

# DVRA



W 2 Z Q



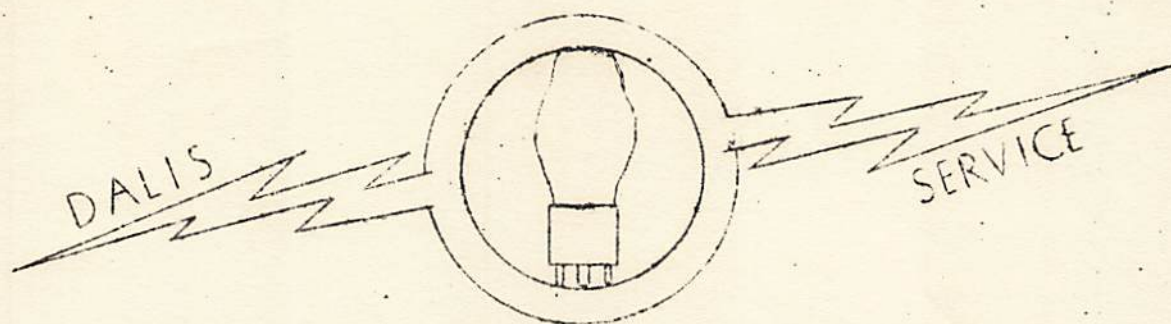
# NEWS

Official Publication of  
*Delaware Valley Radio Association, Inc.*  
Trenton, New Jersey



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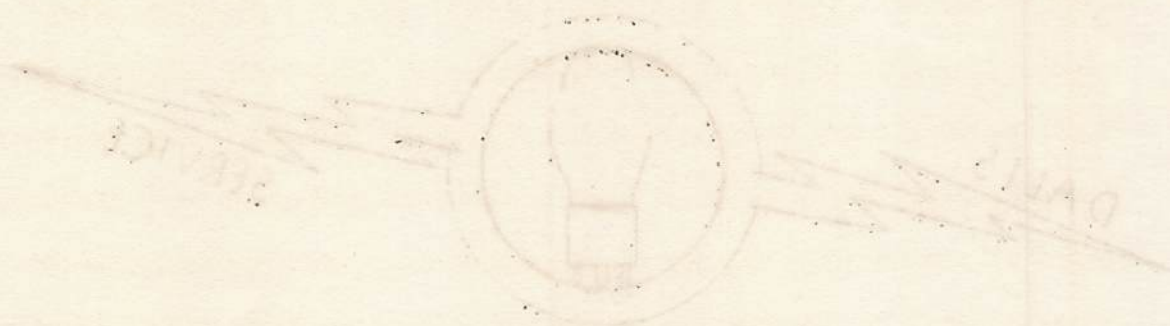
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## EDITORIAL

With the beginning of the new year 1950 already well under way this editor would like to see a much improved Emergency set-up within the Delaware Valley Radio Association. By the end of 1950 or sooner we would like to see the D.V.R.A. in possession of a portable gasoline generator of at least 2 KW rating or better. Secondly, a complete portable amateur radio station ready to go when there is a need for communications during an emergency. Next, we would like to see more emergency or portable equipment at the member's shacks or Qth, this equipment, naturally would have to be acquired by the members themselves. But the above things mentioned earlier can and should be procured by the organization, either from the present money in the treasury or the required amount of legal tender raised by a drive or ticket raffle, show or whatever the usual method is. We have one member with a mobile rig and maybe if a few of us including the editor buckle down we can get a couple more stations mobile, not only for the enjoyment of working mobile but for use in emergencies as their use has already been proven well worth while. It might seem like we're always pounding emergency preparedness at you fellows but it is one thing the club should not overlook in the coming year. If we can get a program running smoothly, then field day would just be another emergency communication drill instead of an activity that requires much preparation and begging of equipment. Maybe we can get some helpful suggestions from the membership, we hope so.

W2UPS



# OFFICERS OF THE DELAWARE VALLEY RADIO ASSOCIATION

President	Richard Henrie	W2UPS
Vice-President	Lester H. Allen	W2QOK
Secretary	David Nabutovsky	W2SMP
Treasurer	Charles Robman	SWL

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## D. V. R. A. NEWS STAFF

Harold Lee	W2STU
Pierre Williams	W2JAG
Richard Henrie	W2UPS
David Van Nest	SWL

## Special Appointments

Supervisor of Property	Pierre Williams	W2JAG
Historian	Edward G. Raser	W2ZI
Ass't Secretary	Robert Crozer	SWL
Sgt. At Arms	Charles Moore	SWL

## Standing Committes

1950 Old Timer Nite	Edward G. Raser	W2ZI
Refreshment	Charles Moore	SWL
Field Day Chairman	Harold Lee	W2STU
Building Site	Richard Henrie	W2UPS

## Business Meetings of The Delaware Valley Radio Association

The regular monthly meetings of the Delaware Valley Radio Association are held on the second Wednesday evening of each month in the Chamber of Commerce Room of the Hotel Stacy-Trent, corner West State and Willow Streets, Trenton, N.J. The Business meetings start at 8 PM. Refreshments are served after the meeting. All Visitors are cordially invited to attend meetings.

\*\*\*\*\* W2ZQ \*\*\*\*\*

D.V.R.A. Club Station



## News and Views

The Christmas season brought its usual overflow of seasonal TFC. The nets were running overtime on practically all schedules. "SXX" handled armed forces TFC from Japan, Alaska, and Hawaii to various local points. The "National TFC system" came through with flying colors during the Holiday season.

"SXX" visited W2PRG, in N.Y.C? who is net manager of 2nd Regional net. They hashed over methods of co-ordinating "SNJ" activity with "NTS". W2PRE proved to be a gracious Host, having on hand for visiting firemen an ample supply of liquid refreshments.

Anyone wishing to originate TFC will find outlets by calling "SXX" or "ZI"

W2JAG is now on 160 mtr fone with W2QVD, Barney, where is the rest of the gang. The band is getting crowded.

W2JAG is still mobile on 75 and working out FB with BC 474.

\* \* \* \* \*

### " Ever Happen to You? "

You're sweating out a QSO with one of those rare DX stations or maybe trying to work that guy in Arizona for your last "WAS" QSL crd and have the gain wide open on the receiver when one of those VFO jockeys who slide up and down the band with the rig on full power, comes swooping down on the frequency. But does he keep on going? Nope. Back he comes, only this time more slowly and proceeds to move on Zero Beat with the guy your trying to copy. You sit there biting your nails, silently praying, hoping he won't transmit until you've finished copying the other guy. Nope, your wrong again. He immediately begins to test and tune up and after five or ten minutes of this he is QRT and the other guy you were trying to work has given you up for lost and the frequency is crystal clear and silent. Some fun eh?

\* \* \* \* \*

Just recently Al, W2SXX and Dick, W2UPS took in a movie downtown one night and during the feature picture "UNDERTOW" one of the scenes took place down the cellar of a cop. This particular law enforcement officer in his spare time engaged in our hobby, Amateur Radio, and in this one scene it showed him in his shack. Of all of the movies that we have seen where a ham shack has been included, this particular one showed the most elaborate and also, we beleive, the most accurate description. There was a transmitter, modulation peak indicator, mike and also that familiar Hallicrafters receiver that you most always see in the movies, also a BC375 piled up on a table and lots of measuring equipment. Ham radio scores again Hi.

\* \* \* \* \*

Keep your eye open for the date when The D.V.R.A. will visit the "Voice of America" station which will be in the near future.

Our old friend Les Wood is dispensing resistors these days at the Allen & Hurly store.

Oh my sad aching back, did any one see that twisted heap of tin piled up on Front Street? Some one said it had been a new Plymouth station wagon used by a radio dealer for delivery purposes.



Ladies Auxiliary of the D.V.R.A.

Officers

President -----Alice Van Nest  
Vice-President -----Pauline Raser  
Secretary -----Florence Rebman  
Treasurer -----Trudy Crozer

There was no regular meeting in December as the annual Christmas party was held on that date. All members attended except Ethel Thornly. She was unable to come due to illness in the family and she was down with a cold herself. We were very sorry that she could not be with us and we missed her. The members assembled at Pauline's home and after a toast and a snack drove off to the Brookside Inn. Alice Van Nest and Helen Allen provided cars.

Our club was one of four womens organizations dining there that night and it looked like one huge party. The room was beautifully decorated in true Christmas style including a tree, and the tables were festive with greens and flowers. Florence Rebman made some cute favors of white reindeer with holly wreaths and lollipops. While waiting for dinner to be served Christmas gifts were exchanged. There was a lot of fun trying to guess what was in the oddly shaped packages. Everyone enjoyed the dinner and it was complete in all respects and delicious. During the course of the evening music was provided through the PA system and after dinner was over the floor was cleared for dancing. Most everyone took a try at it. Erma and Pauline did a good share of it themselves. Later on a few of the husbands dropped in. The party broke up in groups and everyone agreed it was a very enjoyable affair.

The Treasury is low again as usual this time of year so we will have to get our heads together and make plans to build it up again, such as covered dish suppers, etc.

The next meeting, which takes place on Wednesday January IIth, will be held at the home of Ida Nabutovsky. All members please try to attend.

Wishing all a very Happy New Year...

Pauline Raser

Publicity



We've just been looking over the new docket and it looks as though the FCC has gone along with the joint Amateur Proposal to some extent. The docket as a whole looks pretty good and should bring the needed new blood into our ranks.

The top ticket will be the new Extra Class license. In order to obtain it you will have to get busy on CW and build up your code speed to 20 WPM which will be the requirement. The theory portion of the exam it appears is going to be more complex than any thing we have had yet.

The next ticket will be the Advanced Class which will entitle you to the same identical privileges that the class "A" now gives you. All present class "A" holders will we understand be automatically relicensed as Advanced Class which will be open also to new applicants untill Dec. 31, 1951. After 1951 there will be no new Advanced tickets given out and all those desiring privileges not permitted under General Class will have to take the Extra Class exam.

The General Class will be the same as the present Class "B" and will require the same 13 WPM code test.

The Conditional Class is of course the present Class "C" license.

The Technician license we hope will bring some of the wiser and more experienced heads into our UHF ranks in the region above 220 MC. This license requires the applicant to copy code at only 5 words per minute and the same theory exam as that required of General Class applicants.

The Novice Class will open the gates of Hamdom to many who have been having trouble with 13 WPM. This ticket requires the applicant to copy code at 5 WPM and to pass a fairly simple theory and regulations test. However it must be remembered that the Novice Class license cannot be renewed and its holder must make the most of it's one year period to build up his code speed and grasp enough theory to enable him to pass the General Class exam.

There is a very important paragraph ( SS 12.27 ) on renewal of licenses that we hope the boys have read carefully. On renewing your ticket one must state that he can still copy code at the same speed as that originally required when the license was obtained.

\* \* \* \* \*

Les W2QOK mentioned the fact that he was going to get started on a new Antenna. We went by his house the other day and saw a 4x4 foot hole a few feet deep in the yard. You don't suppose that guy is going to try one of those underground antennas, do you ?

\* \* \* \* \*

What do you think of Doc W2WCA not being able to keep up the pace on those early morning skeds with "B" W2HX ? "B" is working the maritime skeds all alone while Doc is busy pounding his ear.

\* \* \* \* \*







## News and Views

According to the most recent reports some of our boys are having a tough time prying QSL cards loose from the western states for the clubs WAS contest.

The big DX contest will be here soon again and with it comes a golden opportunity to rack up some very nice DX cards. All you have to do is to fire up your rig on ten or twenty and do some sharp listening. You will probably find it easier to work them than to get their cards but a good percentage of them will QSL. It just be remembered that these hard to get boys have the opportunity and do work hundreds of W's, VE's and South Americans and a QSL card to each one of these contacts represents a considerable cash outlay, QSL cards are more expensive and much harder to get for these boys in foreign lands. As last resort it seems common practice to send a self addressed envelope into which the DX has but to place his card and mail but he would much rather send them in packs to the QSL Manager. If you have not already done so send a one dollar bill to the QSL Manager to pay for twenty envelopes which will be mailed to you from time to time as your cards come in.

\* \* \* \* \*

The prizes for the D.V.R.A. WAS contest will be announced in next issue of the D.V.R.A. News and by the way have you picked up your copy of the RCA Hams Tips which contains a swell "Worked all States Log"? It can be obtained at Allen & Hurly's Radio Store. Lets have some copy on the progress of the members also so we can print a special column for that purpose.

\* \* \* \* \*

On November 27 D.V.R.A. members and friends motored down to Tuckerton N.J. to make a tour of station WSC. On arrival at Tuckerton they picked up their guide Bob Leech, W2KPO and headed for the receiving station, which is in the town itself. Outside the station, two 100 ft steel towers supported the lower frequency antenna and a 100 foot and two 80 ft wooden poles supported the higher frequency antennas. Inside two operators were handling traffic from ships at sea while Bob showed us around. We were shown how they make up a press report on tape and Bob gave the club a special tape as a souvenir. After everyones questions were answered, the crowd left for the transmitter site which is out on the flats near the bay. Many pictures were taken of the famous 780 foot tower which supports a multitude of antennas; only a few of these are used at the present time. The tour of the transmitter room proved interesting to most of the boys, and ZI was tickled when Bob took us to see the two Altenators, which had just been taken out of service in the past year. Many thanks to Bob for a swell job as our guide during the tour.

\* \* \* \* \*

We want to remind all members to be sure to attend the February meeting and cast their ballot for the new club officers.

\* \* \* \* \*







Sell----Swap---Buy

- Sell -- Lysco Model 27 ten meter mobile transmitter,  
complete with three 6 AG7 tubes and crystal  
for 29 MC.  
Practically New \$ 14.00 "A1" W2SXX Phone 2-1687
- Sell -- BC 459 ( 7to9.1 MC) transmitter.  
Dick Henrie W2UPS 100 Tipton St. Phone 5-3832
- Sell -- BC 654 ---- \$ 15.00  
Frank Sudi ESQ. 593 Centre St, Trenton Phone 4-0145
- Sell -- ProMar Sky Buddy Receiver  
3 Bands 550 KC to 18 MCs  
W2JAG Trenton Phone 2-5972
- Sell -- A metal Tower 47 feet high  
Marvin Saxton 33 Dieter Ave Morrisville Pa.
- Sell -- Super Pro Receiver including power supply but with-  
out speaker.  
Dr. Collins -- Langhorne, Pa. or see Les Allen
- Sell -- Breting Model I4-AX communications receiver with  
12 inch Magnavox speaker, a dandy buy for SWL or  
beginner. Also NC-100-ASD communications receiver,  
with PM box speaker, all ham bands with addition of  
200/400,KC. airways band. No reasonable offer re-  
fused, come look em over at 315 Beechwood Avenue,  
or call Ed Raser, W2ZI at 3-4809.

\* \* \* \* \*

The Delaware Valley Radio Association will run a column  
of free adds each month in the interest of promoting the  
sales of any surplus or extra equipment that you may have.  
Adds may be placed by contacting Les Allen or by calling  
either W2STU or W2UPS prior to the first of the month.

\* \* \* \* \*





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# DVRA



W 2 Z Q



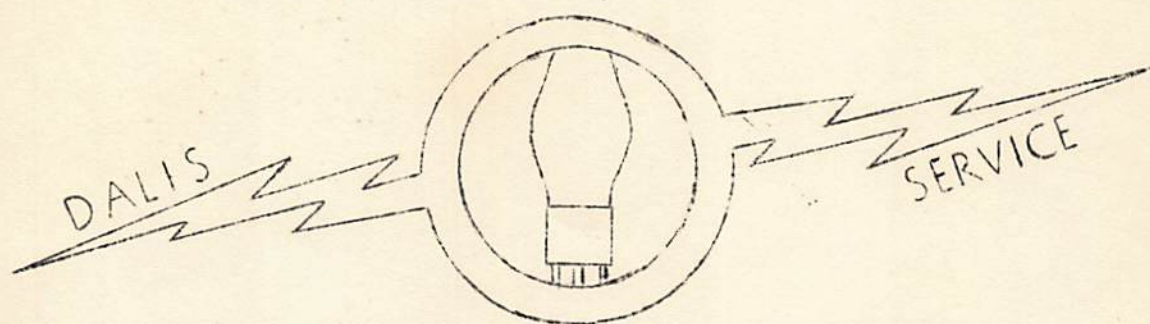
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ASK FOR  
JACK WEEAST



## EDITORIAL

With several good possibilities for a club house and ground in view, there will probably be considerable discussion on this subject. Many of the members will no doubt pop the question "This has happened so many times before and there was just a lot of talk and nothing done about it. Is it going to be the same way now?" well, we are not going to try to answer that question, but would like to go back a ways in the club history and present a few facts. At the August 5 meeting back in 1931 just three meetings after the club organized, a club house was proposed and two months later the D.V.R.A. had a club house of it's own in a school house at Moon's Nursery in Penna. They rented this house until the Dec. 6th meeting, at which it was voted to move to the II2 field artillery. The Next club house was located at the Trenton Yacht Club on Lamberton Street, and was secured after a vote at the Jan. 31 meeting in 1940. This location was left following the outbreak of the war due to loss of members to the armed forces and FCC's regs keeping Amateur stations off the ether. Although neither of these club houses were owned by the D.V.R.A. they apparently functioned very nicely and with W3AQ on the air, the minutes showed that there was a large number of members on the roster and that a majority of these members were present at the meetings. Whether or not anything definite will be accomplished when the club house matter is brought up, we cannot say, but after reading the club's minutes in their entirety we can truthfully state that a club house is definitely an important factor in keeping a club active and working smoothly. So if the organization decides to build, buy or rent a club house we are 100% with them.



## News and Views

Doc. Deisel-W2WOA is still boasting about his two meter DX which is Nova Scotia. What rig were you using? Not that diathermy machine again.

Sid. Deitz has a BC-348 receiver & is busy listening to the DX. He tells us that I60 Meters is really hot these days. Virgin Islands & Great Britain have been heard. The English stations are only permitted to run 10 watts input on I60 Meters. They can be heard on or about 1790 Kc.

Locals on I60 are W2IJC, W2CFL, W2WGH/2, W2QVD, and others are expected on very soon. There is the "Crack-pot" Net whose members are W3OXD-Willow Grove, W3IU-Frankford, W3VDX-Newton, W3PTM-Tanagua, & a few 2nd district stations.

Johnny Piechowske-W2USE is still at Fort Sill, Oklahoma. He can be heard working his brother Joe-W5FNL on 29Kc. Johnny's call out there is W5FOM. Anyone interested in his address, can obtain it from Sid. Deitz or Al. W2SXX

Walt Ozmon-W2WGH, Sid. Deitz, & Ken. Zimmerman W2CFL have been experimenting with antennas for I60 Meters. Did anyone see that kite that Sid. Deitz lost in the strong wind Sat. February 25th.?

A new member in the club is Ken. Zimmerman W2CFL. He has a nice shack in the basement of his home on 305 Ardmore Ave. He uses Command Transmitters on 80 & 40 Meters. On tem he runs 85 watts to a pair of 809's in push-pull. He runs 9 watts to the pair of 809's on I60 meters. The clothes-line doesn't load up to well on this band. Hi! Hi!

Wally Heller-W2BFX was on 40 Meters with a BC-459 Command Transmitter running about 20 watts. He was also using a command receiver for that band. His Breeding "9" isn't too hot on forty. He is now working for Harrison Radio, in New York; so we may hear him on from that city.

Les Allen-W2QOK & Ed. Creeden W2YFT are getting ready to go on 420 Megacycles. You two fellows should contact Carl Dannerth W3LH who was heard by his wife at home while the OB had a rig out in his car six miles away. W3LH had been using a radar transmitter on that band.

Has anyone heard about the proposed special N.J. auto license plates to be issued to hams. There has been quite a bit of talk about it on the 75 Meter Emergency Phone Net on 3900 Kc. at 9:00 AM Sindy Mornings.

Len. Svidor-W6AUG a past member of the DVRA worked W2SXX on 40 meters in late January. He was RST-589 here in Trenton. Len. only was running 65 watts to a command transmitter. He likes Los Angeles very much & will attend Los Angeles City College next September. He wants to be an Electric Shop teacher. Anyone who would like a sked with Len. can hear him on 7050 Kc about midnight. He is now running a "California Kilowatt" again. What causes those 304 TL's in push-pull parallel to blush so Len.?







Ladies Auxiliary of the D.V.R.A.

Officers

President	-----	Alice VanNest
Vice-Pres	-----	Pauline Raser
Secretary	-----	Florence Rebman
Treasurer	-----	Trudy Crozer

The February meeting was held at Helen Allen's. All members were present. Attendance has been excellent for the past few months and we all hope it continues that way.

The supper date has been changed from March 14th. to March 21st. The plans are now completed and everything should run smoothly. All that is needed is a 100% attendance to make it a real success.

