



HAM H U M

AK-SAR-BEN
RADIO CLUB
INC.

WØEQU

November 1960

P.O. 626

Omaha 1, Nebr.

Vol. X No. 10

OPERATION GOBLIN

The Omaha-Douglas County Six Meter Communications Net patrolled the streets of the City of Omaha on Halloween to act as additional eyes for the Police Department. Headquarters station was set up at the Police Department, ably handled by George Winkler, KØQYM, Director Civil Communications Division, who received the information from the relay stations. Two relay stations were established, on north and one south, for the purpose of receiving messages from the mobiles and relaying them to Police Headquarters. The north relay was handled by KØWVF, John Cook, and the south relay was handled by KØGES, Harold Rose, and assisted by KØOTL, Del Himeberger.

Each mobile was assigned a territory to cruise and observe

any evidence of vandalism in order that a Police cruiser car could be dispatched immediately to the area. Some of the areas were quite calm and peaceful. As far as vandalism was concerned others required messages to be sent to the central control. All areas were filled with goblins and spooks in the "trick or treat" gangs.

The following helped out as mobile or rider:

- WØCQX, Ed Gutmann
- KØSCD, Glenn A. Gruhn, Jr.
- WØYZV, Dick Eilers
- KØMSS, John McGovern
- KØTVD, Charles Sudds
- KØUIA, Duane Gerry
- KØTUL, Bill Crowell
- KØVLA, Mel Cunningham
- WØRMB, Cecil DeWitt
- KØYYI, Harold Gruhn
- KØPQR, Tom Thiessen

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Ham Hum

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EDITORS
Al McMillan, WØJJK
Dick Eilers, WØYZV

PROJECT "6 METER TRANSCEIVER"

For the information of the group who volunteered to participate in building and using "Project 6 Meter Transceiver," we are submitting this final account.

The transceiver was to be built with these points in mind:

(1) To have a self-contained universal power supply, 6 and 12 volt DC and 117 vac.

(2) To have a superhetrodyne receiver with noise limiting and squelch.

(3) To have at least five watts of input power, xtal controled with an 8 MC xtal.

(4) To have the facilities of push to talk operation.

(5) To cost in the vicinity of \$50.00.

After many hours of work and planning by WØWRT, John Snyder and WØCQX, Ed Gutmann, the transceiver has been built with only one more thing to do and that is to find a suitable relay to be used in the universal push-to-talk circuit.

We have fulfilled point No. 1, No. 2, No. 3, have yet to

complete No. 4 but have failed in point No. 5.

To date we have put approximately \$60.00 into the transceiver and this price does not include anything for the cabinet and the tubes, which were considered as donations.

In view of the above, we feel it in order to notify all concerned of our final conclusions.

If the only available transceivers on the market were in the \$300.00 class, the vote would be to go thru with our project to the end. However, during the past few months one of the national kit manufacturers has come out with a satisfactory small transceiver in the \$40.00 to \$45.00 catagory, another manufacturer has announced a 6 Meter transteiver with superhet receiver and completely wired for only \$60.00. These rece developments with possibly more to come have "put out the fire" on our Project 6 Meter Transceiver.

Our advice to those who were willing to go along with our club project and get on 6 Meters is, you will be able to do that much easier and cheaper by purchasing one of the already planned kits or less costly commercial units.

The above facts are for your consideration and judgment.

The project was a most interesting one to us but we have to concede the commercial outfits beat us to the punch.

See you all on 6, mobile.
Ed, WQCQX

SIDELIGHTS ON DX

This year ('60) may be best noted, at least for DXers, as the year historically of the break-up of Africa into independent republics, and their necessary designation as new DXCC countries in the ARRL Countries list. About the time you get this bulletin we'll have a newly revised Op. Aid No. 7 (Countries List) available which includes the changes--so far. All have been indicated in official bulletins (OBS)...but you had best refer to DX Notes; Sept. '60 QST, and Oct. '60 QST, OP-NEWS, for the announcements and remarks on these additional stings, and the ones consequently required to be taken off the list. Too many new ones to recount them here!

Will be looking for all my old friends (and hope to make some new ones) on 28,892 or 28.960 on the week ends. Don't get home as early as last winter so don't expect to be on 10 M during the week. Have my 10 M beam up with a nice low SWR and it is locked in on Omaha - Council Bluffs. Caught KCMQG, Lowell, last Sunday and he was good enough to patch me into my in-laws. Will be looking for you guys on the above mentioned frequencies. Any snowflakes flying yet?

