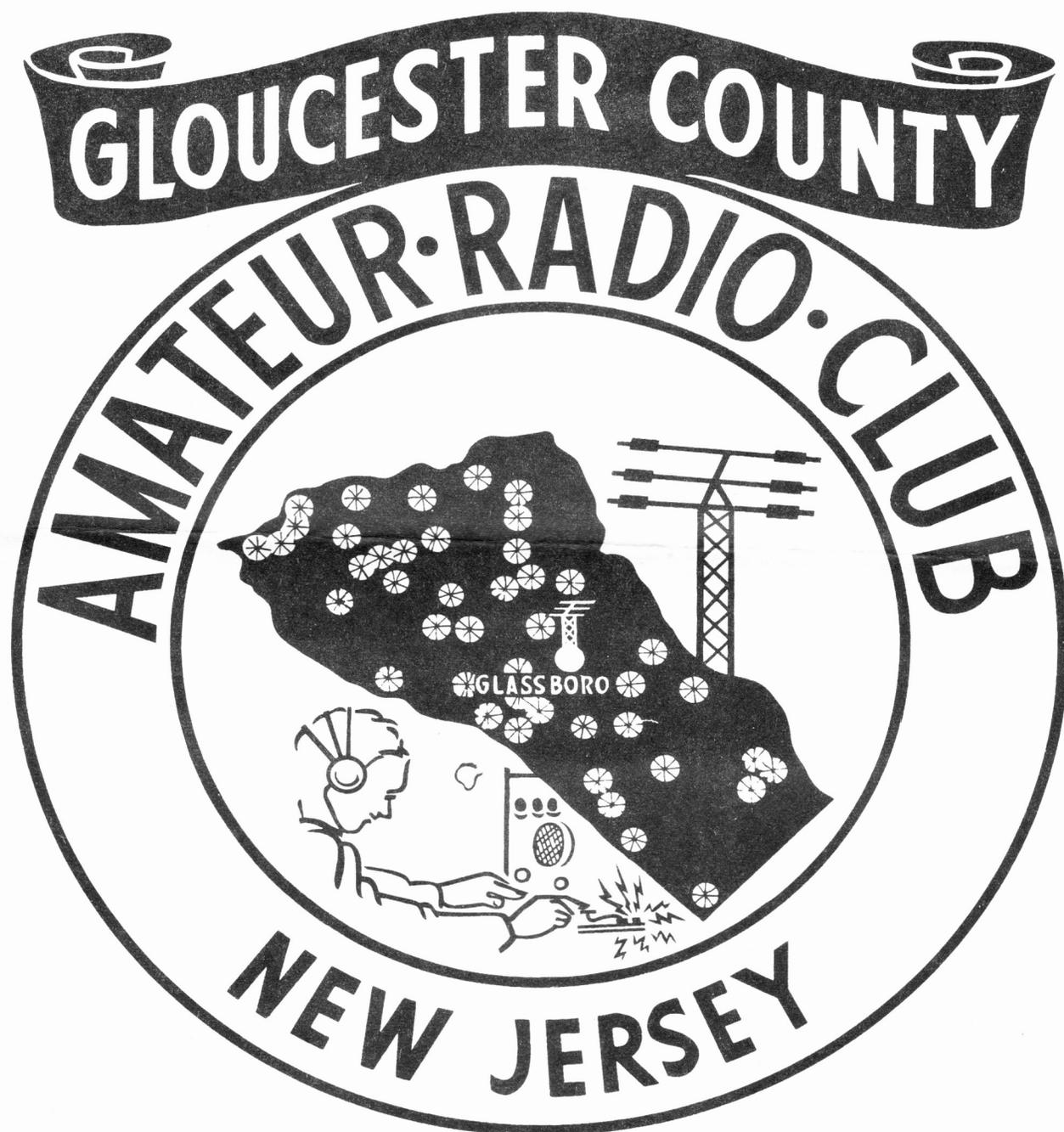


# CROSSTALK

