



HAM HUM

Published by
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No. 6

June 1963

Pancake



Supper

Photos by Erv Heinz, WAOEEM

HAM HUM is the official organ of the Ak-Sar-Ben Radio Club, Inc., of Omaha, Nebraska, mailed monthly to all members and to others upon request.



LAST MEETING

You will find pictures taken at the Pancake Supper which was our last meeting. A good time was had by all who attended. Ed Donze, WØYEV, won the raffle which was a 1963 ARRL Handbook. We don't know who won the attendance drawing but whoever it was did not attend so the drawing for the June meeting will be \$3.00. We had several prizes for the ladies and they were won by Mrs. Lou Cutler, Sharon Heinz, Mary Snyder, Ruth Nuckols, Vi Margritz, Mary Berounsky and Mary Berounsky. The first Mary is XYL of KØQDB; the second Mary the Junior Op of KØQDB; or maybe it's the other way around.

FOR SALE:

Heathkit Twoer - new, including mike and xtal. \$45.00.

73 es thanks

Joe Lofreddo, K2PVB/8

Route 1, Box 394

Oscoda, Michigan

EC for Iosco county

Published by

AK-SAR-BEN RADIO CLUB, INC.

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NEXT MEETING

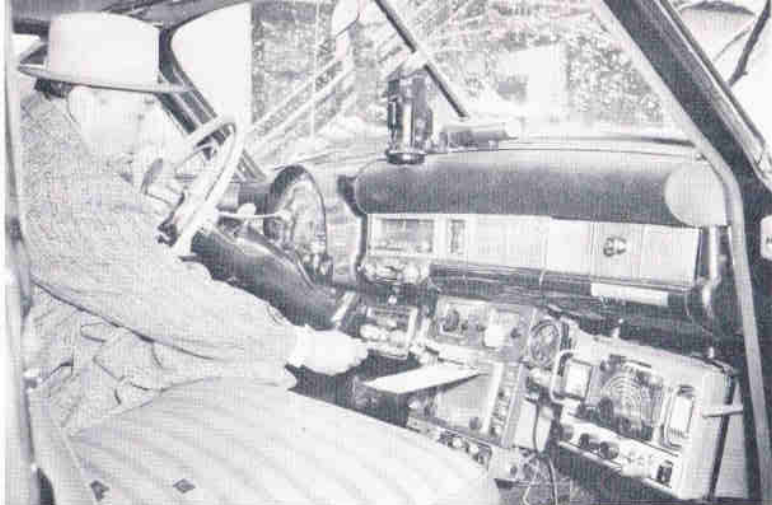
June 14th - 8:00 P.M.

The next meeting of the Ak-Sar-Ben Radio Club, Inc. will be held at the 4-H Building (air-conditioned), Ak-Sar-Ben Field. You will be on the program with your gear for the Builder's Contest. You will find the rules for the contest elsewhere in this issue. We also published them last month so as to give you a little advance notice. However, if you have not completed your piece of gear, finish it up now and bring it. If you haven't got the bugs all out of it, bring it anyway. The Club will furnish a prize for each class. The biggest prize, however, will be the exchange of information as to what the other fellow may have. You may get just the idea you need to make your shack complete.

FLASH

Dakota Division Convention
Sheraton-Cataract Hotel, Sioux Falls
S. Dak., Saturday and Sunday, Sept.
14 - 15. KØALU is chairman. More
publicity later. 73.

Tony, WØRRN



“Ham of the Month”

Lou Cutler - WØVLI

For many years now we have had the good fortune to have with us in the Omaha area and in the Ak-Sar-Ben Radio Club a Mr. Lou Cutler, WØVLI, sometimes referred to as the “Vicious Little Indian” of North Omaha.

As can be seen from the picture, Lou is very fond of mobile operation and he has 140,000 miles on the Chrysler and the now 10 year old mobile power plant is still going strong. All the mobile equipment is on the 6 volt system and all we can say is that when Lou gets a new car someday, he's really going to have a job converting all the gear to 12 volts.

Equipment in the car consists of Gonset Comm. for 6 and 2 meters and a Multi-Elmac for the low bands. Lou has worked 40 states from the mobile rigs as well as Alaska and Hawaii (now states), Cuba and Mexico City.

The home station is well equipped too and consists of Collins Receiver,

Ranger xmtr. and Tri-Bander beam as well as VHF yagis.