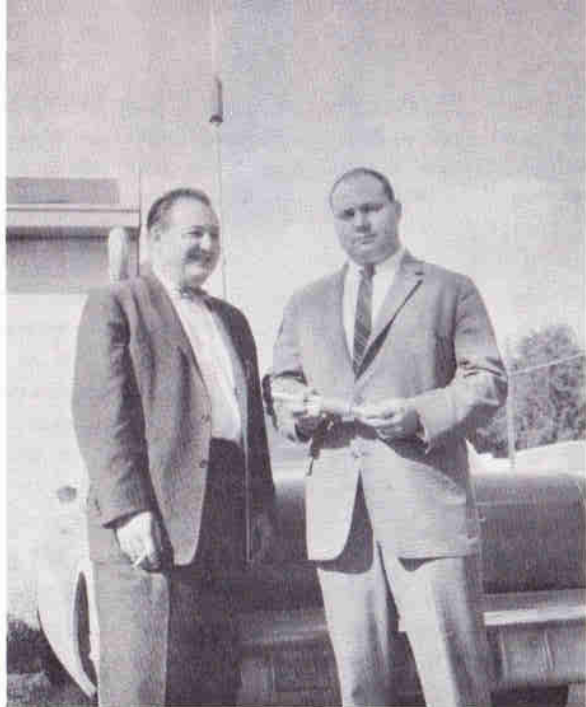
73,

George, WA6JBA

DX hams who desire to work and a guaranteed QSL card can work SP6FZ - 15-20 mtr cw or fone maybe had on skeds. Good time 28 mc 1400 to 1700 GMT. 21 mc 1600 to 1900 GMT 14 mc 0500 to 0800 GMT. You may write directly to SP6FZ Jan Ziembicki, P. O. Box 30, Bielawa, Poland or the SP QSL Bureau W2JWK P.O. Box 57, Pine Island, N.Y. I make this appeal to clutter the DX bands with U. S. signals so we can maintain our frequencies in the future. Local contacts are fine but that is not what foreign gov'ts base on holding frequencies.

73's

S. Piotrowski, W0EWF



We Are Pleased to Announce

A SPECIAL PROGRAM AT
OUR REGULAR NOVEMBER
MEETING NOV. 11

WE ARE FORTUNATE TO HAVE AS GUEST
SPEAKER, ANDREW A. ANDROS, PRESI-
DENT OF HY-GAIN ANTENNA PRODUCTS,
IN A SEMINAR DISCUSSION AND DEMON-
STRATION OF THE NEW HY-GAIN SLIM-
LINE TRAPS AND ANTENNA SYSTEMS.

Bring Your Individual Antenna Problems

A QUESTION AND ANSWER PERIOD
WILL FOLLOW!

FRIDAY, NOVEMBER 11


FREE! DOOR PRIZE! FREE! . . .

THE ALL NEW

3 ELEMENT

Hy-gain THUNDERBIRD tribander

The 3-Element Thunderbird



Hy-Gain's new Standard Tribander is the end result of an intense and thorough engineering program initiated to mass produce the mechanically and electrically finest 3-Element trap tribander for amateur communications on 10, 15 and 20 meters. Unconditionally guaranteed to be better constructed and to outperform any other 3-Element trap tribander regardless of price. Compare the 3-Element Thunderbird in construction, weight, trap design and PRICE . . . definitely the greatest tribander at the lowest price! Overall boom length 14 ft. Longest element 26 ft.

Outstanding Features of the 3-Element Thunderbirds

New stronger and lighter all aluminum construction of 2" OD booms and 1 1/4" telescoping to 3/4" OD elements . . . New plastic and steel gusset bracket assemblies; all steel fixtures and hardware "iridite" treated in accordance with military specifications. 100% rust proof.

Low SWR

Guaranteed less than 2 to 1 SWR on all bands with no tuning or adjusting necessary. Excellent broad band characteristics. Designed for 52 ohm coaxial line.

Quick and easy assembly and installation from clearly written instruction manuals complete with drawings and photos.

Slim Traps

Unconditionally guaranteed to be completely impervious to all weather conditions. The new "solid state" slim traps are the world's smallest, lightest weight trap assemblies (1 1/2" in dia.) The highly efficient coil and capacitor are wound on and completely imbedded in the new low loss polypropylene plastic. Withstands Maximum Legal Power. Thoroughly tested with leading commercial transmitters . . . Withstand 1000 watts CW or AM and 2000 watts SSB.

