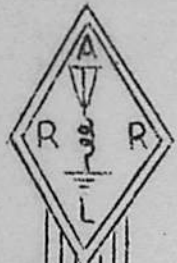


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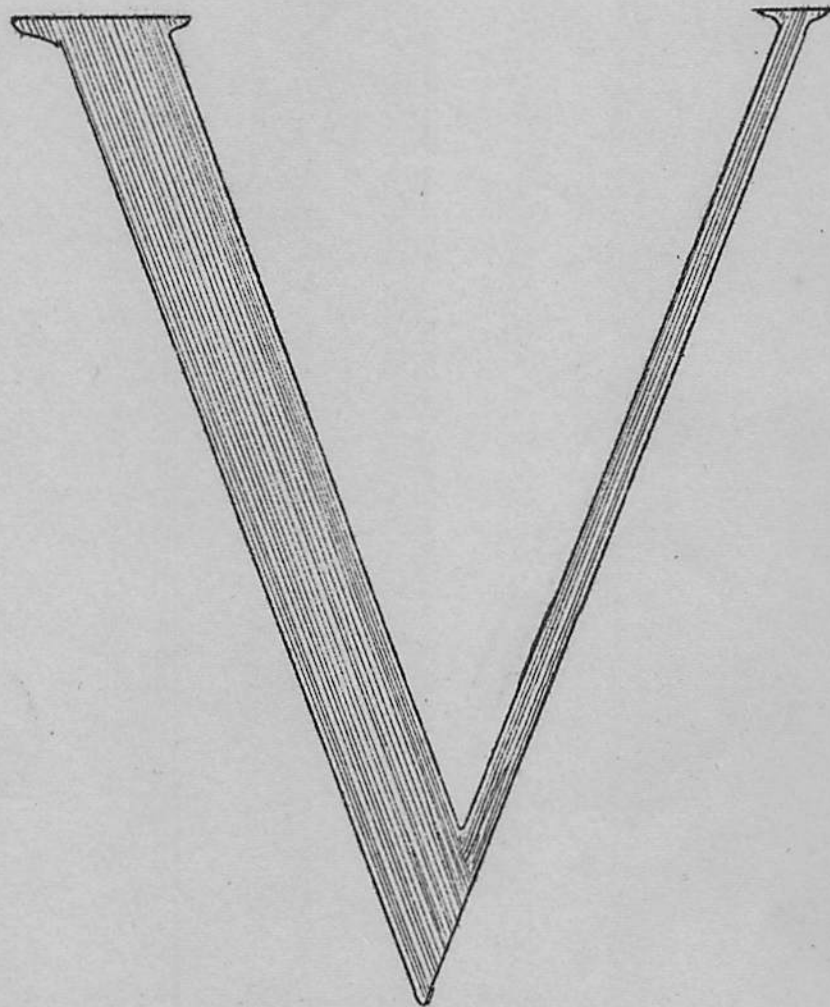
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January, 1942

LET US DO OUR PART...



NEWS

VOL.
VII
NO.
1

OFFICIAL ORGAN OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC. Trenton, N. J.

Edm. A. Blawie (W3JOL)

1911

LET US DO OUR DUTY



NEW

NO. 1

NEW



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EMERGENCY COORDINATOR
SOUTHERN NEW JERSEY SECTION

Theodore Torretti W3BAQ
11 Livingston St. Trenton N. J.

EDITORIAL

On Sunday morning, December 7, 1941, when the armed forces of the Japanese Empire cowardly attacked our American Possessions in the Pacific they roared a challenge; not only to every member of our Red-blooded American Citizenry, but to each and every decent-thinking individual who believes in preservation of freedom and human life throughout the entire wide world. Amateur Radio suffered

the ultimate as a result of this dastardly "stab in the back". Cessation of general amateur activity has been accepted by the Fraternity as necessary measure for the protection of our Country, our Homes, and our Families.

The American radio amateur has accepted that challenge. Hundreds of our Fraternity are serving with various branches of Uncle Sam's armed forces, and those of us unfit for military duty stand ready to serve to the best of our ability on the Home Front in Civilian Defense units of whatever type necessary. Our services as radio operators, as well as what equipment one may have are available for "All-out" defense. Amateur radio is collaborating with State and Municipal defense authorities throughout the country to service in Air raid warning units, auxiliary nets, and emergency communications networks.

There lies ahead of us a big job, a job which must be regarded seriously. We have no doubt as to future response, amateur radio has delivered in the past; it will deliver again in this, our greatest emergency in National history. When called upon amateur radio will do its part in driving from the face of the Earth the yellow-bellied dotage of the Black Dragon and their stupid advisors.

OFFICIAL DOPE

For the information of those interested, we reprint herewith the official information as received from the Federal Communications Commission to date:

FCC 56105 - December 8, 1941

NOTICE TO ALL AMATEUR LICENSEES!

All amateur licensees are hereby notified that the Commission has ordered the immediate suspension of all amateur radio operation in the Continental United States, its territories and possessions. Under this action all amateur radio operation in the Continental United States, its territories and possessions is prohibited until further notice. In any instances where amateur radio operation is deemed to be required in connection with national defense, appropriate authorization to engage in such operation will be issued but only upon application by a duly authorized federal, state, or local official made to the Defense Communication Board.

BY THE COMMISSION

T. J. Slowie, Sec'y.

FCC 56088 - December 8, 1941:

BAN ON AMATEUR RADIO OPERATION TIGHTENED; BROADCAST MONITORING SCHEDULES CANCELLED

Following special meetings this morning of the Defense Communications Board and the Federal Communications Commission, the ban imposed last night on amateur radio communications in the United States, its territories and possessions was tightened by the Commission to include all amateurs except those who may be permitted to function in a special national defense category upon specific recommendation of the Defense Board.

Until further notice, the Commission has cancelled all monitoring schedules by broadcast stations heretofore maintained after midnight hours for the purpose of checking frequency stability of such stations. This was done in order that full use may be made of broadcast stations for defense purposes. Previously, each station was required to maintain silence during periods after midnight so that frequencies of stations sharing the same channel could be monitored effectively.

FCC 56121 - December 9, 1941:

**ACTIONS BY THE COMMISSION
(RULES AND REGULATIONS)**

Report No. 29 - The Commission en banc today took the following action:

To preclude further complaints alleging that certain manufacturers are operating experimental radio stations for demon-

stration of equipment in connection with prospective sales, the Commission amended Sections 5.2, 5.3, 5.51 and 5.53 of its rules and Regulations Governing Experimental Radio Services, effective immediately. The amendments are designed to provide the Commission with a more effective control of such stations, both for the purpose of insuring compliance with intent of such regulations and enabling the Commission to pass on the propriety of the particular operation. Accordingly, Class 1 and Class 2 experimental stations are re-defined, and licensees are required to file certain pertinent information with the Commission.

Report No. 30 - FCC 56146 Dec. 10, 1941

The Federal Communications Commission yesterday supplemented the "National Defense" section of its General Rules and Regulations with a new rule (2.93) dealing with "Naval instructions regarding ship radio services" which reads as follows:

"No provision of the Commission's Rules and Regulations shall, in time of war, prevent the master of any vessel of the United States from taking any action whatsoever in regard to the radio installation, the operators, the transmission and receipt of messages, and the radio service of the ship whenever in his discretion such action is necessary to carry out the instructions of United States Naval control officers and other instructions issued by the Navy Department."

Report No. 31 - FCC 56359 Dec 16, 1941

The Commission en banc today adopted order no. 83-A, suspending for a further period of six months beginning January 9, 1942, the provisions of Section 13.61 (c)3 and (d) (2) of the Rules Governing Commercial Radio Operators which required that such operators possess six months previous ship service to be eligible for employment as the single radio operator on a cargo ship. This is in consideration of the obvious necessity for creating an additional supply of experienced radio operators during the present national emergency.

FCC 56131 - PUBLIC NOTICE - December 9/41

The Federal Communications Commission announces that at the request of the Army, it has assigned field inspectors to perform liaison duties between the Interceptor Command and the commercial radio stations in each area where radio silence may be required. When the inspector dir-

OFFICIAL DOPE
(contd)

ects a station to maintain radio silence, it should be understood that the order originated with the Interceptor Command of the Army and carries with it the authority of the Federal Communications Commission.

Radio stations will be advised as promptly as possible when radio silence is no longer required so that they may resume normal operations. In this connection, plans are being made to effect a more rapid system of communication between the Commission's Inspectors and the radio stations which may be required to go off the air.

At the present time radio inspectors may be reached through the First Interceptor command headquarters, Mitchell field, New York, The second Interceptor Command headquarters, City-county bldg, Seattle, The third, Interceptor Command, headquarters, Drew Field, Tampa, Florida, and the Fourth Interceptor Command Headquarters, Riverside, California. Later, it is expected that additional inspectors will be placed on duty at information centers in 19 other cities, thereby affording more efficient and convenient communication service to all concerned.

"PARALLEL FEED FOR AUDIO WORK"

----- *W3CCO -----

FEATURING:

Higher Efficiency with less Distortion
Better Matching -- Saturation Relief

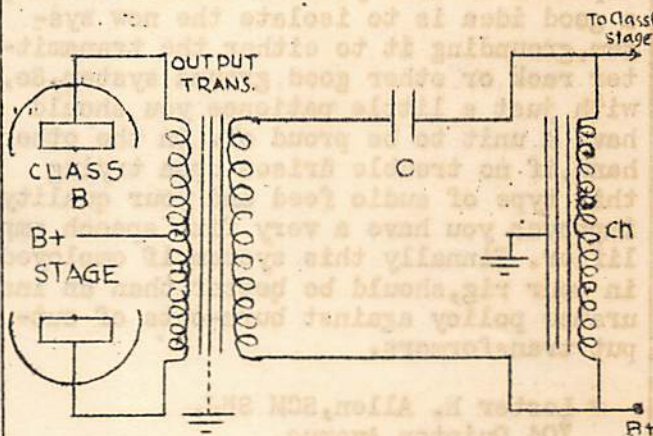
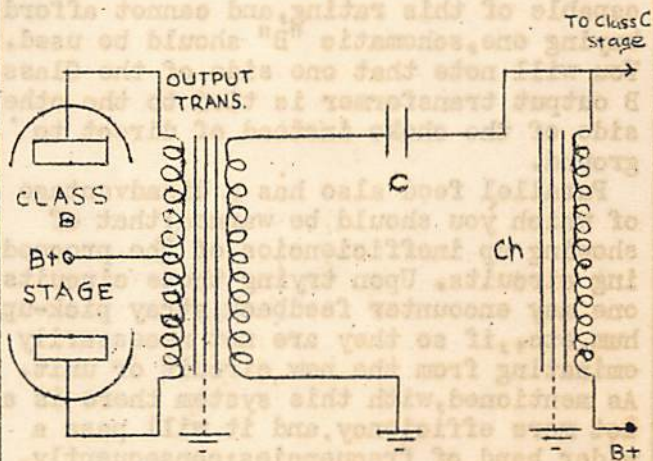
It is the opinion of the author that the greater number of the Phone Fraternity are quality conscious and ever interested in any wrinkle to improve their quality; that is why I submit the following idea. The question heretofore has usually been, "How much will it Cost?" The answer depends upon your junk box, or whatever your needs may be if you have to purchase the necessary components, but, should be very little regardless of whether you must purchase or not.

Parallel feed in audio work is not a new circuit, but one forgotten in the haste to construct speech or modulation equipment. Parallel feed will give higher efficiency, relieve DC voltage from the output transformer, and allow better match to the Class "C" load. The higher priced broadcast receivers and public address systems usually follow this method for several reasons, one of which is to get a greater width of tone response with a minimum expense; so, taking this into consider

ation I thought it worth while and decided to give it a whirl on my Class "B" modulator and see just what the result would be.

Upon completion of the unit I contacted a local station and made the usual inquiry, "How's my quality tonight?" The reply came back this way, "What have you got over there, one of those new-fangled wide-range mikes?" Not yet ready to make any definite decision, I decided to try some out of town stations to get their opinions, which were all very favorable. I am not using the best audio equipment nor am I using the worst either. The following circuits are the ones I used during my experiments:

SCHEMATIC "A"
(preferred)



PARTS NEEDED

"A"
C - 2 to 4 MFD, Must hold Class C voltage plus audio voltage, plus, 30% tolerance

Cont next page.

"PARALLEL FEED" (Cont)

Ch - 30 to 45 Hy. Choke of necessary
voltage rating

"B"

C - 2 to 4 Mfd paper condenser: MUST HOLD
AUDIO VOLTAGE plus 30% tolerance.

CH - 30 to 45 Hy. choke of necessary
voltage rating.

Schematic "A" is the straight parallel feed circuit which is the preferred way of doing the job; it relieves all DC voltage from the secondary of the Class "B" output transformer. However, a bypass condenser of proper voltage rating must be used that will be capable of safely handling the Class "C" voltage, plus the audio voltage, plus 30% tolerance. If you do not happen to have on hand a condenser capable of this rating, and cannot afford buying one, schematic "B" should be used. You will note that one side of the Class B output transformer is tied to the other side of the choke instead of direct to ground.

Parallel feed also has a disadvantage of which you should be warned; that of showing up inefficiencies of the preceding circuits. Upon trying these circuits one may encounter feedback, stray pick-up, hum, etc., if so they are not necessarily emanating from the new circuit or unit. As mentioned, with this system there is a lot more efficiency, and it will pass a wider band of frequencies; consequently, trouble will show up that you did not know existed, and has lain dormant ever since the construction of the speech equipment. In case you encounter feedback, a good idea is to isolate the new system, grounding it to either the transmitter rack or other good ground system. So, with just a little patience you should have a unit to be proud of. On the other hand, if no trouble arises upon trying this type of audio feed and your quality improves you have a very fine speech amplifier. Finally this system, if employed in your rig, should be better than an insurance policy against burn-outs of output transformers.

* Lester H. Allen, SCM SNJ,
704 Quinton Avenue,
Trenton, New Jersey.

ITEMS OF INTEREST

Advice received in communication from Communications Manager, F.E. Handy states: "The extensive correspondence on Municipal defense organizations is of

such proportions that the regular ORS-OPS-OBS appointments have been suspended with the exception of the Emergency Coordinator appointment, as will be explained in February QST. The present program is to put all effort on defense-radio-organization of amateurs."

W1AW SCHEDULES
TRANSMISSION OF MESSAGES TO
ALL RADIO AMATEURS

W1AW sends its informative DCB-FCC etc. information and interpretations of current communications orders concerning all amateurs at speeds to suit different listener tastes and abilities. Information is repeated on CW several times each evening. Note the starting times given below. Messages are tape sent simultaneously on the following frequencies:

ALL TIMES LISTED ARE EST

Schedules are DAILY, except Saturday and Sunday, when station is on 6 hour shift, and transmits as per (*).

1906 Kcs	2:30 pm - 25 wpm
3575 Kcs	4:00 pm - 15 wpm
7150 Kcs	
14254 Kcs	CW starts at 6:00 pm - 25 wpm
28510 Kcs	*7:30 pm - 15 wpm
58980 Kcs	*9:30 pm - 20 wpm
	11:00 pm - 15 wpm
	1:00 AM - 20 wpm

Radiotelephone transmission follows code transmissions, as announced by operator, and sent consecutively on 1906; 3950; and 14237 Kcs.

Ten-meter transmissions on phone are added (daylite) only (extra) as conditions warrant. 56 Mc. 'phone will be used simultaneously with each 1906 Kc transmission. When operating, the station constantly monitors key area station, to be ready for radio silence or blackout precautions as required. Also, in accordance with DCB requirements, visiting access to W1AW has to be restricted to that in connection with the business of station operations.

OFFICIAL ARRL MESSAGE
TO ALL RADIO AMATEURS
Number 16 - December 29, 1941

Numerous amateur radio groups are now holding meetings to organize for civilian defense under plans approved by their local authorities. An ARRL bulletin will be sent on request indicating proper procedure. Duly authorized Federal, State, or Local officials such as Governor, Mayor, or Chief of Police must certify to the DCB

that requested operation is essential for national defense activities. The officials in applying to the defense Communications Board or FCC for activation of amateurs must give full name, address, and call of desired licensees with a clear statement of the defense function to be served. See insert in January QST for more details.

Only amateurs receiving FCC orders may activate their stations and then for defense needs only under the direction of their sponsoring authority. Such operation does not permit ragchewing. All FCC amateur service regulations must be observed. In addition all defense operation is subject to the superior and immediate control orders of the Interceptor Command of each area. Either direct or through net control stations all amateurs whose stations are in defense status must be in a position to observe radio silence instantly if and whenever called for. A one thousand cycle tone from key broadcast stations in each area or the absence of local broadcast carriers orders radio blackout or silence. All properly licensed amateurs may operate stations authorized for defense and should plan relays of operators for 24 hour needs if necessary.

All amateurs should keep themselves & equipment ready and not dismantle. Each individual is urged to get registered in ARRL's Emergency Corps. Send stamped addressed envelope to ARRL for forms. All amateurs and groups reactivated for defense should report to section managers whose address appears page 4 QST SO their defense plans will be appropriately mentioned in QST.

More radio operators and specialists are needed. FCC examinations are still being given and the 1942 FCC examination schedule will be published in February QST. ARRL suggests to amateur clubs that they all carry on, Adopting programs of code instruction, UHF building for civilian defense and radio theory classes. AR

BROADCAST STATION FOR CONCORD, N. C.

FCC Release 56378: December 17, 1941

As the result of a hearing, the Federal Communications Commission yesterday granted Wayne M. Nelson, of Concord, N.C., a construction permit for a new standard broadcast station at that place to operate on the frequency 1410 kilocycles with power of one kilowatt, daytime only. Such authorization is conditional to Nelson filing, within two months, an application for modification of construction permit specifying the exact transmitter location

and the complete antenna system to be used in connection with the proposed station. There were no intervenors at the hearing (B-141). At the present time Concord has no broadcast station.

ELECTION RESULTS FOR DIRECTOR ATLANTIC DIVISION

W. Bradley Martin	W3QV	470
Roy Corderman	W3ZD	293
Ed. G. Raser	W3ZI	177
Frank Lyon	W3HAL	127

ADVICE FROM HEADQUARTERS TO ARRL COORDINATORS AND CLUBS:

(1) Consult local officials. Get the exact local picture of what must be covered. Note plans for use of supplementary avenues of communication. Portable and portable-mobile radio should be planned for for places where there are no wires, and for missing or overloaded wire facilities.

(2) Call meetings of amateurs. Get Police and fire and civilian defense officials to come and explain their set-up and needs if possible. Get ARRL form 7 emergency corps for civilian defense blanks if you haven't them or have run out of them.

(3) Register All amateurs. Every amateur may be needed by his community for spare-time 24-hour operating shifts, for call in emergency. Each station reactivated may need five or six qualified operators to handle it continuously in a real all-out local emergency. As many portables and self-powered equipments must be lined up as possible.

(4) Build UHF! QST has already outlined the building job and presented some of the units. More will be presented in future issue. Standardize and build as suggested.

(5) Organize. Plan with local officials to perfect amateur defense-readiness by setting up one facility that will serve all local agencies, as well as possible with proper regard for the priority of fire - police - protection - rescue - warnings etc services.

(6) Get Authorization. When an approved set up is ready and for those amateur stations with operating facilities ready, seek defense operating authorization to be made by application of state, county, or municipal authorities... Getting highest official endorsement.

KEEP ANTENNAE UP! DO NOT DISMANTLE!
BUILD UHF!!

"INTERFERENCE ANALYSIS AND ITS
RADIO RECEPTION EFFECTS"

By W. J. ZAUN
Service Division
RCA Manufacturing Co., Inc.

CHAPTER SIX
"HETERODYNE OSCILLATOR RADIATION"

The tendency of the oscillator in a superheterodyne to radiate over a limited area occasionally produces interference in another receiver, evidenced as a "whistle" appearing, disappearing and changing frequency at random. This interference becomes prevalent and of consequence in localities where two popular stations are separated by the amount of customarily employed intermediate frequencies (I-F). For example, in a community having a station "A" at 600 Kc. and another "B" at 1060 Kc., receivers using a 460 Kc. when tuned to "A" will have an oscillator frequency at "B" which will cause interference on nearby receivers which are tuned to the 1060 Kc. station.

Design precautions are incorporated in most receivers, to minimize radiation. Its complete elimination, however, is not practicable. Limitation of oscillator strength, provision of antenna coupling or tuned stage, and physical separation of antenna and oscillator circuits, to prevent coupling, are the usual considerations.

Service procedure on cases of this nature should include one or more of the following measures: (1) Install filter in power circuit of receiver affected. (2) Install noise reducing antenna such as RCA Magic Wave type on receiver causing radiation. (3) Re-align the radiating receiver to new I-F. (4) Position leads of radiating receiver to reduce oscillator/antenna coupling. (5) Reduce excitation of radiating oscillator. (6) See that good ground is attached to radiating receiver. (7) Reduce size of antenna used with interfering receiver. (8) Completely shield oscillator stage and filter its supply leads.

LINE NOISE!

Word has been received from Ed Raser, Ole' 3ZI, that he is now engaged on special duty with the Signal Labs in Washington, D.C. Ed would like to hear from the boys at home, as well as those who may be interested enough to contact him by mail. Ed is pretty busy down there but says he can find time to read and answer any of the boys' letters, so, fellows, let's not let Ed down - his QTH is 2412 - 12th St. N.E. c/o I.R.E. Cross, Washington, D.C.

SECOND DISTRICT TRANSCIENTS
By W2GPG

The editorial staff of the D.V.R.A. NEWS wishes to advise Mr. Leo Scagliozi W2GPG that we intent to maintain publication of this paper as long as it is possible to do so, and, we will appreciate the continued receipt of whatever material he may be able to send us. The material which has been used under the heading "Second District Transcients" has been very much appreciated by our readers and we would very much like to be able to continue this "Second District" news. Thanks again to you, Leo!

Denville "hams" are forming an emergency two-one-half-meter net to be used for work in conjunction with civilian defense.

W9JBL/2 does not deny that he has been just recently married.

Among the "hams" who are planning 2½ meter mobile installations are W2KUL; and W2HWJ, who expects to have a 55 watt transmitter installed for mobile operation very soon.

W2CBH and W3GNU had not met in ten yrs and so, when they renewed friendship recently, many memories were recalled, particularly that KW spark set used by W2CBH, which interfered with, at that time, the only receiver in town, which happened to belong to Doc's Dad.

A local radio headquarters reports a sell-out on TR-4 equipment for two and one-half meter work.

Those who are interested in FM, that is, high quality FM, will do well to contact Frank Fasulo, of Federal Telegraph Co. Frank, a musician, has incorporated a few ideas of his own on an FM receiver.

W2EQQ and W2LPR are the only Second district "hams" who are in position to "boast" of the WAS certificate for exclusive 160 meter phone operation. Congrats fellas!

Harold Richman, W2CIZ, 444 N. Maple Ave, is emergency Coordinator for East Orange; Leo Scagliozi, W2GPG, 126 Chestnut St., W. Orange, and William Carroll, W2KIS, 710 Valley St., Maplewood, are Coordinators for their respective communities. Best of luck, fellows!

Hallowe'en party, arranged under the committee-ship of Virginia, W9ZIH, Alice May, W9GOJ, and W9PFO. Everyone came dressed as silly as they could, and Virginia took the prize for the prettiest, while W9WOS, the OM of W9GOJ, carried off the award for the funniest. Rusty is a cop and the prize was a Gene Autry gun. This was not prearranged either. The next party is to be held (if this issue is not too late) at the home of Leta, W9DBD on the seventeenth. The Club still boasts of ten members of the original eleven, and in spite of the long distances which must be covered by some of the girls to attend, and the short time available for arranging things, the attendance at these little get-to-gethers has been very nice. The girls are very anxious to keep these gatherings going and at the last meeting several new ideas were offered to keep the club active.

W7FWB, Ethel, comes up smiling -- and -- with a brand new hubby, also an amateur, parading (before the gag) as W7IOC. Ethel is now Mrs. Poole, and her hubby is chief engineer at KRJF in Miles City, Montana. Congrats Ethel and best wishes from us all!

HI WIND!!

From those of our members who have sent in reports on the activities and conditions on the various bands come the current report on the 80 and 40 meter bands; we present herewith: For 80 mtrs -- PHOOEY --- and for 40. - Ha! Ha!, and we are inclined to agree with him. Oh yea, for the first time in months our 160 reporter says "The band has been excellent for receiving, QRM has at last hit a NEW LOW! (Oh Sho!)"

Well, well, at last Uncle Sam has decided that he wants Bill Petty, W3HAZ; Bill has seen 'tother day "all set to go" - bags and all. Good luck, Bill from the whole gang.

And while we are on the subject, we may as well tell you that our printer, Les Yoder, W3EED, is seriously considering his signing up for service in the Navy for technical and maintenance duty on radio locators - See you around, Les!

A Christmas card to the D.V.R.A. was received from W2EPM - Thanks Om!

George Bunce, W8IKA, formerly of Cleveland, Ohio, was the last operator to work the transmitter at the club station W3AQ

Having worked our station over the air from his QTH Geo said he would like to operate our transmitter if he ever had the chance, and that chance came when he was visiting here. He operated the transmitter from eight PM Saturday, December 6, until about 8:30 AM Sunday, December 7th, after which he was escorted home by Les, W3CCO; Dave, W3ITU, our Director of Radio Communications, and Paul Solomon, W3GRW, a visiting club member, now in Merchant Marine Radio duty. Upon depositing George at his home, Les and the boys proceeded to look up K6DV and W6OHC, who are now residing in Long Branch, New Jersey, old ten-meter acquaintances, and met in person for the first time. Our boys were greeted very cordially and the first thing Alec told em upon opening the portal was of the Pearl Harbor attack. Incidentally, the Romance between Vera Rathbon, W6OHC, now his XYL, and Alec K6DV, was carried on via ten meter phone between Hawaii and Blossom Hill, California.

Operators are needed, both phone and CW, to place our station, W3AQ, in the services of the New Jersey State Defense net on a 24 hour daily service. The average code speed required is approximately 15 to 20 words per minute. Standard procedure will be strictly adhered to at all times by all operators, both phone and CW. Those who wish to volunteer their services and help in the interest of National and Civilian defense please contact our Section Emergency Coordinator, Ted Torretti, W3BAQ, at 11 Livingston St., Trenton, N.J. advising him the most convenient time for you to serve on this operating staff. Please do not delay as time is short and organization plans are going ahead rapidly. Do your part - REMEMBER PEARL HARBOR! DELAYS MAY BE COSTLY!!!

Our President, Les Allen, W3CCO, advises us that he has received a Christmas greeting card from Harrison Radio Co., N.Y.C.

The Staff of the D.V.R.A. NEWS joins with the Officers and members of the Delaware Valley Radio Association in extending to each of our readers, our very best and sincere wishes for a very happy, prosperous and VICTORIOUS NEW YEAR!

LINE NOISE!

It has been brought to our attention that Ole 3ZI, while doing radio service work some time ago, received a repair call and upon asking the lady where the radio was, she replied, "Oh, it ain't the radio, I can't stop the toilet, and it's running over!" -- Oh me!

2nd District Transients
(cont'd)

RADIO AMATEURS
TO AID DEFENSE

By W2GPG

W1AW, the official station of the American Radio Relay League, located in West Hartford, Connecticut, electrified the amateur radio world at 9 PM Eastern Standard time, Sunday evening December 7, 1941, with the announcement, "All amateur radio stations in the United States and Possessions are ordered off the air until further notice!" Since that time, W1AW has been maintaining a 24 hour all-band schedule, broadcasting special amateur messages and news bulletins. Amateur operators are advised to tune either 1906 Kcs. or 3995 Kcs., the station's phone frequencies for new developments. Amateur stations co-operated fully when official announcement was made, and approximately one hour after "cease operations" came through, all bands were cleared of stations.

Almost immediately following the clearing of bands, W2JZX, the Army air warning network, was on the air by special permission of the first interceptor command of Mitchell field and the Federal Communications Commission. This station, operated by Viola G. Grossman of East Rockaway, L.I., is the key station for the network, with special permission to establish contact with other stations in strategic points along the Atlantic seaboard and deputizing these stations for 24 hour watches. This network, together with other emergency units in other cities, after obtaining permission from the FCC, will comprise the extent of amateur operation for the present. Emergency Coordinators may write the FCC in Washington for special permission to continue network drills.

