CROSSTALK

CROSSTALK

OBSIALA

MARCH ISSUE 1969

CROSSTALK

CROSSTALK

Next meeting will be held Wednesday, March 5, 1969, at 8:00 P.M. on the sky terrace of the Pitman Borough Hall. Your presence is requested and visitors are always welcome.

## CROSSTALK STAFF

Editor Wally Martin, W2PLD

PRINTER Bill Frambes, WB2FJE

Tech. Bob Spain, WB2RVE

Circulation Bill Shaw, WB2PVI

Skuttlebutt Doug Gehring, WA2NPD

Interviews Harry McCormick

WA2SEA,

RACES Van Turner, W2KE

Advisory Committee George Stuart, K2SOL

In this issue

Amateur Television by Bob Spain WB2RVE

How to obtain a certificate by Della Parker W2AFZ

Disposition List of Former Members of G.C.A.R.C.

DON'T FORGET TO BRING THOSE QSL'S FOR THE CONTEST AT THIS MEETING. RULES CALL FOR FIVE OF THE PRETTIEST QSL'S, AND FIVE OF THE RAREST DX QSL'S. (CARDS DO NOT HAVE TO BE OF CURRENT VINTAGE AS LONG AS THEY ARE YOUR QSL'S) WHICH MUST BE MOUNTED UPON A PIECE OF SUITABLE CARD-BOARD. PICTURES OF MEMBERS' RIGS WITH THEMSELVES BEING IN THE PICTURE WILL ALSO BE JUDGED AT THE SAME TIME. MAKE SURE YOU CONTACT BILL SHAW WHO WILL COME AROUND TO YOUR HOUSE AND TAKE YOUR PICTURE IN CASE YOU DO NOT HAVE ONE AVAILABLE. SUITABLE PRIZES WILL BE AWARDED IN THIS CONTEST. WE THINK THAT THIS IS A NOVEL IDEA FOR ENTERTAINMENT, SO PLEASE LEND IT YOUR SUPPORT AND GET YOUR ENTRY IN EVEN IF YOU DON'T THINK YOU HAVE A CHANCE AS THE JUDGING WILL BE DONE MOST FAIRLY.

# THE PRESIDENT'S SMOKE SIGNALS

The Constitution committee has been diligently working on the evision of the Constitution and its by-laws over the past few weeks and it looks like the members will have a vote coming up very soon on their approval of such. For those who want to know who the committee members are, they are as follows: WA2VEE, WA2NPD, W2AFZ, W2SUA, and W2KE.

The previous committee who had spent many long hours trying to make up a real good revision probably are wondering what had happened to their efforts. Too many past presidents have either forgotten about it or didn't know there was such a committee formed previously.

The G.C.A.R.C. AREC Net has been growing a little each week. I do not want to see this net diminish because after their session closes out, then everyone has a good QSO. It just happens that most of the members of the AREC net are also members of the Gloucester County Amateur Radio Club. So there is your chance to get 15 members for the club certificate which certainly looks good in anyone's shack. I've been working for 30 members, (already have a certificate for 15), and need just one more for that magic number.

All members who wish to get a certificate, just tune in on 28.600 MHZ and it shouldn't be long before you obtain 15 members.

We have a few brave members who volunteered for Field Day activities. They are: 10 Meters, WB2RVE; 40 Meters, WB2EUU, WB2WAK; and 75 Meters, WB2FJE. I am wondering why only WB calls are volunteering for this good time in June. 20 and 6 Meters are still open and also a head chairman for all the bands. Everyone had a real good time last year and it would seem that the same would be true this year if the site for Field Day is the same. Where else can you work Field Day and have a solid roof over your heads and a place to sleep and eat? There is always plenty of food and 807's around for those who join in on the fun. So let's get the ball rolling and have G.C.A.R.C. in the top ten for their section, or better yet in the nation.