DON'T MISS

THE BIG

NOVEMBER MEETING!

This beam will be given away to one of the hams attending. (Bring your license or photo copy thereof to qualify for this drawing.) This includes novice, technician, general or extra class. Don't miss your chance on this beam by staying home and do bring a friend. (You do not have to be a member to win. You must, however, be a ham.)

Arranged thru
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Hy-gain
antenna products

AND **WRL** WORLD RADIO LABORATORIES

"The House the Hams Built"

Analytical Remarks

By S. J. McLagan

An analysis for analysts that analyzes analyses!

The term of analyst could mean most anything. These days we have market analysts, soil analysts, budget analysts, news analysts and a host of people busy analyzing everything from the mating habits of termites to the reason why the swallows return to Capistrano. Maybe it would be well for a few minutes to analyze analysts.

BACK WHEN

Back in the good old days life and people were simple. Only three things happened in a normal life time - a person was born, got married, and there was nothing left to do but die. He had no control over the former or the latter so he only worried about his marriage. His work was likewise simple. To him horse power meant one horse, in person. He was happy without TV, outdoor movies, electric can openers and tail fins on his buggy. The only items withheld from his pay check were the two dimes he kept from his wife so he could live it up with the boys in the grog shop Saturday night. He was happy with a semi-annual bath and did not have to choose between goeey creams, messy

sprays or the rolled-on variety to hide his gamey smell. Time was an element that he measured in twelve hour work days, six day weeks and a vacation he took beginning the first day of his own wake. In all he hoped to live out the three score ten allotted him by the Bible.

IN COMMERCE

In business the problems were likewise simple. Businessmen bought at a price after some sharp trading and sold at a profit after some more bargaining, and do you know some of these poor souls like John D. Rockefeller, Jay Gould and Willie K. Vanderbilt went through their entire lives never knowing if they had made 69 or 70 million dollars? What was worse, the government didn't either and they let all that tax money go down the drain into such foolish things as the Ford Foundation and the restoration of Williamsburg, Virginia. Just think how much better Washington could have spent it on such fine foreign aid programs as as restocking the Dead Sea with fish or sending electric razors to Castro's boys in Cuba. It became evident to the politicians

that some way had to be devised to get hold of some of the loot so they hired a fellow to analyze the problem and suggest a way it could be done painlessly. Thus a profession was born.

IN THE BEGINNING

A certain fellow up in Endicott, New York had invented a time clock that could be installed in a factory to make sure that all the help arrived on time and didn't sneak off before quitting time. In order to sell the contraption he had to sell the idea that the time saved by making sure of a full day's work would add up to several man hours each week in each factory. To figure out the saving for the industrialist this fellow invented an adding machine. This meant they had to hire a fellow to run the the adding machine and he succeeded in using up the time saved by the time clock. This situation created sort of a stalemate until it was decided to have some one analyze that problem.

The analyst wasn't about to analyze himself out of a job so he injected some more complications, like paying by check instead of cash, taking inventory instead of buying what they needed and selling what they had on the shelves. This called for more machines that in turn required more analysis and so the felony compounded. It has taken more and more men

to figure out how to save more and more time until now our 40 hour week is considered drudgery. Our withholdings are now handled by the State and Federal governments and we are lucky to have the two dimes - even if two dimes won't buy one beer.

I suppose, though, we should be happy. Look at all the fine things we enjoy these days. We have cars that will do 90 in second gear, and radar to give us speeding tickets if we do. We have TV in every room so we can't possibly miss the 25-year-old movies that we didn't have time to see in 1934. In fact, we have saved so much time in the last decade that we don't quite know what to do with it. For instance, you can't even use it up in travel because right now you can go to San Francisco via the new jet service and get there before you leave New York.

The next thing we must analyze is what to do with all the time we've saved.

THE SAVINGS

I figured the other day with the help of a full set of transistors, punched cards, vacuum tubes and assorted gadgets and a pile of fanfolds high as the "Think" sign on the wall, that right here in New Jersey we save 3 eons, 43 light years, 14 eras and 2 weeks every year, a megasecond at a time. My analysis further calculates that

with that much time saved each year there is no reason to have the next 2,562,000 babies because there isn't anything for them to do when they get here. You all know that the machines have saved so much time that 4 million are out of work and the figure would be 5 million except that it takes one million government employees to analyze the problem and handle the payments and collect the taxes necessary to cover the tab.