Due to the business meeting being rather short, there was plenty of time for games. We lost out on them in January as the discussion for the supper took up most of the evening. Guesie won the "Blind Pig" again and Ethel Thornly won the door Prize. After the games, Helen served refreshments. The table looked very pretty with its Valentine decorations, the chicken salad was most delicious and so were the cookies.

Marie Whyno has left for a months vacation in Florida. Lucky girl: We hope she has an enjoyable time but we want her to get back in time for the auxiliary supper.

The March meeting will be held at Ethel Thornly's in Morrisville.

Pauline Raser

Publicity



## News and Views

Another old timer getting back on the air, and the I60 meter gang will remember him well. W2EUH---Bill Hannah plans to be on within the next month with an 813 feeding a combination vertical horizontal antenna. Bill has been off for over a year.

Henry Kammerer is now well situated in his new home and his new address is 3821 E. State St. Extension, Mercerville.

Television is taking its toll among the radio experimenters. The "Old Rockin-Chair" has become the nightly hangout for our old friend Charlie Moore. He tells me that the kit he purchased from Les Allen works fine business after the usual amount of minor headaches was experienced.

W2CFL now at the latest report, has his pair of 809's loading up to about 55 watts. His first attempt at putting the rig on the air produced about 9 watts input when he decided his Sky-wire needed some alterations. Time and some experimenting will put the watts up in the wire.

W2UAE--Don Field, will soon be warming up the antenna again after two years absence from the active ham ranks. A new VFO with an 807 will give him the start.

Our own reknowned chef--Doc Thornley, reports that all of twenty-seven states have been logged in an attempt to be top men in our H.A.S. contest. Doc is also hoping to have more competition than he encountered last year. Here's a chance for the hams-to-be to display their ability at twirling the knobs.

Dave "NAB" - W2SMP, reports that he was an observer at a recent attempt night of Feb.27; to produce a 420 mc path between the homes of Ed Creeden and Les Allen. It seems the path was only open one way so half success was enjoyed. Better luck next time Ed and Les!

Dave will be absent from the local scene for a short while since he is going to spend a few days at the Veterns Hospital, Bronx, N.Y. Good chance to pick up a few new addresses. Quick recovery Dave.

Bob Crozer is plugging away as permanent party at the National Guard, Fort Dix. He is also spending some time as radio instructor for various Guard units.

### "WAS Contest"

All prizes to be awarded to winners of D.V.R.A.'s WAS contest are in the form of credit certificates which will be honored at Allen&Hurley's Radio Parts Store.

For OPS - 1st prize \$10.00    2nd \$ 5.00    3rd \$ 5.00

For SWL's 1st prize \$10.00    2nd \$ 5.00

Come and get em!



## How and When

Another old story going back on the air, and the 1st radio show will remember his well. When Bill Brown plans to be on with the next show with his first radio show, the 1st radio show, Bill has been off for over a year.

Henry Hargrove is now well situated in his new home and his new address is 1011 E. Street, N.E., Washington, D.C.

Television is taking the toll among the radio experimenters. The "Old Radio Show" has become the radio program for our old friends. Charlie Brown, the radio host, has been replaced by the new show. The broadcast of the radio program of minor broadcast was experienced.

WENT, now as the radio show, has the air of 1937's leading up to about 1937. The first attempt at giving the radio show the air produced about 1937's radio show. The radio show was produced about 1937's radio show. The radio show was produced about 1937's radio show. The radio show was produced about 1937's radio show.

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Bob Brown is planning to be on the radio show. The radio show is now in the air. The radio show is now in the air. The radio show is now in the air. The radio show is now in the air. The radio show is now in the air. The radio show is now in the air. The radio show is now in the air. The radio show is now in the air. The radio show is now in the air. The radio show is now in the air.

## What's New

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How and When



"CROSS TALK"--BY--W2ZI

Congrats to "B" Wentzel, W2HX, who recently received his 1st. Class Radiotelephone ticket from the FCC. "B" has been doing some exceptional IO meter work of late, having kept in radio contact with several ships in the Mediterranean Sea over a period of many months, with excellent sigs both ways.

We hear that Barney Bonczek, W2QVD is getting out nicely on 75 phone these days. Hope to work you soon OM.

Al, W2XSK has been doing a nice job handling the NCS job for the "Swing Shift Net" lately on 7280 kc. If you fellers wanna hear a "hot net" just take a listen sometime on their 12.30 PM skeds.

Eddie Denzler, W2WKY recently graduated from the Philadelphia Wireless School, and is now working for RCA Service Corp. in Trenton. He also took his 2nd. Class Radiotelephone exam and passed with flying colors. Eddie will be back with the good old DVRA Nest meeting.

Pierre, W2JAG is packing a wallop on 75 phone with his 400 watts, but sez the TVI problem is kinda bad as he has one neighbors antenna about 10 ft, away which is sure kinda rugged.

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WALTERS' LIFE - 1940

Walters to the West, and recently received his last class. He has been doing some engineering work in the West, and is now in contact with several other people in the West, and is now in contact with several other people in the West.

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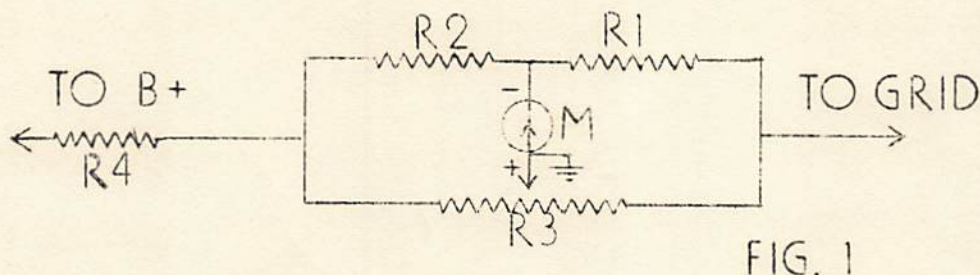
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### METERING FOR GRID DIP METERS

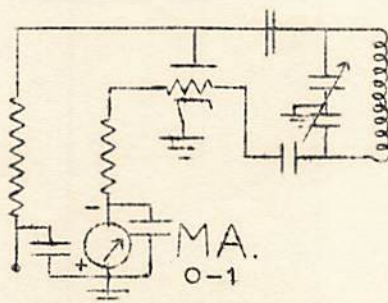
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Figure 1 shows the circuit diagram. Basically it is an unbalanced bridge with a negative voltage applied to one side and a positive voltage applied to the other side.



The potentiometer serves to balance or unbalance the bridge.

The common meter connection in grid dip meters is shown in Figure 2 and indicates grid current directly.



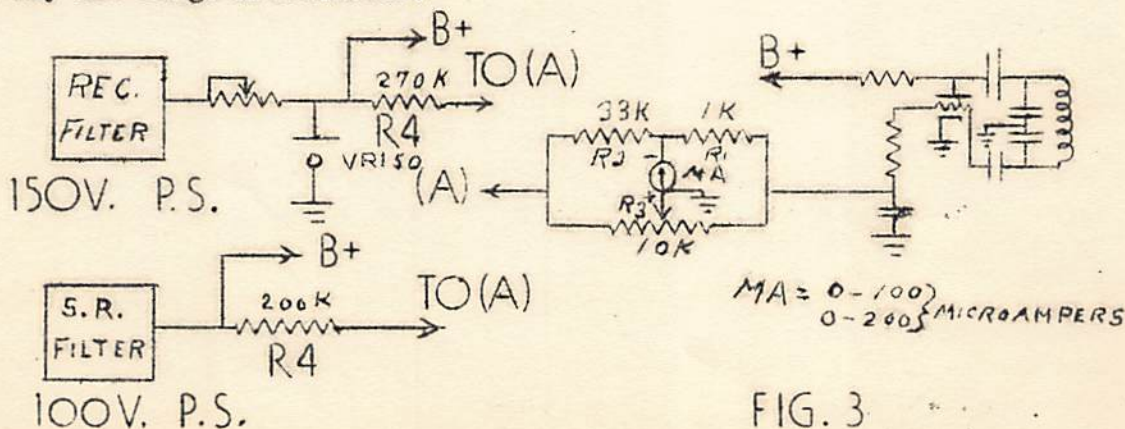
A 1 milliamperemeter must be used because the normal flow of grid current is between .4 and .5 milliamperes. Even with the plate voltage turned off but the filament on, the current produced by the electron flow from the heated cathode to the grid is in the vicinity of about .15 milliamperes. From this you can see that a microammeter with a full scale reading of 100 or 200 microamperes could not be used.



Returning to Figure I we can now see how we can use a microammeter in our grid dip meter without having the needle off scale.

As stated above, a negative voltage is applied to one side of the bridge. This negative voltage is produced by the grid current flow. The positive voltage applied to the other side of the bridge is secured from the power supply and is limited by resistor R4. Now if the arm of R3 is moved to the positive end of the network, we are shorting out the positive voltage to ground through R4 and the meter will be deflected off full scale in a positive direction by the action of the negative voltage. If R3 is moved to the negative end of the network, shorting the negative voltage to ground, the meter will be deflected off scale in a negative direction. By moving the arm of R3 to some position between these extremes, the meter can be brought to zero. For our use, however, the meter needle can be brought to about midscale or a little more and kept there, by slight adjustments of R3 to compensate for variations in grid current while the grid dip meter is in use.

Figure 3 shows how this circuit can be applied in practice and gives the resistor values. The positive voltage limiting resistor R4 may have to be adjusted slightly. Two values are given, one for a 150 volt power supply, the other for a 100 volt power supply. The meter can be any low range microammeter.





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Don't forget the annual election of officers at the March meeting. Support your club and come out and vote for the new officers for 1950.

### "1950 Old Timer Nite"

Hey Fellas, the D.V.R.A. will put on its 6th annual "Old Timers Nite" on Saturday Evening April 15, 1950. The banquet will be served promptly at 6:30 Pm and the affair will be held in the Terrace Room of the Hotel Stacy-Trent, West State and Willow Streets in downtown Trent. Guest speakers will include many prominent old timers famous in the field of wireless and allied branches of the art. There will be the Grand OM award to the old timer whose experiences date back the farthest. Also a prize for the oldest commercial or amateur licenses presented to the judges committee, one for the radio club with the most number of members present and lots more for the lucky ticket holders and a grand door prize. As in the past affairs ZI's collection of old time radio gear will be on display. Reservations must be made before April 7, 1950. \$5:00 per person. Write or see Ed Raser, W2ZI, Chairman 1950. Old Timer Nite, 315 Beechwood Ave. Trenton, N.J. Tickets will be on sale at the door for \$6:00 for the latecomers. As in the past the party will be stag. Lets get the affair rolling by plugging it whenever you get the chance.

Anybuddy tuneing in on the "Voice of America" broadcasts on Sundays at 2:15 to 2:30 PM on 9 mc. band? These are very interesting indeed and are 100% ARRL sponsored. These broadcasts are to acquaint the public of what the radio amateur is doing all over the world, as a public service.

What has become of Ronnie Schwendt, W2ZEW on 75 phone. We heard him report into N.J. 75 Meter Emergency Net few weeks ago, but narry a sound from him ever since. His Dad W2ZNO has a nice converted 522 working on 2 meters and sure gets out in fine shape.

Lets all do our part to make the DVRA NEWS a success and add to the morale of Dick and Harold, who have worked so hard to keep the ole' sheet a going. Don't forget to send in your news items on a penny post card or see to it that one of our newly appointed reporters gets the dope. 73/Ed







Sell-Swap or Buy

For Sale-- 35 foot tower constructed of three 20 foot lengths of 2by4 lumber. Solid copper guy wires and supporting concrete blocks included.

Carl Dannerth W3LH Yardley, Pa. Phone 75-2208

For Sale-- BC-455 Receiver 3to 6.I MC completely converted with mounting base and tuning Knob.  
BC-454 3-.6mc. in single section rack. Converted but needs power supply.

Ken Zimmerman W2CFL--305 Ardmore Ave. Phone 3-0629

For Sale-- Thordarson T-19C42 Smoothing Choke--I2 Henries @ 200 D.C.M.A.

Thordarson T-79F84 Multiple Secondary Filament Transformer

Secondary # 1- 2.5 Volts Center Tapped @ 3.5 Amps.

Secondary # 2- 5.0 Volts Center Tapped @ 3.0 Amps.

Secondary # 3- 6.3 Volts Center Tapped @ 3.0 Amps.

R.M.S. Test Volts --- I600

Sid. L. Deitz, 130 Factory Street Phone: 2-7598

For Sale -- 2 Navy GC-9 transmitters (Hi Freq) Continuous Coverage from 3 to 18 Mcs. Very stable VFO. Complete with tubes but minus power supply. Make offer or come and inspect them.

W2DMA Box 126 Rocky Hill, N.J. or contact W2STU 2-7905

For Sale-- Seven tube single signal superhet built from hand book with complete set of coils for all bands I60-10 and power supply. Contact Don Field

\* \* \* \* \*

The Delaware Valley Radio Association will run a column of free ads each month in the interest of promoting the sales of any surplus or extra equipment that you may have. Ads may be placed by contacting Les Allen or by calling either W2STU or W2UPS prior to the first of the month.

\* \* \* \* \*





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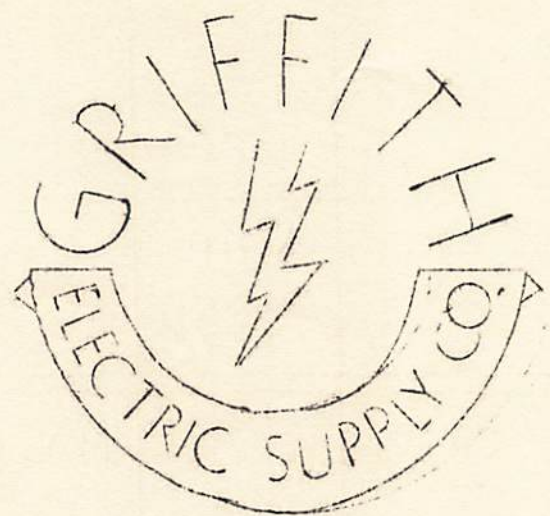
STANCOR  
TAYLOR  
PILOT

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KENRAD  
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RAYTHEON  
TURNER  
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PHONE  
9191

RADIO  
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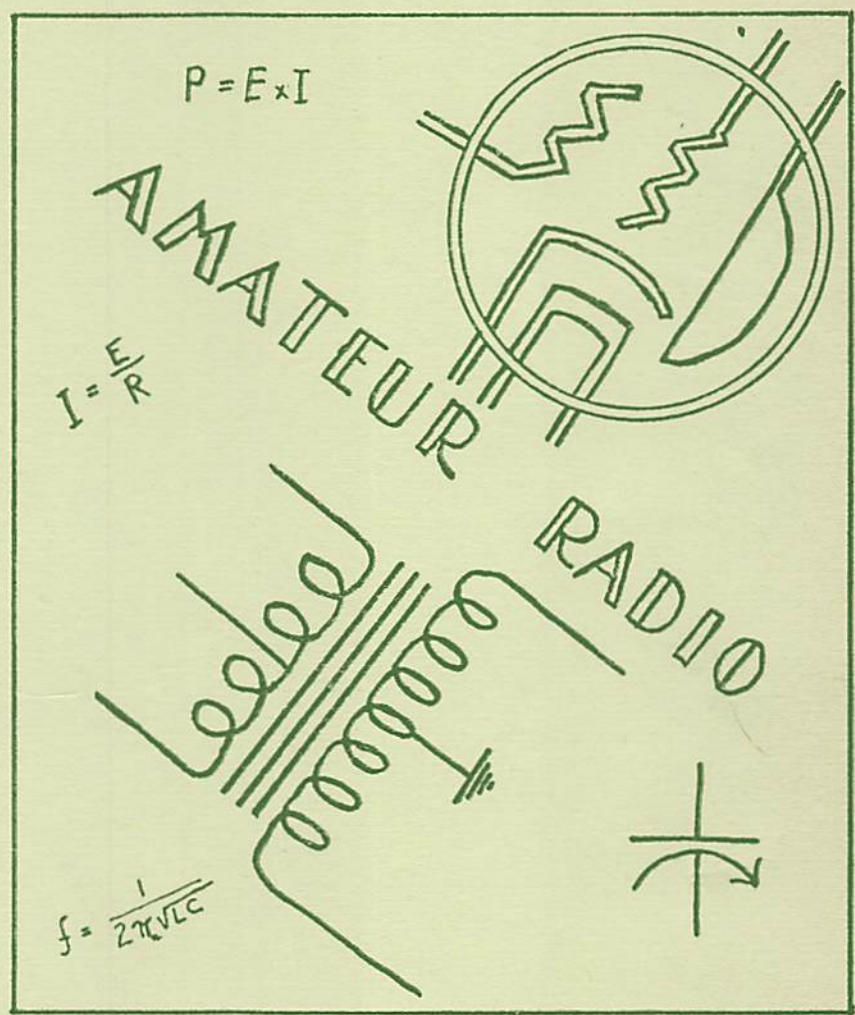


3/50

# DVRA



W 2 Z Q



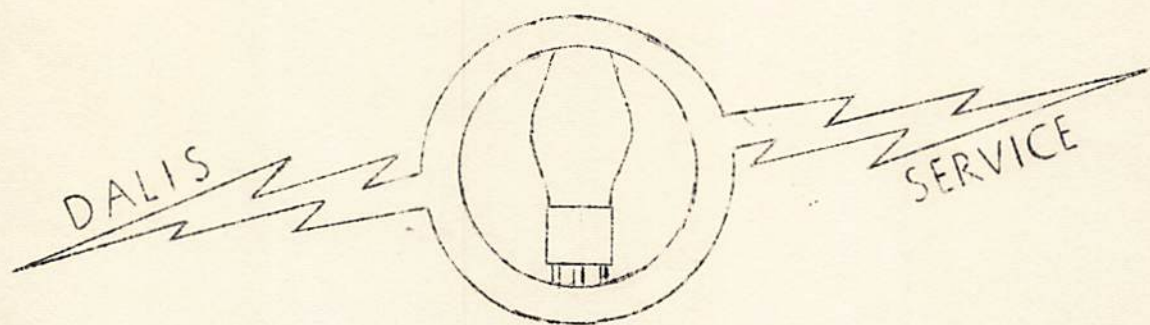
# NEWS

Official Publication of  
*Delaware Valley Radio Association, Inc.*  
Trenton, New Jersey



# H. L. DALIS INC.

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## EDITORIAL

With several good possibilities for a club house and ground in view, there will probably be considerable discussion on this subject. Many of the members will no doubt pop the question "This has happened so many times before and there was just a lot of talk and nothing done about it. Is it going to be the same way now?" well, we are not going to try to answer that question, but would like to go back a ways in the club history and present a few facts. At the August 5 meeting back in 1931 just three meetings after the club organized, a club house was proposed and two months later the D.V.R.A. had a club house of it's own in a school house at Moon's Nursery in Penna. They rented this house until the Dec. 6th meeting, at which it was voted to move to the II2 field artillery. The Next club house was located at the Trenton Yacht Club on Lamberton Street, and was secured after a vote at the Jan. 31 meeting in 1940. This location was left following the outbreak of the war due to loss of members to the armed forces and FCC's regs keeping Amateur stations off the ether. Although neither of these club houses were owned by the D.V.R.A. they apparently functioned very nicely and with W3AQ on the air, the minutes showed that there was a large number of members on the roster and that a majority of these members were present at the meetings. Whether or not anything definite will be accomplished when the club house matter is brought up, we cannot say, but after reading the club's minutes in their entirety we can truthfully state that a club house is definitely an important factor in keeping a club active and working smoothly. So if the organization decides to build, buy or rent a club house we are 100% with them.



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MEMORANDUM

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## News and Views

Doc. Deisel-W2WCA is still boasting about his two meter DX which is Nova Scotia. What rig were you using? Not that diathermy machine again.

Sid. Deitz has a BC-348 receiver & is busy listening to the DX. He tells us that I60 Meters is really hot these days. Virgin Islands & Great Britain have been heard. The English stations are only permitted to run 10 watts input on I60 Meters. They can be heard on or about 1790 Kc.

Locals on I60 are W2IJC, W2CFL, W2WGH/2, W2QVD, and others are expected on very soon. There is the "Crack-pot" Net whose members are W3OXD-Willow Grove, W3IU-Frankford, W3VDX-Newtown, W3PTM-Tamagua, & a few 2nd district stations.

Johnny Piechowske-W2USE is still at Fort Sill, Oklahoma. He can be heard working his brother Joe-W3FNL on 29Kc. Johnny's call out there is W5FOM. Anyone interested in his address, can obtain it from Sid. Deitz or Al. W2SXX.

Walt Ozmon-W2WGH, Sid. Deitz, & Ken. Zimmerman W2CFL have been experimenting with antennas for I60 Meters. Did anyone see that kite that Sid. Deitz lost in the strong wind Sat. February 25th.?