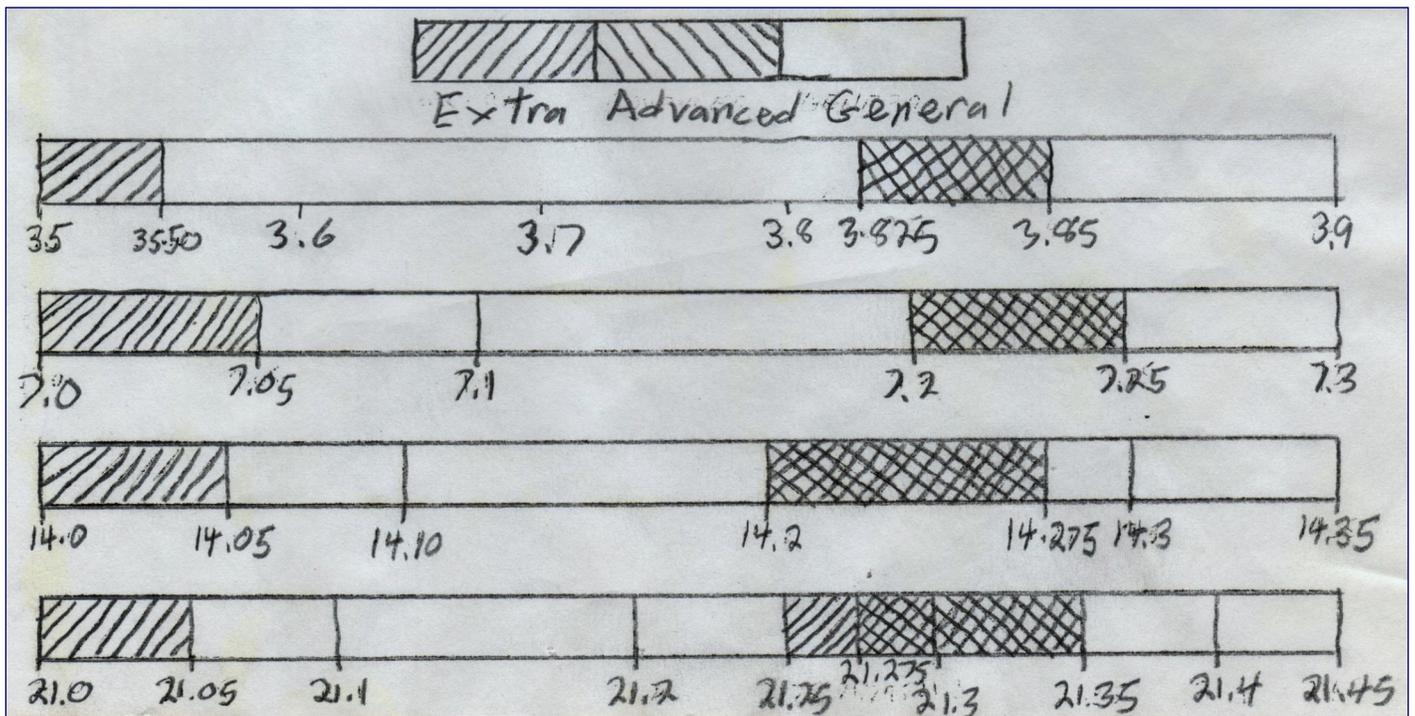
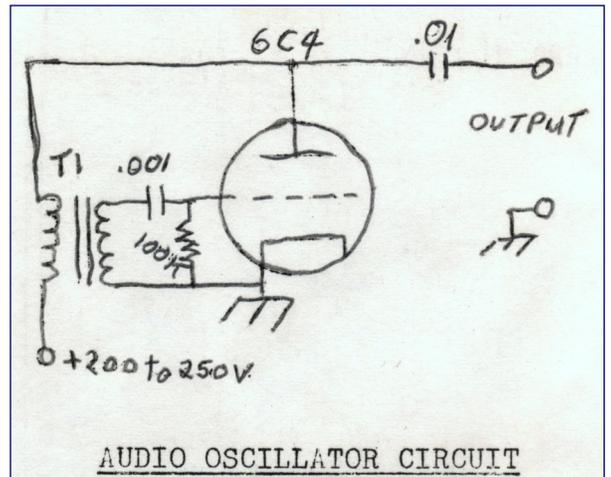