73's

WA2VEE

### JOB OR CALLING...

Sir William Osler, famous Canadian physicist, used to remind his students that the practice of medicine is far more than a trade, an art, a business-that it is a calling demanding head and heart.

How do I feel about my day-to-day work? Do I regard it as a meaningless drudgery? a way to make money? or as a sacred trust, a shining opportunity to work in partnership with God. Note: - If only all of us would apply this thought daily, how much easier it would be for us to accomplish the many chores demanded of us in our daily travels, this also applies to our club work.

The following hams already have their license plates on their cars WB2FJE, WA2VEE, W2KE, WB2RVE perhaps by the time you read this there will be many more, and you who have not done so and want to have your call on your license plates contact the above fellows about procedure necessary.

G.C.A.R.C. welcomes the following fellows into the membership John Stull WB2JZX, Ronald Blakeslee WN2EOB, Howard and Richard Carter no call as yet but are a father and son combination.

CLUB DIRECTORIES ARE NOW AVAILABLE....GET YOURS BEFORE THE SUPPLY BECOMES DEPLETED....

The club thanks goes to Paul Walton for a job well done with the directories. You too will receive the thanks of the club members whenever you complete your project. Now that we have things rolling again let's keep things going.

K2KIT who hails from Blackwood, N. J., was a visitor to our last meeting... Welcome and do come again, ya all hear....

RACES.....APRIL 11th, 1969....There will be a State and Federal Civil Defense drill. There should be 30 stations activated. See Van Turner W2KE, for the details. Some of the new hams have no idea what these RACES consist of so here is your chance to become acquainted.

Once again we ask you to send QSL's or get well cards to Walter D. Thomson WA2TSG, c/o Veterans Hospital, University & Woodland Aves., Philadelphia, Pa. NOTE: We can't stress how much this deed means to one confined in a hospital; we know for we were in a hospital ourself. This happens to be the best moral builder there is......

BE A BOOSTER FOR G.C.A.R.C., DON'T BE A KNOCKER....WE NEED LOTS MORE OF NEW MEMBERS AND WORKERS...REMEMBER NEW LICENSES ARE BEING ISSUED DAILY... SO TALK...TALK...BOTH ON THE AIR AND IN YOUR DAILY CONTACTS...IF YOU ARE SOLD ON THE CLUB THEN IT IS YOUR DUTY TO SELL IT TO OTHERS. A SATISFIED MEMBER MEANS A LOT...

# AMATEUR TELEVISION--by Bob Spain WB2RVE

Amateur television is probably one of the most neglected and misunderstood phases of amateur activity. Amateur TV presently has taken on two forms, one known as slow scan, or narrow band television, and the other as wide band, or normal scan television.

Slow scan television is authorized by special application to the This mode of operation is permitted by the FCC on all amateur frequencies, but is used primarily on the 20 meter phone band. This is a relatively new mode of communication, similar to facsimile, and compatible with most standard AM and SSB communication transceivers. Slow scan television, by virtue of its nature, is incapable of transmitting images that are in motion. Using existing standards for slow-scan transmission, it takes approximately 5 seconds to transmit a complete slow-scan image. Slow-scan transmission is defined by the FCC as any transmission of video information on an AM carrier, provided the total bandwidth of the transmitted signal is no greater than a properly modulated AM voice transmission. This may have been what you were receiving when you heard that funny buzzing SSB signal at the high end of 20 meters last week. recently a slow-scan TV net on 20 meter SSB has come into being. range covered via slow-scan TV on 20 meters is the same as that of SSB phone.

Wide band, or normal scan, television is probably the most familiar form of TV used today. Most of us watch the commercial (or educational) form of this mode every day. Amateurs also transmit wide-band television signals. The standards used by amateurs for wide-band television transmission are exactly the same as those used by commercial broadcasting. A standard television channel is 6 megacycles wide, composed of two carriers, one frequency modulated, carrying to audio portion of the transmission, and one amplitude modulated, carrying the visual portion of the transmission. FCC regulations prohibit the use of wide-band television on amateur frequencies below 420 mc., so most ATV activity centers around 442 mc.