A new member in the club is Ken. Zimmerman W2CFL. He has a nice shack in the basement of his home on 305 Ardmore Ave. He uses Command Transmitters on 80 & 40 Meters. On tem he runs 85 watts to a pair of 809's in push-pull. He runs 9 watts to the pair of 809's on I60 meters. The clothes-line doesn't load up to well on this band. Hi! Hi!

Wally Heller-W2BFX was on 40 Meters with a BC-459 Command Transmitter running about 20 watts. He was also using a command receiver for that band. His Broding "9" isn't too hot on forty. He is now working for Harrison Radio, in New York; so we may hear him on from that city.

Les Allen-W2QOK & Ed. Creeden W2YFT are getting ready to go on 420 Megacycles. You two fellows should contact Carl Dannerth W3LH who was heard by his wife at home while the OB had a rig out in his car six miles away. W3LH had been using a radar transmitter on that band.

Has anyone heard about the proposed special N.J. auto license plates to be issued to hams. There has been quite a bit of talk about it on the 75 Meter Emergency Phone Net on 3900 Kc. at 9:00 AM Sindy Mornings.

Len. Svidor-W6AUG a past member of the DVRA worked W2SXX on 40 meters in late January. He was RST-589 here in Trenton. Len. only was running 65 watts to a command transmitter. He likes Los Angeles very much & will attend Los Angeles City College next September. He wants to be an Electric Shop teacher. Anyone who would like a sked with Len. can hear him on 7050 Kc about midnight. He is now running a "California Kilowatt" again. What causes those 304 TL's in push-pull parallel to blush so Len.?







Ladies Auxiliary of the D.V.R.A.

Officers

President ----- Alice VanNest  
Vice-Pres ----- Pauline Raser  
Secretary ----- Florence Rebman  
Treasurer ----- Trudy Crozer

The February meeting was held at Helen Allen's. All members were present. Attendance has been excellent for the past few months and we all hope it continues that way.

The supper date has been changed from March 14th. to March 21st. The plans are now completed and everything should run smoothly. All that is needed is a 100% attendance to make it a real success.

Due to the business meeting being rather short, there was plenty of time for games. We lost out on them in January as the discussion for the supper took up most of the evening. Guesie won the "Blind Pig" again and Ethel Thornly won the door Prize. After the games, Helen served refreshments. The table looked very pretty with its Valentine decorations, the chicken salad was most delicious and so were the cookies.

Marie Whyno has left for a months vacation in Florida. Lucky girl: We hope she has an enjoyable time but we want her to get back in time for the auxiliary supper.

The March meeting will be held at Ethel Thornly's in Morrisville.

Pauline Raser

Publicity



## News and Views

Another old timer getting back on the air, and the I60 meter gang will remember him well. W2EUH--Bill Hannah plans to be on within the next month with an 813 feeding a combination vertical horizontal antenna. Bill has been off for over a year.

Henry Kammerer is now well situated in his new home and his new address is 382I E. State St. Extension, Mercerville.

Television is taking its toll among the radio experimenters. The "Old Rockin-Chair" has become the nightly hangout for our old friend Charlie Moore. He tells me that the kit he purchased from Les Allen works fine business after the usual amount of minor headaches was experienced.

W2CFL now at the latest report, has his pair of 809's loading up to about 55 watts. His first attempt at putting the rig on the air produced about 9 watts input when he decided his Sky-wire needed some alterations. Time and some experimenting will put the watts up in the wire.

W2UAE--Don Field, will soon be warming up the antenna again after two years absence from the active ham ranks. A new VFO with an 807 will give him the start.

Our own reknowned chef--Doc Thornley, reports that all of twenty-seven states have been logged in an attempt to be top men in our H.A.S. contest. Doc is also hoping to have more competition than he encountered last year. Here's a chance for the hams-to-be to display their ability at twirling the knobs.

Dave "NAB" - W2SMP, reports that he was an observer at a recent attempt night of Feb.27, to produce a 420 mc path between the homes of Ed Creeden and Les Allen. It seems the path was only open one way so half success was enjoyed. Better luck next time Ed and Les.

Dave will be absent from the local scene for a short while since he is going to spend a few days at the Veterans Hospital, Bronx, N.Y. Good chance to pick up a few new addresses. Quick recovery Dave.

Bob Crozer is plugging away as permanent party at the National Guard, Fort Dix. He is also spending some time as radio instructor for various Guard units.

### "WAS Contest"

All prizes to be awarded to winners of D.V.R.A.'s WAS contest are in the form of credit certificates which will be honored at Allen&Hurley's Radio Parts Store.

For OPS - 1st prize \$10.00 2nd \$ 5.00 3rd \$ 5.00

For SWL's 1st prize \$10.00 2nd \$ 5.00

Come and get em!



"CROSS TALK"--BY--W2ZI

Congrats to "B" Wentzel, W2HX, who recently received his 1st. Class Radiotelephone ticket from the FCC. "B" has been doing some exceptional 10 meter work of late, having kept in radio contact with several ships in the Mediterranean Sea over a period of many months, with excellent sigs both ways.

We hear that Barney Bonczek, W2QVD is getting out nicely on 75 phone these days. Hope to work you soon OM.

Al, W2XSK has been doing a nice job handling the NCS job for the "Swing Shift Net" lately on 7280 kc. If you fellers wanna hear a "hot net" just take a listen sometime on their 12.30 PM skeds.

Eddie Denzler, W2WKY recently graduated from the Philadelphia Wireless School, and is now working for RCA Service Corp. in Trenton. He also took his 2nd. Class Radiotelephone exam and passed with flying colors. Eddie will be back with the good old DVRA Nest meeting.

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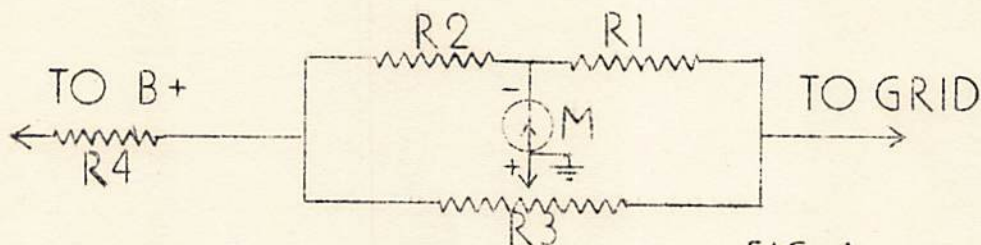


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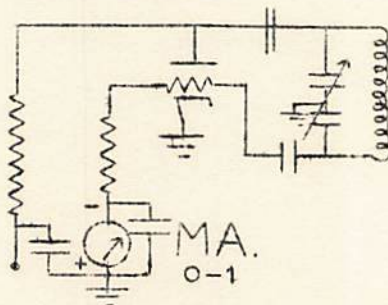


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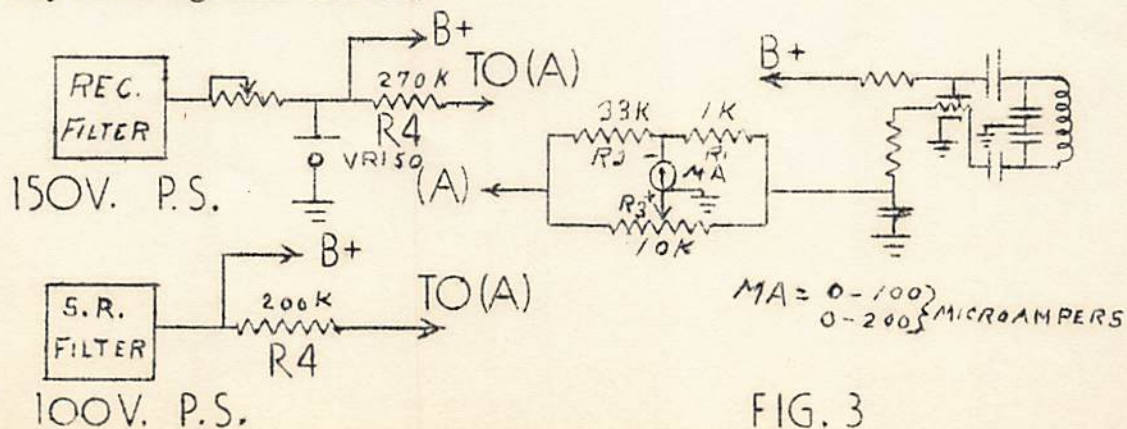


FIG. 3







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Don't forget the annual election of officers at the March meeting. Support your club and come out and vote for the new officers for 1950.

### "1950 Old Timer Nite"

Hey Fellas, the D.V.R.A. will put on its 6th annual "Old Timers Nite" on Saturday Evening April 15, 1950. The banquet will be served promptly at 6:30 Pm and the affair will be held in the Terrace Room of the Hotel Stacy-Trent, West State and Willow Streets in downtown Trent. Guest speakers will include many prominent old timers famous in the field of wireless and allied branches of the art. There will be the Grand CM award to the old timer whose experiences date back the farthest. Also a prize for the oldest commercial or amateur licenses presented to the judges committee, one for the radio club with the most number of members present and lots more for the lucky ticket holders and a grand door prize. As in the past affairs ZI's collection of old time radio gear will be on display. Reservations must be made before April 7, 1950. \$5:00 per person. Write or see Ed Raser, W2ZI, Chairman 1950. Old Timer Nite, 315 Beechwood Ave. Trenton, N.J. Tickets will be on sale at the door for \$6:00 for the latecomers. As in the past the party will be stag. Lets get the affair rolling by plugging it whenever you get the chance.

Anybuddy tuneing in on the "Voice of America" broadcasts on Sundays at 2:15 to 2:30 PM on 9 mc. band? These are very interesting indeed and are 100% ARRL sponsored. These broadcasts are to acquaint the public of what the radio amateur is doing all over the world, as a public service.

What has become of Ronnie Schwendt, W2ZEW on 75 phone. We heard him report into N.J. 75 Meter Emergency Net few weeks ago, but narry a sound from him ever since. His Dad W2ZNO has a nice converted 522 working on 2 meters and sure gets out in fine shape.

Lets all do our part to make the DVRA NEWS a success and add to the morale of Dick and Harold, who have worked so hard to keep the ole' sheet a going. Don't forget to send in your news items on a penny post card or see to it that one of our newly appointed reporters gets the dope.73/Ed



Sell-Swap or Buy

For Sale-- 35 foot tower constructed of three 20 foot lengths of 2by4 lumber. Solid copper guy wires and supporting concrete blocks included.

Carl Dannorth W3LH Yardley, Pa. Phone 75-2208

For Sale-- BC-455 Receiver 3to 6.I MC completely converted with mounting base and tuning Knob.  
BC-454 3-6mc. in single section rack. Converted but needs power supply.

Ken Zimmerman W2CFL--305 Ardmore Ave. Phone 3-0629

For Sale-- Thordarson T-19C42 Smoothing Choke--I2 Henries @ 200 D.C.M.A.

Thordarson T-79F84 Multiple Secondary Filament Transformer

Secondary # 1- 2.5 Volts Center Tapped @ 3.5 Amps.

Secondary # 2- 5.0 Volts Center Tapped @ 3.0 Amps.

Secondary # 3- 6.3 Volts Center Tapped @ 3.0 Amps.

R.M.S. Test Volts --- I600

Sid. L. Deitz, 130 Factory Street Phone: 2-7598

For Sale -- 2 Navy GC-9 transmitters (Hi Freq) Continuous Coverage from 3 to 18 Mcs. Very stable VFO. Complete with tubes but minus power supply. Make offer or come and inspect them.

W2DMA Box 126 Rocky Hill, N.J. or contact W2STU 2-7905

For Sale-- Seven tube single signal superhet buile from hand book with complete set of coils for all bands I60-10 and power supply. Contact Don Field

\* \* \* \* \*

The Delaware Valley Radio Association will run a column of free adds each month in the interest of promoting the sales of any surplus or extra equipment that you may have. Adds may be placed by contacting Les Allen or by calling either W2STU or W2UPS prior to the first of the month.

\* \* \* \* \*









# AMERICAN

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TRENTON N.J.  
PHONE 29183

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WE SELL ALL THE BEST BRANDS

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TRENTON, N.J.



4/52

# DVRA



W2ZQ



# NEWS

Official Publication of  
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Ed Lemke, WN2LYY, we hear also ventured to Philly for the big jump to have the "N" removed from his call. Hope all turns out ok, Ed.

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Anyone trying to improve their code speed should take advantage of the code practice transmissions offered by WLAW. See latest copy of QST for times and frequencies.

\* \* \* \* \*

While on the code subject, listening in on a good traffic net will improve your speed and commercial stations make good practice. It must be kept in mind however, that third party traffic is intended for the person to whom addressed and contents not to be divulged.



# DVRA NEWS

## TRENTON CIVIL DEFENSE NEWS

In accordance with the wishes of the Civil Defense Council, a division of amateur communications, has been set up known as Trenton Civilian Defense Amateur Radio Communications.

Through the efforts of the Delaware Valley Radio Association, a code class has been set up and started in order to encourage new amateurs, prepare them for a license, with the ultimate aim of enlisting their help in Civil Defense. This class is held every Monday evening at Civilian Defense Headquarters, 23 West Hanover St., Trenton, at 7:30 P.M. All applicants may call there and get additional information.

In connection with Civil Defense a complete network of communications is in the making, uniting all the various departments which might be called upon in the event of an emergency.

The 10 meter mobile units have been organized and can be seen and heard on Friday nights at 8:00 P.M. holding a regular drill. The following are taking an active part in these drills: Dr. Richard R. Lamb, W2GSG; Dick Henrie, W2UPS; Larry Lloyd, W2DOX; Harry Ide, W2DZU; Chick Anderson, W2RYB; Walt Reikosky, W2GYW; Arthur Krey, W2EFH; Dick Walsh, W2IEQ; Bill Malloch, W2ZJD; Sid Dietz, W2FDE; John Ferrara, W2FPT; Henry Kroupa, W2AND.

The following men are active in amateur communications in other capacities: John Power, W2OKE; Charles Moore, W2HCR; John Calapos; Jim Taliferro, W2N2MOS; and Lou Vasta.

We are expecting several more amateurs to join both the ranks of the mobile and the group required at Civilian Defense Headquarters.

We propose to reveal in future issues of the NEWS the more intricate plans and workings of this particular unit.

Richard R. Lamb, W2GSG, Supervisor  
Amateur Radio Communications  
Trenton Civilian Defense

\*\*\*\*\*

Seen the nice new code certificates being given out to those who complete the CD course given by the club? They look pretty snazzy and make a nice item to frame and hang on the shack wall.

\*\*\*\*\*

We are looking for one of you mobile boys to send us a writeup each month on the wheeled doings around Trenton and vicinity. We'll call it "GAS FUMES" and devote you a whole page if you send in enough copy to fill it.



# DYRA NEWS

Received a nice letter from Ed Washburn, W2RG, from down Merchantville way. Ed is the NCS of the 80 meter cw CD net for New Jersey. Ed says in part "Held test last Tuesday, March 25 to see how much of N. J. could be covered by our 80 cw net colperating with 10 and 2 meters. As of Sunday morning, March 30, Lloyd Manamon said that he had received 98 acknowledgements of the test message and they were still coming in.

"Bergen County did a wonderful job on ten meters, and the Camden and Gloucester County two meter nets did a swell job with mobile, fixed and teletype equipment. The test sure did cover the state, even s preading into Pennsylvania, Maryland and Delaware.

"Also wish to acknowledge the fine work of W2UCV, Lloyd Gainey and W2PAU, E. M. Brown. Lloyd had his portable rig set up here in my shack, while Brownie served as NCS for all 2 meter activity after he received the test message from W2UCV. Without a doubt many others d eserve special mention, such as W2FLW in Pitman who took the message on 80 cw and sent it out on his 2 meter station. Also W2VX, Charlie Jenkins, started a message from his shack and sent it through W2FLW to me and thence to W2WSN who phoned it to Manamon within a very few minutes. More information will be forthcoming, when all the reports and results are in and tabulated."

For our readers information, the NJ 80 meter CD net operates on a frequency of 3505.5 kc. and meets each Tuesday evening at 7:30 P.M. Any of you c w boys desiring to participate in this net can get all the dope from Ed Washburn, W2RG, 6748 Rogers Ave., Merchantville.

\* \* \* \* \*

How you will bear with us on the first issue of the news after its absence. Have been using up all the old stencils we had on hand. You can no doubt notice the d ifference in some of the pages between the new and old stencils. Also the mimeograph is getting a little old. Have heard it said that our machine was originally used for printing election circulars for Lincoln when he ran for president. But if the baling wire and scotch tape hold out, we'll get the news out every month.

\* \* \* \* \*

If any of our members have a construction or building problem, get in touch with Bob Reikosky, W2LLA. We understand Bob has a pretty complete shop and would be glad to help some of the boys out with their chasis and panel machining.

\* \* \* \* \*

W2HAZ is also patiently waiting the mail deliveries. With 99 countries confirmed and 12 still outstanding. One more card for DXCC.



# DVRA NEWS

SELL: Assorted crystals. BC-645 420 mc. Navy GF-12 transmitter. 1000 volt power supply. 6-600 volt dynamotor. 300 volt vibrator supply. 28 volt, 15 amp. power supply. Modulation transformer. Neon sign transformer. Crystal mike. RCA 300 watt power transformer. Assorted filter chokes, high voltage condensers, relays, tubes, meters.

Ed G. Raser, W2ZI, 315 Beechwood Ave., Trenton.

SELL: Assorted variable transmitting condensers, single and dual section, single and double spaced. Single button mike transformer, driver and output transformer for Class B modulator, 50 watts. Millen ECO, output 3500 to 3650 and 7000 to 7300 kc. Plugs into present crystal socket. Excellent condition.

Bill Petty, W2HAZ, 777 Chambers St., Trenton.

WANTED : Heavy duty voltage regulator for mobile work. 6 volts about 40 amps.

Sid Dietz, W2FDE, 130 Factory St., Trenton.

Notices in the swap column will be published for members free of charge. For rates concerning non-members, see Doc Lamb, W2GSG.

I desire to obtain more information about the Delaware Valley Radio Association and the advantages of membership. Please send me an application blank.

NAME \_\_\_\_\_ CALL \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

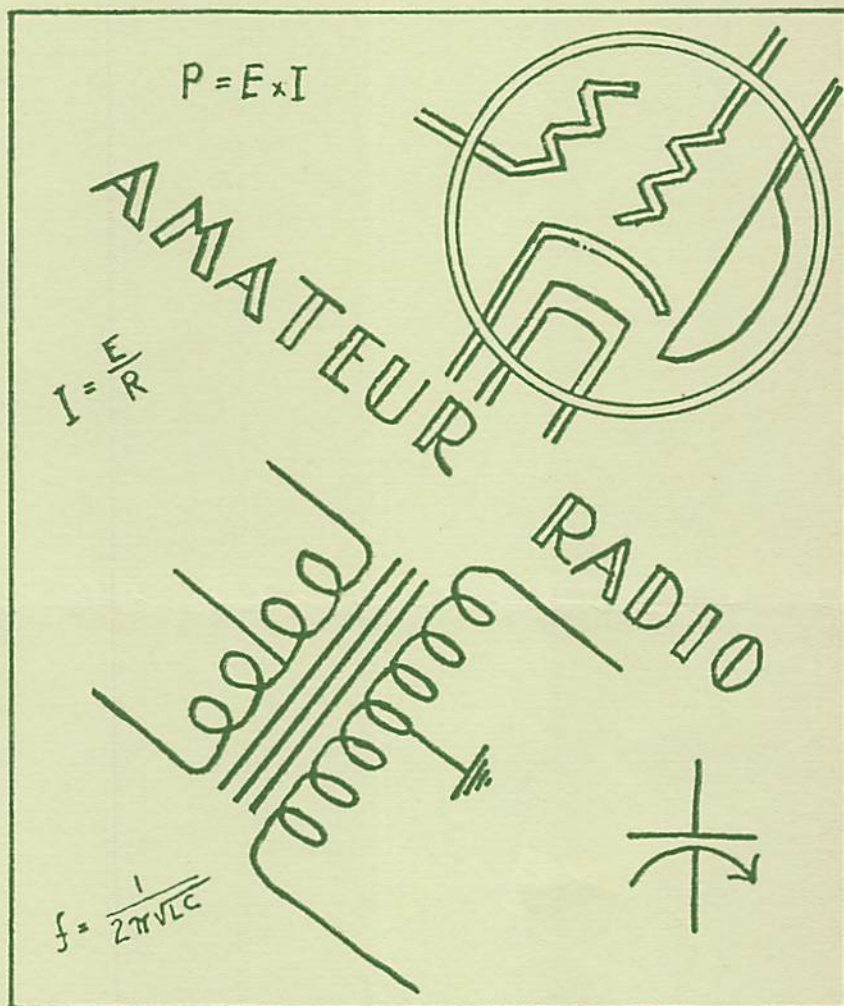
Fillin and mail to Ed G. Raser, Secretary DVRA, W2ZI, 315 Beechwood Ave., Trenton, New Jersey.