Dallas Akers, president of the East Orange Emergency Club, has telegraphed A.R.R.L. headquarters that the club is ready to operate its control station, located in the East Orange fire headquarters 24 hours a day, seven days a week, and maintain a listening post on 3995 Kcs. The unit will operate in conjunction with the West Orange Defense Council of which Leo Scagliozi, W2GPG, is radio emergency co-ordinator.

Essex County Network Has
Permits for Operation!

Essex County amateur radio operators have adopted the following tentative plan to promote section-wide emergency communication: All local communication within a

community will continue with $2\frac{1}{2}$ meter portable equipment. These stations will operate under the direction of a community control station. Control stations will be equipped with 160 meter sets, so that they will be able to tie into a network of stations throughout the county in which they are located.

County control stations will be set up and operated under the direction of a section or state control center. In neighboring communities, where the population is not large enough to require independent operation, such municipalities will operate under a joint control station, thereby limiting control points for maximum operating efficiency.

The Y.L.R.L. CONTRIBUTES!

By Nita WBTAY

The Young Ladies' Radio League has a swell write-up by Nita in the January issue of "Radio". Must have consumed a lot of time making up that article Nita!

Dot Evans, W1FTJ, Concord, N.H., is the 1st District chairman of the Y.L.R.L.

We understand that Alice, W1FRO, gets a little shaky when a mike is stuck under her nose. She says she would rather have someone stick a key in her hand.

Eunice, W1MPP, has charge of the Watertown, Mass. Emergency net, and, before the "cease activities" order, was also PAM for Eastern Mass. on 160.

W1NAD, Ina, tells us that her OM, W1NDI, is opening a regular class in radio in the High school there in February. This will be the first class in radio taught in a public school in Rhode Island.

Jennie, W2KUG, says "The Schenectady Radio Association has a fine $2\frac{1}{2}$ meter net to which there are 16 participating members answering roll call.

In a recent issue of "Progressive Farmer" was an article under the heading of 'Radio Ramblings' by Anne McDonald, in which it states "There's another kind of ham besides that served with gravy and hot bisquit, and that's the Radio ham" or amateur ----- About 5 percent of the hams are women and 80 percent of all hams are AMERICAN" --- The article mentions as famous hams, Judy Garland, Herbert Hoover Jr., and Raymond Page.

The YL club had a swell time at their

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for all Details.

The Emergency Coordinator
for Southern New Jersey

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W3BAQ

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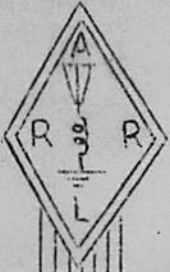
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SOUTHERN NEW JERSEY SECTION

Theodore Torretti	W3DAQ
11 Livingston St.,	Trenton, N.J.

EDITORIAL

As we start preparing for this, our second issue since cessation of general amateur activities, we do so with little or no news of local doings. We have very high hopes of being able to continue publication of this paper, bringing to you what information may be available from various sources and localities so that we may all know what is going on

around us. There will be a definite plan laid out for us in the near future of the policy which we hope to be able to follow

If we are to follow this plan, we MUST have the cooperation of everyone -- each and every member; news from every source possible. We all know that there can be very little news of amateur radio activities as before, but, there can be news of other phases of individual activities.

Recently one of our own members was taken into Uncle Sam's military forces; no doubt there are some others of us who know of someone else who has entered the Services in some branch or other, or some one else who has been transferred from one branch of the Services to another. This is all news - news of our own Fraternity; let's have it fellows, do your bit to keep our club publication going. We will have items from the Y.L.R.L. so long as they decide to continue publication of "YL HARMONICS" -- and we have been receiving interesting items from the second district -- so why not some news from our own territory. There is news to be had so pass it along fellows, sent it in to the editor; in all probability we can use it, if so, you'll read it in print, so, LET'S GO FELLOWS!

W3GCU

VICTORY ABOVE ALL!

OFFICIAL DOPE

Quotation from A.R.R.L. SCM/EC BULLETIN
Dated January 6, 1942

"OCD's new booklet (Control System for the Air Raid Precaution services) has one section dealing with communications. This is the information going to all local defense authorities during January. Wire telephone and the municipal signaling systems (fire & Police) will be used. OCD advises, and the OCD endorses establishment of a secondary system of reliance using amateur radio facilities. OCD calls for appointment of a chief Communications Officer or aide to the local coordinator of civilian defense. He will in most cases be a "wire" man, since the primary system is mostly a wire system. To get maximum results from amateur radio OCD recommends that the CCO appoint the A.R.R.L. Emergency Coordinator for the amateur group, or equivalent leader, as a member of his staff."

Quoting the new OCD publication re amateur radio:

"The performance record of Amateur Radio operators during peacetime disasters indicates that they are resourceful, adept at improvisation, and possess a high sense of community service. Considering this, the Chief Communications Officer may consider it desirable to enlist the services of amateur operators within the community, most of whom, if not all, will provide their own radio equipment. The equipment for use within the Civilian Defense Communications System will be portable-mobile* UHF radio telephone sets, thus providing for maximum flexibility of this important communications channel. Upon completion of the enlistment of such operators and their equipment, a survey should be made as to the best means of employing this service. All operation must conform with the rules and regulations of the Federal Communications Commission.

"It must be thoroughly understood that all amateur radio stations are subject at all times to being ordered closed or to cease transmitting. This function is not within the jurisdiction of Civilian Defense organizations. Orders to close a station (other than temporary silence) will emanate only from the Defense Communications Board. Orders to remain silent (for temporary periods) will emanate only from the Interceptor Command of the air defense region within which the community is located, or the Federal Communications Commission (or their representatives). Authority to reopen or resume

operation will emanate from the same source which directed the closing or silencing.

"In general, this service should be utilized to locally parallel the telephone installations connecting the most essential services, i.e., Control Centers, Incident Officers, Fire and Police service, etc. In addition, a pool, or group of pools, should be formed, located at strategic points from which one or more of the amateur operators could be dispatched with their equipment to bridge a gap, should any part of the telephone or Municipal Signal System be rendered temporarily inoperative by equipment failure or bombing.

"In organizing this phase of the system care should be taken to carefully select operator personnel on the basis of individual experience and the equipment in their possession or which they are prepared to provide.

"In order to obtain maximum use of amateur radio, the Chief Communications Officer should appoint as a member of his staff the local Emergency Coordinator of the American Radio Relay League (a nationwide organization), or his equivalent in individual amateur groups, whichever may be available in the Community."

*Movable self-powered apparatus of the type we have been building for fixed, portable or mobile installation is meant.

"Some operators have asked how they would be notified to go to their communications posts locally in event of air attack. This will be up to local OCD chiefs of course. Civilian Defense centers are mostly manned 24 hours per day. Once the organization is completed so everybody knows his post, members of the group will be instructed by OCD's CCO. A.R.R.L. Emergency Coordinators should discuss plans with CCO's. Predesignated posts should be assigned to the amateurs nearest to those posts. Some personnel get ready on first (yellow) alerts, some on later (blue) alert, others on general (RED) aural alarm, as we understand it. Most Communities will use telephones to wardens & personnel (called up on specific alerts) in chain notifications to personnel that must be activated in the time of emergency as may be designated by OCD's Chief Communications Officer."

"Best wishes in development of your ARP plans"
(signed by) F.E. HANDY,
Comm. Mgr.

"INTERFERENCE ANALYSIS AND ITS
RADIO RECEPTION EFFECTS"

By W. J. ZAUN
Service Division
RCA Manufacturing Co., Inc.

CHAPTER SEVEN
"CROSS--MODULATION WITHIN RECEIVER"

Two signals are said to be cross-modulated when the program of an undesired station is super-imposed upon the program of the station to which the receiver is tuned.

As implied, the secondary modulation is directly associated with the carrier being received, and is not evidenced except when tuned to a carrier. In some cases, more than two or more stations may be causing cross-modulation on another. Occasionally, cross-modulation effects will produce extra responses at random points on the dial, usually showing up as a mixture of two signals and their respective modulations. Cross-modulation may occur on TRF as well as superheterodyne receivers. Its basic cause is usually related to de-modulation of an abnormally strong signal in the early stages of a receiver, and the tendency to re-modulate on other carriers existent in the same circuits. Non-linearity of the circuit element or tube, is of course, essential to this process. The degree of susceptibility of the first stage to extraneous modulation is a matter of tube and circuit design. Tubes employed in the first stages of modern receivers are of the variable-MU types which have an extended cut-off characteristic, enabling the application of a higher bias for reduction of signal strength, without increasing the susceptibility of the stage to detection or cross-modulation. Selectivity ahead of the first receiver stage goes a long way to avoid the presence of undesired signals on the grid of the first tube. In some receivers extra link circuits are included for this purpose. The amount of cross-modulation varies with the grid-bias of the tube and since this bias is a function of the developed automatic volume control voltage, the cross-modulation is affected by the strength of the input signals.

Where it is necessary to make a service investigation of cross-modulation, the identity of the station causing interference should be established. Where a reasonable amount of selectivity is provided in the head-end of the receiver, an ordinary wave-trap having good attenuation, and tuned to the frequency of the interfering signal, will be effective. It

is possible, however, for the abnormal signal to enter the receiver on circuits other than the antenna input. These circuits may be the power line supply, direct pickup on the under-side of the chassis, direct pick-up on the grid leads of the receiver, direct pick-up on the tubes of the receiver (if not shielded) and some cases direct pick-up either on the chassis or on the ground circuit where this is mutual to an RF circuit. A change of the voltage or operating characteristic of the stage affected is not usually beneficial, inasmuch as design determines the optimum point for the minimum of interference. The principal idea to be kept in mind when working on a receiver in an attempt to eliminate cross-modulation, is to protect the susceptible circuits and to reduce the level of interfering signal voltage.

The importance of filtering the power circuit, having a short low R-F impedance ground and elimination of ground circuits that are mutual to R-F circuits, must not be minimized nor overlooked. In many cases, wavetraps will not be sufficient where used singly, but two or more may have to be employed. A Parallel-tuned wavetrap in series with the antenna and a series-tuned wavetrap in shunt with the receiver input is the best combination for obtaining the utmost attenuation against an interfering signal.

This interesting and educational story still has quite a ways to go yet, so if you want to have the entire story, just have your copy of this paper delivered to your door by mail. The price is only .50 (fifty cents) per year, which merely covers mailing costs.

SECOND DISTRICT TRANSCIENTS

By W2GPG

"Amateur Radio Communications", an organization of Essex County amateurs, designed primarily for amateur defense communications throughout the county, has been completed.

The availability of operators during all hours of the day in the event of an emergency has been considered. In many cases amateurs registered in their home town were found to spend a good portion of their time in another city. Because of this, it was suggested that emergency net members file with the coordinator business address, telephone number, and approximate time spent in each locality. Operators unable to reach their respective communities will be used to good advantage.

age at other points. Every amateur in the section is urged to register with the Amateur Emergency Corps; the application blanks for which may be obtained from Section Communications Manager, Ed Garsky Jr., 67 Van Winkle Ave., Hawthorne, who has appointed the following to act as emergency Coordinators for their respective communities: Willis James W2NAP (Livingston); John J Vitale W2IIN (Elizabeth); Samuel Shaw W2LSH (Kearney); Mr. William Carroll W2KIS (Maplewood); Hal Richman W2CIZ (East Orange); and Leo Scagliozi W2GPG (West Orange).

The Maplewood Amateur Radio Club holds meetings on Monday evenings in the Police station.

The following new officers have been elected in the Somerset Hills Radio Club: President, Bob Felsenheld, W2BCC; Treasurer Fred Anderson, W3GIZ; Secretary, Kenneth Kingsbury, W3HPX; Trustees, Major J.D. Felsenheld, W3MI; Bruce Parsons, W2COT, and Edward McMane, W3GNY.

Emergency Coordinators from Essex Co. municipalities gathered at the Bloomfield Radio Club to discuss plans of incorporating Essex County emergency nets into a co-operative system. Headquarters will be established in Newark.

The Bloomfield Emergency Net meets on Monday evenings in the rear of 82 Broad St., Bloomfield. According to Emergency Coordinator for Bloomfield, Edward Laycock W2IZV, the net's eleven members are completely equipped for ultra-high frequency operation and are in readiness to work with local defense council. Glen Ridge may be included in the hook-up. The Bloomfield Club holds weekly meetings. Fifteen Belleville amateurs are also in readiness for ultra high frequency net operation in the interest of Civilian Defense, under the competent leadership of Fred Yost, W2JUJ.

Twenty-six West Orange radio amateurs have volunteered their services and stations in event of an air raid. These boys met at the West Orange Town Hall recently to organize an emergency unit under Leo Scagliozi, W2GPG, emergency coordinator for West Orange. Donald Moulton Jr, W2NLJ has been appointed secretary to EC Leo Scagliozi. The unit is planning radio drills in the event of re-activation permits from FCC. The entire group is working under the direction of Mr. S.V. Howell, director of communications and

office personnel.

In the Brookdale section, Albert Biscoff, W2AMF, reports that a Bloomfield amateur radio emergency unit has been organized and will cooperate with local police and fire departments. A letter has been submitted to the Federal Communications Commission listing names of operators willing to keep their stations on a continuous watch for emergency signals. The Bloomfield Radio Club is fostering this movement and meetings are being held in the club's headquarters on the Bloomfield Community House grounds.

The Livingston Amateur Radio Club has organized a radio defense network and a complete list of 2½ meter mobile set-owners has been submitted to local police & emergency co-ordinator. Twenty amateurs are available for work on the 80 meter band under direction of Ted Meeker, W2KFK president of the club. It is expected that a 24-hour watch will soon be established on 80 meters.

Overheard on the 2½ meter band (before radio blackout) "Hello Shorty, I see you are inside the band tonight for a change!"

The L-C Radio Club of Jersey City is seeking invitations to visit other radio clubs in the section. The Club concerns itself primarily with national defense, and, before cessation of activities, was organizing traffic routes to various Army Camps.

W2NJO is stationed at USCG Radio School at Gallup's Island.

The 1942 Amateur Radio Handbook contains a table showing all United States' frequency assignments from 10 mc. to 300 mc. by services.

IT IS NOT GENERALLY KNOWN, BUT, a local "ham", who is an engineer, is responsible for the new type 8007 and 8009 tubes. When the old type tubes failed to meet requirements on ultra-high frequencies, the "ham" designed new tubes.

The six-year-old granddaughter of an adult member of an evening radio class "helps" in the homework and HAS MASTERED THE LETTERS OF THE CODE!! (Are we to understand the "homework" with which this young lady helps is in conjunction with radio theory??-Ed)

NATIONAL/CIVILIAN DEFENSE -
- AMATEUR RADIO

The Y.L.R.L. CONTRIBUTES!

By Nita W8TAY

W9NBX, Enide Ide, president of the Young Ladies' Radio League, has asked the girls of that organization whether or not it is their wish to continue the publication of the League's official organ "YL HARMONICS".

May we, with your permission, put our oar in here?

By all means keep your paper going if you can possibly see your way clear to do so. It is one of the few means of keeping your unique organization intact during this radio blackout. There have, no doubt, been many enjoyable contacts which will be quite forgotten without some method of keeping them in mind -- your league publication seems to be at present, the only means to do this. We suggest that BY ALL MEANS - YES - KEEP UP PUBLICATION!! (Ed - DVRA NEWS)

Nita, W8TAY says she collects ROCKS - huh! by golly, Nita, we have some around that were left over when that pole was planted so how will you have em - freight mail or express - the little fellows can be sent parcel post. ROCKS!, yea, we got em!

Lenore, W2NAZ, is working very hard on her code classes and we are advised she will soon have a bunch of new YL's in shape for that license exam. Lenore is chairman of AWWV radio code classes, and in addition is very busy with Defense work and television. She advises us that W2NAI - NSL - NRC - MWY - NFR - and Ann Gray have also done tremendous amount of work along these same lines.

Ruth Brown, W5IZL, says, "It was a terrible feeling to have to pull switches for the duration; I feel especially bad about the shut-ins who depended upon ham radio for their sole contact with the outside world. They would probably like to hear from us once in a while".

(Well said Ruth, and to that end we hope you will continue "YL HARMONICS" - it is a contact for some of those shut-ins -- Ed) Ruth also works on the USO dance committee, and has also been appointed on the Civilian Defense Committee.

W8VFL is (or was) using her own call instead of the OM's and she talked to W8MXI on 160 fone for SIX HOURS and 11 minutes, whom she kept out of the hay. Bet the OM did'nt know this; and we bet 8MXI did'nt know there WAS an OM! Anyway she deserves an RCC certificate!!

Another hobby at W8WKD is photography.

W8UBR writes "I am 22 years old, blonde curly hair and blue eyes, and 118 lbs"

There you are boys, a lovely bit of feminine pulcritude - belongs to rifle club and WIRED POWER SUPPLY THAT WORKED! She amuses herself baking cookies for the boys in camp.

W8SJJ tells us she has obtained her 35 wpm certificate. People for whom she has handled traffic for the Islands are really sorry the hams have been taken off the air as they miss the many messages sent for them via ham radio.

W90UD has signed up for Defense work and was far on the way to making the BPL when she left the air.

Letter received by W9JWJ, thru C.B. DeSoto, from a very lonesome EX-ham: "Being the only young man on a little island situated somewhere in the Indian Ocean and living alone, I start to become as mad as you may think. Before the war I WAS a ham but now, of course, am off the air. Today in reading one of the last QST, Dec 1940, I have thought that perhaps you can help me in trying to find some friends to write me. I should be very happy if I receive, in preference some YL between ages 18-25 years of age to write me, speaking French. Any one can write & it will be great pleasure to reply to their letters." The QTH if you care to write him is:

Paul Cabache, WQ8AS,
Box 163, Fort Louis,
Mauritus

FOURTH DISTRICT NOTES!

"THE ARC" By W4FSE

The Winston-Salem Amateur Radio Club has no intentions of disbanding for the "duration" as a meeting and election held since the "ban" proves. New officers elected for the year 1942 are: LeRoy Coley, W4AHF, pres; Wm. C. Harris, W4WX of Lexington, vice pres; H.S. Carter, W4OG, sec'y; Wm. J. Crews, W4DVU, Treas; These officers are directors ex-officio, with 5 other directors, who combined, compose the Board. The five directors are: A.L. Hege, W4ABT; (re-elected); P.W. Blum; Wilson Lamb, W4BOH; R.H. DAY, W4CFR; and C.R. Brewer, W4RA.

W4RA, who is spokesman for the club says: "Of course our club will continue, as all clubs should, so that we will have something to build on when the war is over."

FOURTH DISTRICT NOTES

By W4FSE (Cont)

Wilson Lamb, W4BOH, is the proud papa of a brand new Junior Op. Congrats OM!

W4NC cooperated with the Army during recent maneuvers in that territory.

Until the recent "total ban" on "Ham" radio activities W4DCQ and W4NC were the most active in their Section.

During the recent OPM ban on sign lighting the Winston-Salem club put it's emergency generator to work furnishing power to light the marquee of the Carolina theatre, while W4BOH and W4ABT supplied power from their generator for the State theatre. Needless to say, both these units gave very good account of themselves and at the same time got a real try-out.

Lieut. Robinson, W4BC, has returned to duty with the 2nd Bombing Group at Langley Field. He recently spent some time at an RCAF school in Ontario. After a period in the hospital he enjoyed leave and a visit with his family in Asheville.

W4FIX was third in his class of eighty four at Naval Reserve Base in Atlanta & is now at Jacksonville Air Base for further training. Reporting for the course in Communications at the Atlanta Base, Joe finished in one day and was given a class to teach. Who said the "ham" didn't fit in??

W4EFX, BWT, and 4ECW, the latter the tallest man in the Navy, has taken exams for RMLC, and while no report has been received, it is practically a certainty that all three of em passed. W4ECW is still on shore duty.

W4CQ, Lieut. Comd'r. Gluck is now recruiting Service Liaison Officer for Naval Reserve in the Southeastern Division with offices in Baltimore, Md.

W4EJ is Chief Engineer at Radiostation WISE, succeeding W4GW, who is on active duty with the Navy. W4EJ is doing a swell job at WISE.

LINE NOISE!

If, when a ship in distress, had to send out all the phony signals that are used by the op aboard the SS Paradise in the motion picture "Mad Doctor of Market St", it would be just too bad -- the ship

would be reposing snugly in Davy Jones' Locker while the listening ops were still racking their brains as to just what the poor guy in the "hole" was pounding out: QOQ - KOK - CQ - and what not -- PHOOEY!

HIGH WIND

Bill Petty, W3HAZ, who was recently inducted into the Army, and temporarily located in Fort Dix, has been transferred to Fort Knox, Kentucky, and sends his best regards to all the boys and asks that some of the fellows remember that he is anxious to hear from the boys at home. His QTH is now: Pvt William Petty Jr., 2nd Platoon, Co C, 7th Battalion Armored Force; Replacement Center, Fort Knox, Ky. Drop him a line fellows, and let him know we have'nt forgotten him.

George Bunce, W8IKA, who, it will be remembered, was the last op to work our club transmitter, W3AQ, before the "blackout", is now Radio operator at Air Base Headquarters, Albuquerque, New Mexico.

Alex McGalliard, W2NOM (ex K6DV, ex W4G00 ex W5JRU) and his XYL Vera, W200P, (ex 60HC) enjoyed Christmas dinner with W2LIR in Belmar, N.J. Vera is vera busy with Red Cross knitting.

Mr Francis Bindi, 326 Southard St., in Trenton, N.J. wishes to obtain complete instruction necessary to obtain his "ham" license.

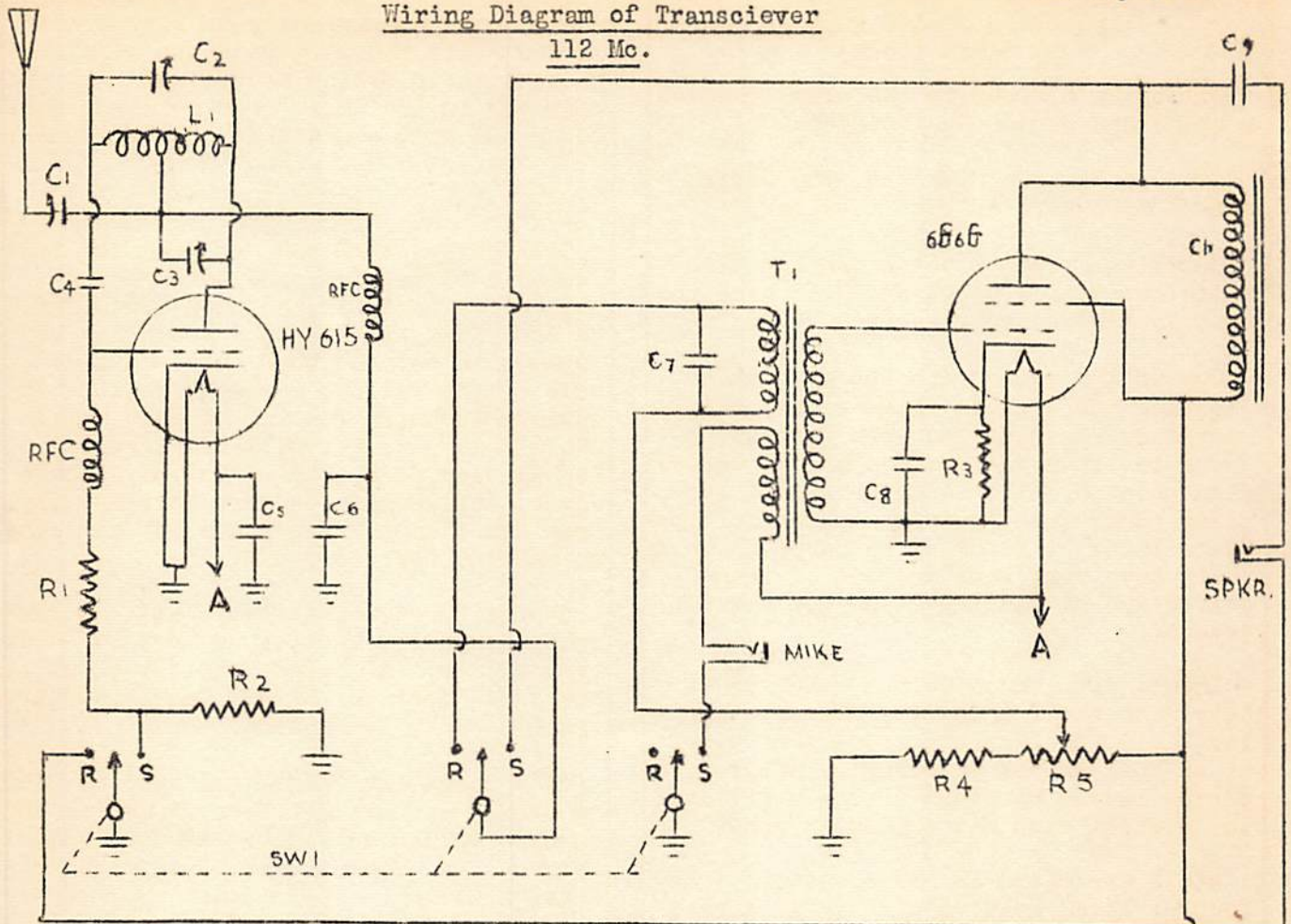
We now have a National Radio Emergency Coordinator in the person of none other than that of Mr. William Lewis, formerly with the Columbia Broadcasting System. Let us hope we get somewhere!!

Jack Lee, W3CWG, of Succasuna, N.J. is sporting a new Jr. Op. All is well! We hope the little fellow, Donald (Don Lee) grows up with a key or mike in his fist! His Dad, Jack Lee was a member of the Southern New Jersey OPS net until the ban.

Our SCM, Lester Allen, W3CCO, has received that much coveted "WAE" certificate for having worked all fifteen stations located in El Paso, Texas. Les worked these on ten meter phone, and was just lucky enuf to have worked the last one needed just about a week before the ban. The stiff-ticket has just arrived. Congrats Les!

We don't know just what kind of apology to offer for the ladies, but we have'nt had a report from LADVRA for two months!

Wiring Diagram of Transceiver 112 Mc.



- C1 & C2 - 30 mmfd mica trimmers.
 C3 - 3 plate midget variable.
 C4 - 100 mmfd midget mica.
 C5 & C6 - .01 mfd 600V paper.
 C7 -.002 mfd midget mica.
 C8 - 20 mfd 25 volt paper electrolytic.
 C9 - .25 mfd 400 Volt paper.
 R1 - 15,000 ohms, $\frac{1}{2}$ watt.
 R2 - 125,000 ohms, $\frac{1}{2}$ watt.
 R3 - 500 ohms 1 watt.
 R4 - 100,000 ohms, $\frac{1}{2}$ watt.
 R5 - 100,000 ohms variable.
 RFC - High-frequency RF chokes (Ohmite Z-1)
 T1 - Transceiver transformer (Thor-darson T-72A59)
 Ch - 7 henry, 40 ma. filter choke (Thordarson T-13C37)

- Sw 1 - 4 circuit single-gang selector switch (Yaxley 3243J with one set of contacts not used)
 Sw 2 - D.P.S.T. snap switch (Yaxley No 7 mounted on variable resistor)
 L1 - 3 turns #14 tinned wire, $\frac{1}{2}$ inch diameter, $\frac{5}{8}$ inch long.

This transceiver is fully shown, both in circuit and photographs in the A.R.R.L. Radio Amateurs' Handbook for 1941, under figures 2836 - 2837 - 2838 - and - 2839; and is described in detail starting under "A 112 Mc Transceiver" at the lower left of page 394, continuing on pages 395, 396, 397, 398, and 399.

A more comprehensive study of this equipment may be had by referring to the above mentioned pages of the Handbook.