**THE OFFICIAL PUBLICATION**

# CROSSTALK - FALL 1967

## AUDIO OSCILLATOR

Here is a simple audio oscillator that can be built in one evening. It can find a multitude of uses around the ham shack, from checking of phone transmitters to a code practice oscillator. With a Stancor A-53 transformer used for T1, the output frequency is about 1500Hz. Any single plate to grid transformer should work equally well. It could even be built in an existing piece of equipment utilizing the unused half of a 12AU7 or 12AX7.



## OPERATING PRIVILEGES CHANGES

By this time everyone knows the significance of the above chart! On November 22, 1969 this is what your operating privileges will look like on the low frequency bands. In addition to this, (not shown on the chart) 50.00 to 50.25 MHz in the 6M band will be available only holders of Advanced and Extra Class licenses. One year earlier, November 22, 1968, portion of this new FCC ruling (Docket #15928) will take effect on approximately one half of the frequencies noted. Novice licenses issued after November 22, 1967 will be valid for a 2 year period. After November 22, 1968, the phone privileges currently available on 145 to 147 MHz will be withdrawn. The only change for Technician licensees is that 50.00 to 50.25 MHz will no longer be available for operation. October "QST" page 78, contains complete details.

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### CLUB MEMBERS

A lot of members are like wheelbarrows, Not good unless pushed.  
Some are like canoes, They need to be paddled.  
Some are like kittens, They are more contented when petted.  
A few are like footballs, Which way will they bounce next?  
A few like balloons, Full of wind and ready to blow up.  
Some are like trailers, They have to be pulled.  
Some are like lights, They keep going on and off.  
Many - Thank God - Are like the North Star.  
There when you need them, dependable, ever loyal and a guide for all people.  
*(From SIRAN, April 1967, via Cheese Bits)*

**The Gloucester County AREC net is back in operation after a summer lull. Friday evenings, 8 PM, 50.90MHz. Contact Jim W2LVW for more information.**

**WA2NGI is now W2MMD in case you did not know by now!**

### De K2JKA

Response to the recent issue of Crosstalk was, to say the least, not overwhelming in terms of getting deluged with material for the next issue! We did get one reply with some material which is included in this issue. Consequently, we ended up again stealing most of our material from other papers. What will it be next time??? Another reprint of other club's papers?? The FCC has adopted its controversial Docket 15928, also known as incentive licensing, with a few modifications of its original form. In all probability, this issue caused more division in the ranks of Amateur than ever before. There were die-hards (I am sure) that, way back when, resisted the passing of spark transmitters and some still today that resist the takeover of the phone bands by Single Side Band. These changes caused cries of dissatisfaction among the advocates of status quo, but, nevertheless, have come to pass and the wounds have since healed over. Now is the time to start the healing process of the wounds caused by Docket 15928. It's here to stay like it or not and we will have to live with it. It's now time to divert all of the energies that we have expounded in denouncing or lauding the proposal into a constructive program of upgrading ourselves. See you in Room 1005 at 2nd and Chestnut one of these days!!

### SILENT PRESS

It is with regret that we announce the passing of SIRAN (South India Radio Amateur's Newsletter), edited by VU2CV, G. Venkatesalu of the Bangalore Amateur Radio Club VU2ARC, Bangalore, India. It died a horrible death due to the lack of contributions as have a number of publications. One in particular "Bandsread" from Cedar Rapids Radio Club, Cedar Rapids, Iowa, edited very capably by W0IKQ, Bob Moyer.

