



KARC SPARKS



DEVOTED EXCLUSIVELY FOR TECH HAMS

Volume 1 Number 4

June 1967

Published monthly by the KARC, Indiana Tech

AX GRINDING

The fourth issue of this fun-book is on the way and every member must be overwhelmed by the regularity we keep here at KARC Writing and Publishing, Inc.,. What is more overwhelming to the editor is that this is the third editor in four issues. You think you are sick of announcing a new editor in every column? Actually everything done here has it's purpose. Mine is to the tune of forty dollars. See the light now? After all, who can really enjoy operating in that hole, especially since all the equipment has either been stolen or stored for the summer! In other words anyone wanting to know all the activities of KARC during the summer drop a small donation for the thrilling July and August issues. If you don't, the chances are pretty great that you will be talked about. AR . . . de K8SHE

DX LAND

Charlie, K3NAU, former KARC live-wire, has informed us that his basic training in the United States Coast Guard is over, and he is presently the second in his class in electronics school at Groton, Conn. He even threatens to go for his general when he is finished. Keep up the good work, Charlie.

Mike, WA4HQW, is presently touring the Mediterranean with the US Navy's Sixth Fleet. If they could just get him away from those European women, we might hear him on 40 or 80 meters CW some night.

Al, WA2RBE, visited the Tech campus during the last week of the spring term. Al rode his bicycle from New York to Ft. Wayne the hard way --around Lake Erie by way of Canada. With these kind of DXpeditions looks like we have our own Gas.

DX-BOY DOES IT AGAIN

Jack "Hollywood" Briczo worked the state of Washington the hard way on 20 meters. The ice storms had brought down the 20 meter dipole and left it in a coiled heap, but Jack's performance was unhampered. Since we have restrung the dipole, Jack won't touch 20 meter DX. He says, "It takes the challenge out of it." Since AYF is our only DX hound, it has been suggested that we take the dipole back down. WN2WMM

WOULD YOU BELIEVE (OO)?

Briczo and Paragi are tied in their contest to see who can get the most "OO" reports. There will be a playoff during the fall quarter. Anyone wishing to join the contest must show proof that he has received at least two "OO" reports, or one "OO" report and an FCC Pink ticket, or one FCC "green" ticket. Ed WN2WMM

GRADE POINT

The grade point average for KARC during the winter term was 2.58. That is second only to one fraternity while WITB had less than a 2.00. Keep up the good work guys.

During the spring term, the KARC grade average was 2.57. There were no grades posted from other organizations so no comparison can be made.

MOBILE EXPEDITION

The first car wash was rained out, but the rain didn't keep ten KARC members and two cars from making a twenty five mile trip north to the Chain of Lakes State Park. There was six meter communication from car to car until WA9QKO/m9 had rig failure. There were some mobile excursions into some rarely traveled areas plus some hide-and-seek on wheels. There were also some rare DX stations from Japan that were heard but never confirmed. (fortunately) The other mobile was K8SHE/m9.

CAR WASH

The rained out carwash was held the next weekend, on Saturday, April 8. The weather was fairly good and the turnout of members was almost one hundred per cent. Sixty cars went through the line and brought a net profit of about fifty dollars. By the end of the day, everyone was completely soaked, but no resulting illnesses were reported.

DAYTON HAMVENTION

A Tech car piloted by one worthy faculty advisor ferried a full load of junk and Sparks to the annual Dayton Hamvention. With display after display of fabulous goodies, forums of every sort all day long, and all kinds of hammy chaps to get into, the Sparks stayed out in the dusty Flea Market to sell junk, and take advantage of Ohio's lower drinking age. No one won a prize, but \$75 was spent on VHF equipment.

SPRING COLLEGE DANCE

During Spring, every man's fancy turns to thoughts of 'wimenses'. Even Tech students.

KABG got into the act by sponsoring an all college dance. With faithful support from local colleges, the dance floor was packed by up to twenty dancers all night long. All Sparks were thrilled at having the car wash profit completely wiped out.

ANTENNA FARM HAS SPRING PLANTING

With a new Moiley TA-33 Jr. and a new Finco 6&2 meter beam, it was only natural to have an antenna party. Completion came at eleven o'clock on a Friday night when the TA-33 was finally bolted into place. Later, after the rotor was fixed, the brake was fixed, and the slop was taken out of the mast, an element fell off the TA-33, causing all antennas to be taken down to be put up during fall harvest. What say Ed?

SIX METER FM

Long past due is club thanks to Jim Dougherty, K9ZYH, who graciously loaned us his six meter FM fixed frequency transmitter and receiver. In order to make fixed frequency operation the same throughout the country, the ARRL has asked that 52.525 Mc. be used on six, and 146.825 Mc on two. In practically all sections of the US, these frequencies are used. In the Ft. Wayne area, 6 FM has been established on these frequencies for quite a few years, while 2 FM is steadily gaining in popularity. The rig that Jim loaned us has about 35 watts of output and has worked stations up to 25 miles away. Considering the 4 db loss in the 100 ft. of RG-53 feed line used, that isn't too bad.

SUMMER KARC

KARC probably has more members in school this summer than ever before. K3SHE has taken over WB2MIY's old room in 123 Quad, while K3QMI has moved into 107 Quad (you can tell the oldtimers by their call and their needed summer sessions). WA9GFR is still his busy and elusive self, and unlicensed Tom Morello, who lives off campus, is seen sneaking around from time to time. K9ZYH, whose club status is not fully understood, lives in SHE fraternity house. So far these summer members have not scheduled any dances.

RULE OF THUMB FOR VHF

Ground everything in sight;

If you can't ground it, bypass it;

If you can't bypass it, shield it;

If you can't shield it, forget it;

If you can't forget it, do homework.

