

HAM HUN

AK-SAR-BEN
RADIO CLUB
INC.

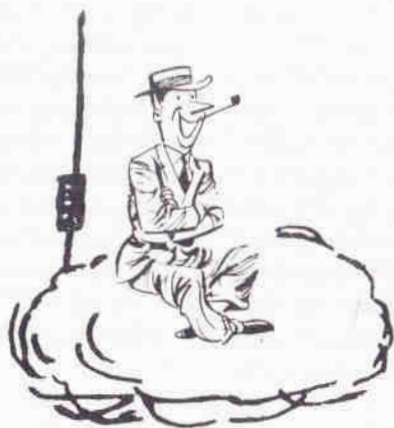
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Ham Hum

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EDITORS
Al McMillan, W0JJK
Dick Eilers, W0YZV

SSB Rig Demonstration

MAY MEETING
TIME: 2200
PLACE - 4H BUILDING
AK-SAR-BEN FIELD
DATE- MAY 8

The May meeting will be a demonstration meeting. SSB style. Harlan Bercovici, K0BHT, will present a demonstration model of the SSB rig described in his articles running in Ham-Hum. Harlan will use an audio generator and a scope to show you the actual pattern needed for the proper adjustment of the SSB exciter.

Sgt. Roberts of Offut will be there to answer any questions you may have regarding Air Force Mars.

The usual refreshments - including the coffee this month. (It seems someone goofed and forgot the Java at the April meeting.)

Don't forget to bring a friend and on the way to the meeting sell him on the idea of joining with us in promoting Amateur Radio. (See membership article and the prizes you can win.)

MONEY- MONEY - MONEY

At the April meeting we mentioned raising money. In fact there were a number of receipt books passed out so as to give you a numbered receipt for your 50¢ donation. See one of the members for details. If you can't find one who knows - call one of the Board members.

EDITORIAL

Many words have been said both pro and con regarding the possibility of two meter operation of Technician Hams. Reminds me of some of the remarks made at the time the FCC made "full and complete hams" of the class B boys. I just finished reading one by Jerry Getz, W5TGO in the "Harc News". I won't print all of it as it is very long but will put in a few quotes from it. He starts out by reminding us of the Class B and the beginnings of the Novice and Tech license in so doing he states, "I wonder how many Class B operators who suddenly had all of the privileges of Class A operation opened up to them with no additional test, are now the self-same people who are opposing the Technician class." And regarding Technicians on 50 MC, "Here was a band that was considered practically useless by the majority of the amateurs. Everything was to gain and nothing to lose by giving this band to the Tech's. Yet from the rumpus raised around the country, you would have thought the FCC opened all amateur privileges to the Technician rather than give them a slightly used band."

"Actually the term 'Technician Class' is a misnomer. To me this class of license is simply a restricted type license just like the old class B license. Let's face the facts; there are no more 'true' technicians on six than there are on any other band. In fact, there may be less because these are mostly beginners. - Even so and having no proof to back me up, I will venture a guess that there are more homebrew transmitters on six meters than any other single band.

"Now, the question comes up of opening the two meter band to the Technicians. Again I'll bet my expired Novice ticket plus a broken linear knob that the people who are against this movement are those who have never been on two meters and gave no intention of doing so. This action has no bearing on their present operating frequencies - yet they are against opening up a band to occupancy. I have talked to a few two meter operators and they are not against having more activity on the band. --With increased activity, new records would be set and possibly a two meter WAS would be in the realm of possibility.

(Continued on page 4)

"The amateur bands are there to use. If they are not going to be used by Generals give them to the Technicians. If the Technicians don't use them give them to the novice. If they don't use them, either close up the band or create a new class of license that will use them.

"Live and let live, fellows, and encourage new blood in this great hobby even if it means letting someone else have the privilege you had to work for. A General still has a big advantage over the Novice and Technician, so you can still feel proud of your class, but don't belittle the lower classes.

"This was written in the interests of amateur radio as a whole and was not intended to be an excuse or a complaint. I just think we need a little better understanding between all amateurs regardless of class of license or operation."

We have only to wait now to see whether the FCC will or will not give the two meter band to the Tech's. Maybe in full or maybe in part as some have suggested. Which ever way it goes, after the excitement is over all will be just Hams again as before. Ham Radio is a great hobby and those who are in it do have a common interest regardless of class of license.