By padding down the oscillator of a UHF television converter, it is possible to receive amateur TV transmissions on the 442 mc. band. Since the commercial UHF television band extends from 470 to 890 mc., it is a very simple matter to convert a UHF TV converter to amateur use, while retaining the ability to cover the commercial UHF TV band up to channel 60. Most amateurs operating ATV on 442 mc. receive each other's transmissions in this manner. Since amateur TV standards are the same as those of commercial broadcasters, no modifications to the television receiver itself need to be made.

Many of the transmitters used for ATV are transmitter strips out of 450 mc. business band transceivers. These transmitters were already wideband, so the only modification was devising a scheme of amplitude modulating the power amplifier stage. This can be done by simply increasing the bias on the grid of the power amplifier, and applying modulation to the grid, along with the RV excitation and the bias.

Television cameras are no longer an item of luxury, only to be enjoyed by the rich. A complete black-and-white (monochrome) camera can be built for about 50 dollars. This camera uses a vidicon pick-up tube, and was illustrated in ATV experimenter a few years ago. The camera, when fully assembled, weighs about 10 pounds, and uses standard radio tubes.

In the Philadelphia area there are about 15 active stations on ATV. Most of us operate on 442 mc., or thereabouts. Out of the 15 active stations, 6 have facilities to transmit color, while most of us can receive color (commercial color TV's). The average power used by the ATV stations in the Delaware Valley is in the neighborhood of 50 watts. Even with this low power, distances up to 60 miles have been covered. Amateur television presents a true challenge for the dedicated amateur, and gives him a new way to communicate—not just with his voice, but with both sound and sight. Running only 5 watts output, I have been able to communicate with other stations up to 30 miles away. Listed below are some of the stations that are presently operating on 442 mc. ATV.

Call	Power Output	Location	Other Notes
K3ADS	25 watts	Bryn Mawr, Pa.	Live color origina- tion
W3AEH	20 "	N.E. Philadelphia	Color origination
K3DSM	15 "	Devon, Pa.	
W3EFG	10 "	Exton, Pa.	
WA3FRW	10 "	Overbrook, Pa.	Color origination
K31HA	500 watts	N.E. Philadelphia	Color videotape facilities

Call	Power Output	Location	Other Notes
W2JAV	30 watts	Pitman, N. J.	Color origination
К3ЈРВ	20 "	Newtown Square, Pa.	
K3KFL	5 watts	Newtown Square, Pa.	Holder of area DX record
W3NWJ	10 watts	Norristown, Pa.	Color origination
WB2RVE	5 watts	Blackwood, N. J.	
K3ZKO	200 watts	N.E. Philadelphia	

## HOW TO OBTAIN A CERTIFICATE

How many of you have been awarded our G.C.A.R.C. Certificate of Achievement? How many of you know about this award? To date we have issued a total of 24 to our Club members, and 45 to nonmembers. It really isn't too difficult to obtain, and it does make a colorful spot on the wall of your ham shack. Socooo, here's how you go about it.

Club members submit a list of 15 contacts made with other Club members, showing their call letters, names, date and time of contact, band and fone or c.w. The ham contacted must be a Club member at time of contact. If your list is 0.K., you will receive an engraved certificate  $(8-1/2 \times 11)$ .

If you are ambitious and work 15 additional members, you will receive a blue seal and ribbon to affix to your certificate. The same rules apply as for the first 15.

If you want to obtain the "ultimate", contact 20 more members, and you will receive a gold seal and ribbon for your certificate.

Nonmembers have to submit a list of 10 contacts with Club members for their certificate. Then, for 10 more, or a total of 20, they receive a red seal and ribbon. For 10 more, or a total of 30, they are given a blue seal and ribbon; and for the "ultimate", 20 more members must be contacted for the gold seal and ribbon.