**Moral: SUPPORT YOUR EDITOR AND PAPER (via Cheese Bits)**

### FCC EXAM PAPERS – HANDLE WITH CARE!

Some time ago we reported the case of an amateur who signed up for Technician or Novice exam papers, then failed to return the papers. Docket 17325 is an FCC Order to show cause why the license of W4GNL should not be revoked for failure to return Technician Class papers. It might be worthy to point out that when an amateur signs up for the exam questions, he thereby incurs the responsibility to see that they are properly handled, and if they are not, his license is subject to revocation. (via Auto Call)

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### **FOR SALE**

- Ameco Transmitter, covers 80-6 meters; AM & CW-Pi Net output; both for \$90.00.
- National VFO Model 62 - 6 & 2 meters with built in AC supply and calibrator - \$15.00.
- 4X150G's - \$5.00 a pair.
- 27-40 mc tunable FM receiver - \$10.00.
- RCA Sweep Generator - \$5.00.
- 3 element Telerex 6 meter beam with broken reflector and director - FREE.
- Telescoping whip antenna, extended to 12 foot, collapsed to 1 foot - \$1.00.
- Socket for 539, 832, 829B, etc. - \$1.00.

### **HEARD OF HAMS ON THE BAND**

- Solid copy here OM. What was the handle again?
- If I don't hear you on 50.48, I'll give you a call on the land- line.
- You send me a QSL and then I'll have your address and send you one.
- Sorry you aren't able to copy me anymore. How about a sked tomorrow at this same time?
- Naw! this....thing....never....drifts.
- If you hear me on, give us a shout. I'm not usually on this band though.
- Got a line noise this morning, someone must be running a faulty TV set.
- The Novice who made two errors sending his own call. (Would you believe a General doing the same thing?)

*(via Hark Bulletin)*

**One of the biggest troubles with success is that its recipe is about the same as that for a nervous breakdown.**

**If you don't want your children to hear what you're saying, pretend you are talking directly to them.**

### **HAM OPERATOR IN WESTVILLE AIDS QUAKE VICTIMS IN SOUTH AMERICA**

Radio amateur, Frank Rotondo, WB2AHU, 14, of Westville has had a number of experiences since he became a ham operator, but the recent earthquake in Caracas, Venezuela, gave him an opportunity to be of real service. On Monday, July 31, he was in contact with another station YU5ACL, broadcasting emergency messages for families in Venezuela to relatives in other countries. Frank relayed four messages. One lady could only speak Spanish. Frank relayed the message in Spanish because he had studied the language two years ago in school.

### **NEW MEMBERS**

Welcome to the Club: Wally Martin, W2PLD, and Darrell Neron WN2BVV, joined as full and associate members, respectively. Darrell hails from Williamstown (quite a crew from that QTH now in the fold) and we understand he is well on his way towards becoming a General. Wally needs no introduction, suffice to say we are glad to have you back with us again, Wally.

