship, that means the license has to be re-submitted to the FCC for modification every time. Furthermore, the individuals elected in the past were not always present during summer session, making it difficult for us to claim that operations during the summer were in accordance with regulations. While the trusteeship has never presented the holder with much work, the responsibility is always present. Therefore, we are happy to welcome Virg as the new Trustee.

ANNUAL REPORT FROM THE PRESIDENT:

BARA members:

Since I was acting President last semester and am President now I can report on the year's activities.

This year has seen greater operating activity in all events over last year. This can mainly be traced to the generosity of Mr. Segerstrom who provided us with a Collins 7551 receiver and the Meteorology Dept. who provided us with a Viking Ranger and KW. The excellent equipment and easier access has sparked new life in our Society and overall interest and participation
In operating we have been active in the Badger Emergency Net, MARS, and many contests, placing high in our section in several.

The DX hunters have worked some new rare countries including Iran and Laos confirmed.

This year we also provided public service to the members of the University by phone-patching students with their families, by recording shortwave broadcasts for Egyptian students and having a Brazilian student talk with Brazilian amateurs. Besides these we have handled Madison messages on the Badger Emergency Net, with W9YT the net control on Monday night.

This semester we were faced with one of our greatest crises, interference with research work by our sponsors, the E.E. Dep't. Thus we did a little looking for other locations. However with both parties offering courteous co-operation no great trouble has arisen so our position is stable and our prestige has risen.

I predict that the Society will go to greater heights in the future if you -the members- act on even a fraction of the possibilities of activity.

73, Tom Brandt.

W9G6C News by K9I6CJ

Next year's officers: Roger Chaffin, K9JCK, Pres.
Earl Poulson, K9CPT, Trustee
Chuck Rabinas, Vice-President.
Rye Gewalt, K9LCJ, Sec-treasurer

Quiet hours: 12 Noon- 5:30pm ---- also 7:00pm - Midnight

The club plans to get $300 worth of furniture.

The trap antenna is back and will be put up soon.

This is our last issue of the school year. The May 9 meeting is very important, as it is election night and a quorum must be present to make the elections valid.

W9SZR announces that he will be going to the Starved Rock hamfest at Ottawa, Ill., Sunday, June 4, the day after the last day of finals. Will be glad to take 5 more people along, NO EXPENSE on transportation. Fee is $1.50 at gate. This is one of the biggest hamfests held in the area, usually attracting 3 or 4000 hams.

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Mobile season is here in full form. On a recent B95 session, mobiles checked in from Missouri, Iowa, and Mich., as well as several from Wisconsin.
MARS REPORT FOR SCHOOL YEAR 1960-1961

After a rather sluggish start, our MARS activity increased with the addition of two new members second semester. Although scholastic activities have kept our operating time to a minimum, with increased membership A9YT could easily become an important MARS station.

We originally joined the army MARS program with the idea of getting some good high powered equipment for the club station. This problem has been partially licked with the advent of the Ranger, Kilowatt, and 7551, but and this is a big "but", we have no RTTY equipment, no tools, a scanty junk box, and no source of emergency power. Through continued and increased participation in the MARS program, we could easily obtain these things in addition to technical courses of various types for non-engineering MARS members.

Activity in the military affiliated radio system offers a chance to get acquainted with good message handling techniques, learn proper military radio procedure, prepare to aid the military in case of national emergency, and to earn some worthwhile radio gear. If you enjoy your hobby of ham radio and are the least bit interested in any
OF THE ABOVE FACETS OF MARS OPERATION, CHECK WITH THE CLUB OFFICERS OR MARS MEMBERS FOR MORE INFORMATION.

SINCE THIS WILL BE HIS LAST BARSLETTER, ROG WOULD LIKE TO TAKE THIS OPPORTUNITY TO PASS ALONG 73 TO ALL THE GANG AT YT.

ONE LAST NOTE . . . . . THERE WILL BE A STATE MARS MEETING HERE IN MADISON ON MAY 29. IF ANYONE IS INTERESTED IN ATTENDING, CONTACT K9DIM AT ALS-7602 FOR DETAILS.

THANKS, ROG, FOR A SWELL JOB. (5$5$9E)

LOOKING AHEAD . . . . .

SUMMER SESSION: IT APPEARS THAT QUITE A FEW OF THE MEMBERS WILL BE AROUND FOR THE SUMMER SESSION. LIKewise, THE STATION WILL PROBABLY BE OPERABLE THIS SUMMER.