How about it? The certificate should be easy, especially if you are participating in any of the nets with other G.C.A.R.C. members.

Ed. Note: How about this? Let's put Della to work getting out these certificates....

Della M. Parker, Awards Chairman, G.C.A.R.C.

\*\*\*\*\*\*\*\*\*\*

## OFFICIAL BULLETIN #206

Despite recent rumors and on the air statements by individual amateurs, Thailand ban has not been lifted. For United States stations, the ban Is still in effect with HS XU XV and 3W8 stations. For Canadians, the above list applies, plus JY and XW8. Keep this in mind during the February and March ARRL International DX Competition....

### OFFICIAL BULLETIN #207

All amateurs who participated in the ARRL Simulated Emergency Tests on January 25 and 26 are urged to make sure that their part was included in reports submitted by their Emergency Coordinator or net manager. ECs and Net Managers are remined that the deadline for reports and photos is March 15....

FOR SALE....A COMPLETE STATION SOLD AS A LOT ONLY......

DRAKE TR-3 TRANSCEIVER, DRAKE RC-3 POWER SUPPLY, DRAKE RV-3 REMOTE VFO, LAFAYETTE HA-650 6 METER TRANSCEIVER, GONSET G-50 6 METER COMMUNICATOR, HALLICRAFTER HA-I T O. KEYER, VIBROPLEX PADDLE, CDR ROTOR AR-22, CDR ROTOR TR-44, EASY WAY TOWER 40' (DOWN & OVER), MOSLEY TA-33 TRI BAND BEAM, CUSH CRAFT 5 ELEMENT BEAN FOR 6 METERS, JOHNSON VIKING PHONE PATCH, 2-SWR BRIDGES-ANTENNA SWITCHES AND MANY OTHER MISC. ITEMS. PRICE FOR THE LOT ONLY \$1000.00.

All equipment in good working order and may be seen in operation at Fred L. Cowgill WB2GEK,

NOTE NOTE NOTE NOTE

Plans are already under way for Field Day. Bob Spain has taken up the reins as Field Trail Chairman and already the following commitments have been made as chairman for the following bands, 10 meters Bob Spain WB2RVE, 75 meters Bill Frambes WB2FJE, 40 meters Ken Newman WB2EUU and Paul Callaghan WB2WAK.

Now we need chairmen for 20 and 6 and 2 meters. The whole success of this project is participation by club members. If you are available contact the chairman on the bands that you are interested in and help out with the erection of antennas, the setting up of equipment and the many other chores that go along with this type of project. WE NEED HELP AND PLENTY OF IT, WON'T YOU DO YOUR PART?

My thanks to Bob Spain for his assistance in the disposition of former members of our club. A list will be published on another page of Crosstalk. You will note that some former members are still available... Let's get after them and get them back into the fold.

Re: Disposition of Former Club Members, as posted in February Crosstalk

WA3KWM-Pete Blew-District Field Engineer, Atlantic City Electric Co., Glassboro.

WA2WWF-Bob Danley-Pennsylvania Reading Railroad, occasionally gets on 40 RTTY. WB2LZW-Rick Dux-graduate student at Drexel, unable to attend club meetings due to lack of interest and a schedule conflict, NAVY MARS.

WB2GUN-Joe Moffa-just recently got married, works for Boeing-Vertol, moved out of area.

WA2WKC-Ed Samara-college student, out of area, inactive amateur, no rig. WB2KEZ-Al Miller-inactive ham, partially active citizen's band, still lives in Blackwood.

WB2GWJ-George Drechen-inactive ham, since his wedding 4 years ago, presently living in Woodbury Heights area.

WA2GHV-Frank Henuset-inactive amateur, in boat sales, lives on Black Horse Pike, Turnersville, formerly of Grenloch.