By profession, Lou is an architect and is in private practice at the present. The Cutlers have 2 sons, one in electronics in California with G.E., the other a jet pilot with United Air Lines

Lou has also been interested in aviation for many years and is a member of the Civil Air Patrol and is active in the C.A.P. communications network.

I guess it's no secret to most of us that Lou really believes in the amateur's contribution to the public interest for he has used his personal services and his equipment on many, many charitable drives and in the RACES programs. He is currently the Vice-President of the A.R.C. and has been a board member in recent years. Lou's home QTH is at 6227 Florence Blvd. in Omaha.

(Photo by Bob Miller, KØZYL)

EDITORIAL

By Dick L. Eilers, W0YZV

ARRL has sent us an advance copy of the June QST editorial pages. We recommend that you read it in detail. This article explains further some of the previous editorials starting in February 1963 QST and goes into "League Goals." The subject matter of all of these editorials is thought provoking and the League has received many comments from individual amateurs.

In taking the stand they have, it seems to us that the officers and directors of the League should be commended for taking the positive stand on a subject that most of us have been thinking about without arriving at any firm conclusion. In taking this stand they should be particularly commended as it would appear that they are taking a chance on losing some membership from those amateurs who might feel that their toes are being stepped on. The editorial says, "It would have been much easier to simply do nothing. We think that had individual members of the League been able to monitor the Board's deliberations, they would have been mighty proud of their elected representatives." I for one am proud, even though I was not there to monitor, to be a member of an organization whose leaders had enough intestinal fortitude to do the things they thought were right for amateurs as a group rather than being content to take our money and merely publish a magazine and a few books. This action is summarized in the next paragraph of the editorial which

states, "In what is undoubtedly its most important action, the Board indicated its determination to achieve improvement in the amateur license structure by tightening some examination procedures (which in the past have sometimes been abused), by revising the written examinations to fit modern techniques, and by re-establishment of an advanced grade of license--with no additional code test but with a written examination, substantially more difficult than that for the General Class, and eventually to carry certain additional operating privileges. The latter are as yet unstated; in this respect, therefore, the Board's action is a 'declaration of intent'."

Even though it will be printed in the June QST, we are reprinting herein The ARRL Program. Some of our members are not also members of ARRL and perhaps would not see it. If you are not a member we would like to invite you to join with us in pursuing these goals and our treasurer would gladly assist you in applying for membership. I have not seen any statistics as yet that would mean anything, but I can well imagine that most of us have not written to ARRL regarding our own thoughts on these most important matters. If you have come to any conclusions as to what should be done in this area for the benefit of amateur radio, why not write today either to Headquarters or to your Division Director. You will find their addresses in QST.

The ARRL Program

- for more efficient use of amateur frequencies
- for increased amateur technical proficiency
- for more effective performance in the public interest, convenience and necessity

1. A complete review and revision of the present written examinations for various classes of amateur license to conform more closely with modern techniques.

2. Reinstatement of an advanced grade of license, with appropriate frequency privileges, to provide an incentive for improved technical knowledge.

3. An expanded educational program in operating and technical fields through:

- a. QST and other League publications.
- b. Encouragement to affiliated clubs in planning worthwhile programs for regular meetings.
- c. Enlargement of the club Training Aids project administered by Hq.

4. A more effective Official Observer system.

5. Combining the Amateur Radio Emergency Corps and the National Traffic System to constitute an Amateur Radio Public Service Corps for maximum effectiveness in the public interest.

6. Limiting the term of Conditional Class licenses and making them non-renewable except in cases of genuine hardship (i.e., the handicapped).

7. An educational program in QST to better acquaint members with the League's history, accomplishments and goals.

8. Strict observance of the following operating principles:

- a. To make proper choice of bands below 30 Mc. appropriate to the distance to be covered.
- b. To achieve equipment flexibility so that an adequate choice of frequency bands and powers may be available.
- c. To use minimum bandwidth, consistent with good engineering practice and compatible with the mode of transmission being employed.
- d. To expand the use of v.h.f. for local contacts wherever possible, with the ultimate aim of conducting all short-distance communication in this portion of the spectrum.
- e. To use the minimum power necessary for each communication.