Maybe you think that we have reached the ultimate in analytical work and computation. Indeed not. We haven't really started. Let me give you an example. Every available computer and dozens of analysts struggled together over the past two years and we finally got a moon shot off the pad at Cape Canaveral - and it was a success - only missed by 44,000 miles. Now the same crew of machines and men will spend the next two years trying to figure how it happened to come so close. I'll bet too that when the figures are all in and analyzed that the error was made by a punched card operator who hit the wrong key as she remembered how her boyfriend had snapped her girdle the night before.

We do have some help in using up the saved time. The C.I.O. has made a pretty good dent in it with strikes. Congressional committees have chewed up some more in the

hearings and, of course, we have the coffee break.

All of this may be progress, and perhaps we do need a few tons of figures from our machines to keep the analyzers busy figuring the odds on "Plow-boy" in the 5th at Tropical Park or the chances of "Ike" making a hole-in-one - but sometimes I long for the good old days when the only analysis one faced each year was the sample mother took down to the family doctor each spring to return with always the same answer, "sulphur and molasses."

A new phone net has been organized for Western Nebraska with Dwain Sutton, KQRR as net control. Membership is largely AREC members which began operation late in September. The Western Nebraska Emergency Phone Net operates on 3850 kc with an alternate frequency of 3845 kc, daily, including Sun., at 6:15 P.M. Mountain Standard Time. The main function is weather reporting. The local radio station, KCOW, broadcasts such information each evening after net from stations not on regular commercial weather reporting service. Francis Bigley, KOTUH/O, summarizes the results and makes a "live" broadcast.

Martin D. Johnson, WQBJA

CANADIAN PHONE BANDS EXTENDED

The Canadian Dept. of Transport has announced that, effective Sept. 15th, certain of the phone bands for Canadian amateurs have been revised to read as follows:

7150 to 7300 kc.

14,100 to 14,350 kc.

21,100 to 21,450 kc.

28,100 to 29,700 kc.

The DOT's action is responsive to petitions it received last year, and a subsequent poll of Canadian amateur opinion, which showed sentiment for increase.

F. E. Handy, W1BDI, ARRL CM

TIME indication (for FCC logging) is a necessity in every amateur station. Precision in observance of time is the mark of the good operator, whether his interest in traffic, DX, or individual skeds. TIME DISPLAY often makes the difference between the looks of an odd ball collection of equipment and the well developed, glamorous, DX-traffic-capable amateur radio station.

The advantage of GREENWICH TIME is that it is the universally understood reference throughout the world. Aug. QST (P. 81) gave you a conversion chart. Unless you already use GMT in logging, we suggest that you might paste some on your receiver and start using it.

OPERATING SKILL TOP INGREDIENT FOR SS AND CD PARTY WINS

The 27th Annual ARRL "SS" will be held Nov. 12-13 and Nov. 19-20. 'Tis the most popular of all the big ones, to judge by the number of logs. A k.w. isn't required to win this one. In the c.w. category note that one section winner used an ARC5. The phone section winners used DX100's Vikings, Valiants, Apaches, and even a DX-35 was listed; some used six and two meters. BAND VERSATILITY and OPERATING SKILL are, we think, the big factors. A good objective for the fellow who doesn't go all out, is still to try to work all 73 SECTIONS. There were NINETEEN Novice-Certificate winners --- so you clubs please get your newer contingent to recognize the Big Chance for fullest operating enjoyment, New States and general big results for the individual station that can come out of taking part in this year's "SS." Old Timer's and Novice alike go for the SS in a big way.

Wanted to buy a used 6 ft. enclosed Rack Cabinet. For Sale a new Eico 7" scope, complete, less leads and instruction book, \$100.00.

WQYSK, Bill Gettman
Norfolk, Nebraska

(continued from front cover)

WØUJJ, Matt Clarke
KØSBS, Russ Rutherford
WØVLI, Lou Cutler
KØJQS, Doug Flair
KØDFQ, Dick McCollum
KØVNC, Arnold Hauswald
KØKEO, Joe Roberts
WØYCP, Jim Droege
KØZYA, Mike Waller
WØLFM, Dick Reimund
KØZUZ, Jim Cooper
Russ Hassmann

The Newly established Council Bluffs Civil Defense Net performed the same service in the Council Bluffs area. We are sorry that we cannot give credit to those who participated as we do not as yet have the list.

