

written at Indiana Tech, Ft. Wayne Ind.



K.A.R.C. APPROPRIATION BILL

It is the understanding of the KARC that the TMC is interested in making charitable contributions to worthy organizations and causes. We would like to have you consider us to be in this category and accept our request for funds to replace and improve and present equipment of the club with the hope of increasing its service to the school and student body.

Permit me to review the outstanding record of the club as recognized by national organizations and the school.

Our 'record' shows that we have handled over 100 'pieces of traffic' (messages) since the school year started last September, and close to 700 messages since September of 1964. In April of 1965 We handled a total 109 messages and won a certificate of merit from the American Radio Relay League (ARRL), the largest representative body of radio amateurs in the world. The club has also either initiated or participated in emergency communication networks on many occasions. Three have been during severe snow storms, once when telephone service was cut to the Huntington area last fall, and once last spring we were the only amateur radio station on the air in Fort Wayne during the destructive Palm Sunday Tornadoes. For these operations we were presented with a certificate for meritorious activities of the KARC by the ARRL. This honor was given only to 100 amateurs in the Mid West area. Finally the club has attempted to promote school spirit and interest in amateur radio by participating in school activities, such as 'Dog Patch Days', homecoming festivities, and by constructing several displays presented in the library. As a note of interest, we came in second place only to the Tech Wives in the 'Dog Patch Days' booth competition, beating all other clubs, fraternities and organizations on campus with only an active

membership of eight at the time!

Our purpose is basically to provide activities for those people on campus who are interested in amateur radio, and to continually encourage more students to obtain an amateur radio license.

We have been successful in drawing three students directly to this campus for the 64-65 school year through contact on the air, and by personal contact. Just the fact that this school lists the radio club in the catalogue is a great influence on the future student's choice of schools. But this superficial impression is very misleading, and the incoming freshmen are disappointed to find that our club is as poorly equipped as it is. This last quarter the Assistant Dean of Students, Don Steiner, himself talked to a potential student via amateur radio and made 'quite an impression.'

As a secondary, but more obvious, purpose of the club is to provide the previously mentioned message service at no charge to those using it. This service is both a moral builder and promoter of national and international good will. We have recently received several messages from servicemen in Viet Nam to their loved ones back home. In the future we are hoping to extend this service to permit the saving of costly long distance telephone calls, and handle them at no charge through an amateur radio link. Although this would not be possible on a large scale basis, it would help those who could not afford to call home due to financial problems. This could have a very good effect on the school image. As an example, when one of our club members was home recently, he handled 'phone Patches' for nine servicemen on board a Navy Ship in the Gulf of Aden off the shores of Saudi Arabia. It was the first voice contact they had had with home in eight months. In addition patches were handled for persons in Venice, Italy; Lima, Peru, and a station in Equator. Talk about a goodwill ambassador!

We would like you to know why we feel we deserve the money. The first club on this campus was the amateur radio club and was the largest one until the mid-1950's when the curriculum

was changed to broaden the scope of the schools interests and activities. Until this time it was a school requirement that and electrical engineering student in communications must learn Morse code and be a member of the club. When this was lifted the club membership dropped notable, as might well be expected. Since that time the radio club has been almost wholly on its own with the exception of some now antiquated equipment loaned to the club by the EE department.

The club's equipment at the present is in a sad state with deterioration due to use and the humid condition of the operating area in the basement of Shiler Hall. Besides these factors, is the fact that the 'state of the art' has improved considerably and for the most part the equipment may be compared to the function, of a 1946 four inch television set. It has become antiquated, but yet is not old enough to be considered an antique. Due to the previous factors the equipment is difficult to operate and has been an embarrassment to those operating it on the air. Presently 100% of all transmitting is done on equipment owned by club members; on loan to the club! If these generous persons would remove their equipment probably there would be no operating at all.

Our plans in the immediate future include a remodeling of the present delapidated operating shack and the installation of a new antenna system, not to mention the plans to purchase new operating equipment. This new equipment would consist of three independently operated stations. One: a high frequency radio-telephone transceiver operating on single-side band, two: a high frequency radio-telegraphy transmitter and receiver, and three: a new VHF (very high frequency) transmitter and receiver.

Our present facilities include only the last two stations. With the changing of the state of the art and the clubs expanding needs and interests, we have created a need for the single side band transceiver. The low-frequency receiver we are now using on loan from the EE department is being used for all operations, both low frequency and VHF. By purchasing a new receiver to replace it, two independent stations are created. The single

side band transceiver is of equal importance with the new receiver, and it could be said that if either one was not purchased, we still would be at a loss for a complete and competent station. It perhaps would be better to say that these two prime pieces of equipment are not needed, but are an absolute necessity.

If it were possible to obtain the money for this equipment, meeting the quality and standards of other schools and our own high standards, it would cost at least several thousand dollars. But we are not quite that optimistic and are willing to make certain sacrifices. As a result our plans have developed into long range plans and hopes.