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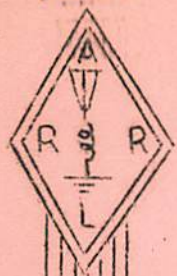
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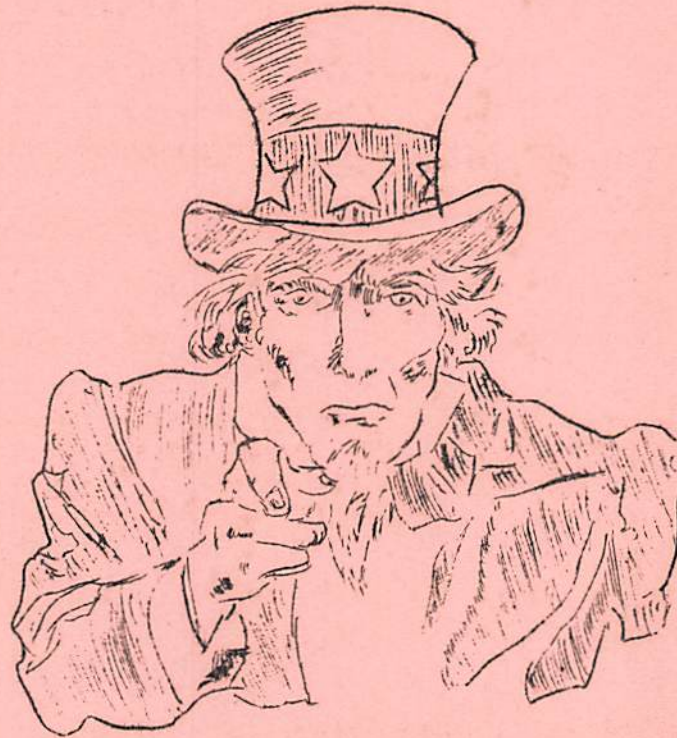
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March 1942

Uncle Sam ASKS:



Are You Doing
Your Part ?

NEWS

VOL.
VII
NO.
3

OFFICIAL ORGAN OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC. Trenton, N. J.

Wm. A. Schmitt (1931)

March 1943

1943



Are you doing?
Your part?



NEW READER

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EMERGENCY COORDINATOR

SOUTHERN NEW JERSEY SECTION

Theodore Torretti	W3BAQ
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EDITORIAL

During the past eighteen months there has been continual urging of the amateur fraternity to prepare for emergency operation; operation of the greatest emergency proportions as have ever been perceived.

Thousands of amateurs heeded that urge and followed the advice advanced them regarding the building of UHF equipment for such emergency, and, upon receipt of the general "cease operations" order, still followed further advice to "continue to prepare," believing, as we were lead to

believe, that amateur radio was to be used for emergency communications service in the field of Civilian Defense.

We were advised that we would be kept posted on current events in this respect; and until about four weeks ago, frequent information was available, but has since ceased, and the status of amateur radio at the present moment seems very dubious; and any special authorization seems a remote possibility. However, this should NOT hinder preparation for our part in this emergency, for if and when air attack paralyzes existing lines and signal systems, police and commercial radio channels will be heavily overloaded. Secondary systems of communication will be greatly needed to carry on necessary communications for relief organizations and other emergency groups and it will fall back upon amateur radio to furnish and maintain these secondary communication channels; most probably with UHF gear and amateur radio must be ready, as always in the past, to carry on upon "last minute" notice. We sincerely believe amateur radio will be called upon to render valuable service somewhere in this great national emergency.

BE PREPARED!!

Ray Tomlinson W3GCU

OFFICIAL DOPE

For the information of those who may be interested, we reprint herewith the official information as received from the Federal Communications Commission to date.

RULES AND REGULATIONS

FCC 56661 - December 30, 1941

In coordination with the Navy Department, the Commission adopted a proposed new rule -- Section 8.130(b) -- prohibiting the use and operation at sea of certain types of obsolete receiving equipment capable of emitting energy which might betray the position of ships so equipped to enemy craft. The proposed rule, effective January 15, 1942, is not applicable to ocean-going vessels of less than 1600 gross tons.

PRESS RELEASE: January 30, 1942

Preliminary Curb on

Broadcast Authorizations

At the request of the Defense Communications Board, pending the adoption of a specific policy by that Board and the War Production Board with respect to curtailing standard broadcast construction to meet materials requirements by the military, the Federal Communications Commission will make no further grants for the construction of new standard broadcast stations or authorize changes in existing standard broadcast transmitting facilities where all or a substantial part of the primary area in either category already receives good primary coverage from one or more other stations.

In general the FCC's Standards of good Engineering Practice will be used as a guide in the determination of good primary service.

National Defense requires that there be adequate broadcast facilities but this does not alter the fact that every economy in the use of critical materials for securing and maintaining these facilities must be practiced to the end that there will be the greatest possible saving in materials. Today's announcement concerns standard broadcast facilities only. It is understood that the Defense Communications Board is proceeding with studies looking toward the conservation of materials in all other radio services and will submit recommendations at the earliest practicable date.

ALL-OUT COOPERATION

FOR ALL-OUT BATTLE!

ITEMS OF INTEREST

TELEVISION WEB PLANNED

It was learned recently that plans are being considered by television and U.S. Officials to extend the Schenectady-N.Y.-Philadelphia television network to Washington as another communications aid for the Government during the war. Engineers for FCC in Washington, however, reported that while they had heard of the proposal no official request for approval has as yet been received.

Governmental radio activities were recently brought under the coordination plan with the designation by President Roosevelt of the Radio division of the Office of Facts and Figures as the central clearing agency for Administration broadcasting.

William B. Lewis, former vice president of CBS, in charge of programs, was named as coordinator, with Douglas Meservey, formerly assistant to the vice president in charge of programs of the NBC, as his assistant. They will work from Washington. It is understood the new coordinator's responsibility would be "to give guidance to Government departments and agencies and to the radio industry as a whole concerning inquiries originating within the Government and received by the Government from the broadcasting companies and stations, and to handle certain Government programs on the networks within the United States."

Under wartime broadcasting regulations issued recently by Byron Price, U.S. Director of war censorship, radio quiz programs, man-in-the-street interviews and request programs are banned, and all impromptu interviews and other ad-lib programs where participants cannot be investigated or carefully selected are forbidden, in order the "enemy agents" cannot use them to transmit information.

Broadcasts from lobbies or stages of several theatres have been cancelled, and several radio stations are working on plans for recording interview programs and broadcasting them at an undetermined future date. Among the Quiz programs suspended are: "What's Your Opinion," originating from Telenews theatre, Chicago, over WJJD and WIND; "Radio's Voice" and "Chicago at Night" interviews from the Chicago theatre.

Network program are also undergoing changes with many cancellations by automotive advertisers and others who are switching to war production. The Ford "Sunday Evening Hour" over CBS ends March

1st after 411 consecutive weeks. Chrysler Motors has cut Major Bowes "Amateur Hour" from one hour to 30 minutes, and Helen Hayes' Lipton Tea Program was withdrawn February 1st., and other cancellations are reported pending.

It was reported in Washington recently by the Office of Facts and Figures, that the FCC has investigated 2000 cases of illegal or subversive use of radio since July, 1940 and has secured 23 convictions. The Commission, it was said, also detected 25 radio circuits operating between Germany and it's agents abroad; a Japanese-German circuit and an active transmitter in the German Embassy in Washington.

(1/30/42 M.P.Herald)

NBC's research department estimated figure, based on Hooper Radio Ratings, revealed a 21% increase in listeners to network evening commercial programs between the first weeks of November and January. The increase was attributed to accelerated interest in war news.

"INTERFERENCE ANALYSIS AND ITS
RADIO RECEPTION EFFECTS"

By W. J. ZAUN
Service Division
RCA Manufacturing Co., Inc.

CHAPTER EIGHT
"CROSS-MODULATION EXTERNAL
TO RECEIVER"

This type of interference has become prominent in recent years, due to the trend of increase in power ratings of transmitting stations. When two radio waves of sufficient strength encounter any evaluated system of electrical conductors in which system there is existent anything that causes partial rectification or detection, numerous new spurious radio frequencies are created which radiate from the system to nearby receiving antennas. When one of these interfering frequencies happens to fall on a desired station frequency, interference results, which no receiver can avoid. The interference has no relation to receiver design and will be present on all types including the automotive, battery, A.C. or D.C. It is generally localized in a particular community. The electrical system, whether it be power distribution, telephone system, or other aerial network of conductors and particularly any network or system which is resonant to the local station frequency, can produce this interference, if it has a rectifying tendency. Rectifica-

tion may occur from poor joints or contacts, special non-linear devices intermittent or poor contacts to earth or to other objects, and rectification due to chemical action at a joint or splice. The neutral or grounding system for power circuits is a frequent cause for generation of this type interference.

Wherever this trouble develops, it should be definitely identified by checking with various types of receivers, preferably the battery loop antenna type, so as to isolate the source and to determine the limit of the area affected. In practically all cases, the interference area will be confined, and sometimes does not extend outside the building occupied by the receiver. Variation of the interference usually takes place when the weather changes from wet to dry. Wind conditions may be a related cause, when the interfering system swings and makes intermittent contacts with grounded or other conducting objects, resulting in rectification and re-radiation.

SECOND DISTRICT TRANSCIENTS

By W2GPG

The FCC order banning all amateur operation came as no great surprise to local amateurs. As early as six months ago, it was predicted in this column (Newark Sunday Call) that a total ban on "Ham" operation was in the offing should America become involved in the war. I received numerous letters asking for clarification on this matter; also a scathing letter from the American Radio Relay League to the effect that I was slightly "dit-happy"

It is often said that something is not really missed until it is either taken away or lost. This statement sums up the entire amateur radio situation as it stands now. However, the average "ham" is demonstrating that he "can take it or leave it!" For instance, W2COE has merely thrown the dust protector over his kilowatt rig and is supporting his family by repairing radios and is deriving pleasure from managing fighters and flying airplanes. Al received his pilots' license last year.

W2GC shelved his radio for the camera and W9JBL/2 is finding out that married life isn't so bad after all. W2KRA is a casualty of war, his job at a local printery expired soon after war was declared.

"Doc" Wilbur, W3GNU, continues to make good as designing engineer with a local

radio firm, and, (believe it or not) devotes his spare time to learning more about the intricate business of radio. He attends an evening engineering school and subscribes also to a correspondence school. Doc has not entirely forgotten that honorary title bestowed upon him by the D.V.R.A.

ODDITIES: Drag out your call book and look up K6BDC and get yourself a good laugh! B.A. Ham is a Newark real estate broker who is not even remotely interested in radio! W2MRL reside on Radio Drive! Although W2NFR's name is Morse, she is not related to Samuel B.! W2LTP bears the same name as the great baseball player, Hank Greenberg!

NUTTY NIT-WITS

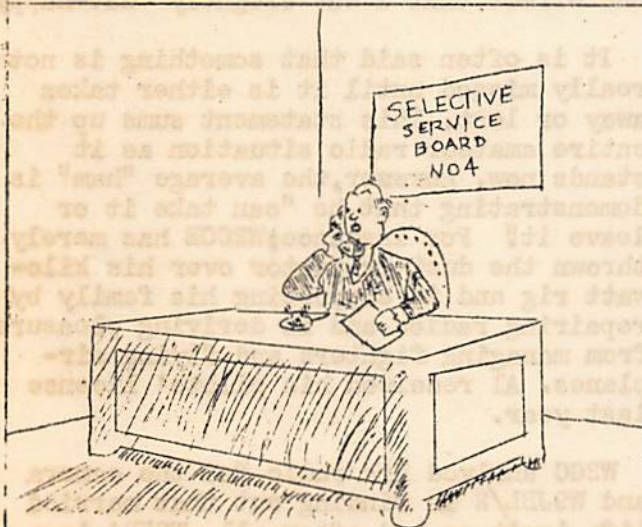
My, how children do change as they grow up! When the girls are little they love bright painted dolls; and when the boys are small they go mad about soldiers -- but when they grow up, the GIRLS go mad about soldiers, and the BOYS run after the painted dolls!

Mrs Hirsch: "Who was that on the phone, Ruth?"

Ruth: "Nobody Mom, just some girl who sed 'It's a long distance from New York' and I just replied, 'It certainly is', and hung up."

W3CCO's New Boss: "Anything you can do better than anyone else?"

W3CCO: "Yes Sir, I can read my own handwriting."



"Is this the Radio Service Shop?" About that fellow you sent over to fix the

radio -- someone here made a mistake, and he's on his way to Fort Dix."

Sergeant: "So you complain of sand in your soup?"

Pvt. Petty: "Yes Sir!"

Sergeant: "Well-did you join the army to serve your country or yap about the soup?"

Pvt. Petty: "To serve my country, Sir, not to eat it!"

Max: "Did you hear about the Skunk that committed suicide?"

Joe: "No; why?"

Max: "He got too close to a JAP."

A male puppy is a son of a female dog. A female dog is the dog-catcher's main objective. A main objective is the dream of a dictator. Ergo, dictators are MALE PUPPIES! Re-read the first sentence!

FOURTH DISTRICT NOTES!

By W4FSE

The Greensboro, N.C. gang are keeping alive amateur radio in their section by holding interesting meetings, starting another code class, and putting on a campaign for new members.

Prior to the closing of amateur radio channels, the Greensboro club had offered their services and equipment, and had been assigned a place under the Defense Organization. Now, naturally, those activities are "hanging in the air". Some of the boys had built 6V - 110V AC power supplies and 2½ meter jobs and some orders for the Abbott gear had been placed.

W4AEL is in the Signal Corps Labs at Fort Monmouth.

W4BHA is working in the shipyards at Norfolk, Va.

W4FSO has worn out a telegram from the Air Corps Communications showing it to his friends. And all it said was: "You are being accepted as of this date stop educationally qualified stop stand by for orders and physical exam." And W4FSO paid for the telegram!

Georgia Stelton, trying for ticket under the tutelage of W4ESL, is working on a spy story (fiction) with the theme being the thwarting of a gang of saboteurs by a switchboard op and a ham radiop. The plot and draft reads well. Go to it Georgia!

HAMS ARE REQUESTED TO SELL THEIR TRANSMITTERS AND RECEIVERS FOR ALLIES USE!

Radio hams are being asked to sell their transmitters and receivers for use by the armed forces of the United Nations, according to an announcement by the American Radio Relay League, which is centralizing information on available apparatus on behalf of the Government agencies concerned.

Only commercially-manufactured communications-type receivers and transmitters for which standard instruction manuals are available are required at present. Such equipment is more readily used and understood by military operators than homemade units, even though the latter may be of comparable quality, it was explained.

Urgent shortages of communications equipment required for defense needs led to this call, manufacturers finding themselves unable to make deliveries sufficient to fill the intensified demand as the theatre of war expands in widening circles.

Amateurs willing to turn over their apparatus to their country are requested to advise ARRL, West Hartford, Conn., giving model number, condition, and the price for which it can be delivered crated to a local transportation company. ONLY STANDARD MANUFACTURED EQUIPMENT should be offered, it was reiterated; homemade or "composite" equipment not being required at present.

The greatest need is in transmitters, it was stated. According to League statistics, approximately two-thirds of the receivers found in amateur stations are factory-made but only 5% of amateur transmitters were purchased from manufacturers.

This notice deals with a vital need, rapidly growing more critical with the developing crisis in the Pacific. This appeal is being made on behalf of U.S. Army and Navy Procurement agencies, the Netherlands Indies purchasing commission and other government departments.

Now that our channels are closed to us, pass this information along to other amateurs at club meetings or other gatherings; mention it in your correspondence. This is an opportunity to do a good deed for your country and at the same time retrieve some of the cash you have invested in your hobby. The sale of this equipment will not brand you as a mercenary. The government is perfectly willing to recompense you. In this transaction, you set the price; even in the law of eminent domain, should the government see fit to

invoke it, you would not suffer. Now, should you like many idealists want to donate your equipment, there will be no hindering hand to deter you. This offer, prompted though it is by dire necessity, gives one the thought that here is one more of the many reasons why this country is worth going "all out" for. If we were living in a country under "the son of a dog" it would be a matter of taking. There would be no law of eminent domain. Come to think of it, there would have been no amateur radio. Ours is a ban for the duration, our more unfortunate brothers were under a ban more permanent. (W4FSE)

OLE "ZI's" KORNER

By Ed. G. Raser, W3ZI

Quite a bit of news has collected 'round the shack since our last appearance in this column, so we hope there may be some thing of interest for all. Ye reported sure gets around these days, having just returned from special duty in Washington, DC for the Signal Corps Labs of Fort Monmouth. While in the Nation's Capitol, many places were visited, such as Navy Radio, Cheltenham, Md. (remote for NAA/NSS); Coast Guard Radio Central, "NMH" Alexandria, Va; and War Department Message Center WAR, Radio Washington.

Ole' Bill Burroughs, W3AID, is sure pulling in the "SOS-ALLO" reports from tankers being attacked by subs off our Atlantic seaboard. His most complete log of war-time activity reads like a book of adventure. Bill does it on his good old Navy type SE-1420 receiver, a relic of the last war. Even as I write this, I am interrupted by another drama of the sea (am writing this with the headphones on, and tuned to the old 600 meter marine freq). Two ships have reported being followed by enemy subs and one has been torpedoed!

Bill Roberts, ex-3BOI, and former member of DVRA is now working at the new Sperry Gyroscope plant as an electronic engineer.

Ole' Doc Wilbur, W3GNU/W2NPFV, last heard from at Verona, N.J., is now doing engineering work with Federal Telegraph Co.

Joe Fruscione, W3JLI, formerly of Trenton and NYA at Verona, is now at the Naval Training Station on Long Island, in the new "Radar" Division.

John Orłowski, W3BMM is now in the Navy and stationed at Noroton Radio School in Connecticut.

We understand that lil' Willie Stryker, who worked for R & K on Marion street, has joined the "Queens' Navy" and will go to "RADAR" School, either in Anacostia D.C., or Noroton, Conn. He has bought the "ring" we hear and will take that "fatal step" into the "grim" seas of matrimony all in one leap!!! (?) Hi-Ho!

Good old Alex McLees, W3CYW, and ex-commercial op of New Hope, Pa., showed up at the last club meeting much to the surprise of "ZI" who had 'nt seen Alex since the good old "Service Mens' days" back in 1930. We hope you join our ranks OM.

We have been told that lil' Paul Solomon, W3GRW, has been having an exciting time of it these days duking subs off the coast while on the "tanker run" up from the south. We are all rooting for ya Paul, and wish you lots of luck and bon voyage.

Our erstwhile secretary, Bill Petty, W3HAZ, has been learning to drive a tank down there at the Armored Force Replacement Center, Fort Knox, Ky. Oh mi gosh, Bill enlisted for the Signal Corps and wound up in the tank Corps --- !

Les Allen, W3CCO, our club president and SCM for Southern New Jersey Section, is holding down the position of Procurement Officer at the Signal Corps Labs at Fort Monmouth; and we have advice through official sources that Les is doing a swell job in this field.

And, while we are still at Fort Monmouth let us remind you that our Section Emergency Coordinator, Ted Torretti, W3BAQ, is also with the forces of the Signal Corps Labs, and has been assigned to the "Field Radio Section."

Still another, while this is being compiled, we received announcement from Bill Petty, W3HAZ, that he has now been transferred from Fort Knox, Ky, to Company "D" 3rd Signal Training Battalion, SCRTC, Fort Monmouth, N.J. He hopes to be assigned to the Fixed Radio Operators' School which trains men for high speed telegraphy. Congrats to ya, Bill!

Steve Jesso, W3CFT, tells us in his letter that a big lump rose in his throat when he first saw Pine Camp, N.Y. where he is stationed with Hq. Company 4th. Armored Division. Steve, another former member of DVRA, was ZI's Corporal in the Radio section of the 112th Field Artillery

Hq. Battery some years back. Drop Steve a line your fellers who remember 'im.

Bud Waite, ex-W3HKO, former director of our club, (now W2OAI, Rumson, N.J.), just ar-river back in town from a trip to Fort Knox, on a test for the Signal Corps Labs. Bud is doing alright at Ft. Monmouth and says he like it a lot.

Eddie (Bilge) Kerr, W3CCC, has been transferred from Navy Radio New York (NAH Control) to NDM Amagansette, L.I.

The last QSL card received at our club station, W3AQ, was from old-timer Bill Meade, W3AFH. We sure appreciate your card Bill and hope that you read DVRA NEWS regular. If you don't get it let us know and we will see that you get a copy, wot say?

It has come to our attention that W3AWH Yardley Beers, is now a teacher at SMITH College! Well! good ole' Yardley winding up at a gals' university, of all people, aint that sumpin -- !

Another former club member, Roger Rose, now Lt. Roger Rose, is now on active duty with the Navy and is stationed at New York, we hear!

We received a swell letter from good ole' Roy Richardson, W3ETX, ex-AARS member and resident of Southern New Jersey Section, who is now with the Civilian Technical Corps stationed somewhere in England. Roy was last heard from in Bridgeton, N.J. under the call W3TL which he operated for about a year while working there as a chemist. Lots of luck Roy, and to anyone interested in writing him, the QTH may be obtained from Ole' 3ZI.

Norman Bottonoff, W3HTL, is stationed at Port-of-Spain, Trinidad, British West Indies. He is operating with the Army Signal Corps on the Island and likes the work very much.

Georger Gierman, W3IDY, is now the proud papa and sports a cute li'l baby girl hwmn a-shoppin he does go! Nice going George.

Pauline Raser, W3HVO, Trenton's only YL op got her new QSL cards just too late (an Xmas present) to do much good, as her operating activities were cut short by the war. However, Pauline sent out over 25 cards to stations she has worked, and got almost that number in return! That's better than ZI's (Pauline's OM) average by a

long shot -- Hi!

Paul Solomon, W3GRW, arrived home recently after a thrilling trip up the coast. His ship was chased by an enemy submarine and later, while trying to escape, the ship running without lights, rammed another coastal merchantman, and, although damaged arrived safely in port under her own power. Boy! you're sure getting your share of the thrills, Paul, and let's hope your good luck holds out.

Have any of you fellows seen those 3 beautiful 300 foot towers of Trenton's newest broadcast station, WTTM, located just above Yardley, Pa.? This station will operate on the frequency 920 Kc. we are told, with a power of 1000 watts and a 24 hour schedule. More power to our own first local full time station, and lots of luck!

W3AID's brother Clint Burroughs, just left Fort Claiborne, La., for Fort Lewis, Washington. Lots of luck old fella!

FLASH! FLASH!

--G3DL VISITS TRENTON--

Maurice Brown, G3DL, from Manchester, England, was entertained by DVRA members at the home of Ed Raser, W3ZI, on February 21st. He was the guest of Les Allen, W3CCO whom he contacted via long distance fone upon arrival in good old U.S.A. Maurice enjoyed his visit here with true DVRA hospitality, and witnessed just how hams in this country treat all strangers who come into our midst. Maurice was very much surprised upon witnessing a special presentation of the motion picture of local ham activity, "Trenton's Radio Amateurs," which has been produced by the DVRA. G3DL is a wireless op assigned to one of Britain's fighting ships, in port at the time, somewhere in the United States.

HI WIND!!

It was stated in the last issue of the NEWS that Bill Petty, W3HAZ, had been inducted into Uncle Sam's army. We wish to correct that statement and advise you that Bill was NOT INDUCTED, he enlisted for duty with the Signal Corps, in which, he is now stationed at Fort Monmouth, N. J. Sorry to have made this mistake Bill, but a little advice on the subject from you would have prevented this error. Let's hear from you old fella! (Ed)

And while we are with the boys in the

armed forces, lets remind you that our former club president and director, Sammy Kale, W4HOE, ex-W3VE, has received promotion from Captain to Major in the 112th Field Artillery at Fort Bragg, N.C.

And Tony Sivo, W3HWT, is stationed with the army somewhere in the Panama Canal Zone.

Also in the army, Louie Szives, W3GNM, is now a Staff Sergeant, Nice work fella!

While Bill Petty, W3HAZ, was stationed at Fort Knox, Ky., he was quartered in the same barracks with W2NVR of Newark, N. J., also an engineer from WMBH in Joplin, Mo.

Ray Albright, W3AFA, Newtown, Pa., writes that he has carefully laid his transmitter away in moth balls, having removed the tubes, safely wrapped up, and hid em in a quiet place. May they rest in peace, Ray, and hope you can find em after the fracas is over, Hi! Ray also advises us that he has been with the Brewster Aero Co., since January 8th, in the electrical and radio department, and hopes to obtain his 2nd. class radiotelephone ops' ticket so he can go to work there later testing the transmitting installations. He advises us that the code test for this grade license is 16 WPM.

"The Arc", official organ of the Winston Salem Amateur Radio Club, of N.C., carries in the February issue, an editorial entitled "Get Tough", which is very fitting and direct to the point as to what we must do if we are to come 'out on top' in this fracas. Space limits us here to only the quoting of a small portion of this article but, in just this small portion anyone can grasp the meaning and 'tuck away in the back of his knoggen' the thought to be remembered by all: we quote: "There are still defeatists among us; we still have those would be appeasers who align themselves with factions insidious in their activities. Their superficial actions take on the aspect of marking time, until, they think, we shall have lost the war. They are as dangerous in their speech as torpedoes aimed for sure hits. Beware them and their wily machinations against the common good. Chivalry toward them and their so-called rights is another nail in the white box of hopes for victory. Get tough with them. Get tough with yourself when you find yourself lapsing into that stagnant indifference as to the outcome of this great conflict. We can be fanatic too, but cheerfully, willingly fanatic in the deter-

mination to give an all out effort for victory. We possess those qualities of determination which are as strange to our enemies as their conception of our interpretation of our own conceptions of liberty and freedom. Now remains only our further determination to utilize those qualities in the prosecution of the supreme aim of annihilating our enemies. If there's any "wiping off the face of the earth" going to be done, we're going to be on the wiping end. So let's get REALLY TOUGH. (By W4FSE)

The publication "The Arc", organ of the Winston-Salem, N.C. Amateur Radio Club, may be obtained via subscription for the very nominal sum of fifty cents per yr. Address James W. Harrison, W4FSE, Asheville, N.C.

At the last meeting of the DVRA, there was appointed, a new Associate editor of the DVRA NEWS. Ed G. Raser, W3ZI, was appointed to this post and has shown his cooperation by sending in the news which will be found under the column of his old heading "Ole' ZI's Korner". Thanks a meg Ed, and we will be looking forward to many more such contributions. Ed was also appointed as acting Secretary of the club replacing Bill Petty, who has enlisted in Uncle Sams Armed forces.

Reg Lippincott, W3FBT, is now teaching code classes for the Rutger course in some of Trenton's High schools. This course, we understand, covers three nights weekly, three hours per night, and will run for six months and covers both code and theory. We also understand that the A.R.R.L. Defense edition of the handbook is recognized as the official text book. Reg is also an active member of the Hamilton Township N.J. defense communication emergency network.

The Delaware Valley Radio Association, at the regular business meeting of Wednesday evening, March 11, will elect new officers for the coming year. Present officers are listed on page one of this paper.

The Hamilton Township, N.J. defense emergency communications committee, consisting of fifteen radio amateur residents of the Township under the able chairmanship of Dallas Fogg, W3ASQ, of 71 Park Avenue, Hamilton Square, N.J., are engaged in the construction of several 2 1/2 meter portable and mobile transceiver units, to be used for a secondary system

of emergency communications. This committee is working in collaboration with the Hamilton Township Police department, and, it is hoped, when all is ready, will be granted the necessary authorization to operate in the capacity required by any emergency which may arise. The entire committee is functioning under the general chairmanship of Mr. Frank Priest, who has been placed in charge of the Hamilton Township Civilian Defense Council, Communications Division. This committee is also conducting code and theory classes every Friday evening in the Greenwood School building. The code classes were, at the outset, under the tutorship of Reginald Lippincott, but were taken over by Mr Fogg when Mr Lippincott resigned to take over the code classes for the Rutger class. The theory classes have been under the instruction of Wm. Blumel, W3JOL. It has been rumored that these theory classes will be taken over in the near future by Anthony S. Rura, W3ARN. These classes are progressing very nicely with a scholarship at the present time of 44 students, including 3 YLs, all with the intention of obtaining their amateur operator license.

Steve, W3GPS, has moved all transmitting equipment into the attic for the duration and is using his speech equipment for records. He will sell all or part of the transmitting equipment.

The D.V.R.A. now holds only one meeting a month, that on the Second Wednesday eve each month.