Jerry WA9QKO

WHERE HAVE ALL THE GOODIES GONE?

As everyone is well aware of, many small items were lifted from the ham shack during the spring term, with the theft of the SX-117 as an encore. Since the smaller items were surely taken by someone with a key, we would like to tell them that there is really no protection against such noble deeds. But this sort of thing will quickly and completely destroy the club. Members of WITB steal for their organization, not from it. This desire to work together has made them unquestionably the greatest organization on campus. This can be seen this summer as their new station room rivals that of any radio station for looks and convenience. This has come only through each member's desire to work together for the club.

The new owner of the SX-117 may or may not be a club member. However we hope he takes good care of it because it is a real great piece of equipment. If only the owner's integrity was that good. By the way, anyone giving sufficient evidence that he has the receiver will have the matching speaker sent to him at the club's expense.

VHF BOYS GET READY

I was recently thumbing through the latest QST and happened upon the VHF section. This was a pure accident, you understand. My eyes fell upon the 50 Mhz section. I started to read and my eyes got bigger and bigger. Six meters is really coming back to life. The article mentioned that 6-land has been working consistently into South America since January. Six-land is a long way from us; but the article also mentioned that several K8's reported hearing a South African station about 50.250 for a solid half-hour.

Paging through 73 I found similar results plus the propagation forecast mentioning a 50% or better chance of South American QSO's between 3 and 12 in the morning and 5 and 8 in the evening.

Could six meters ever replace twenty meters??

Jerry WA9QKO

(Do you also realize that they are soon expecting some rare 2 meter skip? Editor)

WAS SOARING OUT OF SIGHT

Although showing down for the summer, QSL's from new states keep coming in. With the addition of Rhode Island, Minn., Colorado, Maryland, and Wyoming, KARC stands with seventy six per cent confirmation. Even District of Columbia is now represented.

A special tip of the hat to WA9QKO who worked Wyoming and California on six. Guess that skip is really here after all.

Although the goal of WAS in three months was not quite successful, results were not too bad considering set-up handicap. How about WAC?



SPARK OF THE MONTH

(This will be a regular feature of Karc Sparks, maybe. Anyone interested in being the "SPARK OF THE MONTH", send a good description of highlights, progress, bits of humor, special interests and other bits of goodies about yourself. Limit this to ham radio and Tech. Editor)

Bruce Hoverman, K8QMI, one of our older (?) and more mature and settled members(??), is this month's special SPARK.

Bruce started in ham radio at the tender age of twelve when he earned his Novice license. A year later as an eighth grader he achieved the Technician level, finally making General in September 1962 when going into his junior year of high school.

The bug bit Bruce while helping his dad study the code. He soon found himself knowing all the characters and ended up going to code classes sponsored by the Van Wert Amateur Radio Club.

The first station Bruce had was modest by all means. He bought a National NC-54 from his brother and homebrewed a powerful ten watt transmitter for 40 and 80 meters. After not being able to work any farther than Van Wert, he invested in a Heathkit DX-35. From this time on Bruce was able to work over one hundred contacts with twenty states confirmed.

After getting the Technician license, Bruce bought a Hallicrafters S-85 and an International six meter converter, and adapted the DX-35 to six. He claims this will be his only station until his engineering job allows for the purchase of Heath's SB-101.

Bruce's popularity as a Spark can be seen in the fact that he was unanimously elected president of KARC during the first week of his freshman year. As a sophomore he served as vice president with distinguish. Since then, spending all his time co-oping and studying, he has turned down offers for other offices, but has continued to help the club when help was needed.

When asked about advice for new KARC members, Bruce replied "Get all the women you can. Don't be like me." Turning more serious, he added that ham radio should be a hobby and a supplement to a career, and that "You should not let it get the best of you." He went on to say that ham radio had been a help in his EE courses.

A TIP OF THE KARC HAT TO SPARK BRUCE HOVERMAN, K8QMI

SECURITY OF EQUIPMENT GOOD

Former two year president of KARC recently discovered the thoroughness of the security of KARC's equipment during the summer. Anticipating working a contest the first week in July, he tried to get the green Norsman and receiver out of storage. However the EE wouldn't budge in letting it out without the expressed written consent of the club advisor. This proved to be a time problem since Mr. Kern will be in Tuscon, Arizona until the end of the summer. Upon further investigation it was found that K9ZYH tried to retrieve his own personal six meter FM transmitter and receiver. After sighing much much red tape Dr. Klingler relented and let it out. No name was mentioned as to who the two year president of Karc was.

KARC CONTEST

KARC has adopted the initialed slogan of H. S. O. L. for the month of June. Anyone figuring out what the initials stand for will receive two months of KARC Sparks free. Earliest post mark wins. Offer void to K8SH3, WA3AYF, and those to whom WA3AYF gave the secret.

CARTOON OF THE MONTH



WHAT DO YOU MEAN
WE DON'T WIN THE
SWEEPSTAKES BECAUSE
WE USED MY MOBILE??

QUESTIONNAIRE

Greetings from W9BHR,

I hope that you are enjoying your summer vacation and that all is well. However all is not well yet here at the shack, and there are a few questions I would like you to fill out and return immediately to the KARC.

1. Which type of receiver do you prefer? _____
Price class \$400.00.
Please look into these rigs.
(A) SX-177
(B) R-4
(C) HQ-170A
(D) HQ-170A VHF
(E) Other (name)
2. Would you like to see the KARC expand it's operating room? _____
3. If so, to where? Into the present linen room or to the third ~~fix~~ floor, or other? _____
4. Will you help in this expansion project? _____

Thx om es 73,
Jack, WA3AYF
President KARC