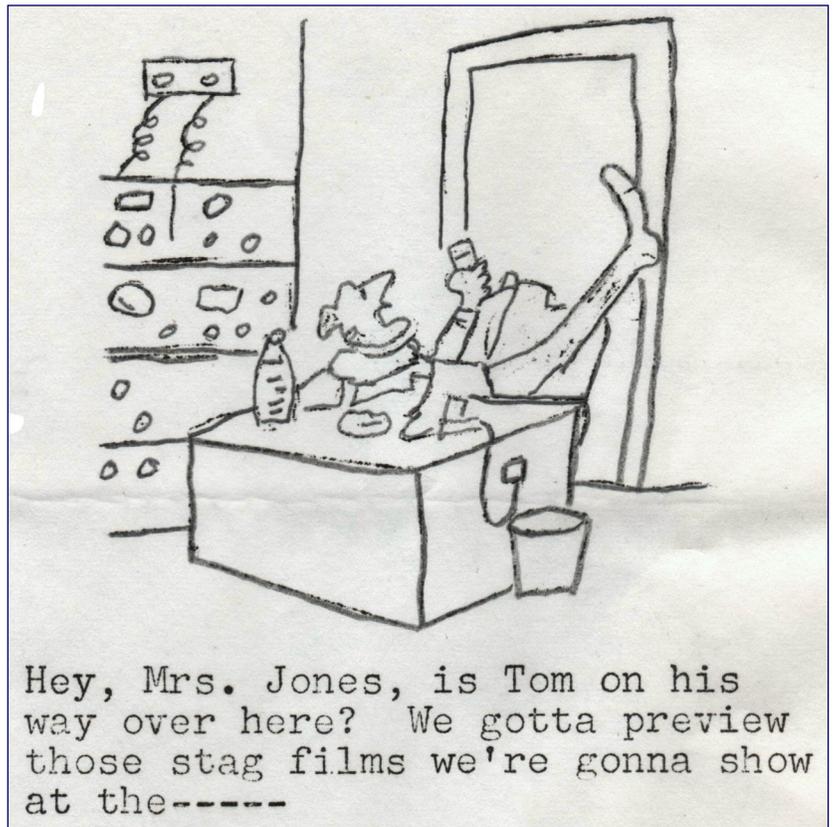
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### ARE YOU ONE?

In general there are two great classes of amateurs: Those who are married (both male and female) and those who are single (same categories). This epistle is directed to those who are single, in an endeavor to increase the understanding between the two groups. Let us consider the Club Member who is a busy club organizer, worker or executive, married, with children and spouse. The home telephone rings and an obviously adult voice (sometimes a member of the opposite sex) says "Hello?" Do you then say to the ham's spouse, "Is....there?" No, you do NOT. You say, "Good evening, Mrs. (or Mr.) Spitz. This is C.Q. Smith, Could I have a word with Tom (Dick, Harry, or Sue, as the case may be)? The Hamming spouse is then called to the landline. What particularly annoys the wives is the attitude a number of hams have in assuming SHE knows from the voice who YOU are. In any event, she probably feels her OM should be painting the kitchen instead of teaching code classes or explaining how to make a beam. A word to the wise, telephone manners are important, particularly if you want Tom to stay active in the club. Also, no spouse likes to listen to one side of a protracted telephone conversation, so be brief on the landline and save general rag chews for 75 meters or club meetings. Another case (not strictly limited to amateurs) is the habit some have of just driving over to see Tom at any time of the day or evening. If Tom is a close personal friend, the only considerate thing to do is phone first and see if a visit convenient. Otherwise, you may find him knee deep in guests, booze or secretaries! Finally, if you do go over to visit Tom, remember to leave your much loved (and worn) T-shirt at home, and turn up looking like a respectable member of the community, and not a beatnik. Tom has to live there. And when he explains (or his XYL) as eventually he must, the image of Amateur Radio is dealt another blow.

(via Marc-O-Gram)



In the past year, the FCC has created many controversies by their new rulings. Many of these have generated little or no interest in amateur circles. Most of these recent rulings have been the result of the squeeze by AT&T and others for more new frequencies. Typical of this was a petition by AT&T to annex some "unused" ham frequencies above 30MHz. To help alleviate this situation the FCC has taken many countermeasures. Among these is the requirement that AM marine services (mostly AT&T's) convert to SSB by 1970. Another change was the announcement that all commercial FM (police, fire, etc.) must change their deviation from 5kHz to 2.5kHz by 1970. Two years ago, the FCC sponsored a bill to require all TV sets sold in the U.S. to be equipped with UHF tuners. A few far-sighted individuals realized that this was only an indication of things to come. The FCC now is studying plans to abandon the VHF-TV band (channels 2-13). Shortly thereafter, the FCC announced a new TV band, near 5000MHz. This isn't as high as you think, as the present UHF-TV band extends to 890MHz. The Philadelphia Board of Education has already been granted an allocation in the microwave TV band. The FCC seems to feel that the UHF-TV band