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We are very sorry, but there has been no news received from the Y.L.R.L. or from the Ladies' Auxiliary of the D.V.R.A. We hope to have something from both organizations for our next issue, so, until then -- 73

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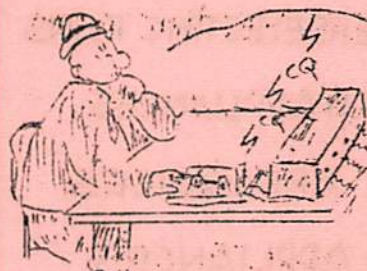
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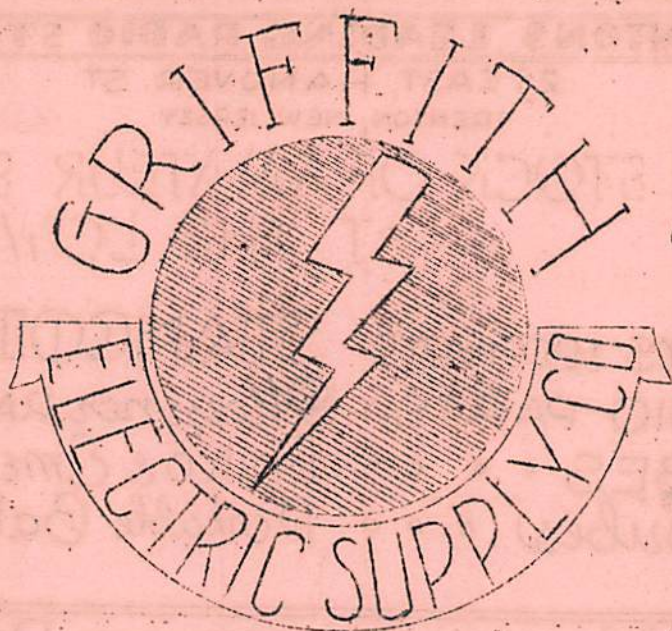
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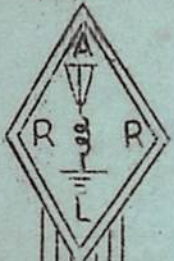
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NEWSPAPERS

1938

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EMERGENCY COORDINATOR
SOUTHERN NEW JERSEY SECTION

Theodore Torretti	W3BAQ
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EDITORIAL

Since the beginning of the "blackout" amateur radio has been kept advised of latest important developments of interest to our fraternity by the only organization which is devoted entirely to the interests and advancement of our great hobby, The American Radio Relay League.

Immediately following the cessation of order by F.C.C., the League went to bat and obtained special permission to keep us advised of up-to-the-minute events by broadcast of special scheduled trans-

missions from headquarters station WLAW; and, until later circumstances developed, causing the cessation even of this source of information, WLAW did an excellent job.

With WLAW silent, the League cooperated with the amateur fraternity in every way known, that amateur radio receive the recognition which we have every right to expect, in this great National emergency.

Through the League it has been possible for hundreds of amateurs to obtain good civilian radio positions. The League has made it possible for hundreds of "Hams" to obtain places of their own calling in radio sections of the Armed Forces. The League has brought about transfers for several of the "boys" who were not fortunate enough to enter branches of the Services which included radio work. The League has made it possible for those of us who do not care to retain their equipment for the duration, to sell same to our Government, and so recover part of the cash invested. YES, the League has given 100% cooperation. It now requests OUR cooperation; it MUST HAVE our cooperation. We need the League now as much as ever before, so let's get behind OUR OWN ORGANIZATION and see that it does not fail. Just because we are off the air is no reason to drop League membership. IF the League fails it will be BECAUSE WE LET IT FAIL! SUBSCRIBE!

W3CCU

ITEMS OF INTERESTMANY VETERAN AMATEURS LONG ACTIVE
IN TRENTON

A recent check-up of the records of amateur radio in Trenton and vicinity reveal some of "Ham" radio's real "Old Timers" are still active in this locality. Three of the fifteen radio amateurs licensed in Trenton in 1920 are still very active; while seventeen of the thirty licensed amateurs in Trenton in 1930 are also holders of valid licenses today.

Those who were licensed in 1920 are: Geo Hoffman, W3AKD; Wm Nicklin, W3AKB; Franklin Kurtz, W3ABN; Albert Naylor, W3AOK; Wm Salt, W3ALG; Hyman Siegel, W3AQW; Bruce Bloom, W3ASR; F.S. Katzenbach & Co., W3BAV; Frances Palmer Jr., W3AVU; Frank Silvers, W3BEW; Martin Pillsbury, W3BM; Edmund Burroughs, W3AIU; F.W. Applegate, W3EP; Edward Knowles Jr., W3CP; Edward G. Raser, W3CS, now W3ZI; and Amandus G. Wentzel Jr., W3HW

Of the above group, Raser, Wentzel, and Siegel are still licensed today. Raser at 315 Beechwood Ave under the familiar call W3ZI; Wentzel at 318 Gardner Ave. under the call W3HW; and Siegel at 208 Renfrew Ave. under the call W3EDP. Raser is also licensed as trustee of the Delaware Valley Radio Association station W3AQ, 1171 Lamberton St.

Trenton's list of licensed amateurs in 1930 included a total of 31 stations, of which the following are still licensed and active today: Wm. L. Meade, W3AFH; now licensed at 170 East Washington St; Wm. A. Burroughs Jr., W3AID; Samuel S Kale, licensed at headquarters 112th Field Artillery as W2AOV, Eggerts Road; and at 330 Concord Ave. as W3VE, now licensed under W4HOE Fort Bragg, N.C; Anthony Rura, W3ARN; Robert Dunham, W3ARR, now licensed at 5 Oak Ave., Morrisville, Pa; Yardley Beers, W3AWH; Meyer Marks, W3AWV, now at 1502 Park Boulevard, Camden, N.J; Theodore T. Torretti, W3BBC, now W3BAQ; Laurence Cumberley, W3BFE; Julius Kravetz, W3BMG; now licensed also under call W2OEF at Asbury Park; John S. Orlowsky, W3BMM, now at 429 Adeline St.; Lester Wood, W3BWF, now at 12 West End Ave.; Roger E Rose, W3SW, now at 756 Cherry Tree Land.

Of the 1930 "Hams" who are now inactive in amateur circles are: Knowles and Burroughs listed under the 1920 roster; Ray Hoyt, W3AGA; Howard P. Laessle, W3ARY; Bill Genozzi, W3BBC, licensed with Torretti; Wade Henderson, W3BIM; Clifford Oakley, W3BEW; Richard Brave, W3BSE; Bill Roberts, W3BOI; Wm Gary W3BSF; Ferdinand Sutter, W3CBX; Maurice Brink, W3RE; Harry Bower, W3EM; Lester H. Allen who was licensed

with Bill Gary under W3BSF is also among those very active today, licensed now under his own call, W3CCO, 704 Quniton Ave.

The foregoing is the roster of radio amateurs of the "Pioneer" vintage. The total number of amateurs in Trenton and vicinity up to the present date amounts to approximately 100 to 150 licensed and active stations.

"INTERFERENCE ANALYSIS AND ITS
RADIO RECEPTION EFFECTS"

By W. J. ZAUN
Service Division
RCA Manufacturing Co., Inc.

CHAPTER NINE
"SAME CHANNEL BEAT"

When a receiver is exposed to signals from two stations operating on the same assigned frequency, another type of beat note interference is found. This interference is evidenced in the form of a low frequency growl, waver or flutter and results from the difference frequency produced by signals from two transmitters whose carrier frequency differ slightly from the assigned frequency. Federal regulations permit deviations of 50 cycles per second from the assigned frequency. This means that the frequency difference between two stations on the same channel cannot exceed 100 cycles per second and that the beat note or flutter will be 100 cycles per second or less. Many modern transmitters have frequency deviations of only a few cycles per second and the beat frequency produced by two such transmitters on the same assigned frequency would of course be of a very low order.

If two carriers on the same assigned frequency have the same program, the resulting interference is in the form of a low frequency growl, waver, or flutter of the reproduction. If the beat frequency is within the audible range, and within the reproduction range of the instrument, there will be noticeable a low frequency continuous tone. If the beat frequency is below the audible range, there will be noticeable a flutter or waver which in some cases may give periodic complete program interruption. In any event, with the same program modulation there will be noticeable an "echo" effect, the extent of which will be dependent chiefly upon the ratio of the strength of the two signals, the lengths and time characteristics of the land lines supplying the modulating programs, and the relative distances of the two transmitters from the receiver.

If the two stations are operated at ex-

actly the same frequency, this echo effect will be the only noticeable interference. Where the two carriers are not modulated by the same program, the complexity of the interference increases, and the resulting reproduction is much more objectionable. The factors which influence the nature and complexity of the interference are as follows:

- 1 - The relative intensity of the two signals at the receiving point.
- 2 - Similarity or non-similarity of program.
- 3 - The frequency separation of the two carriers.
- 4 - The percentage of modulation of the two carriers.
- 5 - The phase relationship of the modulating signals, if the programs are the same.
- 6 - The phase relationship of the modulated carriers when their frequencies are exactly the same.

The seriousness of this type of interference depends largely upon the ability of the receiver to respond to the very low frequencies of the audible range. Therefore, as the quality of the receiver increases in this respect, the more likelihood of such interference being objectionable.

Because of the relation which must exist between the strengths of the two stations, the degree of interference will vary considerably over the country. It can be visualized that certain areas will be affected by signals of comparable strength on the same channel, whereas other localities will be remote in respect to these same stations. The ratio of signal strengths at the receiving point of two stations on the same channel is generally below an approximate value of 20 to 1 before this type of interference becomes bothersome.

Practical service treatment of this form of interference is effected by:-

- 1 - Reducing the low frequency response.
- 2 - Limiting the sensitivity of the receiving instrument.
- 3 - Using a directive antenna system.

A world of information regarding different types of interference in radio reception is yet to be forthcoming in future installments of this article by Mr. Zaun. Be sure to read them in later issues of D.V.R.A. NEWS, which may be delivered to you for the small amount of fifty cents, which will cover the cost of mailing to you for twelve issues. Send money order in this amount to W.R. Tomlinson, 623 East Brown St., Trenton, N.J.

"OLE ZI'S KORNER"

By Ed. G. Raser, W3ZI

FLASH! FLASH!

The Atlantic Refining Company is in need of a few operators to work aboard their ships to aid in maintaining continuous receiving watches. Amateur operators who hold class "A" licenses and are capable of copying 15 words per minute or better are acceptable, providing they are in good physical condition. The pay will be around \$200.00 per month plus room & board, with bonuses given when traversing dangerous waters. Commercial license is not required for employment, but the company will help those interested to qualify for this type license later. Interested applicants should communicate at once with the Atlantic Refining Company, attention Don Lusk, W3ZF, 3314 Passiunk Ave Philadelphia, Pa.

HERE IS THE CHANCE YOU FELLERS HAVE BEEN LOOKING FOR!

We were all more than pleased to say "hello" to Paul Solomon, W3GRW, while he was visiting home folk recently. Paul sat in on our last directors' meeting, and later gave us the "low down" on his experiences with the Tanker Fleet. He is standing by while his ship is undergoing repairs suffered in a collision at sea somewhere in the Atlantic last month.

Ole' Sammy Kale (Major Kale to you), ex W3VE, now W4HOE, is now stationed at Fort Sill, Oklahoma; having just been transferred from Fort Bragg, N.C. Lots of luck Old Timer -- Now you'll have to get yourself a fifth district call Hi!

We have just received information that Lt. Roger Rose, U.S. Navy, (W3SW), has been assigned to sea duty.

Bill Petty, W3HAZ, recently transferred from Fort Knox, Ky., now at Fort Monmouth, N.J., has just entered the "Fixed Station Operators' School" and has been issued a nice brand new shiny bug key, so sez Bill. He is one of the few "fortunates" who "made the grade" to enter this class, as only a small percentage of ops training at Fort Monmouth are lucky enough to attain that goal. Nice work, Bill!

Eddie Peters, our youngest club member, has received notice that he PASSED his examination for amateur operators' license, but, so far, the F.C.C. has not consented to issue the much coveted "ticket" to li'l Eddie. Cheer up YM, we understand

ZI's KORNER (Cont)

from good authority that it will be soon forthcoming, as the F.C.C. has started issuing "ham" tickets again. CONGRATS YM!

"Doc" Wilbur, W3GNU (ex W2NPV) is leaving his post as radio engineer with Federal Telegraph Co. in Newark, to join the ranks of civilian employees at Fort Monmouth, N.J. We understand Doc has accepted the position as instructor at one of the basic schools, to be opened at the Fort in the very near future.

Our good friend Tony Rura, W3ARN, is now working at the Kearney plant of Western Electric Company; and doing a fine job as Inspector of Aircraft radio equipment being manufactured for the new "Pilot Training Program" now in progress.

Incidentally, "Willie" Petty, W3HAZ, just recently received a letter of commendation from the Secretary of the Navy for 100% correct copy of the "Navy Day" message broadcast from NAA/NPG on October 27th. Good work, Bill!

Our former member, and Director of DVRA, Bud Waite Jr., W2OAI (ex W3HKO) has applied for a Commission in the Signal Corps. If granted Bud will rate a salute from you mugs of lesser rank (?????????) as he may be a Captain soon. Lots of luck Pal!

We take this opportunity of welcoming into our ranks as a new member, Pierre Williams, W3JAG, this month. Mighty pleased to have ya with us Pierre and sure hope the feeling is mutual.

Julius Kravatz, ex-W3BMG, former member of DVRA and resident of Trenton back in 1931, has turned up at Fort Monmouth, N.J. "Jules" is now a radio engineer in the Labs and lives in "Vail Village" just outside the Fort. His new call is W2OEF, but has been recently licensed in Providence, R.I. his home town for the past few years.

And, another chap who has turned up quite unexpectedly at the Labs was Don Reed, ex-W2AZW. Our last meeting was at Pine Camp, N.Y. during the last big Army Maneuver. Golly! one never knows who is going to turn up these days:

Les Allen's friend, li'l Donald (Duck) Worth, W2JWW, also turned up at the Labs, seeking a job, so we have been informed. Gosh! who's next??

Bill Petty certainly opened his peepers the other day when he had the good fortune of visiting the Signal Labs. He tells us HIS SERGEANT has been trying to "crash the gates" for more than four years; Hi!

THE Y.L.R.L. CONTRIBUTES!
By Nita W8TAY

The Y.L.R.L. wishes to extend their sincere wishes for the best of luck to those three YL's who are learning their "stuff" under the capable tutorship of W3BFT, with the ultimate aim of obtaining their amateur licenses. Our entire organization will be eager to welcome these girls into the ranks of our great Fraternity, and extends to them very best wishes for early achievement!

From Honolulu, Hawaii, come the news that K6TCW (The Cat's Whiskers) had a bomb or two drop down in front of their house, directly across the street, but has since lost interest in watching. Her OM started for Hickam Field but was turned back. They warmed up the transmitter to go on the air, but received order to keep over. Now K6TCW/K6QUD transmitter is doing duty in the Army. She is with 9th Signal Corps in the message center at one of the forts on Oahu. Helen is mighty happy to be of service to her country!

Ada Northrop's (W9RNO) move from Denver Colorado, to Alexandria, Va., gives Y.L.R.L. representation in another state. Hurrah! Ada's photo appeared in Oct. '40 QST. Says her defense work has been cooking and washing for her Geo-physicist OM Tom who was ordered to duty with the Reserves. Ada was at one time known as W9CCM. Her brothers are W9SVG and W9ZIM, ex-W9BDF, an RCA Engineer. Ada got her license in 1925 when just a "kid".

The Cleveland group is now minus another former member of YLRL, Gertrude, W8CKH, recently of Dayton, Ohio, and one of the first gals around Cleveland to get her license. She has moved to Bethesda, Md. Gertrude is a very clever artist, and her handwriting is really something to frame. OM also a ham, W8PI, ex-W8DJV & 8RD, if memory does'nt fail me. Although licensed W8CKH, Gert has done more with craftmanship than with operating these last few years.

The YLRL'ers will be busy scratching their sky-pieces thinking of nominees for officers of the League with elections

Y.L.R.L. (Cont)

coming up this month, they have so much good material from which to select. The Publicity Chairman and Secretary are by appointment from the League President, so that transfers the headaches to the new Chief Executive!

Maude, VE4APA, through the persuasive powers of two employees of an Alberta Power Co., relinquished her HRO receiver, TEMPORARILY so she was told, until they could get up their new building and they needed the HRO for monitoring purposes & they could not BUY one for love nor cash. The combined prayers of her OM, VE4AHZ, and two ham friends (employees of said power co) finally recovered her beloved piece of mechanism. She gladly returned the ACR, a money for commercial short wave work but the BUNK for amateur use, she says. (No arguments please as I've never had either -- just Hallicrafters --- did I hear 'sumpin'?)

Jack Ryder, W9VDE, ex-W8DQZ, technical writer for various radio magazines, is the OM of Sylvia Ryder, W8TLE, formerly of Pepper Pike, Ohio, now of Ames, Iowa; where she got a professorship in one of the colleges. Sylvia has not as yet advised us her new W9 call. She's an ex-teacher too.

Your humble correspondent's typewriter was temporarily "hor de combat" due to a bandaged hand and TWO bandaged knees, (NO, I don't type with my legs) the result of an involuntary prostrate position in contact with ashes due to a fall AFTER landing on LEVEL ground, but, no doubt, made me dizzy (HI) from a speedy trip down a long flight of stairs to catch a rapid transit train. Well, it could have been my neck!

 "WHO'S WHO" AT THE SIGNAL CORPS
 LABORATORIES, FORT MONMOUTH, N. J.

(Submitted by Ed. G. Raser, Associate Ed
 D.V.R.A. NEWS)

Many hams who have not been called into military services, or who are unable to serve in other branches, have rallied to the cause and are now doing their bit with the Signal Corps, U.S. Army, as a Civilian worker. The American Radio Amateur is particularly adapted in this line of radio work, and are doing an excellent job in their various fields. A complete list of these hams is given herewith: How many of these are your former buddies??
 FLAGG Clarence Arpy

WLCIW Russell Berg
 GRF Paul Munzer
 GYI Paul Johnson
 HCU Fred Taylor
 IN Geo. B. Shaw
 JYX Wasil Litvenko
 NBY Frank E. Kovalski
 NP William B Gould
 WZAEEL William Schwartz
 AJT Arthur N Fonskov
 MOB George Nuremberg
 AIW Charles Rogers
 AZW Don Reed
 AQC Abner Carblik
 AWL Robert Johnson
 BHB Al Zetekoff
 BIC Leon Cattan
 BLH A.L. Berger
 BPW James Silverman
 BWY Harry brody
 BYK William Wegge
 CJU Harry Landau
 COK William Frerichs.
 CPL Hans E Inslerman
 CQB Robert Brandt
 DGM Edgar Johnson
 DSV John Kelleher
 DSY Robert Kirkman
 EDI Charles Shifflin
 EHL Sam Balk
 ERC D. L. Huebner
 ESN Sam Antell
 FCT Thomas Baird
 FST William Deckert
 GDG Jacob Babkes
 GNJ Oscar Kusterman
 GTU William Jones
 GUM Anthony and Vic Colaguori
 HHW Lloyd Haslam
 HJK Ben Lewis
 HKY Michael Krause.
 HOW Samuel Pomerantz
 HRT Leslie Balter
 HWX Chaster Sharp
 ICY Edward Wiscup
 IJU Marvin Kronenberg
 IID Sidney Berg
 IVU Harold Schatz
 IYI Harold Ducore
 JIX Michael Ikonomou
 JJW Don Worth
 JKI James T Evers
 UKR Walter Swenson
 JLY Peter Maresca
 JPU Max Gindoff
 JVV Robert Noyes
 KBC C.T. Engberg
 KFG John O' Brian.
 KHS George Bryan
 KTD Pouline Nicholas
 KXM Leonard Beers
 LHN Harold Dann
 LIR Melvin Moore

'Who's Who' (Cont)

W2LJR Herbert Hawkins
 LNP L. J. Popkin-Clurman
 LYY Frank Wright
 LZX Jack Gutzeit
 MCH J. G. Sperling
 MFO Alfred Davis
 MKI Alfred Reinhart
 MOI Phillip Carswell
 MTD Donald McCann
 MUJ Willard Clark
 MWW Frances Wolfe
 NF William Mayer
 NNX Frank Belcastro
 NTA Webster Soules
 NUB Edward Whitting (ex-W3IIP)
 NXH Louis Asheroff
 OAI A. H. Waite Jr. (ex-W3HKO)
 OCC Thomas Marshall
 ODF Arthur Ross
 ODR Benjamin Chow
 OEF Julius Kravatz (ex-W3BMG)
 OEN A. David Middleton
 ZC Harold Churchill
 W3ABL Edward Edwards
 AZG Harold Hatch
 BAQ Theodore Torretti
 BYR Victor Braidwood
 CBR Edgar Conover
 CCO Lester H Allen
 EJE Sholon Kass
 FRX Donald Herotage
 ICE Alfred Cresse
 IHA LeRoy Craig
 PR Merrill Beam
 SJ James Lazzetti
 ZI Ed. G. Raser
 ex-W4DEL H. H. Callen
 W4DMZ W. T. Pope Jr.
 ELA Albert Emons
 GNQ Eugene Black (ex-W2ESO)
 SK John Fill
 W6IWQ Bernard Cassidy
 ex-W7MH Oliver Perkins
 W8BZP Joseph Pelkham
 DLU Marvin Bernstein
 GFD Ralph Yatko
 LBE E. Roy Farley
 TWE Don Barchok
 W9ABD J. R. Williams
 BDE LeRoy Lindberg
 IWN George Capen
 NX Quido Shultise
 OIQ John Bush (ex-W2OLO)
 OUL John Erhart
 RQH Paul Hansel
 RTM Charles Goldberg
 RWH Francis Biltz
 SYX Lloyd Dathe
 YCF Orris Wise
 YSN Jack Stevenson
 YKS Frederick Morf
 WAY George Casper

The following list have only operators' licens, but, NO CALL:

Leon Fields
 Nelson Fox
 Ira Myer
 King Strodola
 Webster Woolfe

 FOURTH DISTRICT NOTES
 By W4FSE

There are shortages in all things necessary for a monthly publication and some curtailment is from all standpoints advisable. Even a bi-monthly publication is better than none at all. Too, who can doubt that amateur radio publications are infinitely more valuable to the war effort than 999 out of a thousand pulps of "breezy" and pornographic nature. Were the decision mine, I would unhesitatingly decide to carry on in so far as possible all amateur radio publications.

STRIKE THREE!!

A stalwart outfielder of the American League "consents" to seek deferment from military service on the grounds that he made commitments while in Class 3-A that \$21 per month will not be sufficient to pay and even his five-figure salary of last year will not be enough to meet those commitments and support his mother.

Even the President Okehed the deferment. You ask why sacrifice the great American game and other privileges when these things are what we are fighting for? Did you ever hear of the necessity of relinquishing certain liberties in an all out campaign for victory?

The men of the military services bought refrigerators and stokers and took on obligations, too. You have 'nt heard radio amateurs grousing on account of their privileges being banned.

Let the clouting .400 hitter keep his appointments with his bleacherites, most of us have a rendezvous with a destiny that knows no recesses for afternoons at the ball park.

W4CRW and W4DBT joined the navy and enter Radar with ratings of RM2C. Elias, W4DBT, in middle of February, and Roddey, W4CRW, in early March. W4FVD, Berret, was unsuccessful in passing physical, and says that all those vitamins with which he has been gorging himself are overrated.

Max Anders (no call) is still a tool maker on the floating Laboratory, Aquamarine, in Washington. He now has a promotion to RM2C.

4th Dist Notes (Cont)

W4FVD, undaunted by his failure to make the grade on the physical for Radar, keeps right on trying to make himself useful by taking Civil Service exams in Radio. Being shunted from point to point by various examination boards, he has commuted from home to many points in the Southeast and back again until, he says, he feels like an oscillating pendulum!

SOMETHING NEW!

Of much interest to the average amateur is a new kind of light bulb appropriately named and trade-marked "VERD-A-RAY". This new bulb makes use of the diffusion of those green rays which are less harmful and more beneficial than the red rays. VERD-A-RAY casts a pastel green hue on white substances making them more glare-free than when the light is of the red rays. One is able to obtain more light and can read or work longer without eye-strain because the eyes can use more of the light VERD-A-RAY provides.

Harmful light intensities can soon be the cause of Vitamin A deficiencies, thus causing serious bodily ailments and probable permanent impairment of sight because nature provides for replenishment of the retina by Vitamin A. Comforting green rays are found in greater proportions in VERD-A-RAY than in ordinary lighting, thus conserving Vitamin A for other needs.

Carl Hill, W4FCY, of Canton has just finished training at Signal School in Washington and has been commissioned a Lieutenant in the Reserve (Army Signal Corps).

The first casualty in RM ranks is that of Eugene Brothers, W4EKR, of Hendersonville who was killed in action February 18th, when his ship was engaged with the enemy. He had been on active duty since January 1941, as RM2C on a destroyer. Only when such information will NOT be of use to the enemy shall we know further circumstances attending this engagement. Meanwhile we may well know that W4EKR acquitted himself creditably and we amateurs everywhere extend to his bereaved parents our sincere sorrow in their acute loss.

SECOND DISTRICT TRANSCIENTS

By W2GPG

Present members of the Kearney Radio Defense Corps consist of: Chris Morgensen W2HXO; Sam Shaw W2LSH; Fred Gichner, W2LTI; Irv Limbeck, W2NUX; and Robert DeCamp, W2BRD. Plans are about complete whereby the Corps will work in conjunction with the local

police, acting as police reserves.

Herbert Schor, W2EMN, has been added to the teaching staff at United Television Institute at Newark.

W2GOI is a radio telegrapher at Great Notch station of the Erie.

Aerial photography is the hobby of W2HNP, an employee of Newark Airport.

W2IKS recently acquired himself an Abbott TR4 two and one-half transmitter-receiver.

W2BRO is on the "inactive" list due to overtime work.

A burned-out generator is responsible for lack of ultra-high frequency operation by W2AAC.

Interest in model airplanes eventually led to "ham" radio when W2HVK dabbled in radio remote controlled planes.

Once again EC's and leaders of defense groups, etc., are urged to submit monthly reports to the SCM and let the rest of the fellows know what is going on in your town.

W2NYC finally garnered necessary cards from the 48 states for WAS!

TCRA has been building UHF rigs for defense work.

Clifton and Passaic, operating jointly, has 18 stations ready to go!

The Clifton Radio Club is holding code and theory classes for beginners and also theory classes who wish to obtain commercial licenses.

HI WIND!!!

In the March issue of the DVRA NEWS it was stated that "The Arc", amateur publication edited by Jim Harrison, W4FSE, of Asheville, N.C., was the Official Organ of the Winston-Salem Amateur Radio Club. This was an error on the part of your editor. "The Arc" is the sole property of Jimmy, W4FSE; he is the sole editor, publisher, backer, and everything connected with the paper, and is its original instigator, and has been since its beginning. (We offer our apologies for the error, Jim, very sorry, Ed)

All members of the Delaware Valley

Radio Association who are serving with the Armed Forces of the United Nations, who have not yet achieved the rank of Chief Petty Officer in the Navy, or Technical Sergeant in the Army, will be carried on the club roster, and will be relieved of dues for the duration of said service, providing their dues were paid in full at the time of entering the service.

Not so very far in the past, one of our local boys, John Power, W3AXU, became the proud owner of a fine steel tower which had originally been part of the equipment of a "Mims" 20 meter rotary beam. Johnny proceeded to erect same, and stuck in mother earth four sizable hunks of railroad steel to which he "anchored" said tower uprights. Around the railroad steel was poured about 12 inches of concrete in each corner, which was intended to complete the anchorages which were intended to "hold it down", and, altho those four hunks of steel extended quite far into terra-firma, and concrete adorned the top, Johnny is now lamenting the underrated "blow" which laid the tower "to rest", reclining in a very horizontal plane 'ere the blow had passed! My, My, Johnny, more concrete in the RIGHT place!

Boys, Tony, W3IOW, has been cited for bravery! As we all recall, Tony is Sergeant in Charge of radio equipment at his post in the Canal Zone. The thunder storms down there are known to be terrific, and, during one of these storms, Tony ordered the operators in his charge to climb up on a large wooden table in the center of the shack, which, saved the lives of these men as shortly thereafter a DIRECT STRIKE completely burned up the entire equipment and anyone who might have been near it would most certainly have been killed, or very seriously injured. CONGRATS TONY!!

Bob Lanzoni, W3FBC, has recently received transfer to Fort Monmouth, N.J. Radio School as Maintainece.

Our Associate Editor, and Secretary of DVRA, Ed Raser, W3ZI, is again on the move. Ed left town last Sunday afternoon for Fort Knox, Ky., where he will be working with the Armored Force Division, after the completion of which he will be doing duty at an Army Division "Somewhere in Texas!" Ed is working as Civilian Radio Engineer.