# DVRA



W2ZQ



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Anyone trying to improve their code speed should take advantage of the code practice transmissions offered by W1AW. See latest copy of QST for times and frequencies.

\* \* \* \* \*

While on the code subject, listening in on a good traffic net will improve your speed and commercial stations make good practice. It must be kept in mind however, that third party traffic is intended for the person to whom addressed and contents not to be divulged.



# DYRA NEWS

## TRENTON CIVIL DEFENSE NEWS

In accordance with the wishes of the Civil Defense Council, a division of amateur communications, has been set up known as Trenton Civilian Defense Amateur Radio Communications.

Through the efforts of the Delaware Valley Radio Association, a code class has been set up and started in order to encourage new amateurs, prepare them for a license, with the ultimate aim of enlisting their help in Civil Defense. This class is held every Monday evening at Civilian Defense Headquarters, 23 West Hanover St., Trenton, at 7:30 P.M. All applicants may call there and get additional information.

In connection with Civil Defense a complete network of communications is in the making, uniting all the various departments which might be called upon in the event of an emergency.

The 10 meter mobile units have been organized and can be seen and heard on Friday nights at 8:00 P.M. holding a regular drill. The following are taking an active part in these drills: Dr. Richard R. Lamb, W2GSG; Dick Henrie, W2UPS; Larry Lloyd, W2DOX; Harry Ide, W2DZU; Chick Anderson, W2RYB; Walt Reikosky, W2GYW; Arthur Krey, W2EFH; Dick Walsh, W2IEQ; Bill Malloch, W2ZJD; Sid Dietz, W2FDE; John Ferrara, W2FPT; Henry Kroupa, W2AND.

The following men are active in amateur communications in other capacities: John Power, W2OKE; Charles Moore, W2HCR; John Calapos; Jim Taliferro, W2MOS; and Lou Vasta.

We are expecting several more amateurs to join both the ranks of the mobile and the group required at Civilian Defense Headquarters.

We propose to reveal in future issues of the NEWS the more intricate plans and workings of this particular unit.

Richard R. Lamb, W2GSG, Supervisor  
Amateur Radio Communications  
Trenton Civilian Defense

\*\*\*\*\*

Seen the nice new code certificates being given out to those who complete the CD course given by the club? They look pretty snazzy and make a nice item to frame and hang on the shack wall.

\*\*\*\*\*

We are looking for one of you mobile boys to send us a writeup each month on the wheeled doings around Trenton and vicinity. We'll call it "GAS FUMES" and devote you a whole page if you send in enough copy to fill it.



# DYRA NEWS

Received a nice letter from Ed Washburn, W2RG, from down Merchantville way. Ed is the NCS of the 80 meter cw CD net for New Jersey. Ed says in part "Held test last Tuesday, March 25 to see how much of N. J. could be covered by our 80 cw net cooperating with 10 and 2 meters. As of Sunday morning, March 30, Lloyd Manamon said that he had received 98 acknowledgements of the test message and they were still coming in.

"Bergen County did a wonderful job on ten meters, and the Camden and Gloucester County two meter nets did a swell job with mobile, fixed and teletype equipment. The test sure did cover the state, even spreading into Pennsylvania, Maryland and Delaware.

"Also wish to acknowledge the fine work of W2UCV, Lloyd Gainey and W2PAU, E. M. Brown. Lloyd had his portable rig set up here in my shack, while Brownie served as NCS for all 2 meter activity after he received the test message from W2UCV. Without a doubt many others deserve special mention, such as W2FLW in Pitman who took the message on 80 cw and sent it out on his 2 meter station. Also W2VX, Charlie Jenkins, started a message from his shack and sent it through W2FLW to me and thence to W2WSN who phoned it to Manamon within a very few minutes. More information will be forthcoming, when all the reports and results are in and tabulated."

For our readers information, the NJ 80 meter CD net operates on a frequency of 3505.5 kc. and meets each Tuesday evening at 7:30 P.M. Any of you cw boys desiring to participate in this net can get all the dope from Ed Washburn, W2RG, 6748 Rogers Ave., Merchantville.

\*\*\*\*\*

How you will bear with us on the first issue of the news after its absence. Have been using up all the old stencils we had on hand. You can no doubt notice the difference in some of the pages between the new and old stencils. Also the mimeograph is getting a little old. Have heard it said that our machine was originally used for printing election circulars for Lincoln when he ran for president. But if the baling wire and scotch tape hold out, we'll get the news out every month.

\*\*\*\*\*

If any of our members have a construction or building problem, get in touch with Bob Reikosky, W2LLA. We understand Bob has a pretty complete shop and would be glad to help some of the boys out with their chassis and panel machining.

\*\*\*\*\*

W2HAZ is also patiently waiting the mail deliveries. With 99 countries confirmed and 12 still outstanding. One more card for DXCC.



# DVRA NEWS

**SELL:** Assorted crystals. BC-645 480 mc. Navy GF-12 transmitter. 1000 volt power supply. 6-600 volt dynamotor. 300 volt vibrator supply. 28 volt, 15 amp. power supply. Modulation transformer. Neon sign transformer. Crystal mike. RCA 300 watt power transformer. Assorted filter chokes, high voltage condensers, relays, tubes, meters.

Ed G. Raser, W2ZI, 315 Beechwood Ave., Trenton.

**SELL:** Assorted variable transmitting condensers, single and dual section, single and double spaced. Single button mike transformer, driver and output transformer for Class B modulator, 50 watts. Millen ECO, output 3500 to 3650 and 7000 to 7300 kc. Plugs into present crystal socket. Excellent condition.

Bill Petty, W2HAY, 777 Chambers St., Trenton.

**WANTED :** Heavy duty voltage regulator for mobile work. 6 volts about 40 amps.

Sid Dietz, W2IDE, 180 Factory St., Trenton.

Notices in the swap column will be published for members free of charge. For rates concerning non-members, see Doc Lamb, W2GSG.

I desire to obtain more information about the Delaware Valley Radio Association and the advantages of membership. Please send me an application blank.

NAME \_\_\_\_\_ CALL \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

Fill in and mail to Ed G. Raser, Secretary DVRA, W2ZI, 315 Beechwood Ave., Trenton, New Jersey.



5/52

# DVRA



W 2 Z Q



# NEWS

Official Publication of  
*Delaware Valley Radio Association, Inc.*  
Trenton, New Jersey



## EDITORIAL

. . . FLOODS STRIKE MIDDLE WEST . . . THOUSANDS HOMELESS . . . MILLIONS IN PROPERTY DAMAGE . . . We have all read the headlines the past few weeks concerning the rampaging Missouri and Mississippi Rivers. This is the time when the weeks, months and years of emergency drills and planning are put to the real test. The planning has not been wasted, for our amateur brothers are on the job again, providing emergency communications wherever possible in the stricken area. As in the past during floods, storms and other disasters, the unsung heroes of ham radio are in there pitching.

. . . We in this particular area have never been faced with a critical disaster that lasted for any length of time, disrupting communications, etc. But let us not lax our emergency planning! Let us not say "it can't happen here," rather "it has not happened here yet."

. . . Our local Civil Defense nets are in operation and holding regular drills. More planning is needed and more operators are also needed for different bands, phone and cw. Organized network operation may seem dull to the operator when there is a lack of traffic, but attendance is very important in emergency drills. Let's get our emergency gear checked over and in operating condition. A good test will be the coming field day. Let's keep it in operating condition, ready at a moment's notice, all year 'round.

W 2 H A Z



# DYRA NEWS

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Vice-President	Donald G. Field, Sunset Ave., W.Trenton	W2UAE
Secretary	Ed G. Raser, 315 Beechwood Ave.	W2ZI
Treasurer	Charles Rebman, 72 S. Olden Ave.	

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Relations	Robert Reikosky, 195 Oaklyn Ter.	WN2IIA
Special Features	David Van Nest, 114 Concord, Mercerville	

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Circulation	Charles Moore, 139 Michigan Ave.	W2HCR

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Historian	Ed G. Raser, 315 Beechwood Ave., Trenton	W2ZI
Sergeant-at-Arms	John Kallapos, Cedar Lane	KA832

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Field Day	Donald Field, Sunset Ave., W.Trenton	W2UAE
Fellowship	John D. Diesel, 489 Chambers St.	W2WOA
Hamfest	William Hannah, 107 Newell Ave.	W2EUH
Club Property	Richard Henrie, 100 Tipton Ave.	W2UPS

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The regular monthly meetings of the Delaware Valley Radio Association are held on the second Wednesday of each month in the Chamber of Commerce Room of the Stacy-Trent Hotel, West State and Willow Sts., Trenton, N. J. The business meeting will start promptly at 8:00 P. M.



# DVRA NEWS

\* President Truman has proclaimed May 17, 1952 as Armed Forces Day. The Army, Navy and Air Force will offer a double header program for licensed amateur radio operators on this day. There will be a receiving competition sent at 25 wpm and to any operator submitting perfect copy, a certificate of merit signed by the Secretary of Defense will be awarded. Following is a schedule of the times; call signs and frequencies of the stations sending the test message.

At 8:00 P.M., EST, Station WAR will send on 14,405, 20,994 kc. Station AIR will send on 3497.5, 6997.5, 27,994 kc. Station NSS will send on 122, 4390, 9425, 12,360, 17,000 and 22,491 kc.

At midnight EST, Station AIR will send on 3497.5, 6997.5, 27,994 kc. NPG will send on 115, 9255, 12,540, 16,265 kc. WAR will send on 14,405 and 20,994 kc.

Each transmission will be preceded by a five minute CQ. All the stations are located in Washington, D.C. with the exception of NPG which is in San Francisco. (Ed note: As in past would recommend using the frequency of 3497.5 or 4390 as the signals ride in pretty good. However, if the bands are erratic as they have been recently, get an early start as you might have to check all the frequencies to get a good signal.)

Send completed copies to Armed Forces Day Contest, Room BE 1000, The Pentagon, Washington 25, D.C.

For the other part of the double-header, Stations AIR, NSS and War will be on the air between 6:00 P.M. and midnight EST, to contact amateurs. The stations will work on frequencies just outside the 3.5, 7 and 14 mc. bands. Each of the stations will QSL separately to stations contacted. Amateurs are to use amateur frequencies only for contacts with these stations.

WAR will operate on 4025 phone, 6997.5 cw and 13,947.5 cw.

AIR will operate on 3497.5 cw, 7635 cw and 14,405 phone.

NSS will operate on 4015 phone and 7375 phone.

These schedules are all Eastern Standard Time, so in these parts don't forget to add that hour for DST.

In passing, the certificate given for the receiving competition is really worth having fellows. This is the third year for Armed Forces Day and in that year 1950, we only had two amateurs in Trenton obtain it. In 1951, there was only one, and all DVRA members too. We stand to be corrected if this information is wrong.

\* \* \* \* \*

\* Well, Bud Bethke came through the general exam ok last month. He is now signing W2LZA. Congratulations OM.



# DYRA NEWS

Official Bulletin 341 from ARRL Headquarters, April 10  
ARRL invites applications for its Official Observer appointment. League members residing in any U.S. or Canadian section are eligible. The various classes of Observer appointment include categories for phone and cw checking which require only receiving equipment and individual skill. All interested amateurs are requested to write ARRL Headquarters for application blanks, a sample OO Bulletin and full information on how to qualify for Official Observer appointments.

Official Bulletin 342 from ARRL, April 17  
FCC announces that the United States, through the Department of State has concluded an agreement with the Republic of Cuba permitting exchange of traffic on behalf of third parties by amateurs of both countries and possessions. No compensation may be involved and messages must be of a type that ordinarily would not be sent via public telecommunications facilities. This action, initiated at ARRL request, add Cuba to Canada, Chile, Peru, Ecuador and Liberia, as countries with which American amateurs may handle third party traffic.

Official Bulletin 343 from ARRL April 21  
Fcc proposes amendment of amateur rules to open 75 and 20 meter voice bands to all amateurs except Novice and Technician. FCC also proposes to open 7200 and 7300 kc to voice and to open 80, 40, and 20 meter cw bands also to FSK teletype. A new band 7175 to 7200 kc is proposed for Novices, cw only. Collateral amendments are proposed concerning teletype standards and methods of identification. June QST will carry details. On all these proposals FCC gives ample opportunity for League Board consideration and recommendations at May meeting by indicating July first filing date for comment.

Official Bulletin 344 from ARRL April 29  
Effective from three AM May 1, FCC makes available the frequencies 21000 to 21450 kc for amateur use. Temporarily the only emission which will be permitted on 21 mc is A-1 telegraphy. A later rule making will take up phone or other suballocations. Amateurs are cautioned to appraise the television interference problem in their neighborhoods before making extensive use of the new band.

Official Bulletin 345 from ARRL May 2  
FCC has released proposals for the suballocation of 21 mc which would provide for 100 kc phone segments at both high and low ends of band, with a Novice band between 21.15 and 21.3 mc. Type F-1 emission would be permitted in the band 21.1 to 21.35 mc, with cw allowed in the entire 21 mc. band. FCC at the same time proposes to do away with the 11 meter Novice assignment.

\* \* \* \* \*

Our mobile column is getting into full swing fellows and will start being a regular feature each month beginning next month. Send all contributions to Dick Henrie, W2UPS.



# DVRA NEWS

\* Anyone got any information in eliminating or reducing interference on the forty and eighty meter bands from regeneration by nearby TV receivers? Several suggestions appeared recently in CST by tackling the problem from the TV set. How about something that can be installed in the short wave receiver. Here at W2HAZ a rough S9 note appears every 8 kc of the 80 meter band, several of these notes appear and are broad and overlap covering the entire band. Reception and CSO with strong signals is difficult and handling traffic is just about impossible on a signal below S7. Incidentally, the regeneration starts about 6:45 in the morning and still going strong at 1:00 the next morning.

\* \* \* \* \*

\* While on the subject of TV, the rotary spark gap display at the Old Timers' Nite Banquet sure takes care of the situation. It did not effect the set in the hotel bar too much, only to the extent that when the key was pressed Hoppy and the horse changed places. The first CO on the rotary had the hotel manager's phone line jammed with calls from the tenants. Powerful stuff.

\* \* \* \* \*

\* Ed Lemke is also sporting a General Call now as his trip to Philly last month was successful. Ed signs W2LYY. Fb om.

\* \* \* \* \*

\* Twenty has been quite erratic and dead for quite some time in these parts. The band was really open on Sunday morning, May 27. The calls of JA2KW, VK2KS, LU5AQ, DL3YB and a CR6 were logged in about ten minutes. Which goes again to prove that those quick WAC contacts can still be had on twenty. Date was April 27 about 7:50 am.

\* \* \* \* \*

\* Bob Reikosky, Wn2IIA has a very complete work shop and has offered to help any of the DVRA members if they have any mechanical or building problems on their equipment. Get together with Bob if you are having trouble with that new chasis.

## SILENT KEY

David Nabutovsky W2SMP ex-3ITU

An active and faithful member of the DVRA for many years, Dave passed away on May 9, 1952. His helping hand and willing spirit will be sadly missed by the members. Dave held the office of President and served from time to time on various committees. Our sympathy to the members of his family.



# DVRA NEWS

## OLD Z's KORNER

\* We note that Johnnie Power, W2OKE, has forsaken the dear old 20 meter band for a look see up on 75 meter phone. We worked him the other morning trying to contact Chick Anderson who is working mobile up New York State way.

\* Talking to Bob Lanzoni recently. W2FBC sez he is still on the Transatlantic run as flight radio operator for Trans-World Airways. Bob has been in commercial radio since the beginning of the last war.

\* Doc Lamb, W2GSG, is another of the 75 meter mobile converts. He sure has a nice sounding signal, with lots of punch behind it. Doc is also getting the BC-610 in trim for 75 meter phone for the MARS frequencies.

\* Don Field, W2UAE and Bill Petty W2HAZ sure did a nice job of arranging the historical radio exhibit at the Old Timers' Nite Round-up in the Stacy-Trent on April 19. Nice work boys.

\* Our old friend and pioneer member, Col. Sam Kale, W2VU, is keeping skeds twice per week on 3535 kc with zed eye from his post at Indian-town Gap Military Reservation, Pa. Sam also reports into the MARS Mercer County Net at 8:30 p.m. on Wednesdays.

\* Les Yoder, W2 SOR, is to be congratulated as he recently became a Pop for the fourth time. Its another baby girl, we understand. Have been keeping skeds with him at his Reading, Pa., QTH for some time. W3EED.

\* Understand Ray Tomlinson, W2GCU, passed the exam for 2nd Class Radiotelephone Operator and is now among the "elite."

\* B B Wentzel, W1HY, will soon be on the air with a brand new 50 watt VFO controlled mobile rig we hear. Sould be able to hear anywhere in Jersey with that kind of power, golly we pity the poor old storage battery in his Ford.

\* Dick Walsh, W2IEQ, sure has a nice signal on 10 meter mobile, he has joined the ranks of the Trenton Civil Defense Mobile Net.

\* Nice to work W2KVJ, Ron Pointsett on the 2 meter band. If you recall he was one of the pioneer members of the DVRA back about 20 years ago. His son Ronnie also has a ticket and signs W2EVS, when pop gives him a chance, hi.

\* Russ Haerberle has a brand new job with Applied Science Corp. of Princeton. Was recently with the N. J. State Police Radio Division keeping the mobiles in tip-top condition.

\* Bill Gary W2OUN former old time DVRA member is now working for the local broadcaster W2BUD as operator and slesman, we hear.



# DVRA NEWS

Report from the Director of Communications, DVRA, Ed Creeden, W2YFT

The DVRA kilowatt transmitter, receiver and gasoline generator will be installed in a new home shortly, so that it will be available for emergency communications for the citizens of Mercer County in the event of a breakdown of regular communication channels due to any type of local or national disaster.

Freeholder John Curry has turned over to the DVRA the former Naval Radio Shack at Mercer Field to house this emergency communications equipment. The building is now being put in the habitable condition and the club rig will be installed at the earliest possible date.

\* \* \* \* \*

\* George Gierman, W2QLP, has returned to the fold and is now putting out a nice signal on 2 meters. Understand he is improving the antenna system as well.

\* \* \* \* \*

\* Les Allen, W2OOK, is doing a bang-up job as Director of Communications for the Trenton Civil Defense program. He is also in charge of the Trenton Filter Center at the Federal Building, which keeps his nose to the grindstone, you bet.

\* \* \* \* \*

\* Willis Carson, W2SHK, holds a morning schedule with his brother up in the home town in Maine on 75 meter phone. They seem to have quite a neat circuit established to keep the family in touch.

\* \* \* \* \*

\* Harold Lee, W2STU, sure has a beautiful new radio shack complete with a one kw rig and all the trimmings. It was recently brought about by an addition on the rear of the house and is very cozy indeed.

\* \* \* \* \*

\* Caesar Arena, W2SVV, is working hard for his WAS certificate. We sure hope you make it om. He also passed his exam for advanced operator license. Congrats om.

\* \* \* \* \*

\* At this writing we are really pushing on the handlebars trying to get this issue of the news out on time. Have got quite a lot of news from you fellows this month and am sorry if it don't all appear, but will use it next month. Got tied up with my dad in the hospital and been handling his business during evening hours. Then managed to hold the winning ticket on a new 1952 Ford given away by the local Sear Roebuck store, which took more time out. 73 W2HAZ

# DVRA NEWS

## SELL - SWAP

A free service to DVRA members. For non-members, contact Doc Thornley for advertising rates per issue.

**FOR SALE** Millen 90800 50 watt transmitter, power supply for same, 20-40-80 meter coils for transmitter, modulation transformer, complete with tubes, less key and now in working condition.  
See Sam Kale, W2VU

**FOR SALE** 28 volt DC, 15 amp power supply; 600 volt 115 ma dynamotor; BC-645 transmitter with tubes for 420 mc operation; 1000 volt power supply; full set B & W  $\frac{1}{2}$  kw coils for 80 meters; Millen ECO for 40 and 80 meters; many transmitter parts for the novice or professional including power transformers, filter chokes, high voltage condensers, control relays, condensers, meters, miscellaneous crystals. Come look 'em over, no reasonable offer refused, cleaning house.  
See Ed Raser, W2ZI, 315 Beechwood Ave., Trenton

**FOR SALE** Millen ECO, output 3500 to 3650 kc and 7000 to 7300 kc., excellent condition.  
See Bill Petty, W2HAZ, 777 Chambers St., Trenton

**WANTED** Old and odd telegraph or wireless keys, early type vacuum tubes, old time amateur or commercial wireless apparatus for historical collection.  
See Ed Raser, W2ZI, 315 Beechwood Ave., Trenton

**WANTED** Transmitter, receivers, ECO's, mobile rigs, operators, cooks, generator attendants, and all around willing workers. Purpose: To give the club a hand for the coming ARRL Field Day in June.  
See Don Field, W2UAE, chairman, Sunset Ave., West Trenton

**FOR SALE** BC-348 receiver, converted for 110 volt ac, various transmitter parts and other amateur equipment.  
See Les Allen, W2OK, 23 South Warren St., Trenton

Information on the Delaware Valley Radio Association can be obtained by writing to the secretary, Ed Raser, W2ZI, 315 Beechwood Ave., Trenton, or by attending one of the club meetings at the Hotel Stacy-Trent.