**OFFICIAL BULLETIN NR 897
FROM ARRL HEADQUARTERS
WEST HARTFORD CONN MAY 9
1963 TO ALL RADIOAMATEURS BT**

The Federal Communications Commission has ordered that fees for handling license applications in all radio services will become effective January 1, 1964. For amateurs, initial and renewal applications will require a four dollar fee, modifications such as change of address two dollars, special call signs twenty dollars. Novice and RACES applications are exempt from fees. Details in July QST \overline{AR}

VHF HAPPENINGS

Mack McGovern, KØMSS recently returned from a vacation in the South. He reports that there is considerable 6 meter RTTY activity in the Houston, Tex. area and there are about 15 stations there using this mode.

Mack also suggests that the amateur station's phone number be included on all QSL cards sent to others. This would have been very helpful when working mobile. I can heartily concur with this because I too, have had troubles in trying to locate hams whom I've worked in different cities. Sometimes it helps a lot when a local radio club has a telephone listing and in some places such as K.C., Mo. the amateur radio stations even have a call letter listing in the phone book. Last time I was in K.C. there were several stations listed in this category and it was through the help of one of these fellows that I was able to talk with George, KØDGU in Raytown, Mo., a fellow 2 meter man.

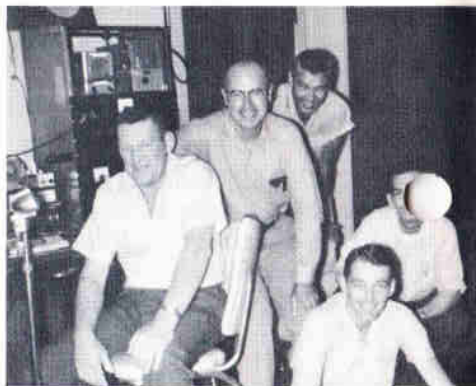
New station on 2 meters - Chuck, WØETQ in Bellevue. He's with RCA at Offutt AFB and is in the MARS also.

John, WØWRT

HOUSTON

L to R:

KØMSS M/5
KSLEP - Jim
K5AKY - Moon
W5ID Uncle Jim
K5DFT - Dottie



CORPUS CHRISTI

L to R: K5UDU - Jerry; W5TXG - Leroy;
W5DPK - Paul; Butch; KØMSS M/5



WACO

L to R: W5RDL - Bill; K5AHZ - Maxine;
KØMSS M/5



Omaha - May 26, 1963

Dear Dick:

Here is a listing of all known operators who helped make the Crippled Childrens Drive a success: Dick, KØMSS; Howard, WØFFG; WØDGB; Bill, WAØEBX; Dick, WØYZV; Bob, WØAEX; Jim, WØYCP; Louise, WØCCD; George, WØAEM, Roy, KØIPV; Fred, WØEGP, John, WØWRT; KØEBE; and Mr. Pat Dodge (waiting for call) Windy, WØNPA; Harry, WAØDJK; Chuck, KØTVD. If there are any others we've missed, be assured that it is simply an oversight..it is always difficult to get the names and calls of all those who are participating in these drives. Remember, if you wish to make yourself available for any future drives, please get in touch with Wendy Larsen at 393-5728. Wendy is Club mobile activities chairman.

de John, WØWRT

Dear Editor:

Listening, occasionally, to the Omaha 6 meter group makes a person wonder why they all congregate in the lower 500 kc. segment of the band for their local rag chews.

The phone portion is actually 3.9 mc. wide.

It would be a good gesture if local rag-chews could be confined to 52.0 mc and above, leaving DX work for below 52.0 mc. Amateur Radio may lose the top 2.0 mc of the 6 meter band just like we lost the 11 meter band due to non-usage of the frequencies.

Ed, WØCQX

ATTENTION FIELD DAY PARTICIPANTS

To: Members of Ak-Sar-Ben Radio Club.

The Sioux City Amateur Radio Assn. again challenges the Ak-Sar-Ben Radio Club in the Field Day contest for this year.

Rules will be the same as last year. The club with the highest score wins and has the trophy till the next year's contest.

Of course we plan on keeping the trophy here in Sioux City. So don't feel too bad in losing again. We can exchange scores via the 6 meter MARS net the Sunday Field Day is over.

73's

Paul J. Babinatte, KØMMS
SCARA President

FOR SALE:

Complete S. S. B. station - Best offer over \$800.00. Most items less than 3 months old.