Shortly before Ed, W3ZI, left for Fort Knox, he received a phone call from the American Aircraft Corporation, a division of General Motors Corp, offering him a

job as Radio Engineer at the Ternstadt plant of GM.

Ted Torretti, W3BAQ, has accepted a position as Inspector with the Valpey Crystal Labs, in Holliston, Mass. Ted was formerly at Fort Monmouth as Civilian Radio Engineer in Field Service.

Dave Nabutovsky, W3ITU, has started as Radio Engineers' Aide at Fort Monmouth, N.J.

And, while we are on the subject of jobs let us remind you that Chick Anderson, W3JX, has landed another job; this time with the International Business Machine Company. Hope you like this one, Chick!

FLASH FLASH

Listen to station WRUL, 31 meters, every Monday evening at 7:30 PM; the ONLY station sending code instructions on the air. This is a bonifide code school which gives excellent study courses with a diploma at the finish. Write to Bill Chamberlain, care WRUL, Cambridge, Mass., requesting a Students' Manual of Code for the Beginner. Send One Dollar and Ten Cents, which entitles you to your diploma when you qualify at the finish. For any further information you may desire contact Bill at WRUL and he will advise you of what you wish to know.

Our Art Editor, Bill Blumel will, by the time this reaches the press, have moved into his own new home at 205 Park Lane, Hamilton Township. Bill has been located at 55 Annabelle Ave prior to the purchase of his new QTH. We will have to find out whether or not he has the necessary room for that 160 meter antenna, as you know, Bill had his last one removed by the kindness of "lovely neighbors!"

The D.V.R.A. NEWS staff wishes to thank those who are submitting news for this publication, also Jim Harrison, W4FSE, and Nita Bien, W8TAY, for permission to copy news from "The Arc" and YL Harmonics, the official publication of the 'Young Ladies' Radio League. There have been several promises of news, but promises do not look so good in print!

We are very sorry we have no report from the Ladies' Auxiliary again this issue; we will do our best to obtain something in the way of news from their reporter for next issue -- There should be quite a bit of news piled up by this time so let's hope!

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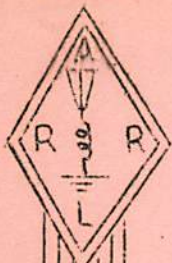
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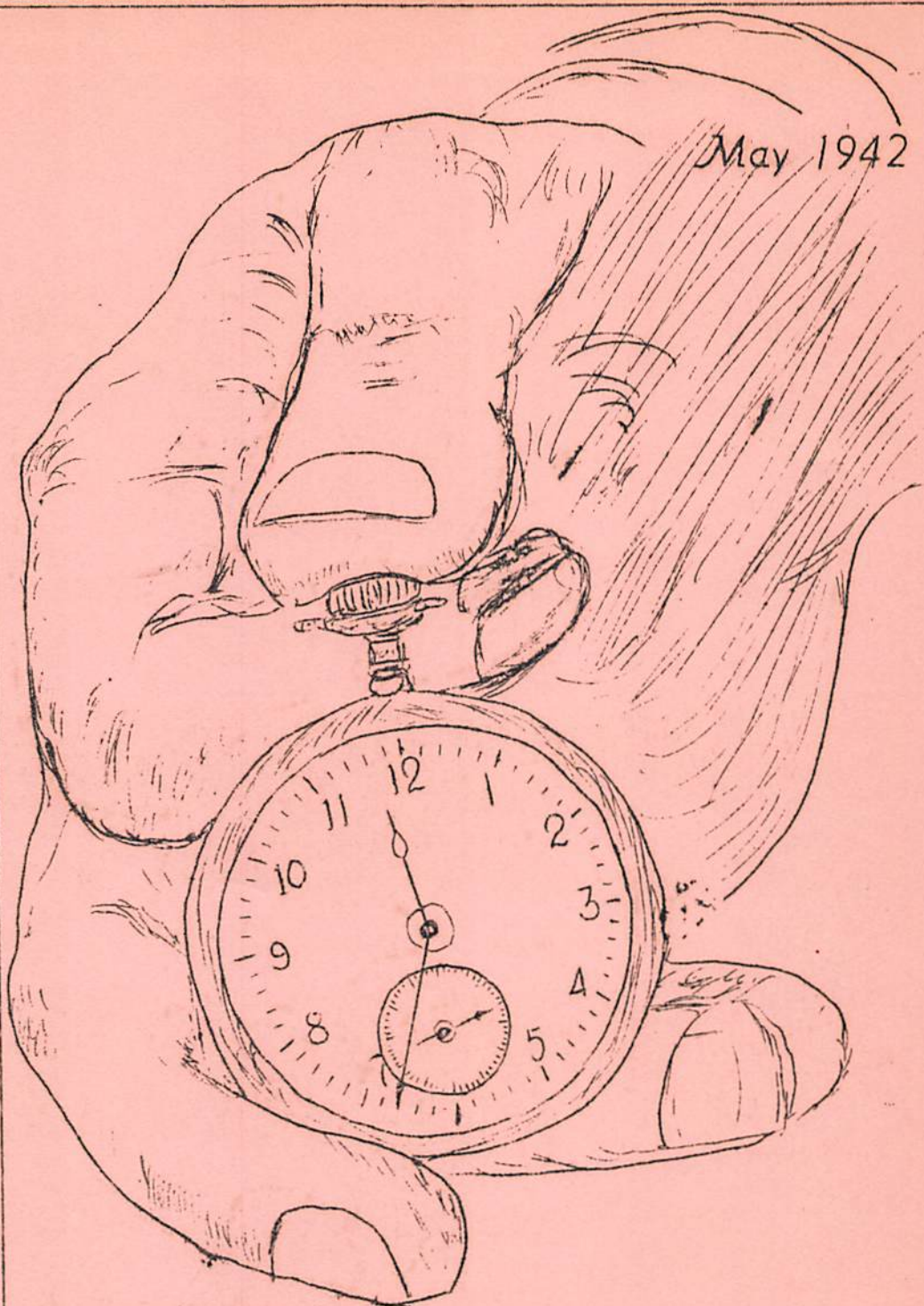
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May 1942



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NEWS

OFFICIAL ORGAN OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC. Trenton, N. J.

Wm. A. Schmitt W310L

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EMERGENCY COORDINATOR
SOUTHERN NEW JERSEY SECTION

Theodore Torretti	W3BAQ
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EDITORIAL

With the present state of affairs in a world at war it is seemingly difficult to perceive of the brighter side of Life.

Regardless of the horrible fact of grim conflict, we stand on the threshold of a most fascinating era in the History of Science -- The Electronic Era!

With Science making the best of a most elemental force of Nature, in effort to extend power of Human brain and Senses to unbelievable achievements, we really live in a golden age of electronic wonders; a gilded world of hope.

With the electronic developments of today, Science has made it possible to see things that the naked eye could never hope to discern. A hundred thousand colors of the spectrum can now be perfectly matched. It is possible to detect invisible flaws in the armament of a great battleship; or to accurately locate an ocean liner lost in an ocean fog. To hear the coming of swift airship; or the approach of a hostile submarine, and to listen to the heartbeats of an insect.

Yes, scientific developments of the present day in the electronic field are amazing and many.

Aside from these applications are the marvelous achievements in the fields of Radio, Television, and several other forms of communication. Equipment for the protection of vital defense establishments; and, the progress of Scientific Research in the Medical field in their quest for cure of the ill, and relief for the injured and afflicted. Yet, beside these, Science forges steadily ahead with other and new inventions, many of which, because of world conditions, cannot be credited here, but, as knowledge becomes greater, and when Democracy has won this spreading battle for Liberty and Existence, the electron will, in that great Tomorrow, serve Humanity in literally a thousand new ways.

OFFICIAL DOPEMARINE CORPS OFFERS COMMISSIONS
IN AIRCRAFT WARNING SERVICE

Appointments as commissioned officers in the United States Marine Corps Reserve, for assignment to special aircraft warning duties, are now being offered to men holding Bachelor of Science degrees in electrical, communication, or radio engineering. College graduates with special training in physics or mathematics are also eligible.

Men appointed as second lieutenants receive annual pay and allowances of \$2196, plus an additional uniform allowance. Commissions in higher grades may be awarded to applicants with exceptional qualifications. Physical defects which normally would be disqualifying may be waived in certain cases. Men with dependents may be commissioned.

After completing a brief indoctrination course in customs of the service, officers selected will attend a three to six-months course of instruction on aircraft warning equipment at one of the service schools. They will then be assigned to Marine Corps units to supervise the operation & maintenance of aircraft warning and allied radio equipment. They will also be charged with the organization and training of aircraft warning personnel and units for both ground and air forces.

Prospective candidates should apply in writing to The Commandant, Headquarters, United States Marine Corps, Washington, DC.

OPPORTUNITIES IN MARINE CORPS
FOR QUALIFIED RADIO SPECIALISTS

Experienced radio operators, technicians, and repairmen are urgently needed for service in the United States Marine Corps.

Appointments in the Marine Corps Reserve with initial rank of staff sergeant have been opened to qualified men between the ages of 17 and 35, with the assurance that they will be assigned to aircraft warning maintenance duties. The pay of staff sergeant ranges from \$72 a month, in addition to food, shelter, clothing and medical care, upward to \$121.50, including allowances.

Candidates for appointment must be high school graduates and must hold or have held an amateur radio operators' license, Class A or B, or a commercial radiotelegraph or radiotelephone operators license 1st or 2nd class. Also acceptable is three months' professional experience in radio repair or service work.

Men accepted will be transferred at once to a signal battalion for assignment

to a special course of training in maintenance of aircraft warning equipment. Those not completing the course will be released from the Marine Corps if they so desire.

Men who meet the above requirements, but who are not high school graduates, may be enlisted as privates in the regular Marine Corps or Marine Corps Reserve with the assurance that they will be assigned to general communications duties. They will be assigned to radio schools in Quantico, Virginia, or San Diego, California, upon completion of recruit training. Men who fail to finish the course will remain in the Corps for general duty.

During assignments to duty outside the United States, all non-commissioned officers and enlisted men receive a 20% increase in their base pay.

Prospective candidates for the appointments described above may apply to the nearest Marine Corps recruiting officer, or by letter to The Commandant, Headquarters, U.S. Marine Corps, Washington, D.C.

A NEW TYPE JOB FOR THE
QUALIFIED AMATEUR

We are not at liberty to identify the project, but can tell you that there has been an urgent request from a government agency to assist in locating IMMEDIATELY a hundred operators for very important emergency work of special nature. It is associated with the military services, is vitally important, has many attractive features, and is civilian under Civil Service, arranged for by the agency. Minimum salary for the acceptable man will be \$2000 a year; from there on, a man's salary on his present job can be matched up to \$3200 a year. Jobs "for the duration." Almost any physical defect waived for the competent man. No age limits. No particular operator license required. Mechanical ability not required, there are separate maintenance men.

What is wanted are GOOD receiving operators of the HIGHEST PERSONAL CHARACTER with UNQUESTIONABLE LOYALTY TO THE UNITED STATES, for work of confidential nature.

Must be able to copy CW at minimum of 25 wpm on typewriter; (recorders used for high speeds) Knowledge of foreign languages helps.

The search for these monitors is being conducted by the American Radio Relay League, and we have been permitted to describe the work briefly. Essentially a long range CW monitoring project (not FCC) amply supplied with very special and interesting equipment including all kinds of recorders and unscramblers and arrays, com

bined with comfortable quarters on both coasts of the United States, it is as interesting an operating job as every offered the skilled ham. CITIZENS ONLY, of course.

The League collects these applications and passes them along to the agency concerned. Anyone who is interested should:

- 1 - Write an informal letter of application to ARRL, stating your name, call, address, age, whether married, whether dependents, what physical disabilities, draft status, present occupation, present salary, what languages know and how well, present code receiving speed on a typewriter, grade of operator license held if any, Outline your education. Outline your radio experience. State on which coast service is preferred. If you are personally known to any member of the ARRL Hq staff, name him. (Not that anyone is going to worry too much about these if you are a competent and trustworthy operator; they merely help in selecting.)

- 2 - Attach letters of recommendation from three persons not related to you, on their own letterheads, testifying to your character and honesty and your loyalty to the United States, and length of time they have personally known you. If such letters can be had from radio persons, let them also testify as to your radio abilities. If you are personally known to an ARRL Director or SCM and can get a letter from him, so much the better.

TIME IS OF THE ESSENCE --- HURRY IT UP --- any good CW amateur, A CITIZEN OF THE USA, can qualify.

The League can put almost any ham in the way of a better-paying radio job; can help anyone into the arm of the military service to which he is best suited. All that is necessary is a registration of availability, after the form on page 27 of December 1941 QST.

ITEMS OF INTEREST

Television Broadcasts

"World in Action", a series of shorts now being produced in various localities around the world and distributed in U.S. by United Artists, will be shown via television by the National Broadcasting Co. at regular intervals, in connection with NBC's civilian Defense educational program. -- Background shots will be taken in Alaska for Republic's "The Great Northwest Frontier" -- To insure authenticity, Paramount has engaged Royal Leonard, the American aviator who was Chiang Kai-Shek's personal pilot for six years, to act as technical advisor on "Sky Over China", which will dramatize the story of a com-

mercial air line official flying over that country during its struggle against the Japanese aggressors. -- 20th Century Fox has started production on another US Signal Corps Training film for the War Department entitled "Combat Counter-Intelligence".

Although production of radio sets and phonographs for civilian use was halted on April 22nd under orders issued by the WPB designed to expedite the conversion of the industry to the production of radio and other material needed for military operations, the production of replacement parts to keep existing radio sets in operation will be permitted.

Explaining the difference between a blackout and an air raid alert, an OCD report brings home the fact that life and business goes on just the same during a blackout, but during an air raid alert all business must be stopped while persons seek shelter.

A warning, sounded by George W Elliot, field director of the Philadelphia defense council, advises philadelphians to prepare for, immediately, blackouts which may last "two, three or four hours" and perhaps all night. Mr Elliot warned that the next blackout will be ordered by the Army and "may be the real thing".

"INTERFERENCE ANALYSIS AND ITS RADIO RECEPTION EFFECTS"

By W. J. ZAUN
Service Division
RCA Manufacturing Co., Inc.

CHAPTER TEN "ADJACENT CHANNEL BEAT"

This type of interference occurs from the mixture of two signals which differ in frequency by an amount which is within the audibility range. Under the American system of broadcast channel allocation, stations are assigned frequencies differing from those of other stations by zero kc., 10 kc., or some multiple of 10 kc. Therefore, the governing factor for this type of interference is the 10 kc. channel separation. Thus, when a desired and undesired signal, differing by an audible frequency of 10 kc., enter a receiver under conditions which permit both signals to appear in the receiver output, the reproduction will include not only both programs but also a steady whistle or beat note at ten thousand cycles. In order to reproduce this frequency, the acceptance

of the I-F system and the audio fidelity the instrument must be sufficiently wide to pass the second signal and give appreciable response at the beat produced. Since the beat which is present, is in the form of a continuous note, it is somewhat more objectionable to the human ear than random interference from the music or speech modulation of the adjacent channel.

Most receivers suppress the 10,000 cycle beat from adjacent carriers either by limitation of fidelity, high degree of selectivity, or by design of the loud speaker unit to prevent its reproduction of such a note. Filter circuits having sharp cut-off below 10,000 cycles are sometimes provided in high-fidelity receivers for elimination of the beat. A very effective means of accomplishing the same end is through use of a tertiary circuit, consisting of a parallel-tuned coil associated with the loudspeaker matching transformer. This coil is tuned to a frequency slightly below 10,000 cycles and gives a sharply defined attenuation and cut-off of high frequencies.

High fidelity receivers usually contain a control for reduction of selectivity which makes possible two degrees of fidelity. Where interference from an adjacent channel beat note exists this control may be reduced to effect its elimination. Tone controls also, are normally included on modern receivers and are arranged to reduce the audio response at the higher audio frequencies, including the possible 10,000 cycle interference.

Under ordinary conditions, the ten kilocycle beat is not frequently encountered, since the receivers subject to this interference are usually in the higher-price brackets and elaborate filter protection is justified in the original design. When encountered, however, there are two methods of treatment; the one being suppression of the adjacent channel causing interference with a sharply-tuned wavetrap; and the second, reduction of the high frequency response in the audio system of the receiver. Precise alignment of the receiver may also be beneficial.

----- "OLE ZI's KORNER"

The news submitted for this column this month has been received from none other than our own SCM, Lester H Allen, W3CCO, who is pinch-hitting for Ole ZI while Ed is on an important mission "Down in the Heart of Texas". Thanks Les, glad to see someone remembers our little "sheet" (ed)

Ole "Doc" Wilbur, W3GNU/ex W2NPV, former-

ly of Hightstown, N.J., Easton, Pa., Verona, N.J., and points west is now engaged at Fort Monmouth, N.J. in the capacity of instructor for the Civilian Trainee program.

It is not a secret that Mr J. Garfield Hassal, ex W3BBC, is going to perform his duties in the future for the Signal Corps at Fort Monmouth, in a civilian capacity.

And -- can you imagine -- Herman Posner well known parts personality of not many years gone bye is also "carrying on" at Fort Monmouth with our SCM Les Allen, CCO.

Heartiest of congratulations are very well in order for Bill Petty, W3HAZ, who, in less than one month, has completed the Army course in High-Speed telegraphy; a course which normally requires three months for completion. Bill is now permanently attached to the post as an instructor, his new address is now Co B, 15th Signal Service Regt., Fort Monmouth, N.J. Bill was formerly secretary of the DVRA before enlisting in Uncle Sam's Armed Forces; we salute you, Bill!

JUST THINK - Ted, W3BAQ, has found a more practical use for dry ice than that of refrigeration; Ted now KEYS the dinged-fuzzled stuff, and carries on COMMUNICATION within hearing distances. WHAT NEXT!

Dave Nab, W3ITU, better known as "Butch", is now a "big supply man" at Fort Monmouth; in fact, Dave "doles out" the rations on parts, solder, etc., to Ted W3BAQ. Don't be stingy with that dry ice, Dave!

Mostly talked of, but, never mentioned -- that subject of "Gastromic Disturbances". It sure will "show up the Burps in Modulation" -- If you don't have a copy, see "Tra-la-Ter-Rely" - alias W3BAQ.

Louie, W3GNM, is now attending X-Ray school at Fort Sam Houston and upon completion of the course will rejoin his outfit at Fort Clayborn, La.; Louie is a Staff Sergeant. Word also comes that Matt, W3GSR, is also doing OK by himself down Louisiana way; looks bad Louie, better sit up and take note!

Paul Solomon, W3GRW, has again put to sea after being laid up in port, with his ship in dry dock for quite a spell. Good Luck, Paul!

"Curly" Raser, W3ZI, is "Deep In the Heart of Texas" -- (Ketch on??)

Well known to the Southern New Jersey gang, Grier, W3FXV, is doing the same kind of work that W3GRW is doing; that of Radio Operator on board tanker. Grier says his ship is still afloat -- Lots of luck OB!

W3FFE has advised us that he expects to be among the graduates this month from University of Penn.

Walt Filson, W3BET, ex-SCM of Southern New Jersey Section, is spending most of his leisure moments in the flower garden trying to nurture of bed of "CQ" flowers.

Aaron Sloin, W3JNO, is now connected with Aronson's new full-time radio outlet, WTTM, as studio engineer. It is up to Aaron to keep the pic-plates turning, and to guard their audio channels during his period of duty with that station.

W3JIX, W3HHY, and W3IFT are all in RADAR training way out 'Frisco way!

It has been rumored hereabouts that Sam Kale, W4HOE, ex-W3VE, is a Lieutenant-Colonel, or about to be!

How many of you fellows remember when Freeman Electric Co., now Circle F, made porcelain sockets using black pressed paper for insulation between the socket base and the metal parts, and GOT \$2.00 per each for em?? - Well, if any of you want some of these sockets, they can be obtained from Les Allen, W3CCO, or Bill Hannah, W3EUH, as these boys have em around yet by the gross.

Just a few weeks back, we came across Bill Blumel engineering the installation of a number 10/2 BX job for his radio shack on the second floor front, with Bill Hannah, W3EUH, doing the laboring portion of the job. We understand Bill is contemplating an early return of Ham Radio to the ether -- WE SURE DO HOPE WILLY IS RIGHT!!!

Les Allen, W3CCO, has a few application blanks, and is looking for some amateurs who are interested in obtaining a job at Signal Corps Labs, Fort Monmouth, N. J.

WATCH FOR "OPEN HOUSE" NITE AT THE CLUB. The date will be announced shortly.

AWAKEN MEN!!

When President Roosevelt said "This country is gearing up for all-out program of defense. Every man, woman, and child is an essential part of this program," he

meant YOU -- the radio man too!

Here you are, wasting your efforts for personal benefit; just to enable yourself to pipe your RF to your fellow Ham - friend's shack when you can carry on the same conversations over the telephone; & you don't even realize the magnitude of effort you are about to waste in overcoming the great barrier which you may or may not know exists, namely, that pole-pig.

AWAKEN MEN! concentrate your efforts to benefit the Great Cause, or you may never again get the chance to enjoy the privilege of Ham radio. It is your DUTY to take a SERIOUS interest in the matter, for who knows when men like ourselves, because of the knowledge acquired through years of tinkering with our favorite hobby, will prove to be invaluable!

YOU can do YOUR part by coming to our meetings, the earlier the better, and joining in the discussions, from which you, if you really want to, will derive ample benefit.

(Submitted by Tony Rura, W3ARN)

"A HAM"

(From W2GPG)

To be a Ham is quite a feat,
To talk with folks you like to meet,
And if our tone be only chatter.
'Tis quite alright, it does'nt matter.
And tho our rig be big or small
That does'nt mean a thing at all;
Because the pleasure still is there,
So all of us may have our share.
We claim no geni to be
For oft times we are deep at sea.
But, mostly folks, we get along
We're just a happy, merry throng.
And may I say that I am proud,
To be in with this mighty crowd!

THE LADIES' AUXILIARY REPORTS!

The last meeting of the Ladies' Auxiliary was held at the home of Verona Kise. Before the meeting the girls held a covered dish supper, for which each one of the girls donated some of the food, and, in addition, each contributed a quarter to aid in bolstering up their club treasury.

The Auxiliary has been doing their bit to help cheer up the boys of the D.V.R.A. who have entered the Armed Forces of the U.S.A. by sending Easter greetings to all of the boys they knew. The girls all hope that none of the boys were missed in sending these greetings!

Charlotte Yoder, Sec'y of the Ladies' Auxiliary has several membership applica-

tion blanks on hand and would like very much to have them filled out and signed by some of the XYL's and YL's. Come on gals, how about it? You won't be sorry as there is always a good time on hand!

A very interesting letter was received from Nita Bien, of the Y.L.R.L., suggesting that your reporter write a few biographical sketches of our Auxiliary members. I am sorry to report that our girls are very reluctant about revealing their past. (Aha!)

Nat Hannah has recently suggested for anyone wanting to get a good laugh out of amateur radio to see the motion picture entitled "Whistling in the Dark," featuring "Red" Skelton!

FLASH!! As this was being penned out, your reporter received a letter from Robert Crozer, Fort Sill, Oklahoma, thanking the Auxiliary for the greetings sent him by us.

Glad to hear from you, Bob, it was great pleasure sending them to you and the fellows.

That's all there is for this month, so, until we meet again, 73, and best of luck.

THE Y.L.R.L. CONTRIBUTES!

By Nita W8TAY

A letter just received from F.E. Handy of A.R.R.L. says, "We shall be glad to credit the Y.L.R.L. in our 'HONOR ROLL', and we shall be pleased to be kept advised of the number of students in the classes, and their progress", which, is to show everyone interested that our organization is really living up to the slogan which it adopted, namely, "QRV" - the girls of the League, and the League are really READY, and ARE doing their part in this great program. There are several girls of our League already teaching code and theory, and other groups getting set to go. The following have already started classes, or are teaching in the Army:

W2JZX, Vi Grossman, at Aircraft Warning system.

W2NAZ, Lenore Kingston, Chairman of AWVS code and communications N.Y. city. Has had 1000 under her charge, and with W2NAI, W2NSL, W2NRC, W2NFR and W2MWY teaching code, and W2OJT covering theory, has turned out 13 new licensed YL amateurs.

W4GFO, Helen Davy, teaching potential selectors, 2 classes.

W7HHH, Bea Austin, 20 students, Civilian. W9DBD, Leta Bush, starting classes in St. Louis, Missouri.

W9WCW, Ruth Mask, Army-sponsored program at University of Wisconsin.

W1MDW, Fran, Defense work and code classes for local boys.

W1MRC, Ethel, has been working with the Red Cross in Airways set-up. Also buckling down to get commercial ticket. (Good Luck Ethel - ed)

W1MMP, Eunice, is planning commercial debut also. (Good Luck to you Eunice)

W1NJJ, Eunice, and her OM have been attending Air Radio Warden school.

W6SGD, Kitty, licensing agent for explosives, Prescott, Ariz., also Clerk of Superior Court.

W3AKB, Fran, Sec'y Amateur Radio Council of Greater Philadelphia as central agency for registration of all amateurs and equipment. Also member Red Cross Disaster Relief Council.

W6PGE, Received her 30 WPM certificate.

W7FWB, Ethel, Clerk Telegrapher, U.S. Army, stationed at Fort Douglas, Utah; code work and cryptography. Ethel's OM Henry Poole, former radio technician and built radio station at Miles City, Mont., is radio co-pilot Navy Air Corps.

Dot Evans, W1FTJ, has brand new Jr. Op, Ira Russel. Congrats, Dot!

Jean, W3BAK; Marie, W3HGA; and Dot, W3JSH are working hard at War Department.

Mary, W1MZH, advises that defense work is claiming the interest of the Lynn amateurs. Also that there are many new YL ops due to training down there from various defense groups.

Adelaide, W8UHB, is amateur aide to Air Radio Warden; also registered with local Red Cross group for home nursing. Has a boy friend in Alaska, also a ham.

Clara, W8KYR, is member of Civilian Defense Corps; says "have some tedious duties but very interesting".

W9WWP, Carol, has signed up for Defense Radio technician course at U of Wis.

W9ZIH, Virginia, also now has little Jr. op to raise.

FOURTH DISTRICT NOTES!!

By W4FSE

Harry Robinson, W4BC, is Communications

Officer, 2nd Bombardment Group, Army Air Corps, Langley Field, Va. Has been promoted from first Lt. and now sports two silver bars on his shoulders.

W4DHL, Tom Warren, is somewhere in Canal zone. Tom is an old Air Lines op.

W4CRV, has held practically all the licenses issued; is 65 WPM Great Lakes veteran op.

Bill Murray, W4HPZ, RM2C, is somewhere in the Atlantic. Bill was called to active duty last autumn.

A ham read this sign over a bar: "Try our new Slap-Jap-Happy drink" and ordered one. The bar-keep shoved out a glass of water and a 25c War stamp, saying, "That'll be a quarter, pal!"

Money Lender: "These tubes will bring in the neighborhood of three dollars!"

W4EJ: "Come on up a few blocks. I live in a more exclusive neighborhood."

A silent rig isn't everything, but it's a reasonable facimile of same!

LINE NOISE!

Ye editor decided to pay a visit to our printer, Les Yoder, last Easter Sunday morning, and, upon being admitted at the door, encountered Les's XYL all dolled up and ready to start for church. And where was Les? Well, his XYL said, "He's out there, go on out," whereupon ye ed repaired to the skilletry and found Les doing the dishes clad only in his SHORTS!! Ho Ho and a pot of dish-water!

ACTUAL INCIDENT!

An attendant at one of the local institutions walked into a radio shop recent-trundling a small vest-pocket radio set. Incidentally, this same radio shop sold the radio to the attendant about a year ago. The man laid the set of the bench saying, "See what you can do with this thing, will you?" Upon inspecting the set, the radio man remarked about how clean the set was, especially for being a year or more old; whereupon the man remarked, "Yeah it is aint it, I saw that dirt in there & shot I'd clean it up a bit, so I took off those little buttons you turn it with and put it under the spigot to wash out the dirt, and, funny thing, it has'nt worked since." (NO, he was NOT from the NUT HOUSE)

HIGH WIND

In the future all meetings of the Delaware Valley Radio Association will be started at eight PM. All members are requested to make every effort to be present by 7:30 so as to get the business of the organization completed early in order to give our friend Tony Rura, W3ARN, plenty of time to get his lecture, which he has promised for each meeting, over so he can get home early, as Tony has to get up at FIVE AM so as to be on his job in Kearney, N.J. by 7 AM. Please attend as many meetings as you can, fellows, as it helps Tony a lot; and please get there early. Thanks!