AT THE BOARD MEETING

The membership contest was the important topic of discussion. In order to help promote new members it has decided that we solicit all the non-member Hams in Omaha. No doubt there are some that don't know about us. Also discussed was a general mailing of Ham Hum. All to help you with the membership drive. Any member coming in by mail will be assigned a member present at the May and June meeting as an additional raffle prize. For the list of Omaha Hams Jan DeWitt, KQRWX has volunteered to compile some from a new call book. Cecil will no doubt have to get her a new pair of glasses when she finishes that job.

Also discussed was the September Picnic. Seems like a long way off but how time flies. Also the Decals have been ordered. Hope to have them by next meeting. These are the club shield suitable for displaying on your car. The problem of editors for this paper came up. (What news do you have? Send it in on the enclosed card now.)

From QSO, Channel "A"
Radio Soc. A HISTORY OF
DISTRESS SIGNALS I Ollie,
W2TIN. (Via CQ News)

It is on record that a British vessel used radio as early as 1899 to summon aid. The first distress call from an American vessel was in 1905. Jack Binns made the headlines in 1909 when he stuck to his post as a radio operator of the stricken Steam Ship "Republic" to send the distress signal "CQD". In 1912 the Titanic sent the same call in vain.

Prior to the turn of the century, there was no special radiotelegraph call for sea emergency signal. By 1904, though, there were numerous ships equipped with "wireless", as it was called then.

Around this time, the Germans were using "SOE", and, in 1906, that country recommended those letters. An American contribution was international agreement "SOS" came into being. The British, however, still used "CQD".

1857 Calatina Drive
Pomona, California

Dear Friends:

This is to let you know that I have made a change in location and would like to continue to receive Ham Hum. I have enclosed a note on change of location and job. Effective March 8th, I moved from the Federal Communications Commission Monitoring Station at Grand Island, to INSORD, U.S. Navy, Pomona, California.

Will obtain W6 call letters in due course. Best regards to all my friends and acquaintances - and convention goers - in Omaha, Lincoln, Nebraska and the Midwest.

Dave Ablowich, Jr., W0DW

NEWS OF W0IOS NOW WA2CYF

Frank Cooper, WA2CYF, Short Hills, New Jersey can usually be found any evening around 7 p.m. CST on SSB at 14,270. Frank conveys his best wishes to all his old friends and would like to hear more of them on the air. His kilowatt sounds good with plenty of punch, in spite of no beam yet.

73, Ferris - W0YZK

Good to hear from Frank. Also thanks to Ferris for sending in his card with some news. (Frank's address is 66 Seminole Way.)

EDITORIAL COMMENT

From the RARA RAG,
Rochester, A.R.A.

"The operator of an amateur station shall transmit the call sign of the station being called or communicated with--followed by the authorized call sign of the station transmitting..." Part 12, Sec. 12.82 FCC.

When the FCC is so explicit in stating that your call comes last, we are at a loss to understand why guys presumably in their right minds persist in giving their own calls first and the other fellow's call last when beginning or ending a transmission. We are embarrassed for the wrong-way fellows we hear doing it right here in town. Because we're afraid they don't know it's illegal, we're afraid they don't know that the FCC is sticky about it, and more than once, in citing stations for other kinds of violations, the FCC has cited the wrong station because he signed his call first instead of last.

We do not personally give a hoot how you operate your station, except that a sloppy job always makes us a little less proud of amateur radio. But for your own sake, if for no other reason, give

the other fellow's call first and your own last, like it says in the Book. It's imperative on round-tables and nets. And it'll save you trouble with Uncle Sam.

From the PRAIRIE DOG'S
S-s-s-BARKS, The PRAIRIE
Dog A. R. C. (Via CQ News)

QUOTE: DEAR FINDERS-KEEPERS: Thanks for past favors. I have a problem that I hope you can help me with. I have two brothers. One brother is a Ham operator. The other was just sentenced to the electric chair for murder. Several relatives have died from insanity. My father sells narcotics. My sisters are always in trouble. Recently I met a girl who was just released from a reformatory where she served time on six different counts, and I want to marry her. My problem is this: - Should I tell her about my brother who is a Ham Operator?"

FOR SALE

Must sell HQ-150 in perfect condition plus matching speaker. Guaranteed like new. C.Q. \$200.00 - Ex-KN2VZN Gary Tighe, 2909 West Oak Street, Sious Falls, South Dakota.