HQ 180 & speaker
HT 37
HM rotator
10c mike, stand & cable
Phone patch
Hand key & bug
W. R. L. vertical
Low pass filter
Dow key relay
100' coax 52 ohm
100' rotator cable
Standing wave bridge

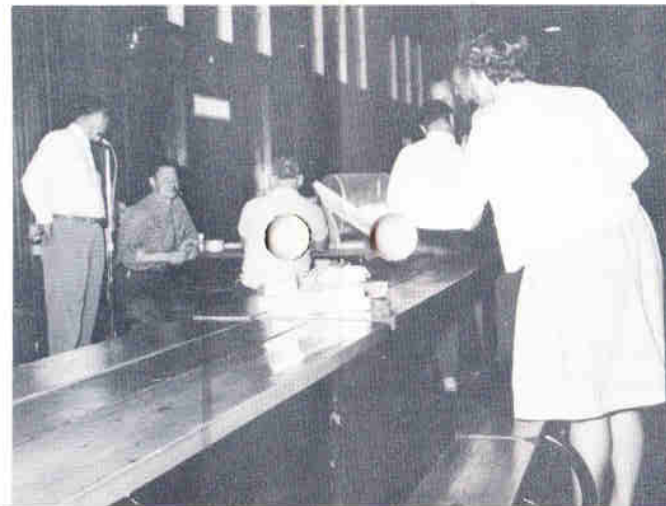
Former station of WØVXD. Phone:
731-6057 or 346-8393.



Photos from Pancake Supper

May 10, 1963 at

Riverview Park Pavilion



PRESS AND WEATHER SCHEDULES For Code Practice

Anyone desiring to increase his code speed needs practice over the air. There are a number of commercial press and weather stations that are on the air daily that fulfill this requirement nicely. Due to the wide variance in time it is possible to practice receiving at times other than when W1AW and K6USN are on the air.

In order to derive maximum benefit from these practice sessions they should be spaced daily. This means that copy should be made EVERY DAY. This is important to make the job of increasing one's code speed as easy as possible. It is constant and frequent repetition that will do the trick.

TIME-GMT	STATION		FREQUENCIES-MC	REMARKS
0000	JMC	WX	4.298, 6.397, 12.840	Also at 0320, 0600, 0920, 1200, 1520, 1800, and 2120
0000	WNU	PX	4.695, 6.495, 8.570, 12.827, 17.178	New PX sent at 1518
0035	NSS	WX	4.390, 5.870, 9.425, 12.804, 17.050, 22.491	New WX at 0535, 0600, 1235 and 1800
0105	ZEN6	PX	17.905	Associated Press
0130	DSP-34	PX	18.565	Associated Press
0200	KCBR	PX	15.095	New PX at 1400
0300	WSC	PX	4.331, 6.340, 8.430	Repeat at 0418
0318	WMM	PX	11.037, 15.607	Monday only
0400	JAO-3	PX	15.945	Repeated at 0500, 0945 and 2200
0418	WSL	PX	4.343, 6.414, 8.514, 12.997	
0420	NPG	WX	6.429, 9.278, 12.966, 17.055	Repeated at 1620, 2130 and 0940

0430	NPM	WX	4.525, 9.050, 17.122, 22.593	Repeated at 0940, 1630 and 2140
0450	WHD	PX	6.512, 8.052, 13.020, 16.968	Reated at 1900
0518	KTK	PX	6.516, 8.714, 13.114, 17.184	Monday only
0810	KPH	PX	4.247, 6.488, 8.618, 17.016, 22.557	

de Sixth US Army Mars Bulletin

POWER-OF- EXAMPLE KEY INGREDIENT IN IMPROVING OPERATING

A letter from Gainesville, Fla. (J. C. Collins) reports 600 hrs. spent (30& c.w., 70% voice) looking over ham hands, checking bad signals. Some from NEW oprs; as many from 10-or-more-year licensees! Mr. Collins makes the point that new men COPY or MIMIC what they hear, bad and good, on the bands. Any operators with more experience become the *teachers*. The skill, care, courtesy, and EXAMPLE SETTING of every operator is thus important. We've analyzed his figures (1730 cases) relating to IMPROPER SIGNAL EFFECTS or FCC RULES BROKEN. Readers can check 15-20-40-75 bands and see if they also find this order of defects:

1. Improper Station Identification... 16.9%
2. S.s.b. Flat Topping (Gain Too High) ...14.1%
3. Over-mod. on AM Signals...12.4%
4. AM with Frequency Modulation... 10.9%

5. Chirpy C.W. Signals...10.1%
6. Distorted Audio...8.7%
7. Off-Freq. Phone or s.s.b. effects beyond sub-band limits...7.8%
8. C.W. Harmonics...6.4%
9. Key Clicks...5.9%
10. C.W. Out of Band Operation...2.4%

"Some on s.s.b. were heard nightly out of bounds; signals extending beyond sub-band limits. A number felt they could operate at 3999 or 7299 on lower sideband and *not* extend beyond the band edge! Operators should bear in mind that 'suppressed' not eliminated is correct terminology! A signal 35 db over S9 at 3999 on lower sideband, even assuming 65 db suppression (more than claimed by any manufacturer) still would provide a sideband S4 (!) extending beyond the sub-band limits." About 1,000 other observations were included in this report. Such things were heard on the band as suggestive jokes, near profanity, "apparently deliberate" interference, negligence in zero

(Continued from Page 11)

beating round tables or nets, remarks in poor taste concerning FCC, the League or other matters. These things tend to create a negative or unfavorable image of the Amateur Service, to the public as well as officialdom.

de--ARRL

OBSERVATIONS FROM A W3 IN F-LAND--de ARRL

Hovey Cowles, W3JWZ writes from Paris. *Only* hams in the services can get operating privileges he says. For the French ham who gets an amateur license: The inspector presents himself at the prospect's QTH bringing his lunch! He stays to well in the evening. He conducts a very comprehensive exam (oral) like our General Class exam, 10 w.p.m. code test. It's a *practical* exam. The prospect must demonstrate to the satisfaction of the inspector on equipment he has in most cases built *himself*. He must show he understands how to tune up a rig, regulate its use and service it for malfunctions, detecting parasites or harmonics. W3JWZ believes such a test in USA would diminish lots of the sloppy operating and lack of knowledge. The French ham must be age 16; he is limited to 50 watts input, 80 thru 15; 100 watts for 10, v.h.f. and u.h.f. 435 Mc. is popular. There are no 50 Mc. and 220 bands. W3JWZ is an OES and CP-30 man studying at the Univ. of Paris for his Master's degree.

BUILDERS CONTEST RULES - JUDGING, JUNE 14TH MEETING

1. All contestants must be paid members of the Ak-Sar-Ben Radio Club, Inc.
2. Entries must be completely built by the contestant.
3. No kit projects.
4. A schematic is required with each piece of gear.
5. A demonstration is desirable - a statement of its ability to perform its intended function is required.
6. Gear must be tagged with name of contestant, classification and identity or purpose of gear.
7. Entry must not have been entered in a previous contest at Ak-Sar-Ben Radio Club, Inc.

Classification

1. Test Gear.
2. Receiving gear.
3. Transmitting gear.
4. Gimmick gear (including attachments to kit or commercial gear which attachment would have a separate or additional function from original piece of gear).

Items will be judged with consideration given to:

1. Originality of circuit or idea.
2. Construction methods and neatness appropriate to gear.

Achtung! Alles Kloakenspeppers

Das Elektronikermaschinen is nicht für gefingerpoken und mittengraben. Ist easy schnappen der springenwerk, blowenfusen und poppercorken mit spitzensparken. Is nicht für geworken bei der dummkopfen. Das rubbernecken sightseeren keepen hands in das pocketen. Bitte relaxen und wachen alles der blinkenlichten.



Here is a cure little thing which was printed in the newsletter of the Argonaut Associates of Beaverton, Oregon. (manufacturers of special electronic equipment) I've cut it out of their bulletin and had it stuck on my txr, whereupon it has aroused some comment. I wonder if we could reproduce it on a single page of Ham Hum by photo process? What do you think? That would make it possible for the members to cut same out and place on their prized piece of equipment for all to behold! John S.

Dear Sirs,

Just a note to inform you that we still enjoy every issue of your HAM HUM. Keep up the good work. Also we would like to draw to your attention that we are editor of the new supplement to 73 Magazine, ATV EXPERIMENTER. This is a bi-monthly supplement averaging about 16 pages each issue. It is devoted to amateur television. (It's 1 year old this June.) If you have room in your HAM HUM, a mention for our Nebraska Hams would be appreciated.