We hope to have the three mentioned set-ups at a minimum cost by next fall (if you are able to help us). Our hopes are to raise over a thousand dollars from donations and by fund raising projects. Understand if you will please, an amateur radio operator is not permitted by the FCC to engage in any profit making activity that uses amateur radio facilities. With our present membership of about 10 or 15 active members we are limited in the financially profitable undertakings available.

We are at present in a position to purchase the low frequency receiver used in excellent mechanical and electrical condition for about \$250. The price of the receiver new with the same features would cost \$400. If we can act immediately, we can take advantage of this tremendous savings.

As a final purchase, we would like to get some VHF equipment. The only cost figures we can give are vague because of several reasons. First, what we get depends on the capital available and the type of equipment needed. The minimum amount of \$200 would have to be spent. This gear, of this nature, is expensive but not unreasonable or impracticable.

The other equipment must be purchased new. To complete this second station we need a radio telegraphy transmitter at a cost of \$125, but the receiver must come before we make this purchase or no advancement in station functionality is made.

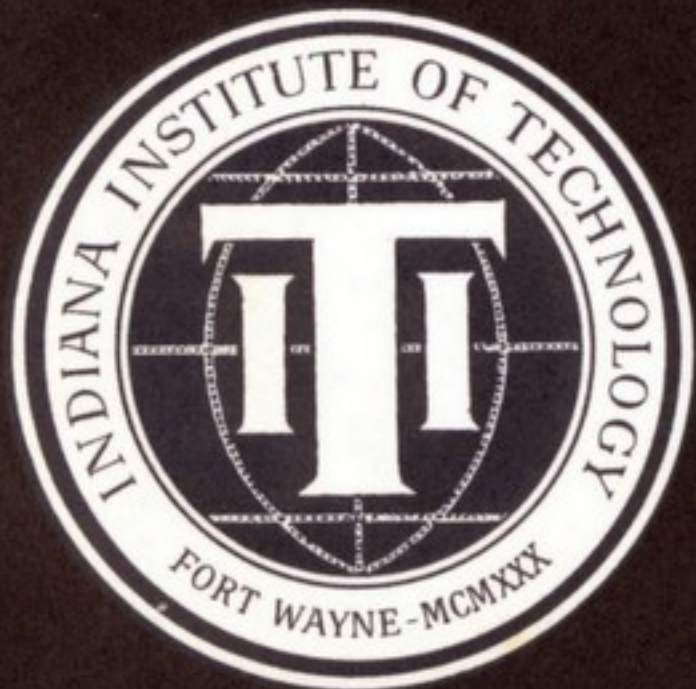
We presently have a total of \$400 in the new equipment fund, \$300 of which we recently received from the Student Senate. The total amount includes nearly 100% of our treasury. As a result we have an immediate need for \$250 plus. This still leaves almost nothing in our treasury for the maintenance of the new equipment.

It is the hope of the KARC that you could be instrumental in promoting and advancing our interests, We do not intend to rely on generous donors, but intend to make a serious effort to finance some of the equipment ourselves through profitable undertakings, and possibly borrowing from the school or other organizations. We feel that with the proposed improvements we can be one of the most outstanding and respected clubs on campus, and yet continue to be of an increasing asset to the school and the community.

Signed,

Charles A. Bliley

Charles A. Bliley
Acting Activities Manager



W9BHR



Bachelor of Science Degree programs in Science & Engineering
For information write to Office of Admissions

CONFIRMING QSO ON 4-7 1966
WITH RADIO K3QHO/3 AT 1900E EST
ON SEVENTY-5 METERS
UR SIGS Q 5 S 9
XMTR NCX-3 WTS 100DC
RCVR NCX-3 ANT DIPOLE



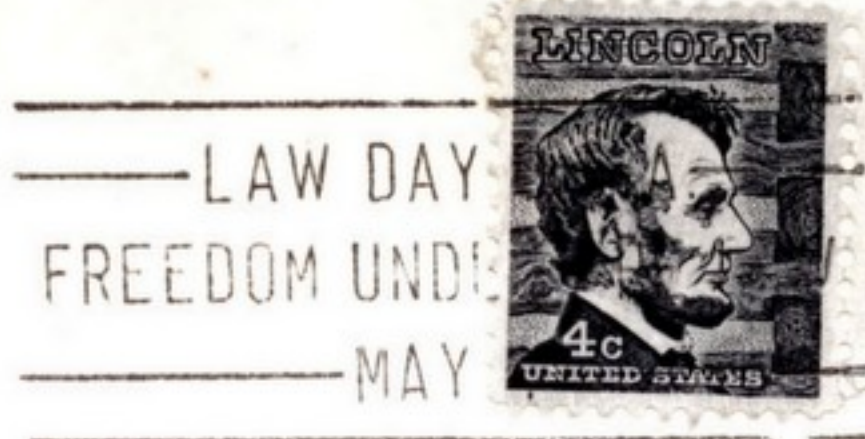
TNX Jim for HANDL.
ING PATCH. NICE SIGS!
Hi! SEE YOU THE
WEEKEND OF THE 23RD.

73 Charlie

PSE

QSL

TNX



TO

A. R. S. K3QHO/3
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ERIE, PENNA.
16509