WA2NOT-Joe Boldezer-inactive amateur, lives in Whitman Square.

W2SNZ-divorced his wife and was last seen in Florida.

K2YQC-Father Joe-parrish transferred, moved from Blackwood.

WA2QMA-Dick-Whitman Square-inactive amateur.

W2AJL-Bells Lake-inactive amateur.

WA2DCG-Wedgwood-inactive amateur.

WA2RBS-Bells Lake-inactive amateur.

K2RRX-Harry-Turnersville-inactive amateur.

WB20DD-Jim Stott-Blackwood-schedule conflict.

WB2MCM-Mike-Turnersville (Black Horse Pike) inactive amateur.

K2DGC-Karl Balmer-Blackwood-inactive.

W2SOM-Ed Carel-Blackwood-lost cause.

K2DMY-Grant Newton-Grenloch-paralysis.

W2NSJ-Ed Miller-Blackwood-other interests.

K2SWZ-Bernie Swedloff-Blackwood, Camden County CD Coordinator (communications), MARS.

W2EMC-Mal Specter-Sicklerville, ARMY MARS

WA2ZMS-Ed Egolf-Lambs Terrace, inactive amateur.

WA2WKB-Woodbury Vince Gambale, works for RCA Camden.

WA2TOW-Dave Roberts-student at Drexel, working co-op out of area.

WAZEPB-Bob Sherker-Almonesson, inactive, active with Boy Scouts (supervisor) WBZOJU-Ralph-Pitman-inactive.

#### **AREC**

# K2SOL - EC Gloucester County

Gloucester County has just had a disaster. What are you going to do to help? Well; the first thing you are going to do is quick turn the rig on and get it warmed-up. What's this?? No power. Well, let's suppose that you didn't bose your power and the rig is warming up. Now you are beginning to look around the bands for a net that is in operation to aid in the emergency. Ah, here's one in full swing! Boy! They are handling traffic. Now to left them know that I'm here. Break - Break - Break, is K2DOPE (had to put the extra letter in the call) What can I do help you guys?? Break. Well, boy, by now you are in trouble just committed the cardinal sin of any traffic net, particularly an Emergency Traffic Net. If the Net Control Station is polite he will probably ask you to stand by on frequency and proceed to completely ignore you, for by your manner you have indicated to him that you are completely inexperienced and probably have never handled any traffter This type of station in an really honest desire to help out can do more to impede the orderly flow of traffic and cause great confusion.

As you continue to read this and I hope that you will, ask yourself in all sincerity, am I this type of person that the article is referring to? If you are then here's what to do about it. Get an application from me and fill it out. Send it back to me. Then prepare to join us on either the six meter net, Friday evenings at 2000 hrs. local time on 50.9 mcs. or the ten meter net on Friday evenings at 2100 hrs. local time on 28.6 mcs. SSB or AM. You won't be a stranger and this is where you will get your training in handling traffic and learn proper net procedure. Then

if the need lases to offer your services, you will truly be able to offer valuable as a cance and be of service to your community.

In registerial your station facilities and your availability as an operator with the Amateur Radio Emergency Corps you are not obligating yourself financially on legally. Your registration is simply an indication that your amateur radio facilities and skill are presently available to your community and your country if needed and that to this end you are willing to participate in organizational preparedness as part of a local and national amateur group.

The ARRL Emergency Corps, as it was first called, was formed by an announcement in September 1935 QST. At first simply a matter of volunteers signing up en masse in the Corps without provision for local direction, the AEC quickly attracted considerable favorable attention among amateurs. After its first big test in the 1936 floods, membership boomed until it was no longer possible to publish the membership in QST. In 1937, as a result of the obvious need for local leadership and group preparedness plans felt in several communications emergencies, the new ARRL appointment of Emergency Coordinator was created. In 1945, with the post-war reactivation of the ARRL Emergency Corps, a new section-level appointment, that of Section Emergency Coordinator, was created. In 1950 the name was changed to the Amateur Radio Emergency Corps as a better indication of the coverage and intent of the organization.