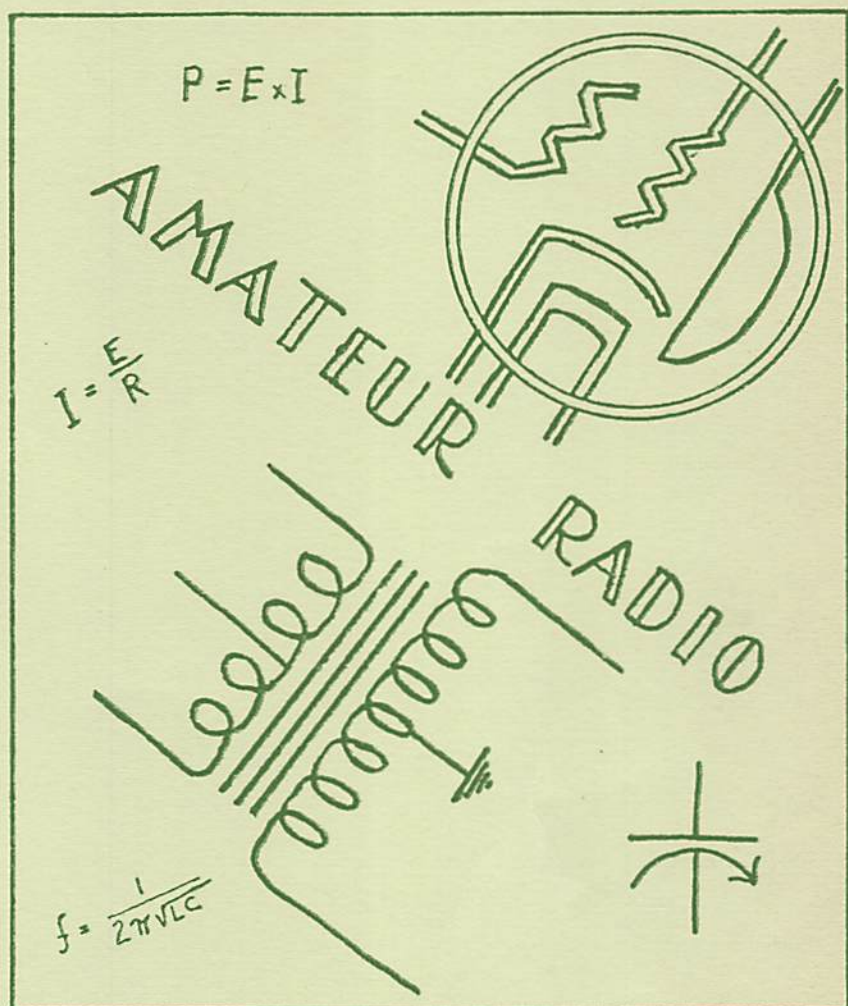


C/52

# DVRA



W 2 Z Q



# NEWS

Official Publication of  
*Delaware Valley Radio Association, Inc.*  
Trenton, New Jersey



# DVRA NEWS

VOL. XVII

JUNE 1952

No. 6

DAVID C. NABUTOVSKY

W3ITU - W2SMP

Following a long and continued illness, our friend and ardent Brother Member of our Great Fraternity, David C. Nabutovsky, W2SMP, passed from our midst while in slumber.

Licensed in 1937 under the call W3ITU, Dave became active in organizational affairs and served as Assistant Section Communications Manager for Southern New Jersey, as well as Phone Activities Manager; and, through his persistence as Chief Operator at Net Control W3AQ, then located in the Trenton Yacht Club, brought into existence the then one and only Southern New Jersey Phone Traffic Net, known as the Southern New Jersey 160 Meter Phone Net, which functioned with admirable efficiency until the close-down with the coming of World War II.

Entering the Armed Service in 1942, Dave was stationed at Radio Operator School in Madison, Wisconsin, where he quickly acquired Army communications training and transferred to the post of radio operator in the Net Control Station of the U. S. Army Coastal Defenses at Fort MacArthur, California, remaining there until release from service in 1945.

Returning to civilian status, Dave promptly stepped back into activity becoming President of the Delaware Valley Radio Association, following which he served the organization in various capacities as Member of the Board, and on the Editorial Staff of the DVRA News.

Most recently, Dave had served as Supervisor of Amateur Radio for Civilian Defense for the City of Trenton until, through ill health he was obliged to relinquish that appointment.

Dave will be sadly missed by his family, his close associates, and his host of friends.

With the passing of W2SMP and "Pop" Yoder, Amateur Radio has lost forever a team of the most ardent workers ever known to our Brotherhood.



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Sergeant-at-Arms	John Kallapos, Cedar Lane	KA832

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# DYRA NEWS

## FIELD DAY -- 1952

Field Day, 1952, is here and this year promises to be the best yet in more ways than one. Of course, it all depends on you club members and your making it the best.

Field Days come too far apart and I think it would be nice to hold them maybe two or three times a year. Summertime is the most convenient time but other seasons would prove the true emergency nature of this activity and give an opportunity to operate under varying weather conditions. This is really an activity which all amateurs should participate in because it gives the amateur a chance to prove to himself, and his community, that he can serve adequately in case of an emergency.

This year, our club's Field Day location will be the former naval radio shack at Mercer Airport in West Trenton, truly an ideal location. This year our facilities will be of an improved nature since the radio shack is now under the care of the club and will be used as a kitchen and rest quarters. We are planning to have three transmitters operating with one on eighty meter cw, one on seventy-five meter phone, and one on fortycw. Possibly a fourth transmitter will be on ten meter phone if the band is open enough to make it worthwhile. We have the equipment lined up and it should be sufficient to do the job nicely. The equipment will be located in the surrounding area in tents and a truck. Our antennaw will be heng from the three ninety foot poles which are there. Our power will be supplied by the club generator. Our kitchen will be manned by our very capable chefs, Charley Moore and Doc Thornley.

Most important of all are the operators and this is where you club members come in. With all the best equipment in the world and an ideal location, it takes operators to keep it going full blast the whole twenty-four hours. It isn't easy to sit there through the entire night and grind out contact after contact with no relief. We want to have operators in front of each transmitter for the entire time with relief operators available to take over whenever necessary. This is a club activity and should be supported by every club member that can possibly make it.

Field Day activities will begin Saturday morning June 21 at 9:00 A.M. It is necessary to get out there, and set up our tents, kitchen, radio equipment, generator, and antennas and test the transmitters to see that they are functioning properly. All available hands will be appreciated. The more help, the less work for each individual, so all help will be appreciated. Remember, our final score depends on your support so let's make it something we can be proud of. I am sure that you will enjoy this activity and look forward to it in the coming year. Hope to see you all out at the Airport on Saturday and Sunday.

Don Field, W2UAE  
Chairman, 1952 Field Day

# DVRA NEWS

## GAS FUMES ... A Report of Mobile Activity by W2UPS

This is the first of a series of columns centering around Amateur Radio Mobile activities in the city of Trenton and vicinity. We hope to present to you, all the latest dope and new mobile stations; and any hints and kinks that we feel will help the gas buggy boys. First thing in order is to list all the mobile stations we know of and the bands they operate. If anyone is missed, please let me know:

W2ZI	75 meters	W2ZJD	10 meters
2ZEW	75 meters	2IEQ	10
2HX	75	2EFH	10
2RYB	75 and 10	2DOX	10
2DZU	10	2GYW	10
2GSG	10	2RMC	10
2UPS	10	2OKY	75 and 10
2AND	10	5AVL	10
2DMA	10	3RCW	10
		2ZNO	10

The following mobile stations participated in a fb demonstration for Civil Defense Authorities at Princeton a few weeks ago: W2ZJD, GYW, UPS, IEQ, DZU. The CD authorities were very much impressed by the demonstration and as a result, some money was allocated to the communications division of the Princeton Civil Defense setup. A hidden transmitter hunt was staged a few weeks ago after the termination of the Trenton Civil Defense Mobile Net. W2UPS/mobile was the hidden transmitter, while W2ZEW was actually first on the scene, W2EFH was the first CD car to locate the transmitter. Did you pick up your prize yet, Art?

I would like to call your attention to the fine Mobile issue of CQ (May) if you have not already run across it.

From Delanco, N. J., W2ZNB tells us that all mobile stations of the CD net and also Net Control W2ZQ/" were heard fb from that town. W2ZNB/mobile, Doug Allen, can be worked occasionally around Trenton as he works at the General Electric Co.

Now we've heard everything. While reading the mail on 75 last Sunday, we heard one of the fellows remark to the other guy in the QSO that he was going to install the whip antenna for his mobile rig on the lid that covers the gas cap. Everyone to his own liking but personally we didn't think too much of the idea.

Wonder is anyone in Trenton will venture that car mounted beam shown in the May QST? It should prove interesting

Any mobile units interested in joining the Trenton Civil Defense Mobile Network, please contact me or Lou Vasta, personnel chief, at CD Headquarters on West Hanover St., Trenton.

73 Dick Henrie, W2UPS



# DVRA NEWS

Official Bulletin nr 346 from ARRL May 10, 1952

The ARRL Board of Directors at its 1952 meeting May 9 and 10 elected a new president, Goodwin L. Dosland, W0TSN, reelected vice-president Mayland M. Groves, W5NW, appointed Director Percy C. Noble, W1BVR, to serve on executive committee and adopted effective July 1, 1952, new bylaws proposed by the Constitution Revision Committee. In allocations matters the Board, mostly by unanimous decisions, instructed the ARRL General Manager to make the following requests of the Federal Communications Commission:

One, open 7200 to 7300 kc and 21250-21450 kc for voice operation and extend the ten meter voice band down to 28250 kc.

Two, open 3775 to 3800 kc for mobile phone privileges.

Three, continue present novice privileges and add 7150 to 7200 kc for novice cw operation or voice in 51 to 53 mc.

Four continue limiting 75 and 20 meter voice operation to Advanced or higher class licensees and continue issuance new Advanced Class licenses after end 1952.

Five, permit duplex operation in 51 to 54 mc.

Six, open 7150 to 7200 kc for frequency shift radioteletype operation.

The Board continued its policy of providing funds for travel by SCM's, SEC's, and QSL Managers. Other actions include establishing a special membership dues rate of one dollar for blind amateurs without receiving QST, general approval for a national convention in Houston, Texas sometime in 1953, instructions to General Manager to continue studying problem of maritime privileges, and continuance of aggressive program in TVI matters.

\* \* \* \* \*

Official Bulletin nr 347 from ARRL May 19, 1952

Reciprocal operating privileges for amateurs of Canada and the United States came a step closer when diplomatic representatives of both governments met recently to bring formally into effect the treaty which provides basic authorization. Fixed, portable and mobile reciprocal privileges are contemplated. There remains now only the issuance by each country of minimum regulations specifying registration and notification procedures. W1A will bulletin further details when available.

\* \* \* \* \*

Official Bulletin nr 348 from ARRL May 28, 1952

Individual amateurs as well as club groups are all invited to report activity in the annual ARRL Field Day, June 21 and 22. Make this a personal exercise in emergency preparedness. Complete and test battery and other emergency powered equipment. Use mobiles for individual and club aggregate mobile scores. Join in club work if you can. Log and reporting forms are now available from ARRL on mail or radiogram request. Send for yours and plan to test amateur radio emergency gear in the ARRL Field Day, June 21 and 22.

# DVRA NEWS

## DAILY SCHEDULES FOR LOCAL NETTERS

Monday		
7 to 8 P.M.	Mars First ARMY (Fox Able Net)	4025
7 P.M.	N. J. Section Net (JN)	3690
8 P.M.	MARS weekly broadcast from WAR	3497.5
Tuesday		
7 to 8 P.M.	MARS First Army (Fox Able Net)	4020
7 P.M.	N. J. Section Net (JN)	3690
7:45 P.M.	N. J. Civil Defense cw Net (CDN)	3505.5
10 P.M.	N. J. MARS Command Net (AA2USA NCS)	4025
Wednesday		
7 to 8 P.M.	MARS First Army (Fox Able Net)	4025
7 P.M.	N. J. Section Net (JN)	3690
8:30 P.M.	MARS Mercer County Net (A2ZI NCS)	4025
Thursday		
7 to 8 P.M.	MARS First Army (Fox Able Net)	4020
7 P.M.	N. J. Section Net (JN)	3690
10 P.M.	MARS Combined District Nets (A2HX NCS)	4025
Friday		
7 to 8 P.M.	MARS First Army (Fox Able Net)	4025
7 P.M.	N. J. Section Net (JN)	3690
8 to 9 P.M.	Trenton Municipal CD Net (W2ZC NCS)	29500
Saturday		
7 P.M.	N. J. Section Net (JN)	3690
Sunday		
7:30 A.M.	MARS N. J. State Net (Sugar Net)	4020
9 A.M.	N. J. 75 meter Phone Net	3900
9:30 A.M.	N. J. Cd Net (Phone)	3993
10 to 11 A.M.	Inter-community Net (Morrisville CD Net)	29400
11 A.M.	Northeastern State Amateur Radio Alliance	
	Civil Defense Network	3995
9 P.M.	Mercer Emergency Net (W2SVV NCS)	147.15 mc.

All MARS schedules are on Eastern Standard Time.

Submitted by Ed Raser, W2ZI, Amateur Radio Coordinator, Mercer Area #8,  
N. J. Department of Civil Defense

\*\*\*\*\*

Had a nice letter from old friend Les Yoder, W3EED (W2SOR) from up Reading way. Les states he enjoys receiving his copy of the DVRA NEWS each month and finds it a swell way to keep in touch with what the boys from the old home town are doing. Les is temporarily off the air for rebuilding his station. Planning to start on it in the very near future when the cellar is empty of drying diapers, thus making work room.



# DVRA NEWS

## ZI CHATTER

It was sure nice to see ole8 W2ZC/2 represented at the "Alert America" exhibit in the Trenton Armory during the week of May 29 to June 2. Noticed quite a number of the local boys pitching in to do a job for the cause of CD Communications. FB fellows.

Would like to announce to the MARS members that all schedules in this military network are operating on Standard Time, so don't get crossed up on reporting in on time, as it will be one hour later than our local Daylight Saving Time..

Speaking of networks, take a listen in any Sunday evening at 9 P.M. on 147.15 mc and hear a bot of local 2 meter activity. W2SVV is sure sticking to his guns to try and make this a bang-up net. Caesar is NCS and also ARRL EC for the local set-up. All we need now is to have everyone on spot frequency, and the net would really go to town. Keep up the good work boys.

W2ASQ and W2UNT have both been heard on 2 meter mobile during the past two drills signing in on the Mercer Emergency Net. Signals have been strong and all members have been able to work Dal and Earl when cruising around this area. Let's have some more of this mobile stuff, it's grand.

We hear that Dick Henrie, W2UPS, has bought himself a boat. Gonna go mobile marine, Dick OM?

W2HX and W2ZE are sporting brand new "Elmac" VFO transmitters in their cars and have gone mobile for fair, bi-gosh. Have worked them both while on way to work up the Pike. Sure sound swell fellows.

Understand someone has been "laying" two ton anchors on the doorsteps of W2FDE's shack lately. Whats the scoop, Sid OM?

See by the Commercial Telegraphers Union rag, "Radio Officers' News" that our good friend Fritz Gutke, W2RIU, is now chief operator aboard the S/S Longview Victory.

W3SPN down Bristol way, is hard at it on 2 meter cw working the gang on code trying his darndest to get in shape for the General Class exam. Lots of luck to you OM.

W2GCU, Ray, sure has a nice 2 meter signal since last net drill. Dunno wot ya done to 'er, but you sure packin' thru over here on Beechwood Ave.

Sam Kale (Lt.Col. to you lugs) W2VU/K3TAB, sure has a nice signal from Indiantown Gap Military Reservation (Pa.), where he is now stationed as Post Signal Officer and was recently appointed MARS Director for the State of Pennsylvania. Congrats Sam OM.

Would like to see a little more activity from the local gang on the MARS Mercer Net and Wednesday evenings of 4025 kc.



# DVRA NEWS

## SELL - SWAP

- WANTED** Old and odd telegraph or wireless keys, early type vacuum tubes, old time amateur or commercial wireless apparatus for historical collection.  
Ed Raser, W2ZI, 315 Beechwood Ave., Trenton, N. J.
- FOR SALE** Millen ECO, output 3500 to 3650 kc and 7000 to 7300 kc. plugs into present crystal socket, excellent condition.  
Bill Petty, W2HAZ, 777 Chambers St., Trenton, N. J.
- FOR SALE** 28 volt DC, 15 amp power supply; 600 volt 115 ma dynamotor; BC-645 transmitter with tubes for 420 mc operation; 1000 volt power supply; full set B & W coils 1/2 kw for 80 meters; Millen ECO for 40 and 80 meters; many transmitting parts for the novice or professional including power transformers, chokes, condensers, relays, meters, etc.  
Ed Raser, W2ZI, 315 Beechwood Ave., Trenton, N. J.
- WANTED** Transmitters, receivers, ECO's, mobile rigs, operators, cooks, generator attendants, and all around willing workers. Purpose: To give the club a hand for the coming ARRL Field Day on June 21 and 22.  
Don Field, W2UAE, FD Chairman, Sunset Ave., West Trenton.

Sell and Swap ads are a free service to DVRA members. For rates for non-members see Business Manager, Doc Thornley.

Our thanks to Ray Tomlinson, W2GCU, for his contribution which appears on the Editorial page this issue. We thought it proper and fitting to use the same obituary for Dave in both local club papers.

Information on the Delaware Valley Radio Association can be obtained by writing to the secretary, Ed Raser, W2ZI, 315 Beechwood Ave., Trenton; or by attending one of our meetings at the Stacy-Trent Hotel.

Contributions sent to the paper were sincerely appreciated fellows. Send all you can as we can sure use them. Don't let the work of the paper up to the same few fellows again.

73 till next month

W2HAZ



# DVRA



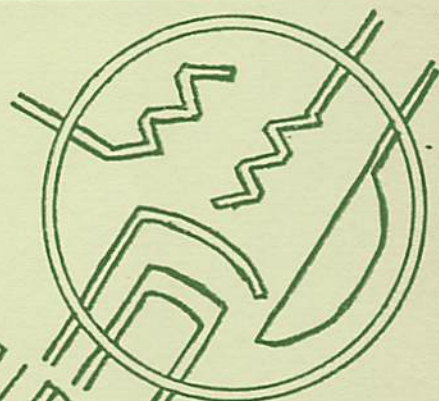
W 2 Z Q



$$P = E \times I$$

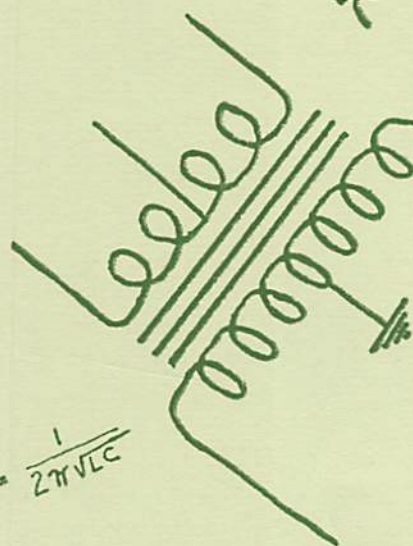
AMATEUR

$$I = \frac{E}{R}$$



RADIO

$$f = \frac{1}{2\pi\sqrt{LC}}$$



# NEWS

Official Publication of  
*Delaware Valley Radio Association, Inc.*  
 Trenton, New Jersey

## EDITORIAL

With the vacation season will upon us, let's be especially careful while operating mobile on the crowded highways. The first responsibility of a driver is not a 100% QSO but that of getting himself and the occupants of the car safely to and from their destination.

A recent traffic survey shows that the driver of an auto in moderate to heavy traffic is required to make up to 50 decisions per hour, some of them in split seconds. The same survey shows that several times during that hour, the car is only seconds away from disaster. Sounds like fiction, but think it over. Tests show that after a day at the beach in the sun, the driver's vision at night is affected and reduced up to 50% !.