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could well accommodate the users of the VHF channels, interference to and from VHF-TV stations is too severe. Also, on the topic of frequency changes, the FCC has announced that license-free operation (100 mw, CB walkie-talkies) will now be con-fined to a single channel in the 40MHz region. If and when the VHF-TV band is abolished, amateurs may profit (less TVI?). (contributed by Robert Spain, WB2RVE)

### HAM CLUB ACTIVITIES

On July 29 and 30, the South Jersey Radio Association sponsored an exhibit station at the Naval Air Engineering Center in con-junction with NAEC's Golden Jubilee. Operation was under the call of K3USN. GCARC's, Bob Sherker, WA2EPB, was associated with the activity. A special QSL card went to all stations worked. "Operation Hello" is a radio telephone link between Vietnam and Omaha, Nebraska, that enables combat servicemen on the front lines, on naval ships, and in hospitals to chat for five minutes with their families at home, and at no cost. Here's how it works: A marine in Vietnam speaks into a telephone and his voice goes by military phone lines to a Navy transmitter at Dong Ha. From there it goes 9000 miles over the North Pole to Omaha where it is received by members of the AK-SAR--BEN Radio Club specially licensed for operation on 19956kHz by the Navy. From Omaha it goes back on a phone line to his parents or wife, anywhere in the country. The only expense is for the phone call, and this is being quietly paid for by a group of sponsors. The July bill was \$2300! Many additional calls were made collect or charges paid by the AK-SAR-BEN Radio Club of Omaha.

**According to some authorities, man can live for 7 minutes with-out air, 7 days without water, 7 weeks without food, and 70 years without brains.**

### CLUB MEETING

Don't forget, Wednesday, November 1, 1967 @ 2000 at the Clubroom. The program will be a diversion away from Ham Radio this Month as we will have a film on the Indianapolis 500. So looks like we are in for an evening of thrills and spills. The usual door prizes and fine refreshments will add spark to the evening. Also, this is the meeting where your Nominating Committee, composed of the past presidents of the Club, will present a slate of nominees for election at the December meeting to lead the Club next year. If you disagree with some of the selections, here is your chance to add on (or subtract) other names. Be sure to support your club by attending the club meetings, there is no better way. Many thanks to Frank Van Turner, W2KE for arranging our last month's program. From all comments, it had to be one of the best programs we've ever had.

### CODE CLASSES

The Novice code class is well underway with about 10 eager students, according to chairman Jerry Blakeslee, WB2VUC. The other two classes, advanced code and radio theory, have been dropped due to lack of response, i.e. not enough students showed up to hold a class. We are nevertheless, indebted to Bill Culpepper, WB2NNB, for taking the time and effort to prepare lectures for the theory class. I personally feel many Hams have missed out on a golden opportunity to upgrade their license and their radio knowledge. We will plan to continue the Novice Class on beyond 5WPM (about next February 1, 1968) and if enough others are interested, they may join the group at that time and work towards 13WPM.

*(Continued on page 7)*

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### **SHORT QSO's**

Good News! The Past Presidents Plaque is back in the Clubroom and the Club history has been found. Bad News: Our own Paul Walton, W2YNR, is back in the hospital again, but, for all intents and purposes, a shorter stay this time. Paul has sold all his gear and is awaiting the arrival of a new SSB rig, hope you arrive home in time to meet the mailman, Paul. A group of Hams met last week to help Sid Gantz take down his tower. Sid is moving to W4 land and we wish him all the best. W2LVW is heading up a group of AREC'ers to help the Deptford Police head off the Halloween pranksters. FB Jim. Many thanks to K2JKA for getting this issue of Crosstalk together, and all in the midst of pacing back and forth awaiting a new harmon-ic. WA2PVH putting in a speaker shattering signal on 15 SSB. WA2PVI looking hale and hearty after bagging a deer in the north woods.

**EDITOR: Jack Layton, K2JKA**  
**PUBLISHER & CIRCULATION: James Peck, W2LVW**

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