Ted Torretti, W3BAQ, is again out of town on an important mission, this time, westward!

Ed Raser, W3ZI, who has just returned from another mission with the Signal Corps, was attended, together with his fellow crew members of the Corps, a swell hamfest and banquet by W5GGQ and the gang down there. Ed says the W5 boys are a swell bunch. During his travels while on duty, Ed covered over 2000 miles in Army Mobile radio car, and was all along the Mexican border. Incidentally, the trip sure agreed with Ed, because he put on 11 pounds in 30 days.

IDY and AWL are somewhere on Long Island studying for second class ticket.

Bob Kulp has just about decided to line up with Radar at Belmar.

Bill Burroughs, W3AID, expects to become affiliated with General Motors at an early date.

Dave Sklute, former manager of radio department at Goldberg's department store is now at Fort Hancock as radio mechanic.

Steve Czorga, (Little Steve) is now a brand new papa. Congrats Steve, sorry, but was too interested in your ticket to ask you, "Boy or Girl" -- Oh well!

George Haas, W3HCL, is quartered in the same barracks with Bill Petty, W3HAZ. They are both permanent instructors in the high-speed telegraph training school at Fort Monmouth, N.J.

Well! well! well! at last Bill Petty has started to slip. It is rumored about that he has purchased the little band for the YL which constitutes the first step

in matrimony! Take it easy, Bill, you're in the Army now; and there MIGHT be a shortage in BIRD-SEED!! (All joking aside, we all wish you luck and success, Bill)

George Hulse, former field serviceman for American Radio Company, is now located at Fort Blandon, Florida, with the Army Signal Corps.

We don't know what Les Yoder does with his nights now that we are "off", but we DO KNOW what he does with his donuts!!

After paying off the ranchhands in the bunkhouse at Smoke River Dude Ranch, Gene Autrey, in "Heart of the Rio Grande", as he stands beside a close-up of a U.S. Defense Bond poster, gives the hands a great talk about buying bonds, which is a swell plug for the sale of Defense Bonds and stamps.

NEW HAM ARRIVES IN TOWN

Mario Tama, EA2JJ, who arrived in town about two weeks ago to become affiliated with the Ajax Engineering Corporation, came to this country direct from Spain where he has been residing recently. Mario is a native of Ecuador, although he was never licensed in that country; and while operating under the call EA2JJ was residing in Barcelona. Mario is interested in all phases of amateur activity and would be very glad to make the acquaintance of as many hams as possible during his stay here. He is staying at the hotel Stacy-Trent. Look him up fellows, let him see that the hams in Trenton are sociable; make his stay here as enjoyable as we can.

Our erstwhile friend and former service and repairman for American Radio Company has left us to accept a position with the International Business Machine Company in Rochester, N.Y. Good luck to you, Russ!

The departure of Russ Snedaker from American Radio leaves our friend Aaron Sloin, W3JNO, head man in the repair dept.

Aaron is also affiliated with station WTTM as studio technician.

W3EDP is among those listed for WPR certificates according to the latest list by Ev Mayor, K4KD, SCM for West Indies Section, and published officially by the Puerto Rico Amateur Radio Club.

Another of our local boys is in print in the May issue of QST: Yardley Beers, W3AWH, is pictured giving instructions to a group of radio-minded girls at Smith College, where Yardley is an instructor in Physics.

With Trenton's new radio station on the air eighteen hours a day with quality programs, first class announcers, and excellent quality, Trenton should at last feel mighty proud to have its own full time radio outlet. WTTM is located on the radio dial at 920 Kcs and operates on 1000 watts power.

The latest from our friend and member, Paul Solomon, W3GRW, who is operating on tanker service somewhere in the Atlantic says, "We were being shelled by an enemy sub; I sent the call and received confirmation from two Naval shore stations. I closed down and walked out of the shack, and, as I closed the shack door, a shell from the sub went right thru the shack, in one side and out the other -- but I was not in there then, Hi!" Close, eh what!

At the last meeting of the Delaware Valley Radio Association our friend and member, Tony Rura, W3ARN, gave a swell talk and instructive lecture on Ohms Law. We wish to express our thanks to Tony for his efforts in our behalf. We certainly need lectures such as these to show us how LITTLE most of us really know. Let us hope that it will be possible for Tony to continue these instructive talks.

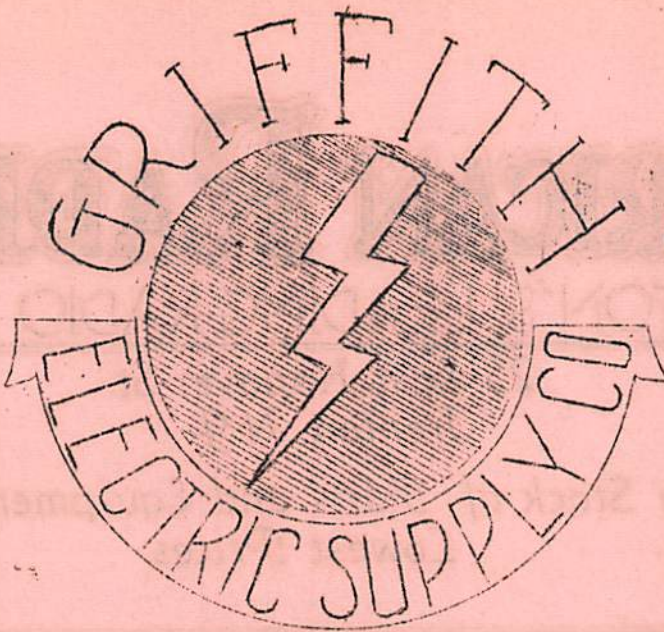
Another of our members, Ed Peters, has just advised us that he received that much coveted amateur license the other day; he received his OPERATOR license, but the Federal Communications Commission forgot to fill in the space that is allotted on the license card for the station call --- the call was deleted for the duration.

It has been reported that Bill Latham, W3HPE, is going to sign up with the navy for service at Radar, on Radiolocator service.

Bill Petty, W3HAZ, has completed the course at the High-speed telegraph training school at Fort Monmouth. This course normally requires from two and a half to three months to complete, but Bill managed to make the grade, and completed it in a little over three weeks. Bill has been appointed as one of the instructors in this course.

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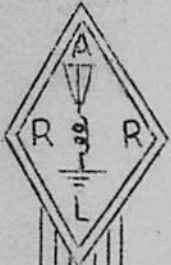
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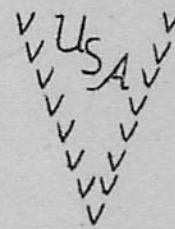
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June 1942

FOR
VICTORY
BUY
UNITED STATES
WAR BONDS
AND
STAMPS
REGULARLY



NEWS

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EMERGENCY COORDINATOR

SOUTHERN NEW JERSEY SECTION

Theodore Torretti	-----	W3BAQ
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The Delaware Valley Radio Association extends a cordial invitation to all visiting amateurs coming to the city of Trenton especially those affiliated with the Armed forces, to attend our meetings which are held each second Wednesday evening of the month at our club headquarters, the Trenton Yacht Club, 1171 Lambertson St., at eight PM.

EDITORIAL

Electrical Communication via various methods is the very heart of this, the greatest national emergency in the history of our nation. It makes possible the successful function of the plane locator; contact between flying fortress and ground tank and ship at sea; submarine detectors, and gun-fire control equipment; as well as efficient and rapid means of control of great numbers of men and equipment; also instantaneous communication between the

armies of war covering an entire world front.

We of the Amateur Radio Fraternity are very well proud of the fact that we are an intregal part of this great communication system. Although the home station of the amateur is necessarily inactive, our members will be found by the thousands, and in all parts of the world, serving with our armed forces. Those of us who are not serving in the forces can be found affiliated with many and various units of Civilian Defense organizations, preparing themselves and their apparatus for the moment when amateur radio will be called upon to supply a much needed second line of emergency communication. To those of us who are of the belief that this preparation is useless, may we say, "Don't give up the ship; information has been forthcoming to the effect that there are very excellent possibilities for the reactivation of ultra-high frequencies by amateur radio for civilian defense use." While not for general rag-chewing, such reactivation will avail those of the fraternity on the Home Front their rightful opportunity of becoming active participants in this great emergency.

WE MUST BE PREPARED WHEN CALLED UPON!!
and -- we have every reason to believe
we WILL BE CALLED TO SERVE!

W3GCU

OFFICIAL DOPE

F.C.C. PUBLIC NOTICE 59141

March 31, 1942

RULES AND REGULATIONS REPORT No. 36

The Commission en banc today took the following action on Rules & Regulations:
Clarification of Aviation Use of Frequency 3117.5 Kilocycles.

Section 9.72 of part 9 of Rules & Regulations Governing Aviation Services with respect only to the use of the frequency 3117.5 kilocycles, was further clarified:

"9.72 Miscellaneous calling and working frequencies!"

3117.5 kilocycles -- National aircraft calling and working frequency for aircraft which normally fly regularly scheduled routes. This frequency shall be used in accordance with the following conditions:

(a) When aircraft, which normally fly regularly scheduled routes, are directed by proper Federal military or naval authority to operate off their regular route, 3117.5 kilocycles shall be available for transmission to ground stations or to other aircraft equipped to receive it.

(b) The frequency 3117.5 kilocycles shall also be available to aircraft flying regularly scheduled routes for transmission to any aeronautical ground stations except those ground stations which transmit on chain frequencies.

(c) The use of the frequency 3117.5 kc. shall be restricted to communications relating solely to aircraft operation and protection of life and property.

(d) The frequency 3117.5 kc. shall not be available for transmission by ground stations.

Such aircraft should also be equipped to receive 4220 kc and any frequency between 200 and 400 kcs.

April 21, 1942 59619

REQUIREMENTS FOR BROADCAST

STATION OPERATORS' FURTHER RELAXED

The F.C.C. today through its order Nr 31-A, upon recommendation of the Defense Communications Board, modified its rules & to provide a further relaxation of its operator requirements for broadcast stations. The original action of February 17, 1942 permitted the operation of of broadcast stations of any class by holders of radiotelegraph first or second class lic-
operator licenses or radiotelephone second class operator licenses. Holders of restricted radiotelegraph or radiotelephone operator permits are now added to be classes available for operation of broadcast stations.

The restricted radiotelephone permitted

however, first must be examined for proficiency in radiotelephone theory and secure endorsement of that fact on his permit. This may be done through special examination at a field office of the Commission, such examination being similar to the questions in radiotelephone theory required of a Class A amateur licensee. Necessary endorsement of the permit may be secured also by presenting both the restricted radiotelephone permit and a class A amateur license to a field office of the Commission. A person having one of these classes of license may qualify by satisfactorily completing examination for the other class. In any case the restricted radiotelephone operator permit must be endorsed by the Commission before the permittee is qualified for broadcast station operation.

This relaxation is designed to relieve a growing shortage of operators as a result of war conditions and the requirements of the military forces for radio operators. It is not contemplated that technical operation will be impaired or labor standards in the industry lowered through reliance upon this action of the Commission. A first class radiotelephone operator, responsible for the technical operation and other than minor transmitter adjustments, must be retained, and the station licensee will be held fully responsible for proper operation of the station.

Report Nr 39

April 28, 1942

The Commission en banc today modified rules governing Ship Services by adding subsections 8.114(d) and 8.115(k) to require American merchant ships to add an approved "safety link" to main antenna installations and to have available for immediate use an emergency antenna. Experience of merchant ships in many instances of enemy naval attack have found an inability to radio distress signals because of antenna damage. In most instances, torpedo hits or shell fire has broken the antenna, not because of direct hit or flying debris, but because the masts vibrate and whip to such extent that strain snaps the antenna. The newly required "safety link", it is believed, will reduce the amount of antenna damage caused from such sudden strain. In addition the emergency antenna is designed to function when and if the regular antenna is blown away or damaged directly.

STRAY LIGHT IS AS DANGEROUS TO SHIPS & LIVES AS IS LOOSE TALK -----

"WHEN IN DOUBT - PUT IT OUT!!"

ITEMS OF INTEREST

The Radio Corporation of America will not lag behind other large corporations in making its patents accessible to producers of war material, David Sarnoff, president, said the Company had assured the Government of cooperation and added that his firm has issued licenses to more than 150 manufacturers, approximately 80% of whom are actual or potential sources of war material.

Stressing the great duty that radio is being called upon to play in the war, Mr. Sarnoff called attention to the fact that peace-time standards for progress and success can no longer be safely relied upon in many cases. He said that to win the war as quickly as possible is the single purpose which now controls the nation, the individual and the business organization.

He said: "The safety of a company can never rise higher than its source, which is the safety of the nation. Therefore, until we win the war no individual, no business, no investment is secure. Today, the worth of a business must be measured in service, not in dollars."

----- (M.P.Her. 5/9/42)

RADIO LAW CALLED
"OUTMODED"

Mr. Frank E. Mullen, vice-president of National Broadcasting Company, told the House Interstate and Foreign Commerce Committee that present radio laws are outmoded. New legislation is desirable, but, it should "envisage the future in a nation at peace."

Pointing out that the United States had 425 receivers per 1000 population as compared with 62 receivers per thousand in the Axis countries, Mr. Mullen said, "A free radio supported by private enterprise, free from Government subsidy or ownership, is one of our democratic bulwarks."

"A combination of science, art, and sound business management has given to the public and American business a national broadcasting service without an equal,"

----- (M.P.Her. 5/9/42)

HUNTOON TO BE ACTING C.M.
DURING WAR -- HANDY ON LEAVE!

Our Communications Manager, F.E. Handy, WLB DI, has been granted leave of absence so that he might enter military service, and WLLVQ was appointed to become Acting C.M. Recently commissioned a major in the army, Mr Handy has been assigned to duty in the Communications Branch of the Army Air Forces and will be on duty in Washington within a short time. F.E. says, "I shall miss the frequent letters and con-

tacts with you fellows a very great deal, but I shall follow things through QST and any bulletins that extra-thoughtful club secretaries may address to the home QTH of WLB DI."

"John Huntoon was appointed acting C.M. by your A.R.R.L. Board to serve in my absence. He needs no introduction to most of you. As SCM of Illinois you knew him as W9KJY. He holds numerous trophies for extreme competence in handling continental code at high speeds. I know he will do his best by you. This is just to ask you to extend to him the same whole hearted cooperation that you have given so freely to me. I have greatly appreciated your help and your friendship. It is only necessary for each to do his part to have a smoothly functioning, strong, and efficient organization, and "Johnny" WLLVQ Huntoon will not let you down."

(We are aware that the board would appoint only those who are well qualified and will serve to the best interests of ARRL and the Fraternity. You may rest assured that our membership, and the D.V.R.A. will support Mr Huntoon as C.M. during your absence as we have supported you in the past. May we extend to you our sincere wishes for greatest success. (ed)

BOARD MEETING HIGHLIGHTS

On May 8th the A.R.R.L. Board met at Hartford in all-day session, every division represented, and every officer present.

The Board re-elected President George W. Bailey, W1KH; also re-elected was Vice-president Blalack. The Board reaffirmed its exceptional grant of power to pres. Bailey to permit him full discretion and ample funds to use as necessary in the protection of amateur privileges. The Board pledged its full cooperation with the communications policy of the Government and tendered W1AW's services, expressing the hope the station's reactivation might be found consistent with the war effort. David Houghton, previously acting treasurer, was named permanent treasurer for ARRL. The Board made it possible for members only incidentally in service work to be eligible for the post of Director, and radio advertising agents were ruled specifically ineligible. The Board policy of requiring 51% of licensed amateur club members to be league members for continued affiliation was amended so not to require cancelling of affiliations if any drop in membership percentage is plainly attributable to the war, and beyond the demonstrated efforts of club officers to correct.

"INTERFERENCE ANALYSIS AND ITS
RADIO RECEPTION EFFECTS"

By W.J.Zaun
Service Division
RCA Manufacturing Co., Inc.

CHAPTER TWELVE
"MONKEY CHATTER"

When two signals occupy adjacent channels, separated as to carrier frequency by 10 kc., the side-band frequency of one station is very close to the side-band frequency of the adjacent station. If either station is modulating more than 5 kc. of audio range, the two side-bands will overlap. In such a situation, if the side-band of one signal enters the second detector stage along with the side-band and carrier of the other signal, a peculiar combination of frequencies will result. The most troublesome frequency formed by this combination is that which is produced by the difference between 10 kc. and the modulation frequency involved. For example, if the case is taken where a 3000 cycle note is modulating the adjacent undesired channel, it will produce an interfering side-band which will be superimposed upon the desired signal as a 7000 cycle note. That is to say, the side bands of the adjacent channel station form a difference beat against the carrier of the desired station, or the one to which the receiver is tuned. This beat will be in the audible range and will have the character of "inverted speech". This means that modulation on the interfering station of low frequency will create an audible signal of 10 kc. minus this frequency, or a resultant high frequency. High frequency modulation, conversely, produces a low frequency audio signal.

Since this interference is an inversion of the adjacent channel modulation, it appears as an unintelligible mixture, commonly termed "monkey chatter". Receiver selectivity discriminates against this type of interference. It is also limited by proper restriction of the high frequency audio response. The selectivity ahead of the second detector is, of course, the principal factor in preventing response to the adjacent channel modulation.

"Higher fidelity" receivers are generally the only types affected by "monkey chatter" and their circuits are designed to afford the necessary protection against same. A sharp cut-off filter circuit included in the audio system is common practice in the design of high fidelity instruments. Provision of control for the high frequency end of the audio band

and the broadness of I-F tuning is also common in high fidelity design. Over-modulation of the adjacent channel station accentuates the interference due to "monkey chatter" because of the higher frequency side bands which are generated by such over-modulation. Over-modulation, however, is an unusual condition and should not be investigated as the most prominent cause for this type of interference.

In general, "monkey chatter" interference will be more prevalent at more points on the tuning scale in localities where the number of popular stations is limited, and where such stations are at relatively great distances. In metropolitan localities there is usually a fair assortment of popular stations, their field strengths are relatively high and the adjacent channels are of little importance.

This is the last installment of "Interference Analysis" which we have reproduced in serial form from "RCA Radio Service News", May 1941. We wish to thank Mr. Zaun, and RCA for the privilege of reprinting this article, and hope to have more such interesting and educative articles for this paper in the future. If space permits, we will reprint in future issues the reference data charts on this type interference which has been prepared by Mr Zaun to accompany this article.

"OLE ZI'S KORNER"

By Ed. G. Raser, W3ZI

Well fellers, since our last appearance in this column, we have been far and seen much, yezzer. It was my good fortune to have been assigned to field duty in "the heart of Texas". After completing our tests at Fort Knox, Ky., where we met the one and famous Larry Boyts, W9TDM, who is the "king-pin" in radio for the Armored Force Board, we proceeded to Temple, Texas by train. The local "hams" in Temple, a neat little city of about 15,000 population, were more than happy to be our hosts. Mills Hieronymus, W5GGQ, introduced us to the Merrill Edison, W5AMK, of crystal fame, and old-timer Jess Coleman, W5LM. The following Sunday we greatly enjoyed dinner at the home of W5LM and his YM, 15 Yr old son. To say that we were treated royally would be putting it very mildly. Visits were also made to Merrill Edison's shack and crystal labs which, incidentally, is located over his garage. W5AMK's call is famous on the 40 meter band as a participant in many contests. His XYL, W5DQF, is

an honorary member of Central Texas Amateur Radio Club.

The Thursday before our departure, the local boys "cooked up" a farewell dinner party and hamfest in honor of the Signal Corps Personnel, which was held at the "Moss Rose" Cafe. The boys of Temple were very proud of the fact that hams representing all districts but the sixth were present at this local affair, and had us written up in the "Temple Daily Telegraph", the town's scandle sheet. The calls of the amateurs representing those districts present were: W1HCU; W2AEL; CEN; GUM; AGG; W3ZI; W4EV; W5DCH; IM; GGQ; BEQ; AMK; W7GLH; W8DLU; BFD; and W8ZM. A rip-roarin, swell time was enjoyed by all and we will all remember our introduction to a sample of REAL TEXAS HOSPITALITY!

No doubt, many of you read the story in a recent issue of QST about Alaska's furthest north radio station, KFAR, which is operated by none other than K7BUB. Last week, Dave Middleton, W2OEN, engineer at Signal Labs. received a full page 'fax' (facsimile to you) copy of a letter addressed to him, over an experimental circuit which terminates somewhere in the east, signed by his friend K7BUB. Boy! was Dave surprised, and WHO WOULD'NT BE!!

It has been reported from good authority that li'l Paul Solomon, W3GRW, put to sea on another tanker, and this time, was REALLY wrecked. Full details are not available at this time, but, Paul's ship was torpedoed and he spent several days in an open boat before being picked up. Boy, what a story Paul will have to tell some day when the telling can be told! We are all still rooting for ya Paul.

Well, well, at last Ole' Doc Wilbur has become the "Mr" of Mr and Mrs William L. Wilbur! It has been reported that the ceremony took place on May 30th in Easton Pennsylvania. Doc had a nice home all ready and awaiting the bride in Long Branch, N.J. Much luck to you, fella, and long live the famous W3GNU/W2NPV!!

Bob Kulp, formerly of Hurley-Tobin Co., has accepted a position as radio instructor at the Signal Corps Labs, RADAR Division, Belmar, N.J. Good Luck, Bob.

How many of you fellas know that our friend Ed, W3ZI, has held eleven calls since 1914? These calls include: W3NG; CS; II; AOV; ZZB; ZZH; ZZU; CMH; AQ; W8GHY; and a special Army assignment of WLNE. Ed's WYL, Pauline, has held two, W3AEC and W3HVO.

Ed has also operated at many Government, Commercial, and ship stations in his 25 years of radio experience. Some of these calls include: NAI; NSD; KEBR; KUJQ; KDBD; WKEJ; WMAL; WWAB; WOAX; WYNJ; and WYU.

In looking back over past record, we find that Trenton had two most notable radio clubs prior to our own dear ole' D.V.R.A. The Central YMCA Radio Club from 1914 to 1917, with W.P. Perry as President, Howard Atkinson, Secretary, J.E. Pritchard, Treasurer. The Trenton Radio Association, was formed in 1920 by J.L. Tower, W3BAV, who was president, Ed G. Raser, 3CS, Secretary, and Grant Castner, Treasurer. It was not until 1930 that Trenton again had another legitimate radio organization, in the forming of the Delaware Valley Radio Association.

'THE BUDDING POET'

"WAKE UP, AMERICA"

There was a time, not long ago,
When shellfire lit the sky,
And free men stopped the shrapnel from
The shells that burst nearby.

Yes, free men gave their lives
That others might be free,
But very few of us deserve
That precious liberty.

No, very few would gladly die
With hands upon their swords,
Or turn our ships, or planes, or guns,
Without thought of rewards.

And so until it dawns on us
That this is a bloody war,
We'll never win as easily
As we have won before.

We'll have to buckle down and fight
Before there's peace for man,
For though we've never lost a war
----Neither has Japan.

By Edward J. Raser Jr.
(From the "Spectator", T.H.S.)

THE LADIES' AUXILIARY REPORTS!

The June meeting of the Ladies' Auxiliary will be held at the home of Pauline Raser, W3HVO; at which time there will be held a chicken pattie supper, the proceeds of which will be added to the treasury of the organization.

Les Allen, W3CCO, can be expected to be passing out the cigars sometime in July!!

Congratulations are again in order for L.R.Yoder Jr. on his first birthday anniversary. His Daddy thinks it's about time Jr. learned the code, as Mama overheard the Om trying to get the baby to say "CQ" the other morning!! Oh me!

BONER -- during a conversation at one of the Ladies' Auxiliary meetings --

Charlotte Yoder "Lettuce is 12¢ a head now".

Nat Hannah "Yes, but you can get a big head for 12¢".

Ruth Hirsch "It costs me more than 12¢ to get a big head". !!!!!

SECOND DISTRICT TRANSCIENTS

By W2GPG

Due to the fact that the majority of "hams" in this territory have either joined up with the armed forces, or are busy on defense projects, there isn't much worthwhile amateur news to report.

Leo, W2GPG, is also kept very busy with his regular job plus newspaper assignments from time to time.

"Your gallant stand in keeping "ham" radio alive through the medium of the D.V.R.A. NEWS is commendable." It is to be hoped that enough news can be garnered to maintain publication!

The West Orange Defense Council, articulating the issuance of special licenses for amateur defense participation, has been conducting a class in code and radio fundamentals once a week, at the West Orange Community House. This course has attracted a large enrollment to date.

"CURIO"

Looking back on the "old days" of ham radio in Trenton, we find an item published in the Trenton Times of 1920, in which it says "The club (referring to the Trenton Radio Association) has many members who are interested in wireless and most of them having sets capable of transmitting from 5 to 1500 miles distant. Most notable among them is that owned by Ed G. Caser, 3CS, who has talked to Pittsburgh, a distance of 400 miles, and has been overheard on a vessel in the Gulf of Mexico!" Well, well, wonders never cease -- and how ham radio has grown, oh what!

THE Y.L.R.L. CONTRIBUTES!

By Nita W8TAY

Mickey Marglin, W9ZTU, operating at Fort

Knox, Ky., radio station at Signal Office says they could use more women, and wonders where they are hiding!

Vi Grossman, W2JZX, is still teaching at Fort Dix, N.J., says she and the OM have worked out a book on teaching code so that they have their students taking 8 wpm in very short time. Vi is expecting a change of headquarters for her for some where in Florida.

Virgiline Heffernan, W20JT, Director of theory for AWWV in N.Y. has written a theory book for classes in code and theory. She has given us the minimum fundamentals of radio without the lengthy discussions on mathematics, transmitter diagrams etc., found in so many books. Most writers of radio books can't seem to realize what a job it is to give a bunch of beginners, some maybe having High School and some not, a course in radio theory. Virgiline has seen the need and has filled it pretty well. It is mimeographed and has nice black paper cover with "A.W.V.S." on it. We are proud to announce that she is a new YL-er and very active AWWV member.

Dot, W8UDA, has been in training with a leader dog. No doubt it will act more as a guard for Dot, who, though blind, isn't seriously handicapped in getting around.

W8VFL is now portable-mobile, instead of "will be". All set, and waiting!!

Elections are in full swing. A W1, W8 & a W9 form the nominees for the position of president and vice-president. On whom the Gods will smile is a matter of speculation.

A VE4 is already experiencing a shortage of elastic. She says, "With no girdle to guide her, she's getting wider and wider". Having seen a recent photo of Maude, we know she's still quite a kiddier.

Mary, W3FXX, has many interests, but still finds time to help out the Girl Scouts.

W1GQT is another Naval Widow. The OM, W1EVZ, is in the Coast Guard Reserves as a Machinists' Mate. The navigating he did as a pilot has come in handy on the boat. He was formerly in the radio business for himself. Lida is keeping the home fires burning until he returns to Holyoke.

If the IRE Convention is held in Cleveland in June as anticipated, the well-known Elizabeth, W3CDQ, threatens to visit

this writer, so, here's hoping. She has just returned from a trip to New York.

W2NAI, one of the best and most faithful instructors at AWVS in NYC, was somehow overlooked in a recent write-up on YLs in warwork. W8NAL, Gen, the conscientious former 5th CA AARS op, is now a radio operator at Fort Hayes. Dang-it, if these gals don't toot their own horns occasionally how are we to learn all these nice things. Glad W8SJT has been working several days a week at Red Cross headquarters and has but a few more hours to go to make the required 100 hours needed to earn her veil as Staff Assistant.

Opal Mason, new YLRL'er, and Rita Kilroy of Akron, are both dental Lab workers; are both about 20, and are the only two YL hams in Akron.

W6TOY was one of the 25 or more amateurs in Tucson Arizona reactivated by the DCB, but, since cancellation on January 6th, have been experimenting with light-beam Communication.

W8UBH, Adelaide, is in the midst of a course in first aid pursuant to becoming an instructor.

W9ZTU reports that her OM is confined to a hospital bed, and will have to stay there for quite a while.

Letha, W9OUD, is copying press to keep in practice.