Both groups were highly complimented by their respective Police Departments.

Had a real nice QSO with Movie Producer, Harry Smith, WA6HWB, who is back on the air again after 11 years, I know that several of you fellows have talked to him. Harry wants Ham Hum sent to his new address, 6310 Willoughby, Hollywood, 38, California. He will be releasing two wonderful movies soon, "The Day of the Trumpet," "Kipling's Women." Hope all the Ham's and their friends will be watching for them. Thanks for the nice picnic sure had a swell time.

Bob, KØDBU

**OFFICIAL BULLETIN NR 769
FROM ARRL HEADQUARTERS
WEST HARTFORD CONN OCT
6 1960 TO ALL RADIO
AMATEURS BT**

The twenty seventh ARRL Sweepstakes contest is scheduled for the week ends of November 12 and 13, and 19 and 20. Those planning to participate are urged to make requests for log sheets immediately. In making your request to ARRL be sure to give your complete name and address. Unless otherwise requested, three logs will be sent along with an Operating Aid No. 6. Mark your calendar now for the Sweepstakes. Complete announcement and rules appear on page 50 of forthcoming November QST AR

**OFFICIAL BULLETIN NR 770
FROM ARRL HEADQUARTERS
WEST HARTFORD CONN OCT
13 1960 TO ALL RADIO
AMATEURS BT**

Effective November 5, 1960, amateurs of Paraguay and the United States will be permitted to exchange messages on behalf of third parties. The number of countries with which the United States has similar agreements is now fourteen. These countries are Canada, Chile, Peru, Cuba, Ecuador, Liberia, Mexico, Costa Rica, Panama, Nicaragua, Venezuela, Haiti, Honduras, and Paraguay AR

Dear Mabel,

Last night I went on my first hidden transmitter hunt. This will surprise you, but I enjoyed every minute of it. It's the first time ham radio has appealed to me. There's something about a transmitter hunt -- a sense of adventure, the thrill of the chase, the chance to get out of the house.

We took our first reading from the driveway about dusk and got a bearing towards the suburbs. This wasn't much help because you know our suburban area. The Everglades. But that old thrill of the chase (and the refreshments hidden with the transmitter) made Clyde real eager to go, go, go.

Don't know how the other clubs work it, but on our hunts a transmission is given every five minutes. If the transmitter hasn't been found after the first hour they start giving a few hints. I suppose somewhere in this world there may be someone who has been helped by those hints.

What adds to the excitement is the fact that the cokes, beer and good things to eat are at the mercy of the person who is hiding the transmitter. If he is the typical club member, the stockpile of goodies audibly goes down as the hunt goes on. The last one in gets lots of funny remarks and a few potato chips. It's cruel, but it has its advantages. If the hunt lags as the hours pass, a small burp and the clank of a beer can during a transmission gets the boys alert and frantic.

Mabel, I won't go into all of the details of what happened to us, but we bounced around the backwoods road and trails for a couple of hours. A patrol car stopped us, we aroused a kennel full of hound dogs, got hollered at when we apparently trespassed on a farmyard, and we hit every chuckhole and dead-end in a radius of three miles, and interrupted a courtship. The only hint we had was that the transmitter was directly under Arcturus.

When the road got so narrow that we couldn't go on, Clyde stopped the car. We knew about where the transmitter was but we didn't know how to get there. We sat there for a minute looking at the moonlight through the dead bugs on the windshield. I said, "Let's neck," and Clyde said, "Oh, nuts," and our receiver said, "Stay where you are and the hidden transmitter will come to you."

So they did and we didn't even get any potato chips.

It's funny, but we can hardly wait for the next hunt. Clyde says he's going to tune the loop better and put an S meter on the receiver so we'll be the first ones in. Also, he's going to ask his friend Herman to come with us. Herman doesn't need a loop. He homes in on the goodies.

Mabel, if you get a chance to go on a transmitter hunt, for goodness sake, go. It might not be very romantic, but it's a lot of fun.

Gladys

AK-SAR-BEN RADIO CLUB INC.
P. O. BOX 626
OMAHA, NEBRASKA

NEXT MEETING
AK-SAR-BEN 4-H BUILDING
AK-SAR-BEN FIELD
NOVEMBER 11, 1960
8:00 P. M. - SHARP