Melvin H. Shadbolt, WØKYO
ATV Experimenter
Dakota City, Nebraska

***Editor's Note:** While the "Alfa, Bravo, etc." alphabet is the official phonetic alphabet of the military, it did not originate there. It is the ICAO (International Civil Aviation Organization) alphabet that has been used. Many amateurs do not like this alphabet with all the "funny" words, but they do not realize that this alphabet is used by many, many, nations, and that any word appearing there must appear in EACH of the languages of the nations involved (wonder why W is Whiskey?). So when you learn the phonetic alphabet for MARS you are learning an alphabet which is standard in at least 24 countries in addition.

P. S. A temperance organization asked that W be "Whisker" rather than Whiskey, a fellow from Boston would pronounce it the same!

de Auto Call

THANKS FROM KC4USH

Don Warren, USN, KC4USH writes from "The Garden Spot of The Ice," Cape Hallett, Antarctica. He lists *all* the KC4s. "On behalf of all KC4 operators and the many they represent MANY THANKS...Our appreciation for your words in the January Bulletin for our cause...We have now had about *fifteen hundred* contacts in less than four months of operation. KC4USH is on 14,302 kc. daily from 0300Z 'til the band closes. Most of the KC4s keep those same hours, so look for us KC4s."

BUILDING FUND

Contributions have just passed \$100,000. More important than each amount, we think is that *every* amateur and licensee have *some* part in this project. The Mt. Airy VHF Radio Club built a scale model, and on own initiative sold "bricks in the project." K3HWZ, chairman writes, "We're adding a model shack, glad to participate in our small way.*" (* The enclosure was for \$500!)

--de ARRL

Hi Fellows—

Thanks plenty for all the great issues of Ham Hum (there ain't no other kind.)

I am moving to Kansas City, Mo., so pull me off the mailing list until I write you again.

73,

David W. Richardson, KØWOP
4344 Bryant
Denver, Colo.

Excerpt from a talk by Mr. Leonard Kolsky, representing the FCC at the ARRL National Convention

“. . . One further word on the A1 vs. A3 subject may be in order.

While the amount of frequency spectrum space available for amateur operation has remained relatively constant, there is no assurance that this situation will continue indefinitely. The competition for frequencies in every spectrum has become more intense with each passing year. In the various land mobile services, we have been splitting channels over the past five years in an effort to accommodate more users. Certain of these users, such as the Public Safety group, which in the past have enjoyed a priority position in the allocation of frequencies, are now finding that they can no longer merely say "We are engaged in public safety and we need frequencies. Take care of us." They are now facing serious competition for every frequency and are being required to justify their needs with hard cold facts. If this service is faced with such challenge, it should be obvious that the amateur service is not immune. Of course, it is recognized that in the past amateurs have contributed significantly to the art of radio communication. Recently such undertakings as Project Oscar have demonstrated anew that amateurs are making important contributions. However the demands from all quarters for frequencies have put the commission in the position of having to ask not only, What have you done for Public Interest lately? but also: What guarantee do we have that in

the future the public interest will be served by your continued operation? It is not my intention to sound the voice of doom but rather to give a note of warning: if it appears to many of us at the Commission that too much amateur time and energy are being dissipated in quarreling among yourselves over the merits of CW vs voice, or whether a W prefix is preferable to a K instead of concentrating on demonstrating to the commission that you are utilizing your assigned frequencies in an efficient intelligent manner and that it is in the public interest to have frequencies available for ham operation"

de Splatter
Billings, Montana

**OFFICIAL BULLETIN NR 898
FROM ARRL HEADQUARTERS
WEST HARTFORD CONN MAY 16
1963 TO ALL RADIO AMATEURS BT**

Attention DXers. Announcement is hereby made of one addition and five deletions to the ARRL Countries List. The deletions, effective as of May 1, 1963, are JZØ Netherlands New Guinea, PK1 2 3 Java, PK4 Sumatra, PK5 Netherlands Borneo and PK6 Celebes and Molucca Islands. The addition to the ARRL Countries List is PK Indonesia. This listing will encompass the entire territory of Indonesia. Confirmations for creditable contacts with Indonesian stations made May 1, 1963 or later may be submitted for DXCC credit starting September 1, 1963. Attention is called to the fact that at the present time, Indonesia is on the ITU banned list AR