If you have to get a QSO while on the busy highways, move over and let someone else drive. Better yet, pick a nice secluded spot on top of a mountain, park in the shade, enjoy the breeze, and ham till your heart's content. If you really want to do a job in mobile work, join your local CD outfit, they can use you.

Highway safety is something we hear and read every day and some of us say "I'm always careful, but it's the other fellow you have to watch." We can always get along with a broken QSO, but a broken back or neck would be a sadder story.

W 2 H A Z



# DYRA NEWS

## OFFICERS

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Vice-President	Donald G. Field, Sunset Ave., W.Trenton	W2UAE
Secretary	Ed G. Raser, 315 Beechwood Ave.	W2ZI
Treasurer	Charles Rebman, 72 S. Olden Ave.	

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Publications	William Petty, 777 Chambers St.	W2HAZ
Publicity	Ed G. Raser, 315 Beechwood Ave.	W2ZI
Relations	Robert Reikosky, 195 Oaklyn Ter.	WN2IIA
Special Features	David Van Nest, 114 Concord, Mercerville	

## NEWS STAFF

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Business Manager	A. K. Thornley, 418 Pennsylvania Ave. Mrs. v. l. e.	ex3CCT
Circulation	Charles Moore, 139 Michigan Ave.	W2HCR

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Asst Secretary	Richard Henrie, 100 Tipton Ave.	W2UPS
Historian	Ed G. Raser, 315 Beechwood Ave., Trenton	W2ZI
Sergeant-at-Arms	John Kallapos, Cedar Lane	KA832

## STANDING COMMITTEES

Old Timers' Nite	Ed G. Raser, 315 Beechwood Ave.	W2ZI
Field Day	Donald Field, Sunset Ave., W.Trenton	W2UAE
Fellowship	John D. Diesel, 439 Chambers St.	W2WOA
Hamfest	William Hannah, 107 Newell Ave.	W2EUH
Club Property	Richard Henrie, 100 Tipton Ave.	W2UPS

## Business Meetings of The Delaware Valley Radio Association

The regular monthly meetings of the Delaware Valley Radio Association are held on the second Wednesday of each month in the Chamber of Commerce Room of the Stacy-Trent Hotel, West State and Willow Sts., Trenton, N. J. The business meeting will start promptly at 8:00 P. M.

# DYRA NEWS

## GAS FUMES

by Dick Henrie, W2UPS

Since the last issue of the News, the short skip on ten meters has really been open, making a FB holiday for the mobile operators. We've heard lots of the local gas buggy boys making lots of skip contacts in the last month or so.

Our apologies to W2LYY, Ed Lemke, for failing to mention his station as mobile in the last column. W2LSS/Mobile, Doug, is another new voice on the band as a rolling station. Welcome to the gang Doug and lots of pleasant QSO's.

There will be two more transmitter hunts over in North Jersey this summer promoted by John Richardt, W2GZJ and his committee. The dates are September 7th and October 12th, both on Sunday. There will be two hunts each day, one at 10:30 in the morning and the other at 2:30 in the afternoon. They will start at the "Sandy Hook" picnic grove, which lies on the road from Lamington to Pottersville in New Jersey. Bring your family and your lunch and whatever gadgets, loops, etc., that you have. If you don't own any DF gear, don't worry as those with DF equipment will be handicapped. The registration fee is \$1.00 which will go towards the prizes. Send your money and registration to Mr. John Richardt, W2GZJ, Lyons, N. J. Tune in on 29,400 kc. the mornings of the hunts and get all the weather and conditions at the scene of the hunts from John. They should be FB hunts if they are as good as the previous ones. We might even get a team together from Trenton and vicinity and try to get a few prizes. For any further information, please contact me.

We hear that the two meter boys are cooking out fb now around town. If you see any cars with two meter ground plane antennas on top that's them. We'll try to get a list of the two meter fellers for the next issue. Any of you ten meter mobiles who have not signed up with CD yet, how's about calling into the net. The time is 8 P.M. every Friday night. That's all for this month, fellows.

73 - W2UPS

\*\*\*\*\*

We hear via the grapevine that our old friend Paul Solomon, W3GRW/W3GRW and then again W3GRP, is now W2FAJ. Paul is living at Mullica Hill, N. J. His address is R.D. 1, Swedesboro-Franklinville Road near intersection of N. J. Route 45. Boy what a QTH. Have no information other than that, so don't know if Paul is active or not and on what bands.

\*\*\*\*\*

Speaking of old friends, the mailing address of Les Yoder, W3EED, is R. D. 1, Mohnton, Pa. That is when he is not out on the job.



Official Bulletin 357 from ARRL July 31

New proposals released July 29 by FCC cover emergency communications rules and would set up portions of all bands up through 220 mc. exclusively for emergency use in event of disruption of normal facilities prompted Commission to declare emergency status. Additionally a new concept of amateur operation is proposed by establishment of permanent calling and answering channels in each band both phone and cw which would be unavailable normally at any time for purposes other than calling and answering for a subsequent shift to other frequencies to continue contact. The channels so limited except in emergencies would comprise 20 kc of each band, 3.5 mc through 144 mc, also 14 kc of 1.7 mc band and 500 kc of the 220 mc. band. September QST carries details. Final comment date September 19.

\* \* \* \* \*

Official Bulletin 356 from ARRL July 24

IARU Headquarters has been informed that amateurs of the following countries are permitted to operate on 21 mc: Australia, Belgian Congo, Brazil, Burma, Canada, Cuba, Denmark, Dominican Republic, Ecuador, Great Britain, Guatemala, Iceland, Netherlands, Netherlands Antilles, New Zealand, Panama, Peru, Southern Rhodesia, Union of South Africa, United States and Uruguay. Several member societies of the Union have advised the Headquarters that they are in close contact with their government officials and hope to have the 21 mc. band available at an early date.

\* \* \* \* \*

Official Bulletin 355 from ARRL July 17

U S amateurs desiring to operate in Canada and Canadian amateurs desiring to operate in the U S on visits may now secure authorization to do so. U S amateurs secure, fill out and file forms through Radio Division, Department of Transport, Ottawa, Ontario, Canada. Canadian amateurs secure, fill out and file forms through Federal Communications Commission, Washington 25, D.C. Appropriate authorization will then be issued by the respective government agencies and should be shown to customs authorities at the border.

\* \* \* \* \*

Official Bulletin 354 from ARRL July 11

With the assistance of amateurs who are active on 28 mc., ARRL each year conducts a program of on the air code practice for persons wishing to learn the Continental Code. Volunteers are needed for the new program currently being planned. Schedules may be arranged to suit the convenience of cooperating amateurs and will be published in QST. A combination of voice and code transmissions is considered to be most effective. Suggestions for conducting code lessons over the air are available from ARRL. If you are operating on 28 mc and would like to assist in this program, send a postal or radiogram to the Communications Department indicating your interest and complete details will be furnished.

# DYRA NEWS

## ZI'S KORNER

I am happy to report that arrangements have been made for our club to enjoy a personally conducted tour through the beautiful new Radio and Television Center, recently completed in Philadelphia by WCAU. Here is your opportunity fellas to peck behind the scenes" of WCAU's TV transmitter and studios. Mr. Lou Weiss of the Guest Relations Department has assured me. Don't miss this trip for the world, it will be a real treat. The date: Sunday August 31st., at 6:30 P.M. More dope at the next club meeting.

Wee Willie Hannah, W2EUI, musta got an awful bang out of that 8-way roundtable we got 'em hooked up with last Sunday on 75 fone. Bill with his lil' cracker box rig, running 8 watts to a 6L6 in the final was getting S7 to 9 reports from places like Wilmington, Del., Lehigh, Pa., and places west. Sure wish we could get the old boy a bit more pepped up on ham radio, mebbe we ought to work on his wife Nat. Hi.

Nice to work Al Albert, W2ABF, of Hightstown again after some 27 odd years. Our last QSO with this station was under our War I post-war call 3CS, which according to Al was on November 25, 1924, when he answered my cq. Ran across him on the MARS frequency of 4125 a few weeks ago. He is one of our new recruits, in the Mercer County Net.

See where Bill Petty, W2HAZ, came up with the Armed Forces Code Certificate, for the third year in a row. FB om.

Johnnie Power, W2OKE, sure pack a wallow with that brand new 75 meter mobile rig of his. Worked 'em the other morning on his way to work, near Johnsville, Pa. Nice going Jack, sound good.

Well our local broadcaster WBUD, has started construction on a new 1 kw. transmitter to be located on the Parkside Extension in Ewing Township. A four tower directional array is in the process of being completed and the towers are all up and painted. Much luck and success to Dick Harden the manager/owner and to his Chief Engineer Bill Brewer, welcome to good ole "Joisey."

The Engineers Speaking Society (ZI new member) sure had a swell time at thier annual party and picnic held last month at "Oaklyn" the estate of Joe Richey, K2AT, over at Grover's Mills. Everything was just FB, and a grand time was had by all. Mrs. Richey sure is perfect hostess.

Had a nice visit at Les Allen's beach cottage, the home of W2QOK/2 last week. Upon arrival at the Ocean Beach, N.J., location, who should we run into but two more mobile hams, W2EGM Les Babcock from Toms River, and Tony Sivo, W3HET from Philly. Tony is a naval pilot stationed presently at the Navy Yard, and running 50 watts to a 2E26 in the final. Boy hata potent signal, having worked 'em as far south as Annapolis while in motion, from the home GTH. Les is running 270 watts at his summer place, and doing quite well with that NBFM stuff.



# DYRA NEWS

## SELL & SWAP

- FOR SALE Assorted radio equipment, transmitting and receiving.  
Cleaning house, come look us over.  
Ed Raser, W2ZI, 315 Beechwood Ave., Trenton.
- FOR SALE Millen ECO, plugs into present crystal socket. excellent  
condition.  
Bill Petty, W2HAZ, 777 Chambers St., Trenton.
- WANTED Collins 32V2 transmitter.  
Ed Raser, W2ZI, 315 Beechwood Ave., Trenton.
- FOR SALE Complete mobile rig in FB working condition.  
W3EOV, 3936 Amer St., NE, Washington, D.C.
- FOR SALE Anything in the radio and electronics field.  
W2COOK, Allen and Hurley, 23 S. Warren St., Trenton.
- FOR SALE QSL'S by W2HAZ. Stop in or write for samples.  
Petty Printing Co., 17 Southard St., Trenton.

\* \* \* \* \*

Another new ham on Chambers St., Frank Pilla, KN2ART, 1023 Chambers.  
The first KN2 in town to our knowledge. Frank is at present operating  
80 cw and awaiting the mailman, as he took the General Exam last month.  
Also has an additional hobby of flying. FB om.

Bob Reikosky, W2IHA, now sporting a general call and the newest  
ham in town to go mobile. Good work Bob.

Amateur radio in Trenton furnished communications at the Soap  
Box Derby last week and a fb job done by W2UPS, W2DZU, W2HX

Ole Pierre Williams, W2JAG, informs us that he will be MM again  
in the near future if everything goes alright. I heard through  
the grapevine that he acquired a new Eimac transmitter.

Sorry we missed the last issue fellows, but it was the same old  
story. One man can't make up a newspaper and keep it interesting.  
The only piece of copy received for the July issues was the mobile  
report from Dick Henrie. FB business Dick, but even two men can't  
run the paper.



10/52

# DVRA



W 2 Z Q



# NEWS

Official Publication of  
*Delaware Valley Radio Association, Inc.*  
Trenton, New Jersey



## EDITORIAL

Once again October is upon us ... the magic month of changes. Summer turns to fall, vacations end and back to work (who gets a vacation all summer?). for the home owner - screens change to storm windows, and top coats begin to make their appearance as the leaves turn color.

A change comes over the average ham ... the OM's eyes take on a dreamy stare as he writes the manufacturers for technical data and spends his evenings consulting handbooks and parts catalogues.

Seriously though, fellows, amateur activity picks up with the gling out of daylight saving and the setting in of cooler weather. Traffic nets begin to have more attendance and some of the dormant ones resume full activity. (orchids to the fellows who manned the nets all summer); club meeting attendance increases as interest is rekindled.

Fall starts the operating contest season. Various contest to suit all phases of operation begin to blossom forth. In late October, CQ Magazine's World Wide DX Contest comes up, closely followed by the A RRL Sweepstakes in November. The League sponsored DX Contest is in February and March. The W-VE Contest, VK-ZL Contest, Member Party @So, UHF Marathon to name a few all have their places. Pick one that suits your taste and interest. They are more fun than a barrel of intermittent condensers and provide good operating experience. Of prime importance, send in your log and any suggestions or comments, even if only one contact. It helps the other fellow and show your good will in participation.

W 2H1Z

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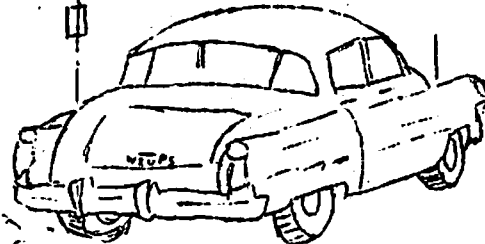
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# DVRA NEWS

## GAS FUMES

A Report of Mobile Activities  
by Dick Henrie, W2UPS



With the coming of cooler weather now and the end of vacations for most of us, there probably will be a marked increase in mobile activity as well as general amateur activity. The Trenton Civil Defense Mobile Net managed to last the summer lull of activity. Although there was never more than one or two stations calling in, and several times net control was handled by a mobile, I think the net was called together every week.

We had a 1b CSO with W2IHA, Bob Reikosky (our initial CSO) on September 10. Bob's station consists of a Harvey-Fells TBS 50 and a Gonset Converter ahead of the car BC job. Incidentally, if it weren't for the difference in calls, distinguishing between the two Reikosky brothers would be some job as they sound alike on the air. We heard W2CEH mobile on ten last week. Congratulations Jimmy and welcome to the fold. Your signal sounded fb except for a very slight distortion which I imagine you have remedied by now. Also hear through the grapevine that George Gierman, W2CLP, is mobile on seventy-five meters. How's the rig working George. The grapevine also informs us that Bill Petty, W2HAZ, is spending some time working on a surplus dynamotor getting same in shape. Maybe another 10 entry. Sure so7ld be a shame to drill a yhole in the rear fender of that new Ford.

Jake, W2RMC, is heard quite consistently on ten mobile around town, along with Bee Wentzel, W2HX, W2LSS, W2LYY, W2ZJD, W2CKE, W2UPS all called into the CD net on September 19. Doug, W2LSS and W2UPS worked down into Moorestown with W2OOJ, Chick. W2GOX later was the operator at W2UKI, the CD net control station at Moorestown and requested W2UPS to have W2ZQ listen for them in the future for tie-in purposes.

W2UNT and W2ASQ are mobile on two meters and report into the Mercer County Emergency Net on Sunday mornings. W2LYY is looking for a rig for his buggy. W2ESG mobile from down around Mt. Holly way can be heard around Trenton occasionally. We worked W2VOA mobile recently for our first CSO with Doc mobile to mobile. Your rig sounds ok Doc, hope to hear you more often. Doug, W2LSS and W2CEH and their XYIs are well on their way to Florida at the time of this writing. Take a listen for W2LSS mobile, as Doug tells me they are going in his jalopy.

Don't forget we can still use operators in CD for the net control station and also can use all the mobile stations we can get. For further information, contact me or any of the mobile boys in the net. Or better yet, drop into CD Headquarters some drill night and get acquainted.

73 till next month - Dick, W2UPS

# DVRA NEWS

## WHAT BANDS AVAILABLE?

3.500-4.000 - A1  
 3.800-4.000 - A3  
 7.000-7.300 - A1  
 14.000-14.350 - A1  
 14.200-14.300 - A3 and n.f.m.  
     Advanced and Extra  
     Class licensees only.  
 21.000-21.450 - A1  
 26.960-27.230 - AØ, A1, A2, A3, A4, fm  
 28.000-29.700 - A1  
 28.500-29.700 - A3 and fm  
 29.000-29.700 - fm  
 50-54 - A1, A2, A3, A4, nfm  
 52.5-54 - fm  
 144-148 - AØ, A1, A2, A3, A4, fm  
 220-225 - AØ, A1, A2, A3, A4, fm  
 420-450\* - AØ, A1, A2, A3, A4, A5, fm  
 1215-1300 - AØ, A1, A2, A3, A4, A5, fm  
 2300-2450  
 3300-3500  
 5650-5925  
 10000-10500 - AØ, A1, A2, A3, A4, A5,  
 21000-22000 fm, pulse  
 All above 30,000

Novice licensees may use the following frequencies transmitters to be xtal controlled and have a maximum power input of 75 watts.

3.700-3.750 - A1  
 29.960-27.230 - A1  
 145-147 - A1, A3

Technician licensees are permitted all amateur privileges in the bands 220 mc. and above.

\*-Peak antenna power not to exceed 50 watts.

In addition, A1 and A3 on portions of 1.800-2.000, as follows:-

	(Power -watts)	
	Day	Night
Mississippi River to East Coast U.S. (except Florida and states bordering Gulf of Mexico)	1800-1825kc.500 1875-1900	200
Mississippi River to West Coast U.S. (except states bordering Gulf of Mexico)	1900-1925 *500 1975-2000	*200
Florida and states bordering Gulf of Mexico	1800-1825 200 1875-1900	No operation
Puerto Rico and Virgin Islands	1900-1925 500 1975-2000	50
Hawaiian Islands	1900-1925 500 1975-2000	200

\*-Except in state of Washington where daytime power limited to 200 watts and nighttime power to 50 watts.

Figures are megacycles unless indicated. AØ means an unmodulated carrier; A1 means CW telegraph; A2 is m.c.w.; A3 is a.m. phone; A4 is facsimile; A 5 is television; nfm designates narrow-band frequency or phase-modulated radiotelephony; and f.m. means frequency modulation, phone (including nfm) or telegraphy.

This schedule as of August 1, 1952. Reprinted from QST.



# DVRA NEWS

## ZI's KORNER

Sure was nice to see such a grand turnout at our Annual Picnic, held this year on the Fran Harmon Estate, Nursery Road, up back of Mercer Airport. Some 57 of the gang showed up and the weather was all that could be desired. With hot dogs, sweet corn and yes, last but not least, real live clams a steamin' in the ole GI cooker, topped off a fine evening, which was enjoyed by all. Thanks to Doc Thornley, our genial chow dispenser. Also thanks to Dave VanNest and the new go-gettun team, Dick Amrich and Sid Dietz.

Speaking of DVRA activities, everyone seemed to enjoy the well inspection trip down Philly way on August 31, when the club group toured the new WCAU Radio and TV Center out on City Line Avenue. Mr. Dempsey of the Public Relations Staff outdid himself in showing us around, even having an engineer assigned to the tour to explain everything in detail. The new WCAU building is ultra modern and something quite out of this world. Eighteen of the gang showed up and those that missed it, have something to regret. Hope to arrange another trip in October to inspect the brand new WFIL Radio and TV Center. So lets all make this one if we can.

Dick Amrich, one of the most recent members, has been appointed by President Lee Allen as assistant secretary to help take some of the load off ye secretary's shoulders and keep this department running smoothly. Looks as though Dick has "dug in" and got into the spirit of things, yessir.

Nice to see Roy Albright, W3AFA, and family of Newtown, Pa., show up at the Picnic last month. Roy never misses the DVRA outdoor affairs and the OT Nite banquet, even though he is unable to attend the regular meetings. Good to see Charlie Westwood show up too.

Bill Petty, W2 HAZ, tells us that he is still sweating out the mailman for that one more card for DXCC. Has had 99 confirmations in the bag for the past year and a dozen or so outstanding. Bill worked FP8AP, St. Pierre & Miquelon Is. recently and still has hopes.

Don Field, Sid Dietz and Barney Bonczek have been working hard to put the new club station into shape. Last time we inspected the place Don and Sid were cleaning up the Navy type lightning switches we acquired and the big antenna tuner was about to go into position. Barney's paint job sure dressed up the inside by golly.

Don't suppose you fellers know one of our local boys made good here recently. Yup, Fritz Guthke, ex-WISY, former buddy of pre-war W3's GNM, GRU, GSR, HAZ, and one time transmitter man at WBUD, has been assigned as second radio operator aboard the beautiful new liner "United States"- a wireless man's dream.

Congrats to Jack Kallapos and family on the arrival of a brand new 7 pound baby boy. We understand the father pulled through the ordeal and is doing fine.

# DVRA NEWS

Official Bulletin nr 362 from ARRL September 5

With the assistance of amateurs who are active on 28 mc, ARRL each year conducts a program of on the air code practice for persons wishing to learn the continental code. The current program is getting under way but additional volunteers are needed. Schedules may be arranged to suit the convenience of cooperating amateurs and will be published in QST. A combination of voice and code transmissions is considered to be most effective. Suggestions for conducting code lessons over the air are available from ARRL. If you are operating on 28 mc and are willing to assist in this program, send a postal or radiogram to the Communications Department indicating your interest and complete details will be furnished.