W9IKS, Edna Cummings, is employed by 6th Area Signal Corps and is aiding in organizing electronic courses that are being started to train qualified men to become commissioned officers of the Signal Corps.

Marie, W3HGA, has moved to new QTH, Tuxedo Park, Newport, Delaware.

W5HWK was the proud receiver of the cup presented by W1FTJ for recent YLRL contest.

WHY???

Not so long ago, the owner of an old type, non-selective radio receiver, called at one of the local radio stores and requested a four-inch calibrated dial. When asked for what specific purpose he wished to purchase a calibrated dial, he replied, "Well, on my radio there is only a two-inch dial, and the stations are so close to-

gether that they interfere with each other, so I figured that if I put on a larger dial it will tune the stations further apart." The service man tried in vain to explain just why the customer would NOT procure the desired result by replacing with the larger dial. The man bought the dial, but has not returned to let us know what he thinks now!!

HIGH WIND

The Delaware Valley Radio Association is installing receiving equipment which will, when completed, comprise receiving apparatus on every portion of the radio spectrum, and will be inaugurated as a listening post for monitoring the bands at different times. Mr. Leslie R. Yoder, W3EED, has been placed in charge of this project as Director of Radio Monitoring for the D.V.R.A. Just recently Les put in complete lightning protection equipment for the antennae at the club.

Chick Anderson, W3JJK, seems to be doing alright by himself in his new job with I.B.M., having come out of his examinations with an average of 96%. Chick expects to be transferred to Chicago shortly. (At least, Chick is seeing the country any way!!!-ed)

A lil "s" that slipped into copy in our last issue, before a "he" gave W8TLE a professorship instead of the OM, W8DQZ. However, Sylvia could readily obtain one as she is a very capable ex-teacher.

There is a definite possibility that the F.C.C. will issue special licenses to selected amateur operators for the purpose of Civilian emergency work. These tickets, we understand, will be issued through local defense boards, who will select amateurs best qualified to serve the community. Of course, there will be no rag-chewing or worthless operating, with stations going on the air only when ordered to do so.

Not so long ago, ye editor called upon Les Yoder, W3EED, our printer, about nine PM and walked up on the porch and was just about to thump on the boards when Les's KyL opened the door to put something out on the porch; well, did she get scared, probably thought I was Lugosi or sumpin, let out a screech and gave herself an old-time bear-hug. Guess I'll get me a job with some doctor scaring people - it might help business! (ed)

If you birds would give up the news we would not have to waste t'other side Hi!

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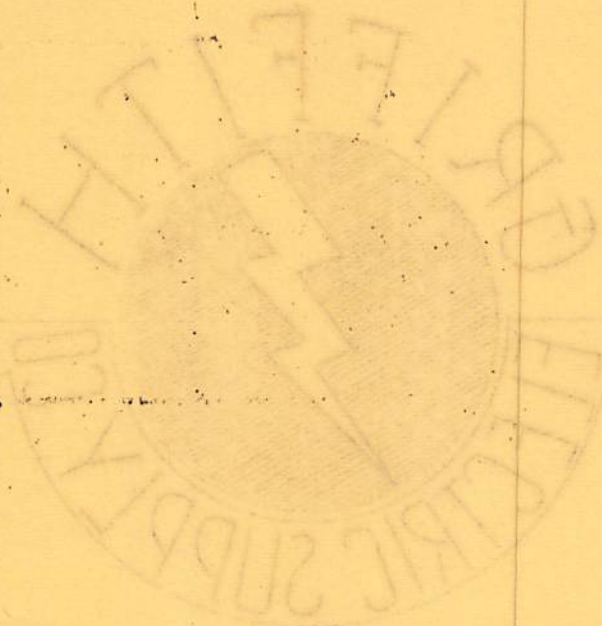
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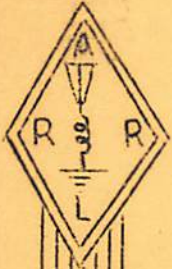
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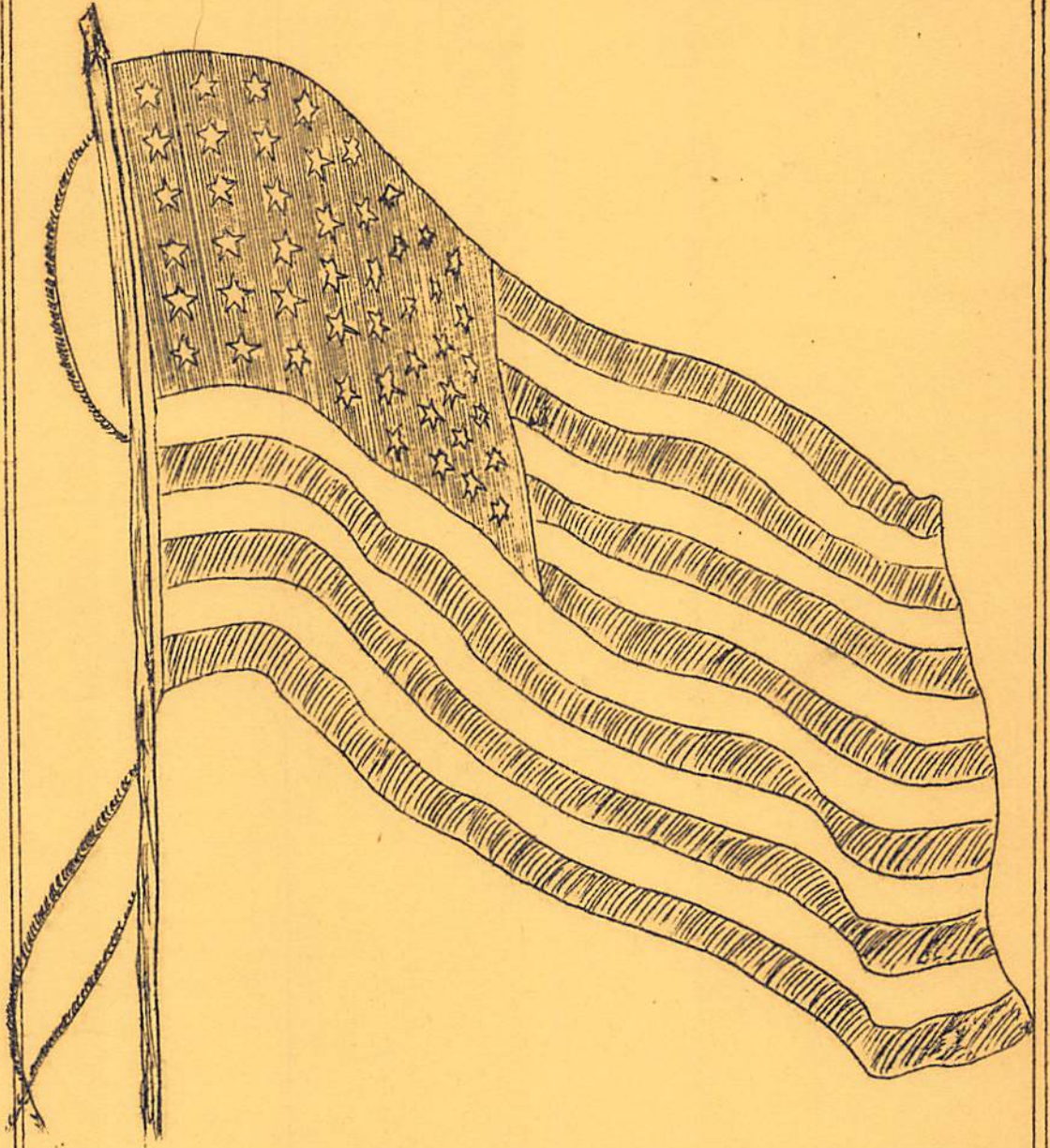
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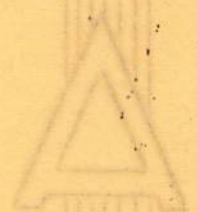
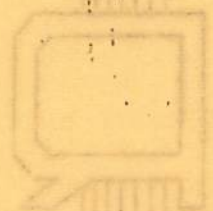
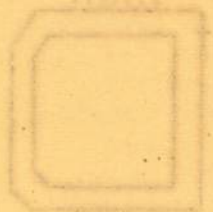
"UNITED WE STAND"

NEWS

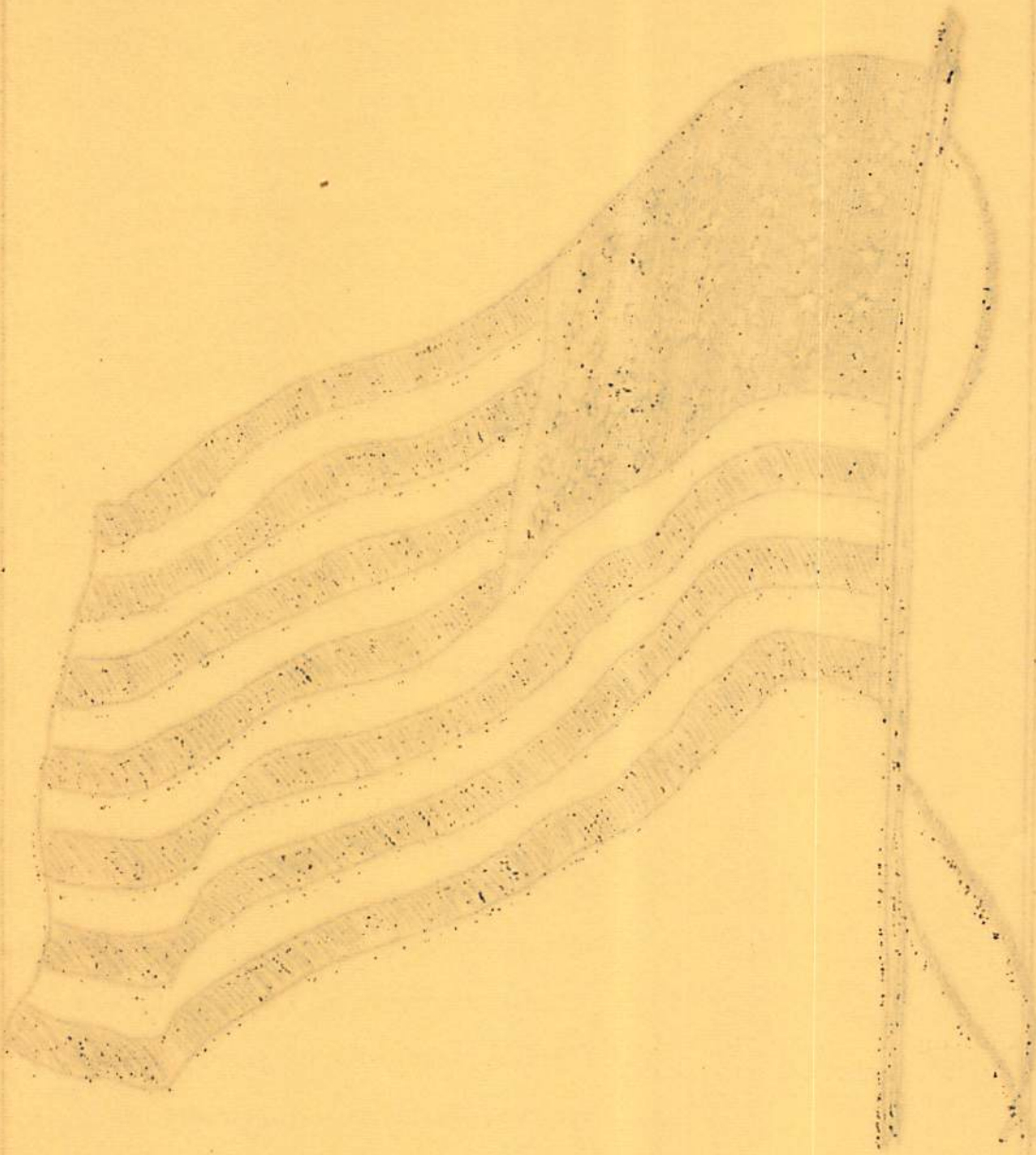
OFFICIAL ORGAN OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC. Trenton, N. J.

Edm. A. Blawie (W3JOL)

1001



July 1943



"UNITED WE STAND"

NEWS

OFFICIAL PUBLICATION OF THE UNITED STATES DEPARTMENT OF THE INTERIOR

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SOUTHERN NEW JERSEY SECTION

Theodore Torretti ----- W3BAQ

The Delaware Valley Radio Association extends a cordial invitation to all amateurs visiting the city of Trenton, and especially those affiliated with the armed forces, to attend our meetings which are held each second Wednesday evening of the month at our club headquarters, the Trenton Yacht Club, 1171 Lambertson St., at eight o'clock in the evening. All Welcome.

EDITORIAL

The most important announcement by FCC since thousands of "reactivated" amateur stations were closed down on January 9th is the announcement of the plan, now known to us as The War Emergency Radio Service; which provides for the utilization of the talents and equipment of amateur radio.

WERS, defined as, "A temporary radio communication service intended solely for emergency communication in connection with

the national defense and security," constitutes a complete set of new regulations, hereafter to be known as Part 15 of FCC rules; and has been devised to avoid the "looseness" that characterized the earlier reactivations.

Although operation of amateur stations is not provided for as such, WERS makes temporary use of our ultra high frequency channels, and consists of two kinds of stations; Civilian Defense and State Guard stations, the former in which amateur interest will be centered.

Not limited to operation by licensed amateurs, WERS will necessarily depend heavily upon our ranks for operators, and must, due to shortage of equipment and parts, count largely on amateur equipment.

The appointment of Radio Aides, who will be "master control" of local set-ups is required, and, in many instances may be appointed from our ranks, as the appointment is to be made by local authorities.

The War Emergency Radio Service IS our "go ahead" signal. There will be some who do not agree, but, to them we say, "It is time to swallow your "gripe" and go along with the rest of us in preparing to help serve our communities if and when disaster strikes." We cannot expect any reactivation of general amateur operation for the duration. WERS IS OUR PART-GET GOING!

OFFICIAL DOPE

F.C.C. ORDERS AMATEUR TRANSMITTER
REGISTRATION BY AUGUST 25th.

On June 19th, the Federal Communications Commission issued its Order No. 101, requiring the registration of every radio transmitter owned by a holder of an amateur station license. If such licensee does not possess any transmitter, he must so inform the commission.

This action follows in logical order up on previous actions by FCC towards other services: registration of diathermy equipment, and of transmitting equipment not owned by an amateur station licensee. It does not "freeze" or in any way prevent the sale of the gear. It is simply FCC's method of keeping tabs on radio transmitters.

APPLICATION FORMS

The registration itself must be accomplished by the person or organization having possession of the transmitter(s), whether that person is the licensee or not. Registration for a club station should be arranged for by the trustee. He (or she) must fill out an application blank (copies soon to be available from F.C.C. district offices), one for each separate transmitter. The final date for application is August 25th, 1942. When issued, the registration will probably take the form of a small placard, and must be securely and conspicuously affixed to the unit it documents. Upon the dismantling or sale of the apparatus, the registration must be detached and within 5 days returned to FCC with a statement of the facts concerning the disposal. If the transmitter is moved from its registered location to another location, the possessor must notify the FCC of that fact within five days. There is an unfortunate provision in the Order that an amateur station licensee who neither owns nor has a transmitter in his possession must, in addition to notifying FCC of that fact, keep the Commission posted on any change in his address, within five days of any such change.

The Order refers to "any device designed for transmission of communications by radio frequency energy." It is not intended to include phonograph oscillators, test oscillators, signal generators and wired radio systems. The r.f. section of a transmitter, then, even though detached from its power supply, should be registered. A lone final amplifier should be registered. And do not overlook u.h.f. transceivers. An e.c.o. must be registered. Separate power supplies need NOT be. Removing tubes or

crystals or meters does not relieve the possessor of the necessity for registering. "It is far better to register than not, for there is no penalty for registering," is the FCC's informal suggestion. One can completely dismantle a transmitter wire by wire and thereby exempt himself, but the registration process is a simple one and requires but a postal card requesting the forms, an envelope and a postage stamp to submit them after filling them out.

This registration of transmitters is going to be somewhat annoying to us amateurs, we freely admit, most of whom are engaged day and evening in furthering the communications end of the war effort; so has sugar and gasoline rationing, and so will be other civilian restrictions to come. But if it will help Uncle in getting this horrible mess over more quickly by reducing the possibilities of such equipment falling into the hands of our enemies in this country -- AND IT WILL DO THAT -- we amateurs should be eager to cooperate with FCC. If nothing else, it's a lot better than having to tear our stuff down as we were compelled to last time! Let's do our part cheerfully and promptly!

OPERATING JOBS

F.C.C. needs monitoring operators for a Rhode Island intercept station, capable of copying 25 wpm. \$1800 per year. If interested, send complete details on yourself and operating ability to George Sterling, Chief, Radio Intelligence Division, Federal Communications Commission, Washington, D.C., mentioning ARRL.

The Atlantic Refining Co. is in need of a few operators to work aboard their ships to help maintain continuous receiving watches. Amateur operators capable of copying 15 wpm or better are acceptable if in good physical condition (glasses with full correction are okay). Pay will be around \$200.00 per month plus room & board. Commercial licenses not necessary. If interested communicate with Don Lusk, W3ZF, 3144 Passunk Ave., Philadelphia, Pa., mentioning ARRL.

If you are a qualified radioman, open to offers of employment in war radio work, fill out registration form in Dec. QST & send it in to Hq. If you are a good operator or have technical radio ability there are many places for your talents, mostly on coastal areas where operating activity is particularly high.

PUBLIC NOTICE 60056 Report No. 40
ACTIONS BY THE COMMISSION

RULES AND REGULATIONS

The Federal Communications Commission on May 12, 1942 amended its rules to permit licensees of commercial television stations to broadcast but four hours of program service per week instead of the 15 hours weekly, required heretofore. The step was taken to prevent recession of this new art to a purely experimental or laboratory stage and to keep it alive, ready to flourish as a public service after the war emergency.

This relaxation, consistent with earlier measures, previously announced for relief of standard broadcast stations, will permit licensees to conserve the life of their equipment, particularly tubes, and will permit television stations to operate under conditions of greatly reduced personnel. Licensees serving the same geographical area are free to arrange and alternate their program schedules so as to increase the number of programs available to the public in their communities.

 FOURTH DISTRICT NOTES

By W4FSE

THE LITTLE GIRL GREW OLDER

Just a few short years ago Frances Nelson was a little red-headed tomboy who spent much time with an elder brother in his ham station. She preferred to tinker with a soldering iron rather than to play with older little girls. Frances says she always managed to get in her brother's way but his patience with her kindled an ambition which for a time was laid aside. Then the Government sponsored a radio communications course at Biltmore College and she enrolled. The course completed and a commercial ticket hers, Frances, now 21 and a pretty strawberry blonde, finds herself in the control room at radio station WWNC.

Overcoming a certain amount of nervousness at being the only woman in the control room and withstanding the good natured bantering of the male members of the staff, Frances is day by day getting valuable experience and doing a good job at the controls.

It is her belief that any woman who possesses the mechanical inclination can do the work in a control room, thereby releasing a man for military duty. Her lack of flippancy and her sense of responsibility with her ability make Frances an able engineer and a worthy addition to the WWNC staff. Frances will be an inspiration to the other young women of this region

who are mechanically inclined. ----- W4FSE.

Lieutenant Carl Hill, W4FCY, of Canton, recently commissioned in the Army Signal Corps, has been transferred from the Electronic Division at Fort Monmouth to Schenectady, N.Y. for special duty with the radio engineering division of General Electric. W4FCY, an EE from Georgia Tech, entered the service last April.

Tonny Freck, W4WL, is somewhere in the Army Civil Service in radio maintenance work.

W4FVD is at Lexington, Ky. FBI school doing special radio work.

Max Anders, RM2C, has been transferred from a floating lab. in Washington to The Atlantic Fleet. He enjoyed a five-day leave in Ashville last month.

W4ECW/RM1C, Joe Duncan, has hardly had time to become accustomed to his new rank, according to the return address on a letter recently received from him by W4FSE. Joe had written his name and RM2C in the upper left hand corner and then crossed it out, putting in the RM1C. Joe's promotion also brought transfer from Pedre Miguel to Balboa. Bill Hamrick, W4BWT, and Tom Warren, W4DHL, also received promotion to RM1C and are stationed in Balboa.

Lonnie Davis of Ashville after serving with the RAF in England as radio technician, wounded twice during raids by the Luftwaffe, went back into action only to suffer more severe wounds during another raid, has been invalided out of service with the RAF and is now back in Ashville. Lonnie reports as many non-informative to the enemy accounts of hair-raising experiences as a Richard Harding Davis hero. Even a fourth attempt was made to "send him West" as the ship returning him to Quebec was attacked by a sub before entering the harbor.

Col. Winthorne Reed, of Waynesville, N.C., is head of the Boston region as Commander of the first Interceptor Command. Col. Reed, after graduating from Duke in 1928, received his flight training at Brooks & Kelly Fields and once flew the New York-Boston mail route during the time the Army took over the mail routes. He has had the Army's specialized courses in engineering, radio communication and tactics & has an aircraft defense system in the Boston area which serves as a model for air-

craft defense system everywhere, England included.

Grady Bartlett of Swannanica, assistant professor of physics at N.C. State College, has been commissioned a Lieutenant (jg) in the U.S. Navy and joined the Naval Academy faculty as teacher of radio. Professor Bartlett is responsible for the proof of various phenomena in radio physics established during his research at N.C. State and University of Michigan.

W4DPF: "Do you know anything about electrical apparatus?"

Max: "Yes sir"

W4DPF: "What is an armature?"

Max: "It's a guy who has his own radio station and drowns out Charlie McCarthy on Sunday nights."

Ham says that the person you see in the mirror will make or break you."

W4ESL: "I read where the aluminum in one bomber would make sixty million coffee percolators."

Georgia: "Yes but one bomber will keep more people awake than sixty million coffee percolators!"

W4TO: "How old were you when you became a ham?"

W4ZM: "10 years, physically; 35 mentally."

Ham is so hard up that he buried his check book in the back yard and a rubber tree sprouted.

Add similes: As conscientious as the young squirt who stood out in the night air trying to catch cold so that he could talk bass to the YL during the next mornings phone qso!

We know a radio service man who had so much credit on his books that he closed up his shop and opened up a collection agency.

Seen in a phone ham's shack -- a sign reading "Do not talk to the operator".

Georgia: "Do you know why radio announcers have small hands?"

W4ESL: "No, Why?"

Georgia: "Wee paws ---- for station identification."

Newest way to work a "J": Fly over one of his 4,672 islands and drop a bomb on him!

HIGH WIND

You will all probably notice that this issue contains only FOUR PAGES -- there can be only one reason for this - NO NEWS. We know there is plenty of news to be had but no one reports anything in. Yea, we all like to read the news, but MOST of the gang are warming their paws again. COME ON GUYS send in the dope so we can keep our paper going! (ed)

Dallas Fogg, W3ASQ, has availed himself of the opportunity and has enrolled for the Rutgers Technical radio course at Trenton High. Good Luck Dal!

Harry White, W3CFB, formerly with American Radio Co, has become affiliated with General Motors; Harry is with the Maintenance department of G.M.

Our Printer, Les Yoder has changed his qth, to where, we do not know definitely at this writing, but we think he has gone back to live under that new 20 meter antenna he never got a chance to use. -- --Pa Pa!!

Bill Blumel, W3JOL, paid a surprise visit to ye ed the other night, and, by the gods, he was ridin a BICYCLE -- boy! is he a gas saver!! -- or is it "scotch?"

John Power, W3AXU, we have just learned, became a "hatchet-man" some months ago. John joined the Ewing Township Volunteer Fire Company.

W3GCU is just about getting around again after "hobbling around with a badly sprained leg.

W3AXU, who was formerly with the Sun Oil Company, has at last come out from behind the oil tanks, and has accepted a position in the Palmer Technical Radio Labs. in Princeton University. Congrats, John.

We have no report from our Ladies' Auxiliary again this month, and we must offer our apologies for the absence of Ole ZI's Korner, as Ed is very busy with the Signal Corps Labs. Ed said he had a little something for us but did not get time to put it in writing.

And, it is our guess that the same reason kept the report from the YLRL from our pages this month, but we hope to hear from the gals for our next issue.

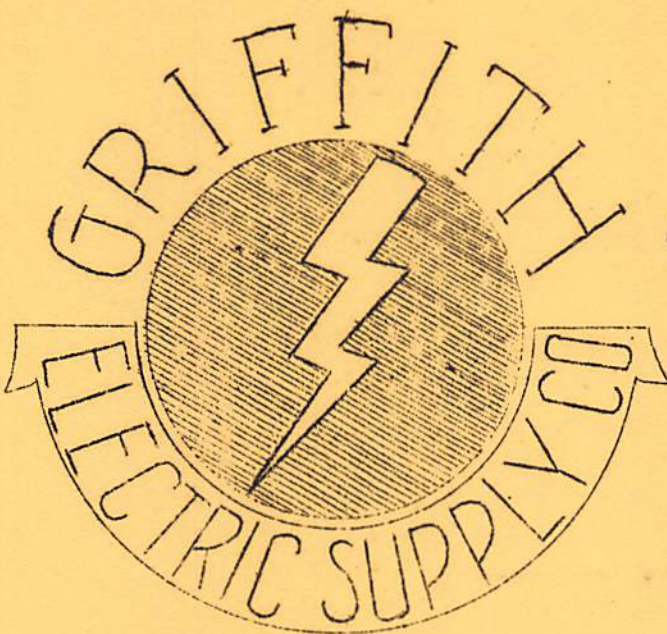
LET'S KEEP
GOING!!

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V

LET'S HAVE IT
FOR THE NEWS!!

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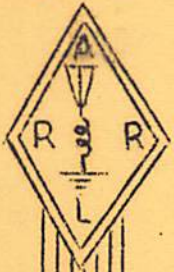
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August 1942



SPECIAL MID-SUMMER

"BabyHamfest" DOGGY ROAST

(Bring your own sugar, and we don't mean the kind that comes in paper bags!)

For time & place contact any D.U.R.A. Member

NEWS

OFFICIAL ORGAN OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC. Trenton, N.J.

Edm. A. Glavin, WJZL

August 1942

1001



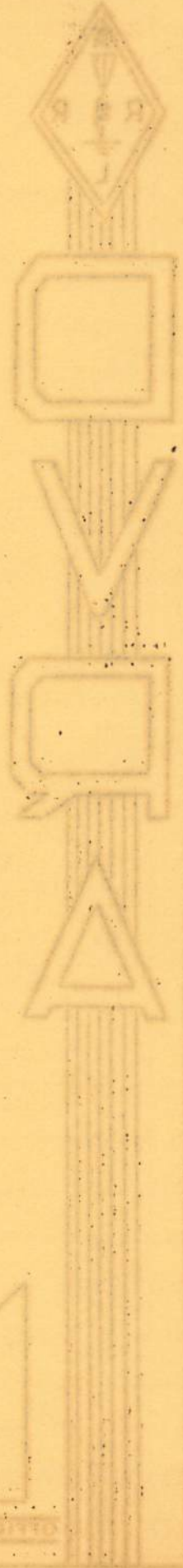
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EMERGENCY COORDINATOR
SOUTHERN NEW JERSEY SECTION

Theodore Torretti	W3BAQ
-------------------	-------

The Delaware Valley Radio Association extends a cordial invitation to all amateurs visiting the city of Trenton, especially those affiliated with our armed forces, to attend our meetings which are held each second Wednesday evening of the month at club headquarters, Trenton Yacht Club, 1171 Lambertson St., at eight o'clock in the evening. Everyone Welcome.

E D I T O R I A L

With our country engaged in war it is to be expected that there will be activities of subversive nature by enemy agents wherever they are able to perform their deeds of destruction; or plant the seeds of unrest among those of our population who may be gullible enough to absorb such propaganda. There will be also the advance agents of the enemy who will go about, apparently following the

normal pursuit of business or pleasure, "checking up" on this, that or the other thing, photographing objects of interest, getting the "lay-out" and mapping vital locations and sections; all directly under the unsuspecting eyes of police or public, but never the less, procuring valuable information and data that will be used by their murderous henchmen upon a return mission to spread widespread death, destruction, and injury among our workers, industry, and transportation systems.