Gang,

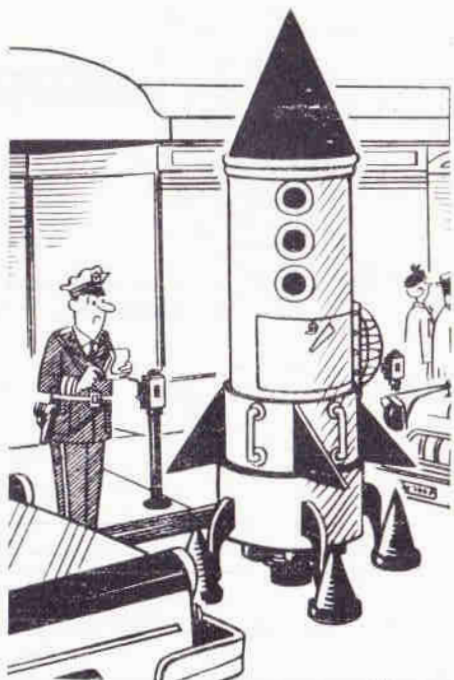
Thanks for another FB copy of "Ham-Hum". Please note new QTH below. Several hams here at office enjoy the Club Organ. To make a W/K6 sit up and take notice of a Q is something in itself. (WA6, too!)

Not on the air here. Still desirous of Tape QSO's so anyone interested let me know and a tape shall be on its way. 3¼ IPS and 3 reel fine for a start if someone cares to take the initiative. Will write in detail soon. Thanks again.

H. A. Morgan, WØBQP

c/o Arinc

PO Box 90036, Airport Station, Los Angeles 45, Calif.



Dear Editor:

Sorry to advise that there will be no VHF column for the month of May...frankly, I am hampered so much by lack of information from the fellows who operate 50, 144 and 220 Mc. How can we get a few of them to shake loose with some info on band activity etc.? It's obviously impossible for me to monitor these bands constantly, especially while I'm working evenings.

I am attempting to gather together some info which I hope will make an interesting article for the June issue. (Plus a photo or two.)

73, John Snyder - WØWRT

THANKS TO CINCINNATI HAMS

The Ak-Sar-Ben Radio Club wishes to send their thanks to the fine Radio Club of Cincinnati for their fine treatment to one of our wandering members, so many thanks to W8NCV for his helping hand in getting Bernie, KØTFJ home to his family by Ham Radio waves.

(Via CQ News)

From the AMA-CHEWER,
Indianapolis R. C.

Descriptive - An amateur radio operator was in a local gin mill and someone knocked a drink over on him. "Look", said an innocent bystander, "rye on ham".



MEMBERSHIP APPLICATION

I, _____, wish to apply for membership in the Ak-Sar-Ben Radio Club.

Signature

Address

City State

Recommended by _____



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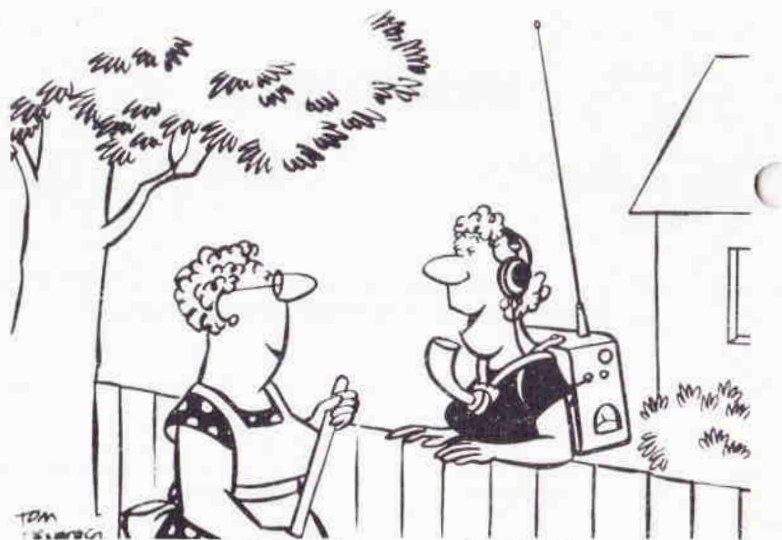
I, _____, wish to apply for membership in the Ak-Sar-Ben Radio Club.

Signature

Address

City State

Recommended by _____



"That's nothing -- wait'll I tell you what I heard this morning!"

From the COLLECTOR-EMITTER, Aeronautical Center A.R.C. VOICE VS DOTS AND DASHES. (Via CQ News)

Anywhere a group of radio amateurs get together, sooner or later some phone man will make a sneering remark about "people who talk with their fingers"-then some CW man will come back with a crack about how some people like to fish with dynamite while others are content with a hook and line even though it does require more skill, time, and patience. Maybe both of these groups have more in common than they realize.