Official Bulletin nr 363 from ARRL September 11

The first 2 meter DX beyond 1000 miles to be reported in 1952 was worked during the night of September 8 and the following day. Complete details are not yet available, and participants are urgently requested to report their work to ARRL so that full details can be reported in QST. Best DX so far reported is W1RFU, Wilbraham, Mass, to W0EMS, Adair, Iowa, nearly 12 00 miles. During a 144 mc QSO on the 9th, W8BFC, Everett, Ohio, changed to 220 mc., and was heard once by W1IDQ, Canton, Conn., who then shifted to 220 to set a new DX record for that band, 450 miles. On the night of August 28th, F8IH, Algiers, worked F0BG, Toulon, France, crossband, 435 to 144 mc, a distance of nearly 500 miles.

Official Bulletin nr 364 from ARRL September 18

All amateurs are urged to take note that the dates for the 1952 Simulated Emergency Test activity are October 11 and 12. October QST will carry the regular announcement and all Emergency Coordinators will shortly receive a bulletin on this subject. The SET is the annual dry run and public demonstration of the Amateur Radio Emergency Corps and deserves the attention and participation of all amateurs. You are therefore urged to sign up with your Emergency Coordinator so that you can participate in this year's test.

\*\*\*\*\*

Some of the boys may remember Andy Toth, ex-3DEA, who at one time disturbed the air around Center Street. Sure was surprised to hear from Andy again after all these years. Called on the phone few nights ago, just to see what the old club is doing. Tells me he moved west and made good in Hot Springs, Arkansas and is now signing W5LON on 40 and 80 cw.

Understand our old time member Ted Toretti, W2BAC, built himself a new home down along the shore. He can now be reached at 805 Van Court Ave., West End, N. J., if any of you fellers wish to write.

Thats it for this month fellows.  
Would have had a couple more pages  
if you had sent in a contribution.



11/52

# DVRA



W 2 Z Q



# NEWS

Official Publication of  
*Delaware Valley Radio Association, Inc.*  
Trenton, New Jersey

## EDITORIAL

Through its years of existence, the DVRA has had various places to call home. Our first real club house was in the former Trenton Yacht club. Operation was on 160 and 75 phone and 80 cw with a 260 foot center fed antenna and a kw transmitter. At this location, the club earned the ARRL Public Service Award for providing communications for emergency situation. The club also organized the New Jersey OPS Net here. The start of World War II in 1942 partly broke up this and we dug in for a more important job.

Our second club location came shortly after World War II and we again set up shop. The club was then located at North Warren Street in the center of Trenton with the same equipment which had been stored in various places during the ba n. Code tables and other equipment was added here. This location, for various reasons, proved fruitless after a year and we were out in the cold again.

This year the DVRA acquired the former radio building at Mercer Airport, which was used by the Navy during the war years. This was made possible by the sponsoring of Civil Defense communications by the club and the efforts of the Mercer County Board of Freeholders. We obtained this location for the primary purpose of providing Mercer County area with Civil Defense and emergency communications, which we are now doing. Three 80 foot masts arranged triangularly, support antennas cut for 80, 75 and 40 meters. A ground plane antenna for 10 meters for communications with the area mobile force is in the planning stage.

Much work has been accomplished by the members in the way of painting, cleaning up, repairs to the building and general repairs. Rebuilding of the equipment and servicing of the generator is finished. But, that is only the beginning. There is still more to be accomplished and preventative maintenance to be done. We need operators to take care of the schedules.

Our civilian defense obligations are being kept through schedules and net operation. We sincerely feel that we are performing an important service, known to but a few, to the community, city, county, State of New Jersey and the nation as a whole. Let's keep the ball rolling.

-- W 2 H A Z



# DYRA NEWS

## OFFICERS

President	Lester H. Allen, 704 Quinton Ave.	W2QOK
Vice-President	Donald G. Field, Sunset Ave., W. Trenton	W2UAE
Secretary	Ed G. Raser, 315 Beechwood Ave.	W2ZI
Treasurer	Charles Rehman, 72 S. Olden Ave.	

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Circulation	Charles Moore, 139 Michigan Ave.	W2HCR

## SPECIAL APPOINTMENTS

Asst Secretary	Richard Henrie, 100 Tipton Ave.	W2UPS
Historian	Ed G. Raser, 315 Beechwood Ave., Trenton	W2ZI
Sergeant-at-Arms	John Kallapos, Cedar Lane	KA832

## STANDING COMMITTEES

Old Timers' Nite	Ed G. Raser, 315 Beechwood Ave.	W2ZI
Field Day	Donald Field, Sunset Ave., W. Trenton	W2UAE
Fellowship	John D. Diesel, 489 Chambers St.	W2WOA
Hamfest	William Hannah, 107 Newell Ave.	W2EUH
Club Property	Richard Henrie, 100 Tipton Ave.	W2UPS

## Business Meetings of The Delaware Valley Radio Association

The regular monthly meetings of the Delaware Valley Radio Association are held on the second Wednesday of each month in the Chamber of Commerce Room of the Stacy-Trent Hotel, West State and Willow Sts., Trenton, N. J. The business meeting will start promptly at 8:00 P. M.

# DVRA NEWS

The following article recently appeared in the Sun Refinery News, published at Marcus Hook, Pa., and is well worth reprinting in its entirety. . . .

The S/S Mercury Sun, skippered by Captain Bernard Kellum, played a prominent part last month in the search for the survivors of the 5,500 ton Panamanian tanker, Foundation Star, which split in two off the Carolina Coast on September 6 in rough seas.

Pierre Williams, radio operator of the Sun tanker which was enroute from Texas to Marcus Hook with a cargo of crude oil, picked up the distressed ship's SOS at 3 A.M. Since the Mercury was the only ship in the area with ship-to-shore phone communications, the Coast Guard requested the tanker to stand by and help in rescue operations.

For some 16 hours the Mercury's radio-telephone facilities were used to relay messages from a search plane to Coast Guard ships participating in the rescue operations, and to shore stations. Twenty-one crew members of the Foundation Star were rescued and eight were listed as missing.

Radio operator, Williams was on duty in the tanker's radio room from 3:00 A.M. untio 7:10 P.M. without relief, Captain Kellum reported. After dinner, the radioman stood his regular night watch.

After her 16-hour period of service, the Mercury was relieved by a destroyer. The Foundation Star eventually sank during attempted salvage operations.

The Panamanian Tank Fleet Corporation, owner of the lost vessel, sent the following message to Sun following the rescue operations.

"We express our sincere appreciation for effort of master, officers and crew, your vessel, assisting rescue and search for survivors of our S. S. Foundation Star."

Most of us remember Pierre, W2JAG, and sure feel proud to say he is a member of the D.V.R.A. Pierre says in a letter to the editorial office (wow) that he has received permission to operate ham gear on board ship and is at present doing construction work. Congratulations on a swell and worthy job well done OM. And as you say in your letter, "always in there boy."

\* \* \* \* \*

Les Allen had a nice letter from Harry Cahill, W2WLN/7 now at Luke Air Force Base, near Phoenix, Arizona. Harry states that he is now the proud possessor of an Advanced Class License. He is working the MARS station at Luke AFB. The gear consists of a BC 610, 32 V 2, 75 A 2 and a Super Pro. The call is K7FAU/AF7FAU, vfo on all bands. Harry sends his best to the club and its members and says to look for him on the air.

\* \* \* \* \*

W2ZO has a spankin' new QSL now that should improve the appearance of any collection.



# DVRA NEWS

Official Bulletin nr 366 from ARRL Headquarters October 3, 1952  
Amateurs serving overseas in the military who will have held a  
General Class license for at least one year by December 31, 1952, may  
take the Advanced Class examination by mail anytime between now and  
December 31, 1952. This is an expansion of the regulations change  
reported on page 35 of QST for September 1952. Applications for this  
mail examination should be sent to FCC Washington 25, D. C.

Official Bulletin 367 from ARRL Headquarters October 9, 1952  
You are cordially invited to take part in the Nineteenth ARRL  
Sweepstakes Contest November 15, 16, 17 and 22, 23, 24. Rules are the  
same as those of last year except for two minor changes: Operation  
of two or more transmitters simultaneously at one operator stations  
now is specifically prohibited and the multiplier for phone entrants  
that use 100 watts or less input has been increased to 1.5. Awards  
will be given in each ARRL section, one to leading CW and one to leading  
phone entrant. Complete rules will appear in November QST. Send a  
postal or radiogram to ARRL Headquarters giving the call of the station  
from which you copied this message and you will receive gratis special  
Sweepstakes reporting forms.

\* \* \* WATCH FOR THE NEW LOOK ... COMING SOON \* \* \*

Official Bulletin 368 from ARRL Headquarters October 16, 1952  
Lebanon has been removed from the list of countries with which  
CSO's are forbidden. Refer to page 23 February 1951 and page 24  
May 1952 QST. ARRL will accept for DXCC cards from OD5 stations  
confirming CSOs which took place on or after October 15, 1952.

Official Bulletin 369 from ARRL Headquarters October 24, 1952  
You are cordially invited to take part in the Fourth ARRL 10  
Meter VAS Contest, December 5, 6, 7 and 12, 13, 14. Phone, CW,  
or both may be used. A certificate award will be given to the  
leading entrant in each ARRL section. Complete rules appear on page  
54 of November QST. Send a postal or radiogram to ARRL Headquarters  
giving the call of the station from which you copied this message  
and you will receive gratis convenient report forms for the VAS  
Contest.

\* \* \* \* \*

Les Allen, W2COT, has got himself a brand Nation HRO 60. A fine  
looking job and really fits in with that fb knotty pine operating  
room at Quinton Avenue.

Bill Pettyk W2H12, got himself another new country the other  
morning in the form of PJ2AD in Aruba in the Netherlands West Indies.

The mimeographing of the DVRA News is being done by our good  
member Dick Americk. Dick is also Assistant Editor of the News.

# DVRA NEWS

## ZI's KORNER

Been hearing from Tony Sive, W3HT/2 on 75 meters lately as he has established residence here in Trenton again and is now working his rig out of 30 Ashmore Avenue with a helical verticle antenna which seems to work out fb. Tony is also quite a mobile operator as he can be heard on most any time with that 50 wattter of his from the car, and it sure gets out too.

Some of the latest mobiles to go on the air from Trenton and vicinity on 75 meters are W2OLP, W2CKE, W2UDA and W2SHK. Welcome to the ranks fellas, we sure need a lot more on this band.

Recently had a nice letter from old friend Dave Middleton, W5CA. In part "Enjoy the DVRA News and especially your pafe. Seems good to read it again." Mid calls my attention to Earl Mead, W7LCM, of Huntley, Montana. Earl is 100% bed-ridden with broken back and very active on all bands. See YL page in October CO. Earl also writes subscriptions for all magazines as source of income. A good place to renew any magazine, fellas and for a good cause and a swell guy.

We understand that Les Allen holds the record for chawin' the sock on 75. Coupla Sundays ago we started out with our mobile job around 8 A.M. and worked Les enroute to W2UD transmitter shack. At noon on way to lunch he was still "wound up and gassing freely." Any by-gosh on way home at 6 P.M. he doggoned if we still didn't hear him working some feller down PHilly way. Guess we will have to confer on him the grand order of the Ham-Gassers 'er sumpin'.

Got a post card from Joe Richey, K2AT the other day from Spokane, Washington. Seems though he visited an old buddy of mine W7JY out there in the golden west, quite by chance, during his travels for A T & T. They both work for the same outfit, too.

Why can't we stir up a little more interest in the Merced County MARS Net which operates every Wednesday evening at 8:30 P.M. on 4025 kc. There are now some 16 registered members in this area signed up in MARS, so lets take advantage of this local net to get some good training and a bit of rag chewing along with it at least once a week. It sure is a nice medium for the local boys to get together for exchange of ideas, traffic and a bit of gossip. If interested see W2ZI/A2ZI for further details, who is the County Net Control.

Undertand that Doug Barwiss, W2LSS is about ready to get on 10 meter mobile. He has been working hard toward this end for some time. Lots of luck Doug me lad. Also hear that Fred Eckhart, W2KTE, is now operating 10 meter mobile

Roll Reed, W2PHN tells us that he built himself a nice new home up back of Harborton and has been so busy getting things in shape that he has no time for ham radio. Roland also took upon himself a wife-mate bi-golly. Congrats om.



# DVRA NEWS

G A S

F U M E S . . . A report of mobile activities by W2UPS

Welcome mobileer's to another issue of Gas Fumes. With the falling of autumn leaves and the frost on the pumpkin, etc., we begin to realize that winter weather will soon be upon us. That means that we'll have to be more careful about using the rig as you know that on those cold mornings it takes a little extra soup from the old tired battery to turn over the engine. With the darkness falling earlier and using the headlights more plus the heater going to keep the YL or XYL happy, it pays to keep an eye on the specific gravity.

Our good friend, W3FNL, Joe Piechowski is really keeping the CD fires burning over in Morrisville. On October 1, the Morrisville CD pulled an alert and Joe had a bunch of mobile volunteer their services and equipment. The alert served two purposes: One was to check the loudness and audibility of the air raid sirens in Morrisville, and the other was to check on traffic conditions in Morrisville and on all roads leading to and from the town. The communications were handled on 29.4 mc. and there were eleven stations relaying the information back to net control, where W3FNL was at the controls. The mobile stations were, W3GFC, 3RCW, 2GYV, 2IIA, 2RYB, 2RMC, 2ZNO, 2ZJD, 2HX, 2LYY and 2FCY. Yours truly was regrettably unable to attend the affair to give Joe a hand. He says they really kept him busy for about a half an hour, but I bet he loved every minute of it. Hi. For the information of our readers who do not know Joe, W3FNL, he is our only totally blind amateur in the vicinity and is doing and has always done a commendable job in everything undertaken.

We hear through the grapevine that Brud Bathke, W2IZA, is building a rig for 10 mobile to run off the receiver power supply. The Trenton CD Net is still limping along with 2 or 3 stations calling in on Friday nites. We understand, via the underground (no relation to the grapevine) that the fellows are waiting for the city to make a definite move towards real serious planning for CD. We had the pleasure of working W2 GYV the other nite after the CD meeting at City Hall. Walt sure puts out a nice walloping signal from both the kw and the mobile station. Also heard Larry, 2DOX, cgoing W2US from CD Headquarters station after the meeting. W2US announced at the meeting that Princeton now has five mobile stations working in the CD network. The Princeton CD Council is going to conduct their next meeting with the members riding in the various mobile stations. Sounds like a novel "first" and should give the Council a first hand idea of what it takes to get a mobile station on the air and organize an efficient network. Good luck fellas.

\*\*\*\*\*

COMING SOON \* THE NEW LOOK \* BE ONE OF THE FIRST TO KNOW \*\*  
READ THE DVRA NEWS ALWAYS

\*\*\*\*\*

Yearly subscriptions available to the DVRA News. Cost of 50¢ per year to cover the cost of mailing. Contact Doc Thornley, Bus. Mgr.

# DYRA NEWS

## SELL & SWAP

FOR SALE: 600 volt, 150 ma. dynamotor, 6 volt primary.  
28 volt, 15 amp. dc power supply (for ART-13 transmitter)  
Full set of B&W one kw. coils, 5 in the set.  
BC-645 transmitter/receiver by General Electric.  
SCR-522 transmitter, with or without power supply.  
SCR-522 final amplifier for above rig with 2E29 (829B) tube.  
Navy GF-12 transmitter with all plug in coils, brand new.  
Crystal controlled portable transmitter for 40 and 80 meters  
with or without power supply. Just the thing for the  
novice getting started.  
Emerson FM broadcast receiver (new).  
Air King standard band BC receiver, excellent condition.  
1000 volt, 866 power supply.  
Also oodles of good radio parts for the novice, experimenter,  
and the ham who likes to make it. Come take 'em away at  
your price.  
Ed G. Raser, W2ZI, 315 Beechwood Ave., Trenton. Phone 3-4809.

FOR SALE: TZ-20 tube, brand new.  
PE 101-C dynamotor, brand new.  
Millen ECO, plugs into present crystal socket, output  
on 80 and 40 meters. First \$20.00 takes it.  
5 volt filament transformers.  
7.5 volt filament transformers.  
50 watt driver and modulation transformers.  
Bill Petty, W2HAZ, 777 Chambers, Trenton.

FOR SALE: DPS-50 dynamotor for Harvey Wells or equivalent,  
Brand new, \$60.00.  
ST-54 National receiver, \$40.00.  
Les Babcock, Melrose Manor, Toms River, N. J. - W2EGM

FOR SALE: Anything in the radio, television and electronics line.  
Les Allen, W2OOK, Allen & Hurley, 23 S. Warren, Trenton.

OSL's by W2HAZ, Petty Printing, 17 Southard, Trenton.

FOR SALE: Used juke boxes, amp used pr 616, 12 in splr, 78 rpm,  
18 and 24 records. See Bill Petty, W2HAZ.

Trenton seems to be coming in for its share of the new K calls.  
Most recent brought to our attention have been K2ART, Mike Pilla of  
Chambers St., who recently passed the General exam, fb om.; KN2BDK,  
Gary Katona of Liberty St., operating on 80 meters cw; KN2BDA, Carl  
Veik of Bergen St., also active on 80; and KN2BMX, George Kashner,  
of Redfern St., another 80 cw enthusiast. Hear rumors of KN2BNB,  
Bob, and thats all we know of him



# DVRA NEWS

## DOTS, DASHES AND FEEDBACK AT CLUB HEADQUARTERS

Activities at our club station since it's reactivation have been on the increase and with the coming of the long evenings, we hope to have an operator on duty each night to spread the call of '230 far and wide. Our radio shack is beginning to take shape and all the comforts of home are in the process of being provided for. By the time you read this article, a space oil heater will have been installed for heating and operating comfort.

Some of the operators who have been keeping the filaments hot on the hill are '2's EUH, CVD, FDE, COK, FPT, LZA, ZI, UPS, UAE. Bill Hannah, '2EUH, has been keeping a schedule with VE9AN several nights a week. VE9AN is located in the northwoods and is a governmental experimental station 130 miles north of Quebec.

Our station has been checking into the State Civil Defense Net on Sunday mornings at 9:30 and '2CVR, Civil Defense Radio Coordinator, commented on the fine consistent signal of "ole 20." We want to make it a regular practice to check into this net (take note Class A ops.)

A swell roundtable was enjoyed the night of October 10th with K4WSC at Fort Bragg, N.C., '4RHH in Morgantown, N.C., '2COK, '2EUH, '3HTT/2, and '230. A mazing as it may seem, the reports given to COK and EUH from Fort Bragg were 10 db and 15 db respectively below '230's signal and 20 was running 375 watts, COK 50 watts, and EUH was spinning the watt-hour meter to the tune of six watts. Believe it or not, we really had the channel cleared.

'2UAE kept a schedule with '2RHU of Wildwood, N.J., who was a welcome visitor to our last club meeting.

Our night protection lights at the shack were recently changed to a better location on one of the poles to give better flood lighting of the area. The pole climbing and high wiring was done by our ambidexterous Dick Americk and ground assistance was given by '2LZA, FPT and UAE. Dick Henric, '2UPS, hammered a hole through the wall and installed a feed through insulator to hook our center fed antenna up. Also Dick accomplished some painting on the trim wood on the outside of the building when the weather permitted.

The club and all its members sincerely thank Barbour Brothers Steel Company for their donation of some steel plate cut to fit the wiring troughs in the shack floor. '2FDE and '2COK and Don Weeks went to work on the surplus wire in the engine room, getting some of it untangled and stored neatly.

Ed Croczen, '2YFT, has sets of keys for all members in good standing and they are obtained by depositing a dollar with him.