STATION LOCATION: THE STATION WILL SOON BE MOVED INSIDE THE "CAGE" IN ROOM 142. ACCORDING TO PRELIMINARY TALKS BY TOM BRANDT WITH PROF. WEBER OF THE EE DEPT, IT APPEARS THE STATION WILL BE PERMANENTLY LOCATED THERE. HOWEVER, BEFORE THIS BECOMES CERTAIN, THE LONG RANGE PLANNING COMMITTEE MUST BE CONTACTED AND MUST APPROVE. AT ANY RATE, IT WILL BE LOCATED THERE FOR A WHILE.
DUE TO INTERFERENCE PROBLEMS WITH THE 'SCOPES, DISCUSSED IN AN EARLIER ISSUE, IT HAS BEEN SUGGESTED THAT WE KEEP LOOKING FOR ANOTHER LOCATION THERE IS NO COMPELLATION INVOLVED AND THERE HAS BEEN GENERAL SATISFACTION WITH THE WAY WE HAVE OBSERVED "QUIET HOURS", AS WELL AS LEAVING THE AIR WHEN REQUESTED TO DO SO. LARRY JACOBSON IS BUILDING A FIELD STRENGTH METER WHICH WILL BE USED TO TAKE READINGS AT VARIOUS POINTS IN THE BUILDING WHEN THE BEAM IS USED. DEPENDING ON THE OUTCOME OF THESE TESTS, THE BEAM TOWER MAY BE MOVED TO A DIFFERENT POINT ON THE ROOF. THERE APPEARS TO BE LITTLE TROUBLE WITH INTERFERENCE WHEN THE TRAP DOUBLET IS USED.

INTERFERENCE:

HERE IS A TOTAL PICTURE OF THE PRESENT INTERFERENCE SITUATION:

1) BCI - WE HAVE HAD TWO COMPLAINTS ABOUT INTERFERENCE TO WGN AND ONE ABOUT INTERFERENCE TO WIBA ON THE AM BAND. IN ALL CASES, THE INTERFERENCE WAS TUNABLE. IN ALL CASES, LIKEWISE, IT RESULTED WHEN THE STATION WAS OPERATED AROUND 3950 KC. (BEN FREQUENCY). IN
SUCH CASES, SINCE THERE IS NO RF STAGE IN THE BC SET, THE FRONT END RANGE IS QUITE BROAD, AND A STRONG SIGNAL PICKED UP ON THE ANTENNA CAN FORCE ITS WAY INTO THE MIXER GRID. THE MATHEMATICAL RELATIONSHIP OF STATION INTERFERED WITH TO OPERATING FREQUENCY IS AS FOLLOWS:

FOR WGN (720 KC): OSCILLATOR FREQ. OF BC SET x 3 + IF FREQ.
FOR WIBA (1310 KC): OSCILLATOR FREQ. OF BC SET x 2 + IF FREQ.

NOTHING CAN BE DONE AT THE TRANSMITTER EXCEPT TO QSY.

2) TVI - FM1 - WE HAVE HAD FOUR REPORTS OF TVI AND TWO OF FM1. A LOW PASS FILTER HAS BEEN INSTALLED BY DON PLISCH, WHICH ELIMINATED THE FM1 COMPLETELY ON A TUNER WHICH HAD BEEN RECEIVING IT QUITE SEVERELY. IT IS ASSUMED THAT TVI HAS BEEN SIMILARLY REDUCED. NO ADVERSE EFFECTS ON OPERATION OF THE TRANSMITTER HAVE BEEN NOTICED.

3) NO NEW DEVELOPMENTS ON OTHER INTERFERENCE PROBLEMS, EXCEPT THANKS FOR THE FINE COOPERATION.
At this point it seems appropriate to give a hearty vote of thanks to the Army Signal Corps for WXT they have done to facilitate our operations since WXT first fired up in August of 1957, under the benevolent eye of Capt. "Chris" Christiam, W5???, then in charge of the unit here. For almost three years, the club had the use of the AN/GRC-26A set-up, including the finest of RTTY gear, a BC-610, and 2 R-388 Collins receivers. Not only were we able to use this equipment in its normal locale, but in the 1959 Engineering Exposition, Maj. Winthrop, then in charge, allowed us to move it upstairs as part of our Exhibit. Thanks largely to its availability, the club was able to take third place in this exhibition.

At times there were frictions between the club and the Army personnel, due to a series of instances including missing equipment, illicit key-making, etc., any one of which might have caused us to close down for good. A large part of the credit for guiding us over these troubled waters goes to Capt. Ken Gassaway for his efforts in mediation, as well as Sgt. Jim Hedrick.

We also wish to thank Sgt. Marvin Miller and Capt. Leroy Sedlacek for the generally good relations enjoyed this year, and wish them all the best in their new assignments.

It is to be emphasized that it was largely by the good will of the Signal Corps personnel that WXT was able to operate at all this year. There was no concrete service which the club returned to the Signal Corps for the use of part of its classroom. We believe that this is in harmony with the traditions of the Army Signal Corps, which has always believed in the value of ham radio for recreational as well as training purposes. A recent issue of 3ST features the Signal Corps story, including news of one of the finest amateur stations ever assembled, the Fort Monmouth amateur station, K2USA.

Let us, then, say a big "thanks" for all.

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WANT-AD:

FOR SALE: 1 RCA 4-125-A (4D21) - New - Original carton - best offer.
    Rog Mattea, K9DIM, phone AI 5-7602

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Well, this brings to a close this issue of the BARSletter. We hope that our performance has been satisfactory, and that the news has been adequately covered. We feel that a club newspaper goes a long way toward keeping a club moving together. To those of you who might be interested in editing this "rag" next year, keep it in mind. 73, and W9SRK

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Since this is my last BARSletter, let me pass along my 73 to the gang, look for me on the air from my home 10th at Neenah.

73, Bud, W9GSS