For several years a number of very smart cookies have been diddling around with voice signals with intent of

accomplishing two things:

(1) Compress the length of time required to say a given number of words (compression of speech as regards time), and (2) Compress the frequency of speech so that it may be transmitted over highly-selective circuits (compression of speech as regards frequency). Both of these problems are being attacked along much the same line: Transliterate the complex waveforms of speech into pulses at the sending end..then back into voice at the receiving end. You might read that as: Voice to CW and back to voice again. It'll be rough for phone men to sneer at dots and dashes then!

W5EHC.

.....

MEMBERSHIP CONTEST

Now is your chance to start signing up new members for your club. Now is your chance to get a prize for doing it. Everyone can win. No limit to the number of prize winners. If you sign up and see that the first years dues are paid on four (4) new members you will receive a free chicken dinner. Any member can attend but to get the club to pay for your dinner bring in those four new members. Time and Place will be announced. You have until July 1st to get them in. You can sign them up at the old dues rate - \$5.00 plus the \$1.00 initiation fee. Don't lose out on this Gala affair. Start now.

AND THAT IS NOT ALL.

To the member who signs up the greatest number of new members over seven (7) will go the grand prize of \$15.00 cash. We are printing a short form application blank for your four new members in this issue. For any additional members just write them on plain paper. The Secretary will complete the formal apps after you turn them in. Be sure to sign your name on the line marked "recommended by" so you will get the credit.



"This was supposed to be an educational tour, John, dear!"

OFFICIAL BULLETIN NR698

de ARRL April 19, 1959 - FCC has amended the amateur rules, effective May 20th, as proposed in Docket 12607 to extend remote control privileges to the 220 Mc band, to permit narrow band FM telegraphy in the 50 Mc band, and to permit 6F2 emission in the 50.35 to 50.75 Mc RACES segment. In another matter, Docket 12728, the League has filed its comment in support of the proposal to authorize Technician Class operation on the 144 Mc band.

NOISE IDENTIFICATION AND SUPPRESSION CHART

From RAMS News, Radio Amateur Mobile Soc. Mobile Tips

POPPING SOUND: Ignition. Noise varies in frequency with engine speed and will disappear when ignition is switched off. 1. Check: Distributor breaker points, ignition condenser; all ignition system connections; there is DC continuity in high voltage leads; sufficient high spark plug breakdown; plugs are properly spaced and in good condition. 2. Correct by: bonding each corner of motor block to chassis ground using heavy copper grounding braid; damp high voltage by installing resistor suppressor in distributor rotor lead, or suppressors in ignition cables or top of plugs; install resistor plugs on ignition cables.

HIGH PITCHED WHINE: Generator. Noise varies with engine speed and will persist if ignition is switched off while engine is running at moderate speed. 1. Install a .25-.5 mfd. coaxial capacitor at the

generator in series with armature lead. 2. A hand wound choke in series with generator field has been used with considerable success. 3. Install a Motorola Model P-346 Generator Filter in series with the armature, or its equivalent.

RASPY SOUND: Voltage Regulator. Look for arcing on voltage regulator contacts.

Suppress by: Install .25-.5 mfd. coaxial capacitors at the battery (BAT.) terminal in series with the battery lead and at the generator (ARM) terminal in series with the armature lead.

HISSING OR CRACKLING SOUND: Gauges. May be detected by jarring the individual gauges while ignition is on. Suppress by: Install .25-.5 mfd. by-pass capacitors where needed.

LOW-PITCH CLICKING SOUND: Oil Sender. Noise rate varies with oil pressure and stabi-

lizes at point of maximum oil pressure. Suppress by: Install .25-.5 mfd. by-pass capacitor from gauge lead terminal on oil Sender to chassis ground. IRREGULAR POPPING SOUND Wheel Static. Noise disappears when brakes are lightly applied. Check by: Install suitable grounding brushes or springs such as front wheel static eliminators.

IDENTIFIED AS A MORE REGULAR OR SHARPER POPPING SOUND: Tire Static. Noise becomes much worse at 30-50 m.p.h. Suppress Noise by: Use anti-static powder in tire tubes.



"I've changed my mind. Try using your fists and stop thinking."

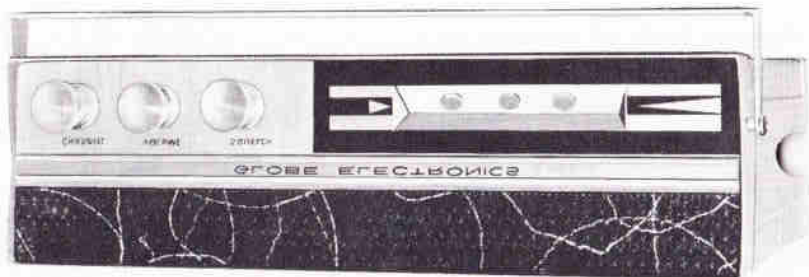
PINK TICKETS AND BREAKS

de the "VFO" paper of the Vermillion County Amateur Radio Association.