The AREC represents the combined efforts of many hundreds of amateur groups, each under its own Emergency Coordinator. Although it is sponsored by ARRL, League membership is not required for registration. All amateurs, regardless of their personal affiliations, are urged to support this organized effort to form an Emergency Corps of and by amateurs as amateurs for the purpose of getting prepared and keeping prepared to provide emergency communication for the public and the nation when, as and if needed, in both peace and war.

Registration in the AREC does not require possession of equipment designed especially for emergency use -- nor does possession of such equipment determine who her your membership shall be <u>full</u> or <u>limited</u>. A "full" member is ar lateur who takes a fully active part in local AREC activities; a "listed" member is one who for any reason cannot do so but nevertheless is in support of the group and will be available as his personal recumstances permit. Thus, there is a provision in the AREC for every resur licensee.

73's

George

# "THE TECHNICAL ADVISORY COMMITTEE"

You say the distribution unever heard of the group. Well, if you haven't been to for a while that's why you don't know about us. We are a very to the property and we have a positive mission. Let us ask you a

question. What do you get out of your club membership? Better yet, what have you contributed to the club in the last year? Nothing, you say, to both questions. O.K., this is the main reason for the formation of the Technical Advisory Committee.

How man, times have you needed help on a problem with your rig or with the installation of a new antenna? Who do you turn to? You don't know anyone well enough in the Club to ask for any amount of help. Perhaps you even feel that you are imposing when you ask for help or that your problem may appear to be silly to someone also. Perhaps this is the reason for our club not growing. What have we got to offer the prospective new member? Well, now we have much to offer.

Our club membership is made up of many individuals with much technical experience in many fields. Everything from teaching to printing and we propose to make use of this wealth of experience. How will this help the club and you as an individual? Well, it will give each and every member a positive reason for being a member and at the same time it will give you an opportunity so give someone something. You know, even a couple of hours of your mustic power is very valuable and particularly so to a person who is limited by reason of health or physical condition. I am sure that you have heard the axiom that it is better to give than to receive. So now you're beginning to get the idea behind the "T.A.C."

Sound good to you? Fine, now here is the way it works. You want to put up a new Beam and the XVL can't help you because she is afraid of high places. Here's what you do. Get in touch with the "T.A.C." and state your problem and when you want to put up that shiny new signal squirter. Now we go to work on your manpower problem. A few well placed phone calls and up goes that beautiful Outer Mongolia DX Magnet, You thank your crew and get ready to work all that beautiful DX. Oh, no, there is something else that you must do before your sweaty little paw reaches for the plate switch. You say you thought there was a catch to all this free help. You're right. There is. You are now obligated to the "T.A.C." for the number of man hours of help that it took to erect your shiny new signal squirter. So just take your pen in hand and fill out the form that we keep on record for some day some how we are going to ask you to pay back the man hours in the manner that you are able to in your own special way. Even if its only muscle power or typing a page or two for Cross Talk.

You say that you don't like to fill out forms? This one is very simple. All it asks is Name, Call, Address, Phone number, Occupation and any other abilities that you may possess. We already have fifteen members signed up ready to offer their talents to solve your problem. Won't you join us? It's strictly on a volunteer basis and no one is going to twist your arm. If you don't get anything else out of it, you will get to know everyone a little bit better. Contact either myself, George Stuart E2SCL or Bill Shaw, WB2FVT. We will be happy to sign you up. See you at Club meeting.

<sup>2.</sup>S. You will note that there is a column on the form to credit you with fime contributed.

### FOR SALE

REVERE 35MM AUTO MAGAZINE SLIDE PROJECTOR

MODEL 503,300 WATT WILL PROJECT 35 MM, BANTAM

AND 1 1/2 x 1 1/2 SUPER SLIDES. EXCELLENT

CONDITION. RECEIVED NEW AUTOMATIC FOR CHRISTMAS.