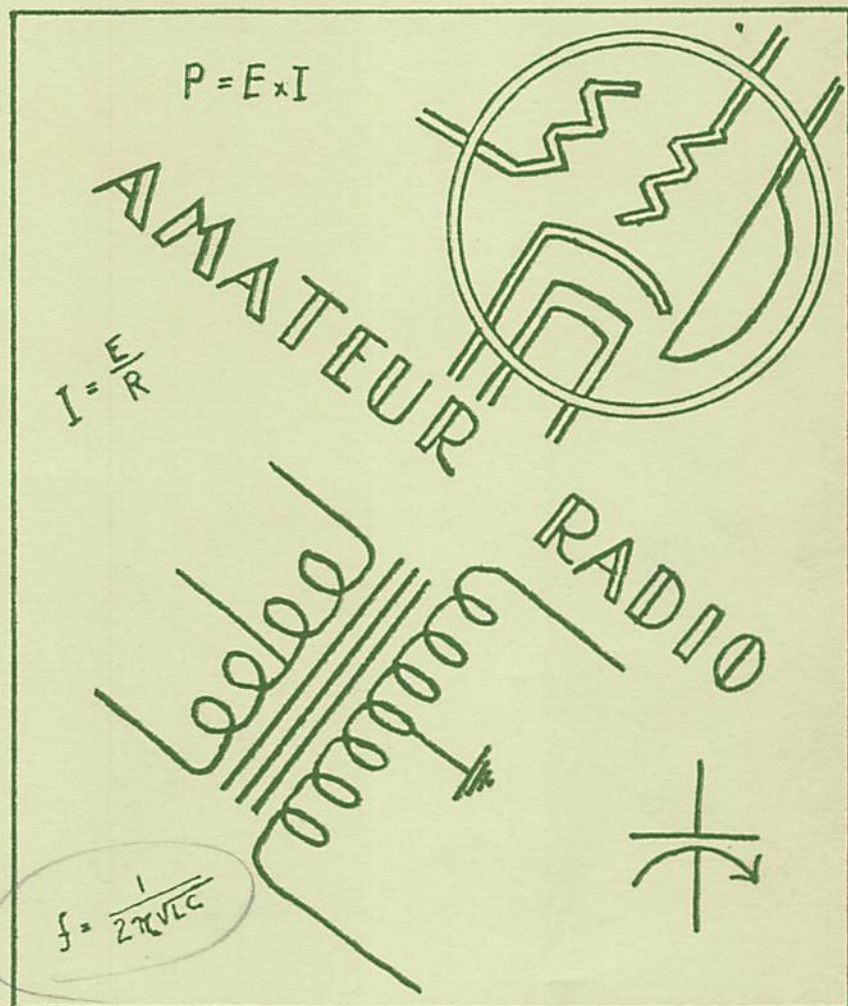
The facilities of the club house are for the use of DVRA members only and to go into further detail, paid up members. No non-members should be permitted to operate the transmitter. Visitor may always have operating privileges under guidance of member provided the visitor has necessary license.

-- '2UAE

# DVRA



W2ZQ



# NEWS

Official Publication of  
*Delaware Valley Radio Association, Inc.*  
Trenton, New Jersey

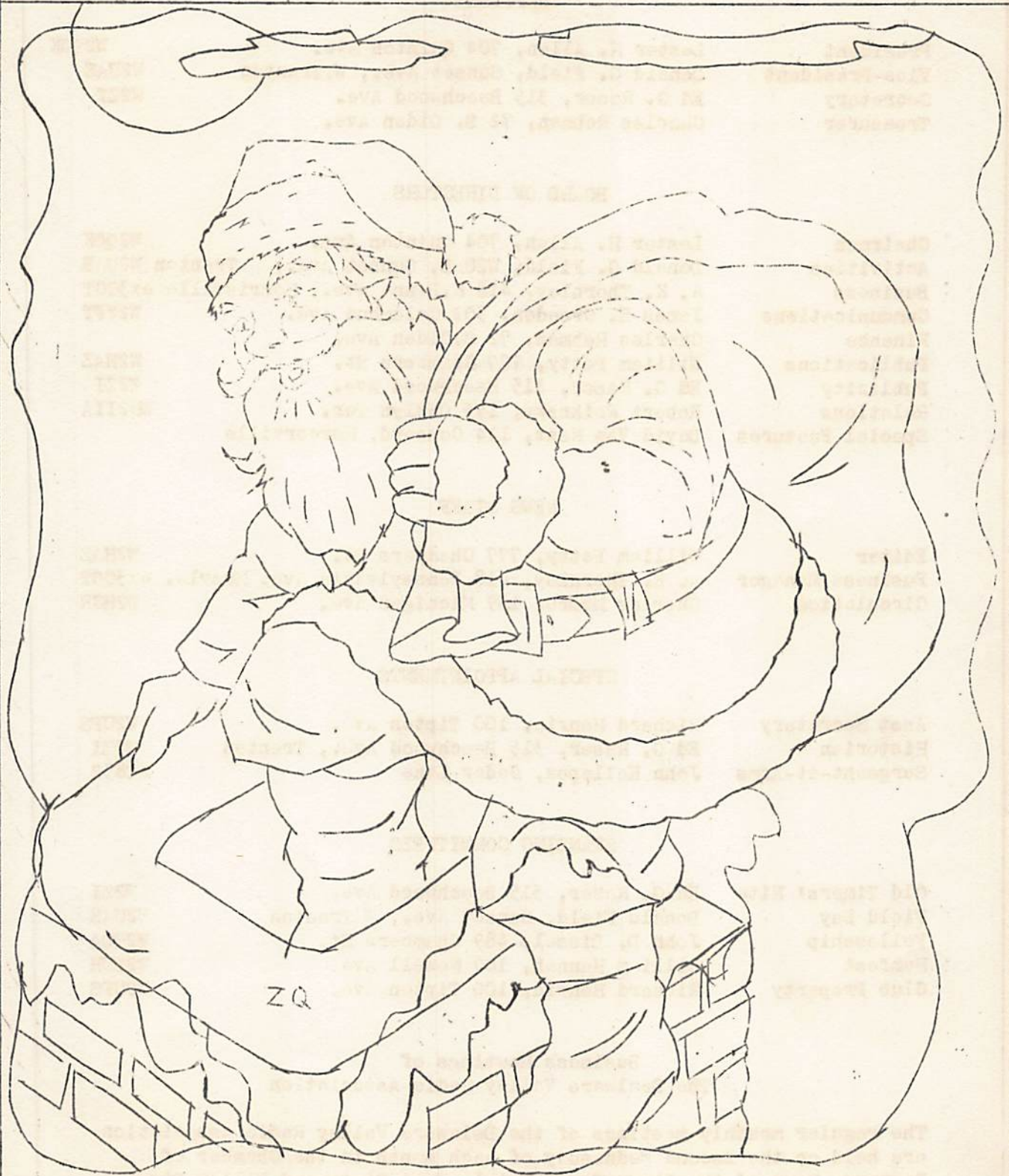


DVRA NEWS

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No. 12



# DYRA NEWS

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Vice-President	Donald G. Field, Sunset Ave., W.Trenton	W2UAE
Secretary	Ed G. Raser, 315 Beechwood Ave.	W2ZI
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Historian	Ed G. Raser, 315 Beechwood Ave., Trenton	W2ZI
Sergeant-at-Arms	John Kallapos, Cedar Lane	KA832

## STANDING COMMITTEES

Old Timers' Nite	Ed G. Raser, 315 Beechwood Ave.	W2ZI
Field Day	Donald Field, Sunset Ave., W.Trenton	W2UAE
Fellowship	John D. Diesel, 489 Chambers St.	W2WOA
Hamfest	William Hannah, 107 Newell Ave.	W2EUH
Club Property	Richard Henrie, 100 Tipton Ave.	W2UPS

## Business Meetings of The Delaware Valley Radio Association

The regular monthly meetings of the Delaware Valley Radio Association are held on the second Wednesday of each month in the Chamber of Commerce Room of the Stacy-Trent Hotel, West State and Willow Sts., Trenton, N. J. The business meeting will start promptly at 8:00 P. M.



# DVRA NEWS

Official Bulletin 370 from ARRL October 13, 1952

The Danish amateur society invites participation in the Sixth All European DX Contest. The CW section of the contest will be held from 0001 GCT December 6 to 2400 GCT December 7 and the phone competition from 0001 GCT December 13 to 2400 GCT December 14. Further information appears on page 126 of November QST. A complete contest announcement may be obtained upon request from ARRL or EDR Contests Committee, Post Box 335, Aalborg, Denmark.

\* \* \* \* \*

Official Bulletin 371 from ARRL November 7, 1952

The recent FCC announcement which removed Lebanon from the list of countries with which QSOs are forbidden also permits contacts with stations operated in Japan by Japanese nationals after October 13, 1952. The countries with which communications are still forbidden under the FCC Public Notice of December 21, 1950 are PK, except Netherlands New Guinea, FI, EP, EQ, HS, and OE, except allied occupation forces stations in Austria. Complete details will appear on page 75 of December QST.

\* \* \* \* \*

Official Bulletin 372 from ARRL November 13, 1952

IARU headquarters has been informed that amateurs of the following countries are permitted to operate on 21 mc.: Argentina, Australia, Belgian Congo, Brazil, Burma, Canada, Chile, Colombia, Cuba, Denmark, Dominican Republic, Ecuador, France, Germany, Great Britain, Guatemala, Iceland, Japan, Netherlands Antilles, New Zealand, Norway, Panama, Peru, Philippines, Northern Rhodesia, Union of South Africa, United States, and Uruguay. Several member societies of the Union are in close contact with their government officials and hope to have the 21 mc band available at an early date.

\* \* \* \* \*

On Tuesday night, around 8 pm, on the low end of 80 cw, the European stations were coming through. W2ZQ was there for the NJ CD Net on 3603.5. Conditions were so bad, that W2ZQ had to act as relay station between the NCS, W2RG in Merchantville, and the other stations in North Jersey. We have also been checking into the NJ ops net on 3695 at 1900 evenings. There is a lot of operating to be done up there and schedules to keep if anyone is willing to accept the job once in a while.

\* \* \* \* \*

While we are on the subject of CW operation, the club station could use a pair of phones for cw operation. Also a bug, if any phone convets have one lying around the house.

\* \* \* \* \*

W2HAZ picked up another new country on 20 cw about 7 am the other morning. GD3UB on the Isle of Man.

# DVRA NEWS

## GAS FUMES

We would like to drop a few words on the predicament of the Trenton Civil Defense Mobile Net. At the present time it is practically non-existent, except for a few die hards I guess. There are some 18 to 20 amateur mobile stations in Trenton and vicinity who without a doubt, could probably get some sort of an emergency communications network going in the event of a disaster or holocaust. How efficiently it would operate, or how long it would take to get operating, we hesitate to say. However it doesn't take a genius or mastermind to understand that an organized communication network can be put into action 2 or 3 times faster and operate 2 or 3 times more efficiently than a group of operators who have real good intentions but lack the necessary training and practices. What we're trying to get across guys, is that the Trenton area with some 20 mobiles floating around, should have an organized mobile network. Be it run by the Trenton CD, the Mercer County CD, one club, two clubs, an independent mobile club or just a free lance net, it should be an organized one. Let's hear from you on this and have a few suggestions.

As we go to press, I am working with Art Westcott, W2KHL, from nearby Princeton to coordinate some of our drills. We hope to add some interest to the drills, so that the fellas will get a little more satisfaction from them. Art has been doing a swell job up there in Princeton with the mobiles. We welcome another new mobiler to the gang, W2KVJ, Ron. In the near future we hope to get some photos of mobile stations in the DVRA News. How about dropping us a line on your lineup of mobile equipment for publication in the News.

W2LZA what happen to that rig you were building? Can't work any DX with a PA system. hi. W2CEH and W2LSS back from Florida are heard quite regularly on Friday nights.

We would like to take this opportunity to wish everyone, especially the mobile boys, a very Merry Christmas and a Prosperous New Year with lots of short skip. Hi.

73 W2UPS

\*\*\*\*\*

Where were all the club members during the recent two weekends of the sweepstakes contest? Operation and cooperation was not the best. With some more operators and a schedule of shifts, we could have made a good score. However, in five hours of operation, we did come up with 71 contacts in 31 different sections for a score of 4,371. Operating was done by W2HAZ with W2UAE and W2LZA helping with the log keeping.

\*\*\*\*\*

Anybody got a good system for eliminating wasps and mice? We have plenty of boys up at the club house.



# DYRA NEWS

## ZI's KORNER

Had a wonderfull vacation follers, just like old times being back at sea again on a big cargo vessel. Shoved off from Pier 45, North River (NYC) at 4 p.m. aboard the new Grace Line boat S/S Santa Sofia bound Puerto Cabello, South America, November 1. She was loaded with general cargo and automobiles, with a large deck cargo of tractors and trucks for Matanzas and Aruba. Had a grand time with the three radio operators (radio officers to you - bl' gosh) aboard and we swapped yarns and chawed the fat each evening up top-side in the radio shack. The equipment was built by Federal Tel & Radio Corp. and controlled by MacKay Radio, with both med i m and high frequency gear aboard. Made some 7 ports of call and the vx held fine throughout the voyage. The Santa Sofia is a 12 000 ton combination passenger and cargo carrier, built in Kearney, N. J. in 1947, completely air conditioned and a "swell girl" she was, you can bet.

Activity seems to be perking up at the new club station, W2ZQ, at Mercer Airport. The bugs have been taken out of the 1 kw transmitter, new center fed antenna erected for 75 meter operation, and everything now looks ship shape at the operating position, thanks to W2UAE, W2UPS, W2OOK, W2EUH and a few other kind souls. The net phone schedules have been taken care of by a few hearty folks who have been able to arise on time for the 9:00 a.m. skeds, while Bill Peaty, W2HAZ, has been handling the evening cw skeds when able. Nice work lads.

Barney, W2OVD, hit the jackpot the other night while operating W2ZQ, when KP4PM in Puerto Rico gave him a buzz. Understand a 100% QSO resulted for some 30 minutes and after he signed off most of the east coast had been listening and tried to "ride in" on his contact. Any way Barney sez it was his very first DX and quite a bang out of the whole thing. Nice going OM.

We hear thru the grapevine that Charlie Westwood, W1YGU, has gone "plutocrat" and procured for himself one of those "store boughten" Collins 32-V3's. Boy, looks as though the days of make yer'own have passed for most of us. Understand that Charlie had quite a field day however when he first went on the air with the thing, as just about everyone answered him when he called. Can't blame ya fella, have always had a yen for the Collins gear myself.

Ray DeVos, W2TAN, called us on the phone to say he had arrived back from Japan recently and received all the traffic sent to him from his wife via the N. J. MARS Channels and A2ZL. Sure nice to know that the networks really do work and that he was able to keep in touch with home while overseas. Ray sez he held the call of K2WPT and operated his own rig over there part of the time. Swell to have you back, om.

See our old friend Dave Middleton, W5CA, has been reelected director of his Division. Congrats om.

Congrats to "B-B" Ventzel, W2HX, who "tied the knot" recently and is now among the married OMs.

# DYRA NEWS

## SELL - SWAP

FOR SALE: 600 volt, 150 mc. dynamotor, 6 volt primary.  
28 volt, 15 amp dc power supply (for ART-13 transmitter)  
Full set of B & W one kw coils, 5 in set.  
BC-645 trans/rcvr by GE  
SCR-522 transmitter, with or without power supply.  
SCR-522 final amp for above rig with 2E29 (829B0 tube  
Navy GF-12 transmitter with all plug-in coils, brand new  
Crystal controlled portable transmitter for 40 and 80 meters,  
with or without power supply. Just the thing for the  
novice getting started.  
Emerson FM broadcast receiver, brand new  
1000 volt, 966 power supply.  
Also oodles of good radio parts for the novice, experimenter,  
and the ham who likes to make it.  
Come take 'em away at your price.  
See Ed Raser, W2ZI, 315 Beechwood Ave., Trenton. 3-4809

FOR SALE: TZ- 2- tube, brand new.  
PE-101\*C dynamotor, 6 or 12 volt input, brand new.  
Millen VFO, plugs into present crystal socket, output on  
80 and 40 meters. List \$42.50. Sale for \$20.00.  
5 volt filament transformers.  
7.5 volt filament transformers.  
OSL cards of all types.  
Automatic music boxes, 18 records, amplifier uses 6F5, 6F6,  
and pair of 6L6 in output to 12 inch speaker.  
50 watt modulation transforer, also driver transformer.  
See Bill Petty, W2HAZ, 777 Chambers, Trenton.  
FOR SALE or trade for communications receiver: Signal Generator, I-222A  
20 mc. to 215.75 mc.  
See Budausey, Phone 50401.

\* \* \* \* \*

The sweepstakes recap here at W2HAZ for 5½ hours operation came to  
54 contacts in 27 sections. Used the little field day 25 watter and  
managed to get into W7 a couple of times and KZ5. Lets have the  
scores of the rest of the gang and we can get them all in the News.

\* \* \* \* \*

The telephone is installed in the club shack now. Don't abuse it  
please. No long distance calls except in case of emergency or cd  
obligations. The number is TRenton 2-7198.

Those new Walso plastic boxes the samll screws etc., come in make fine  
razor blade boxes for the used blades in the medicine cabinet.



# DYRA NEWS

## DOTS, DASHES AND FEEDBACK

The month of November was opened at the club station with "Ole ZI" at the mike and this month the shack has made some real strides toward being a very nice clubhouse and radio station. Many improvements have been added, including a very adequate heating plant, and a much needed telephone. If you aren't getting up to the shack and participating in the activities, you are missing a lot of opportunities to meet the gang and an opportunity to operate one of the best outstanding stations, W2ZC. Our signal is one of the most outstanding on the 75 meter phone band, the best of the New Jersey Civil Defense Net on Sunday mornings at 9:30 a.m. We have been suggested as becoming the NCS for this net since our signal is so outstanding.

Since our first participation in the CD net on September 28, we have been able to report in eight Sundays in all. This is an activity we must be a part of and through it be of value to the community, county and state. W2ZI, 200K, and 2 UAE have been handling the operating, with 2UPS and 2LZA furnishing transportation to 2UAE after his car figured in an accident. We can use you Advanced and Extra Class ops to help out on this net participation program.

W2EJH who supplies the Scottish accent to our operating staff, had several Florida and Georgia contacts while trying to get into Macon, Georgia for his brother-in-law but was unsuccessful. W2FDE worked Wisconsin for another entry in the log. Our old friend, W2JAG, the op with the sea legs, has made an entry or two in the log on his short runs home. W2COX, our own president, went up to the shack to let the telephone men in and gave them a little demonstration on our transmitter. Two contacts followed, one in Trenton and the other in Morrisville. W2IGU has been up to tune in a few also. He now is sporting anew Collins V3 at the home QTH.

W2ZC was asked to represent the State of New Jersey in the recent regional net drill but could not take part because it was essential to have phone connections into the State Police Headquarters and the State House Civil Defense Headquarters. We now have the phone and can serve as needed.

W2QV1 has a nice entry in the log, KP4WM. Keep up the good work Barney. W2LMA and 2UPS have been keeping the call of W2ZC going in the cw circles. W2H1Z also added a very nice bit of cw work to the log when he made 71 contacts for the club station in the recent sweepstakes contest. Nice going Bill. W2UAE got the heater installed and W2UPS finished the cementing around the stove pipe. W2UPS, 200VJ and 2Y48 made up the extensions for the center feed antenna feeders and hooked up the antenna to the feed-thrus. W2APA made up a very nice sign for the outside of the building to identify the station for the public. Roy also made up a very nice bulletin board and a QSL board for the inside of the shack and spend several hours installing these boards at the shack. Many thanks Roy. (While on the subject of the QSL board, bring your card up when you come or mail to me and I will see that it gets on the board). W2FDE and Don Weeks now have house maid's knee

(continued next page)

# DYRA NEWS

## DOTS, DASHES AND FEEDBACK (continued from previous page)

from scrubbing the floor. W2HAZ got hold of a used 9 x 12 rug from his boss which insulates the feet on those cold nights. W2UPS plugged up the wire troughs in the floor which led to the outside. Insect powder has also been placed in these to get rid of some of the wasp's nests. W2HAZ donated a telephone stand and K4UE installed it on the wall. Bill has a coat hanger under construction which should be in place by the time this is read. The shack is getting to be quite livable now.

We still have a few items which we need at the shack, and if you know of the whereabouts of these items, don't hesitate to get them out there. A small hotplate to make a pot of commee on, is a must and can be put into service as soon as obtained. A fire extinguisher should also be standard equipment and we need one. A typewriter stand, some danger high voltage signs, a large world map and a large United States map can also be used. Won't you help us add these items to the shack. Don't forget that every Tuesday night is "operational night" up on the hill and its a good night to come up and find out what is going on. See you there.

-- Don Field, W2UAE

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Any of you traffic boys or anyone interested in breaking into traffic work, drop a line to ARRL Headquarters and ask George Hart, W1NJM, for the pamphlet on the National Traffic System. The NTS needs traffic men. George is doing a fine job as manager, let's give him some support.

\*\*\*\*\*

W2HAZ finally got that 100th QSL verification in the mail on the day of the snowstorm, Dec. 2. If all goes well, should have that much sought after DXCC Certificate in time for Christmas.

\*\*\*\*\*

A CD Test for New Jersey coming up on December 13 and will have more information later. An ideal place for W220 to make a showing as tentatively will have one fixed station with mobiles working into it.

\*\*\*\*\*

BEST WISHES FOR A  
MERRY CHRISTMAS  
AND A  
HAPPY NEW YEAR

from the News Staff