DID YOU KNOW-The use of the words "Break" and/or "Break, Break" in trying to enter a going QSO is illegal? W9NEG reports hearing a conversation on SSB between some W2's that one of them had received a Pink Slip from the FCC for doing just that. The Side-banders frequently enter a QSO by just saying "Hi Charlie" or with the single word, "Break". A lot of us do the same thing in trying to get in AM QSO's - yer editor included! The FCC states that the call letters of the station called and the call of the station calling MUST be given each time a station goes on the air. So - to avoid the possibility of being the recipient of a small memo from the FCC, form the habit of always calling a station and using your call each and every time that big switch puts you on the air!!



"Morgan, that machine you invented is so good we're using it to replace you."



The Globe CB-100 is a citizen's band transceiver in one attractive package and designed to operate either as a fixed station from 115 volts AC or as a mobile station from 12 volts DC. The unit is composed of three separate sub-assemblies, a transmitter, receiver and dual voltage power supply. Both receiver and transmitter are crystal controlled, using separate crystals for each section. The crystal or channel selector switch also operates visual indicators on the front panel indicating which channel is in use. Only three controls are used for simplicity of operation. They are channel selector, receiver volume, and squelch control. The latter subdues background noise when no signal is being received. The unit has a built-in speaker and also features a connector on the rear for an external speaker that may be located remotely or a larger speaker as may be desirable

for improved volume and intelligibility. The unit lends itself to installation by use of a swivel handle. This handle is convenient to carry the unit, to serve as a pedestal support when sitting the unit on a table, or it can act as a hanger for mobile installations. As supplied from the factory, the unit will contain a crystal set for Channel 11 and crystals may be added for any other two channels at a later date. A high quality ceramic microphone is supplied which has a push-to-talk switch for ease of operation. The 115 volt power cord is included and the 12 volt power cord is available as an accessory. The range of the set will vary with local factors; however, in level terrain and with a good outside antenna of the ground plane type, the average range will be 5 to 15 miles. In exceptional good locations and with the best of antenna, the range may

(Continued on page 15)

be as much as 30 miles. The transmitter is designed to function most efficiently when the antenna is exactly 52 ohms.

The physical specifications are: weight 9 pounds, size 3½ inches by 13 inches by 10½ inches. Electrical specifications: transmitter power input 5 watts AM modulated; receiver better than one micro-volt sensitivity. 10 tubes are used in all. List price \$129.95.

From the BISON, Indiana R.C. Council. From the "Short Wave Magazine" of England, we reprint one of the recent "Random Jottings by the Old Timer". (Via CQ News)

"Readers cannot fail to notice the word 'ham' appears extremely seldom in this publication. One of the reasons, no doubt, is that there is certainly a lack of dignity about the slang appellation, and its traditional meaning is completely lost on the uninitiated, who regard a 'ham' in radio as being rather like a 'ham' in the acting profession. I am very strongly of the opinion that we should make more use of the term, but only in very privileged cases. 'Ham spirit' used to be proverbial, embodying all that was best and friendliest in amateur radio. Much of the

traditional 'ham spirit' alas, has now been lost. As a start towards reviving it, I feel that only the very best amateurs should be honored by the term 'ham', which should imply that that a person so designated is one of the real 'good types'. Most of us only 'amateurs' in amateur radio, but a ham has progressed beyond this stage; he gives his help in every way he can, his behavior at all times is faultless, he never radiates a bad signal, and he never makes a nuisance of himself in any way. There are very few of him about--are YOU one?"

From the RARA RAG, Rochester
A. R. A. Ham Definitions

(Via CQ News)

Assigned Frequency: parking lot for an old "wheel".

The Expert: the first guy to receive the Flyer on a new receiver.

Roundtable: An opportunity to say nothing to everyone.

Net: An organized opportunity to say nothing to everyone.

Club: organized confusion.

QSL Promise: the YV who tells you he just smudged the card that he is sending to you.

Roger: a man's name.

Peanut Whistle: the horn that blows until midnight.

Danny: a banker.

Frustration: Two thunderbirds and only one KWM-1.

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

NEXT MEETING
AK-SAR-BEN 4-H BUILDING
AK-SAR-BEN FIELD
May 8, 1959
8:00 P. M. SHARP