PRICE: \$35.00

GEORGE STUART K2SOL PHONE 463-3653

\*\*\*\*\*\*\*\*\*

# SCUTTLEBUTT

Heary congratulations and a big slap-on-the-back are directed to George Stuart, K2SOL, for having received his 35 wpm ARRL certificate. This, I believe, is a GCARC first and certainly a tough mark for the rest of us mortals to shoot at! Nice going, George, a real accomplishment.

Also, congratulations to Ron Blakeslee, now WA2EOB, our club's newest General. Keep going Ron--right up to the Extra Class. Also learned that Ron got his WAS as a Novice which has got to be another difficult accomplishment. Hence, Ron joins the WAS club group and did it the hard way. Real FB.

Looking through the newly issued club directory, see where Tad, W2CKX and Crosstalk editor Wally, W2PLD have their WAS awards. And your gentle scribe, WA2NPD finally received a QSL from Vermont and has received his WAS. Also see where Jack, K2JKA has a WAC. Guess this is pat-on-the-back month.

Due to several recent agonizing screams heard from various sources, we will yield a one (1) month reprieve prior to publishing our Eight-Ball list (those who haven't yet submitted a QSL card (their own) for our club board). Rest assured, next month the list will appear--unless all of you, by that time, have gotten your QSL card tacked-up on the big board. Understand, a 25¢ fine is to be levied on chronic offenders. So koff up!

Tragedy of the Month Dept: Sympathy cards, flowers, and other forms of condolences should be gotton to Bill, WB2FJE on the tragic and sudden death of his tribander. The irony is that the victim appeared to be in excellent condition until felled by a sudden wintry blast. No known cure appears to exist for this particular malady. Neverthelsss, many club pall bearers are ready and willing to assist in moving the new beam to rest back up the pole when ready. (Bill's comment is ta hell with the flowers, donate \$\$!!). Can't blame him a bit.

Lightning strike twice in the same place? Certainly not, nevah hoppen-or, at least most of us might agree to this old proverb. However, we know of one guy who doesn't agree--don't we, Paul!! Ask our club secretary at this month's meeting about his 6 meter beam--then, be prepared to step rapidly back out of the way. Understand WB2WAK's neighbors are moving back out of the way in order to miss getting a reflector on the noggin, etc. Warmer days are coming this spring, Paul.

Another successful beam raising was recently held at the QTH of our president, WA2VEE. Sopping up the 807's were W2KE, WA2NPD, WB2FJE, WB2JZY, and WA2VEE. The job looks quite well and we wish Bill God-speed. Understand our TVI committee (WA2TSZ, et al.) will really have a busy time now.

Our Club Directory looks real great—thanks to W2YNR and WB2FJE. If you haven't picked up your copy yet you can do same at the next club meeting. We suggest storing in a 3-ring loose leaf notebook. This way new member pages may easily be added on with time.

C'mon out to the March meeting, March 5, and see all the movie stars, a bunch of real hams up there on the screen. Should be fun.

73's de WA2NPD

## QSL CARD CONTEST

Don't forget to bring along your entry (or entrees) to this month's meeting. You may enter a display of 12 cards in either the USA only category or the open (USA, Foreign, or a mix) category, or enter a display in both categories. Only 2 displays per customer, however. Awards will be presented in both categories for Beauty, Originality, and Humor. In addition, a special award will be presented for the rarest DX display, rareness determined via a point system which will consider the distance, size, and number of amateurs of a particular country or location. Tables will be provided for displaying your entry—either vertically or horizontally. We might suggest you get a piece of cardboard and tack or tape your cards to the front of same. Let's all try to dig up an entry and try to win the valuable prizes—a total of 7 in all.

In addition, if someone else has not already procured a slide of your shack, don't forget to bring yours along. (2 x 2, color).