To help prevent such catastrophes will require an alert American public. The watchful eye and ear of every loyal American citizen, and the cooperation of every man, woman, and child; the prompt reporting of anything seemingly un-American to the Police or Federal Bureau of Investigation, together with as complete details as possible. Don't be reluctant to report such actions, you may be the only observer and your hesitancy may result in death or injury to someone of YOUR OWN loved ones through sabotage. It is YOUR DUTY as an AMERICAN CITIZEN to make such information known to proper authorities as quickly as possible to aid in apprehending the enemy agents before they get the opportunity to pass their information along to others. Don't make a nuisance of yourself, but, REPORT SUBVERSIVE ACTIVITIES IMMEDIATELY!
W3GCU

ITEMS OF INTEREST

"ESKIMO" OF THE ANDES

"TOP" DEFENSE MAN BRAVES BLIZZARDS 13000
FEET ABOVE THE SEA FOR
WEATHER DATA

In the broad field of hemisphere defense, Senor Santacruz is literally top man. A whole month ago he dug himself in for the winter on a bleak, wind-lashed plateau in the Andes, 13,000 feet above sea level. Here his radio-meteorological station plays a vital part in the Pan-American-Grace Airways System, which links the east and west coasts of South America.

His hut perches in the shadow of the renowned Christ of the Andes statue; Aconcagua, tallest peak in the New World, towers 10,000 feet above him. And, as we are enjoying our summer vacations, Senor Santacruz has settled down to a four-month period of total isolation.

The Senor's sole companion is his mozo, or "boy". His only contact with the outside world is through his radio key. The only sight to vary the awesome grandeur of miles of snow-capped peaks is the plane that flies between Santiago and Buenos Aires once a day in each direction.

If this lone man in Upsallata Pass says "No", he won't even see that silvery ship. For he must give warning when the wind that lashes the mountainside becomes too vicious for flying. Such winds can bury his hut with snow in twenty minutes unless he and his mozo keep the shovels ringing.

Last August the planes had been grounded for two weeks by a blizzard; but, the Senor said it had'nt been bad at all during the storm. Yes, the drifts had piled 50 feet in places, and the mercury had flirted around 20 degrees below zero for nearly a month. To be sure, it was rather windy: his anemometer had recorded velocities of 175 miles per hour, but, he said, that was not too bad. He could remember some years ago when an early-type open cockpit plane used to stand stock-still trying to fight gales of better than hurricane force! - Not bad at all.

"SELFISH INTERESTS" BALK EQUIPMENT POOL

Efforts of the F C C to establish an equipment pool from which broadcasters could secure repair and maintenance parts not procurable elsewhere have been delayed by "selfish interests" within the industry, it was charged by Chairman James L. Fly recently.

Mr. Fly did not elaborate upon his as-

sertion that difficulty was being encountered in securing 100% cooperation.

----- M.P. Her. 7/18/42

AUGUST 25th DEADLINE FOR
AMATEUR TRANSMITTER REGISTRATION

On June 19th, the Federal Communications Commission issued its order number 101, requiring the registration of every radio transmitter owned by the holder of an amateur station license. If such licensee does not possess any transmitter, he must so inform the Commission. The registration itself must be accomplished by the person or organization HAVING POSSESSION of the transmitter(s), whether or not that person is the licensee or not. (Full details page 29 Aug. QST)

Because of the many amateurs away on military service or war work, a great many wives and parents will be left bewildered by the forms they request; or they may not hear about the registration order at all and so become violators of it. The boys in Australia or Ireland cannot be of much help to their families in filling out the blanks; it is up to us, who are still at home, to help the families of those in the services in properly registering their transmitting equipment with FCC. If you know of someone who has entered the services, ARRL suggests contacting those in whose possession the transmitting equipment remains, advising them of this order. Let's do our part cheerfully and promptly don't let the other fellows' equipment become "hot stuff", nor allow his wife or family to become "violators", make sure his rig is registered properly within the time allotted.

W.E.R.S. REGULATIONS

Last month's QST (July) contained the complete text of the FCC rules and regulations governing the War Emergency Radio Service, together with interpretive comment. Invaluable reference material for all concerned with civilian-defense communications is available from QST, West Hartford, Conn., at 25 cents per copy.

Page 93 of August QST carries about five minutes' reading time well worth looking over. We would advise the Japs to take a few minutes off, read this, and LET IT SINK IN!!! Others too!

A WORD TO THE WISE!!

Joseph Baumhuber Jr., 33, of Newark, N. J., was electrocuted recently, apparently while experimenting with a home-made diathermy machine to relieve chest pains!!!

"OLE ZI's" KORNER

AN URGENT APPEAL FROM THE UNITED STATES SIGNAL CORPS!!!!

Commercially-built transmitters and receivers are urgently needed -- lots of them -- The transmitters can be of any power from 25 to 1000 watts -- of the "boughten type" - designed for operation in any frequency band including the 10 - 20 - 40 - 80 - 160 meter band. Receivers include practically ALL the old standbys HRO, NC-100, NC-101, SC-17, SX-24, SX-25, SX-28, SX-32, RCA, RME-69, 99, 70, HQ-120, Super-Pro, and others.

Commercially-built eco's are also very urgently needed; particularly Meissner Signal shifters - either standard or Deluxe. Also needed are accessories of all kinds -- mikes, keys, xtals, extra coils & meters. If you have any of these items and you wish to do all you can in the interest of NATIONAL DEFENSE, drop a card to

Lt. Roy Jordan,
Office of Chief Signal Officer,
Washington, D.C.

and list such equipment with him. Reasonable prices will be paid by an authorized Signal Corps Officer working out of the Army Corps Area in which you are located. ACT IMMEDIATELY -- OUR COUNTRY IS IN VERY URGENT NEED OF EQUIPMENT OF ABOVE MENTIONED TYPE.

Very sorry I could not get any dope in for this column last issue, but, was called away on special duty working with the 1st Air Force, Mitchell Field, Long Island, and have just returned, and am trying to "dash off" a bit of news before departing for another mission which, I expect, will take me away for another month, so hope to see everybody as soon as I return.

Had quite a surprise during a week-end a while back, when several of the old gang from my old outfit, the 119th Observation Squadron, Air Corps, from Fort Dix, dropped in to see me after two years service in the Armed Forces. Seems they were on maneuvers at Mercer Airport, and thus the opportunity presented itself to visit old friends after "long-time-no-see".

Roland Reed, W3ATF, is now a Staff Sgt. located at USMC Air School, Quantica, Va.

Bill Burroughs, W3AID, is working at Grumman Aircraft Plant, Bethpage, Long Island, N.Y. He will later be stationed at the new American Aircraft plant at West

Trenton (former G.M. plant) as radio mechanic. Bill is living quite high these days - they are being quartered at the famous Garden City Hotel.

Steve Jesso, W3CFT, is Staff Sergeant in the 8th Armored Division, Fort Knox, Ky.

Those who would like to drop a line to our old friend Bill Roberts, ex-W3BOI, now with Sperry Gyroscope Co., may address him at 101 Clark St., Brooklyn, N.Y.

Very sorry I cannot tarry longer and dish out more stuff, but, time is getting short, and I must be on my way, so, so long for now and hope to be able to spend a little more time with you next issue. 73

THE Y.L.R.L. CONTRIBUTES!

Leta Bush, W9DBD, reports that her OM is in the Navy in RAADAR, and seems to like it FB.

Speaking of "Little Girls Growing Up", let us advise you that Leta is on the pay-roll at station KMOX, "The Voice of St. Louis".

(The YLs ARE "going to it" - ed)

Anné, W8UUY, of Freedom, Pa., is working in St. Louis now.

We present herewith a little "ditty" sent in by one of the girls of the YLRL, who, for reasons she did not mention, does not wish to have her cognomen affixed thereto. However, if any of you girls wish to know who the author is, drop me a line, and I will contact her, and she can write you: (ed)

"A WOMAN'S VIEW"

Being a ham may be a thrill;
But I have more than had my fill
Of having dinner ready just
To hear the OM say "I must
Go back once more before I leave"
So I watch my cooling foot and grieve.

Or else I'm all dressed up to go
To some swell motion picture show;
My hair is combed, my teeth are brushed,
The dishes done - but how I rushed,
And then my better-half would chime,
"I'm on the air - some other time."

But that, of course, was all before
This nation started in this war.
Now silent rigs collect the dust,
Condenser cans are hosts to rust.
You'd think at last I'd be content:

Instead, I've found a new lament.
For now, and you can be the judge,
I've really found a fitting grudge.
Old Muzz, and Hitler, Hiro too --
I'd like to tell em what to do.
They closed my OM's station flat --
When I'M the one who should do that.

Mrs W3???

(Mrs W3 so and so told me if I used this and published her name "not to look for any more" -- well, we want more from this little lady, so, there is the reason her name does not appear, so, get out your pen, Fair Lady, and put on your thinking cap and let us have some more from you for future issues -- ed)

INFORMATION JUST RECEIVED!

The U.S. ARMY SIGNAL CORPS is in urgent need of all the ALTERNATING CURRENT power generating equipment that is not being used. Specific type of equipment needed includes gasoline, Diesel, kerosene, or fuel oil driven engines, driving 110 to 220 volt generators of 500 watt to 25 KW capacity and larger. All negotiations in connection with inspection and approval for purchase of this equipment will be handled by Signal Corps representatives in direct contact with owners. If you have such equipment and are not using same, or in any case wish to dispose of same, advise ARRL Headquarters as soon as possible giving full and as complete data as available.

ALSO: Let ARRL Apparatus Bureau at Headquarters know if you have a 24 hour clock (Gordon or G.E.) and what price you will accept for it. THE NEED FOR THESE IS VERY URGENT!!

List what radio equipment you have that you care to turn over to various war agencies conducting the war, with the League. If you have disposed of some of the equipment that you had previously listed with the League, please advise them of this fact so that the records at headquarters may be corrected. Please do this immediately!!

FOURTH DISTRICT NOTES

By W4FSE

Cecil Roddeys, W4CRW, has completed course in electrical engineering at Texas A & M and is now stationed at the naval aviation base at Corpus Christi, Texas. Cecil entered the service last spring as RM2C and was one-time city of Asheville employee as bookkeeper.

Aviation Radioman Vincent Clarke of Mar-

shall is at Link Trainer School at Pensacola, Florida Naval Air Station. Vincent was a member of the NCR unit of Asheville and was one of the first to be called to active duty in January 1940. He has had service at Charleston, Norfolk, Key West, Banana River, Florida, and the Canal Zone.

Clarence Carpenter, W4GYK, of Enka, is now an aviation cadet at Maxwell Field, Alabama.

The News services of North Carolina some weeks ago carried stories originating in Greensboro that should sound a clarion-voiced alert to amateur radio clubs everywhere. The stories concerned the theft of transmitting equipment from the clubhouse of the Greensboro Radio Club and the officers investigating the robbery conjectured that there was probability that our country's enemies had made away with the equipment for purposes of their own. That almost all of the stolen equipment was recovered does not mitigate the seriousness of such gear being in the hands of those who have no right to it. No matter what precautions against theft are taken, it is possible for such thefts to occur. Custodians and trustees of club property have more responsibility concerning their trusts now than during time of peace. Even so, it is necessary and required that they should see to it that no such equipment in their custody ever finds its way to those who have no right to it. It is not within the province of "The Arc" to concern itself with placing blame or "preaching" to any amateur about his duty, but any commentator may point to a moral.

W4EFX has been promoted to RM1C and is doing duty aboard the USS Borie.

W4GW is running the show at Key West & doing a darn fine job of it. He is a full Lieutenant now.

W4BMR is teaching radio to young navy fliers at Jax, Florida.

W4FIX was home in Asheville for a short leave in mid-July. His eyes are keeping him out of the air temporarily but did not keep him from obtaining a commission. Congrats, Ensign Duncan! Joe says that aside from the opportunities for more service to his country in acquiring his commission, the most perfect thing about it is a chance that the "Bull" (W4EFX) will have to salute him if they meet. That'll

be sweet to Joe after all these years of deferring to "Bull" in their horseplay with each other.

W4FCU is still working a great many of the 168 hours of the week in the war effort.

Captain Harry Robinson, W4BC, Communications Officer for Army's Second Bomber Group at Langley Field, suffered a badly twisted knee while disembarking from a bomber three months ago and has recently been hospitalized with an operation a possibility. Harry says the only bright spot in his misfortune is that he can now hoard his rationed gasoline for a trip home; if he can weedle a leave when he gets out of the hospital.

Marc Galyean (no call) is aviation cadet at Maxwell Field, Alabama. Marc was a licensed pilot even before entering service and was also engineer at Radio-station WWNC. He completed CPT course at Biltmore in 1940.

W4ESL, who has been doing photographic work for Stephen's Press came away from a medical exam somewhat depressed on account of the medico says, "quit that work and get yourself to bed a certain part of the day, every day" but Cecil obeys with tongue in cheek. So when his former employer gets pushed in the mud on the new army hospital work, Cecil gets himself out of bed and hies himself down town to help them out of a tight spot. "The show must go on" is an axiom of the theatre but its every day stuff to an amateur. W4ESL after his name has a connotation all it's own.

W4DBT, Lewis Elias, now in Raadar at Texas A & M, was married to Gena Howell of North Wilkesboro, N.C. on June 12th in the Chapel at Texas A & M College. Lewis, prior to entering the Navy a few months ago was engineer with radio station WWNC.

Menelaus' XYL had nothing on our own W9DBD, Leta Bush, of St. Louis, Missouri. Whereas the fair Helen caused a ten year war and sent a thousand ships to sea, Our Leta's indirect reign over station KMOX, "The Voice of St. Louis", had a briefer duration. But for five hours and one minute in June 1942 Leta was the dea ex machina controlling the destiny of a fifty thousand watt station.

Leta reported for work at KMOX to receive training as a war-time replacement and twenty one engineers went on strike

because station officials refused to dismiss her as she was a non-union technician. The strikers returned to work after five hours and one minute when station manager announced a pending ruling by an arbitration board.

The relations between a union and an employer have many ramifications little understood by the average onlooker, but one can feel a profound sympathy for a lady who becomes a storm center in contention not of her own choosing and by no volition on her part, especially as the best of motives prompted her to accept the position in the first place.

Whether or not Leta joined the union one can believe that she stood up for the right as she understood it.

HI WIND!!

Our own SCM, Lester Allen, W3CCO, last night, Monday August 3rd, became the proud daddy of a seven pound, seven ounce Junior Op. Mother and Son are both doing fine at Mercer Hospital; and Les wants everyone to know that HIS little fellow HAS HAIR!!! (S'more than the Old Man has!!! Oh well!)

Members and friends of the Delaware Valley Radio Association enjoyed a very pleasant evening recently at the annual doggie-roast which was held at the farm of Danny Petricco's Uncle. In addition to the "dogs", there were plenty of Soda pop, toasted marshmallows, and peanuts. The affair was started in the area directly behind the slaughter house, but t'was discovered that this was not the appropriate location for such an affair, and the whole outfit was moved to another spot further removed, where the balance of the evening was enjoyed by all. Best part of all was that the mosquitoes took a holiday. We sure appreciate the fact that Ted Torretti W3BAQ, brought TWO GALLS with him instead of one, but, some of the fellows are lamenting the fact that Ted forgot to introduce the ladies to em -- now aint that too bad!

"Red" Hassal left just recently for duty at Fort Dix.

Steve Czorga, "Little Steve" has changed his QTH from Forrest Valley to East Franklin St. - Not so much room there, Steve!

Major Sam Kale, W4HOE, ex-W3VE, who is located at Fort Sill, Oklahoma, sent our treasurer a VERY interesting letter. Les was glad to hear from him, not having heard from him for quite a spell.

Ye ed, W3GCU, is still lamenting the fact that it is almost impossible to get any information out of the local boys for the paper. What little we have was "dragged" out of a few of the fellows after several phone calls and a lot of "traveling" -- all but the news of our SCM's new Junior Op!

LES YODER HAS MOVED AGAIN!! this time he has landed in a place on Pennington avenue near Parkway. Now he is too far to conveniently contact him and his KYL for news as he has no phone. Hope you like your new home Les!

And while we are on the subject, Les has gone in for photography; he is taking up a mail-order course in purty-graph work, and says he will take some swell pictures of the gang --- when he gets a camera ---- what about that "Sale-Swap" column in QST Les?

Henry L Yoder, Les's dad, also our treasurer, enjoyed a one-day vacation in Asbury Park the other day, he spent the WHOLE DAY on the porch of the Main Central Hotel - what a day!

There are many amateurs who from indifference or procrastination do not belong to the ARRL; and many members who do not know or fully realize just what the ARRL means to them and to amateur radio. For these amateurs and the radio-minded folks who are interested in amateur radio, the League's booklet, "The American Radio Relay League -- and What It Means to You" will be interesting and informative reading. There is no charge for this booklet, why not send for a copy?

Aaron Sloin, recently affiliated with radio station WTTM, has resigned his position as studio engineer to take charge of the rapidly expanding repair department of the American Radio Company.

Jack Sherman, formerly affiliated with Nidisco Sales Company is now serving with Uncle Sam's Navy in the Radar Division at Belmar, N.J. Good luck, Jack!

Under the new store hours at Nidisco Sales Co., the store will be closed every evening at six P.M., with the exception of Friday evenings when the store will remain open for your convenience until eight thirty P.M.

Evidence that all government bureaus or agencies are not red tape winders, or inan-

imate, or, sometimes inane machines, is apparent to those receiving acknowledgement of their offers to sell radio equipment to the Signal Corps. This reply, through a form letter, is alive with appreciation for the response of the amateur. Dictated and signed by First Lieutenant Roy Jordan W2KUD, of the Signal Corps, it ends with this gem: "Believe me, you can always count on the radio amateur to come through in an emergency, can't you? Keep up the good work in any way you can wherever and whenever you can."

Lieutenant Jordan is doing a fine job. He's probably a Captain by now, but if he isn't, he should be. W4FSE --

and we echo this ten-fold!
W3GCU

RI: "Do you have license?"
Ham: "Yes Sir."
RI: "Where is it?"
Ham: "They're all over me."

Those Yanks in the Pacific surely dread those zephyrs carrying scents on account of the Japs -- the skunks!

Miles: "But officer, you can't arrest me; I come from one of the oldest families in Virginia."
Cop: "That's alright, buddy, I'm not arresting you for breeding purposes."

Ham says that the average sailor has a stomach as adventurous as a five year old jr, op.

add similes: As futile as trying to move the eight-ball. Half the people of the world are behind it!

Ham says that it should be Graham Alexander Bell instead of Alexander Graham Bell because the initials would then spell GAB, and that's what most telephoners do.

Sam: "What kind of time did you have in New York?"
Ham "Eastern War Time!"

Ham says that life in Italy is now an open and shut-up proposition.

Mike: "Define a puncture."
Max: "It's a hole or incision, and if it's in an automobile tire it's a catastrophe."

Lets all believe in Life, Liberty, and pursuit of Japanese!!

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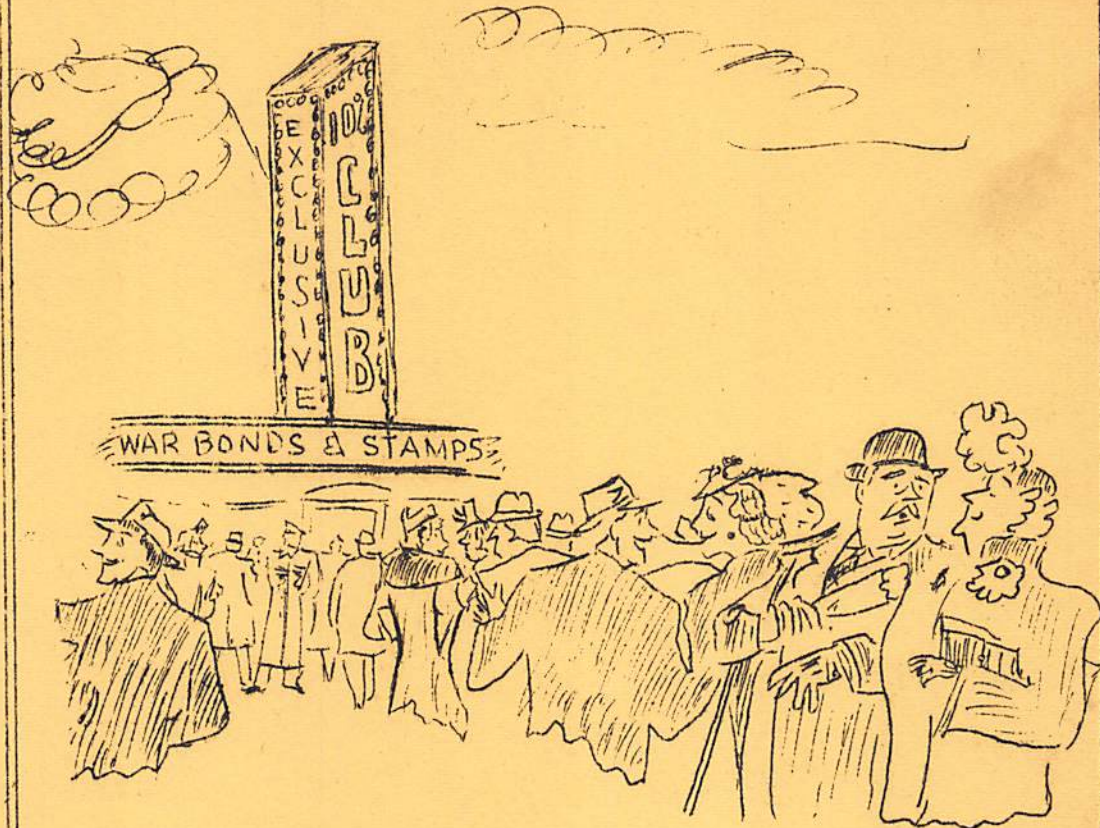
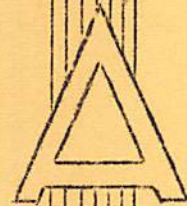
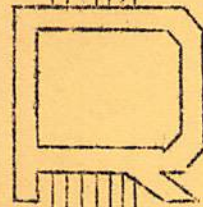
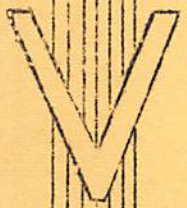
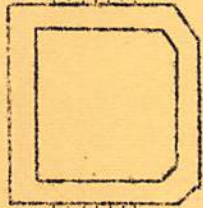
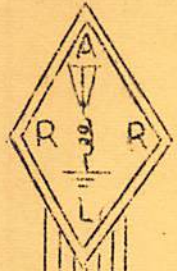
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"NEW JERSEY'S LARGEST"

100%

September 1942



GET IN LINE AND JOIN
THE BIGGEST CLUB IN
THE WORLD

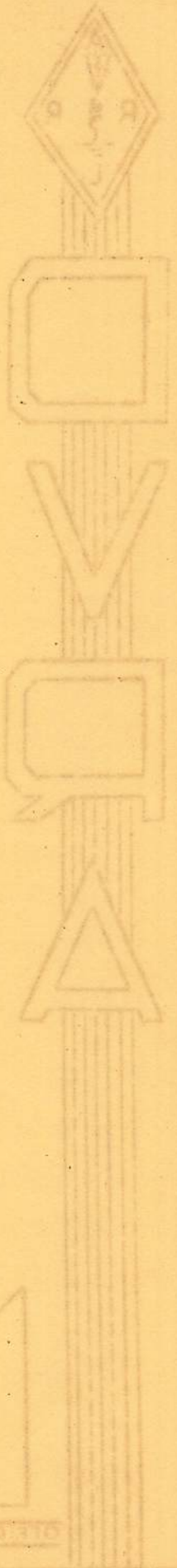
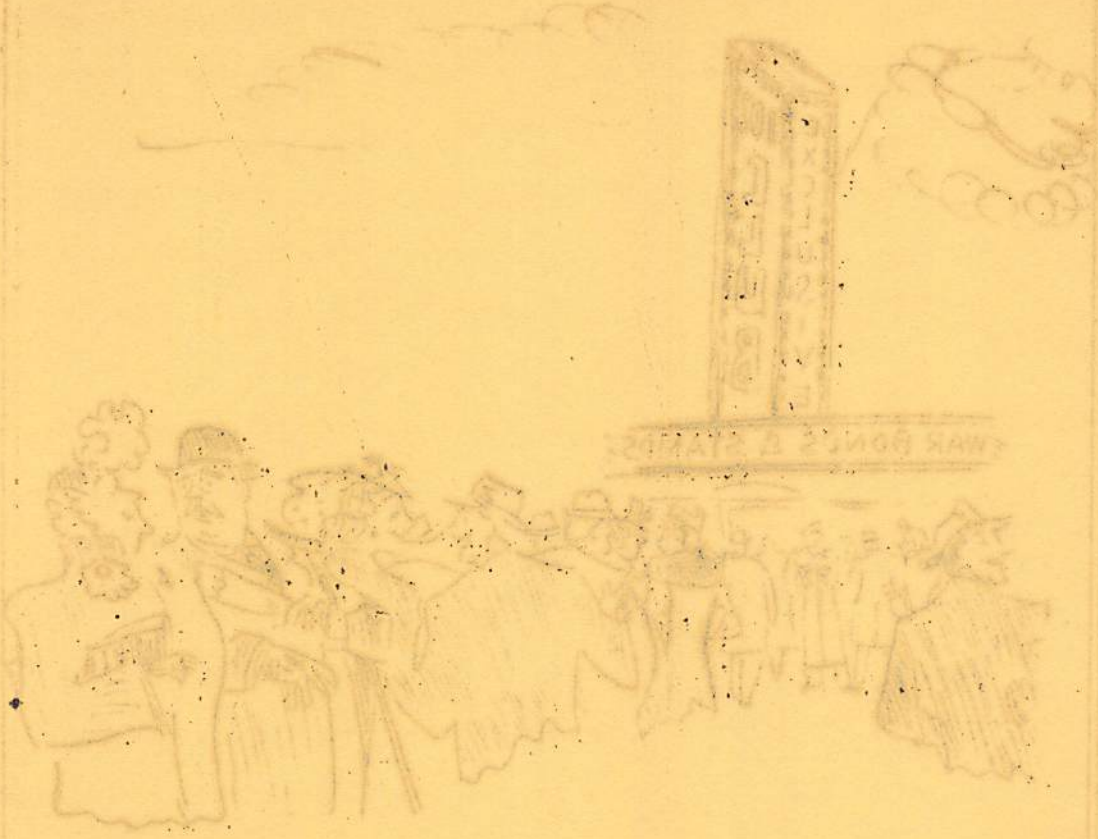
NEWS

OFFICIAL ORGAN OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC. Trenton, N. J.

Wm. A. Blumel 193304

September 1942

1000



GET IN LINE AND JOIN
THE BIGGEST CLUB IN
THE WORLD

NEWS

OFFICE: 2000 N. W. 10th St., Miami, Fla. Phone: 3-1111

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Printing by	L.R.-H.L.Yoder

EMERGENCY COORDINATOR
SOUTHERN NEW JERSEY SECTION

Theodore Torretti W3BAQ

The Delaware Valley Radio Association extends a cordial invitation to all radio amateurs visiting Trenton, New Jersey, especially those affiliated with our Armed Forces, to attend our meetings which are held the second Wednesday evening of each month at club headquarters, Trenton Yacht Club, 1171 Lambertson St., at eight o'clock in the evening. Everyone Welcome!

EDITORIAL

Pursuant to every profession, there must be that knowledge which MAKES an individual a professional in his or her particular following. For the raw beginner, there must be the foundation material with which to start; and, for the advanced student, there must be suitable material for the continued advancement toward the achievement of his goal; and, finally, for the Professional himself, there must be that

material which will enable him to maintain his position as a present day leader

To our way of thinking, The American Radio Relay League is deserving of much support for the fore-thought in making available, under the capable tutorship of Mr. George Grammar, W1DF, the studies that started in June 1942, issue of our own amateur organ, QST, entitled, "A Practical Course in Radio Principles".

True, to those of the Fraternity who really DO KNOW their hobby, some of this material appears funny; but, to the young one groping for appropriate material with which to get started, it is very valuable information; and, continued adherence to it will bring the ultimate goal. And, too, not only for the beginner, it would behoove a LOT of US to start at the beginning and brush up, just to see HOW MUCH we DO know. There are certain individuals who, if they will only admit it, will TELL you that their pride suffered a kick in the pants when they "looked over" some of those simple things in the FIRST FEW LESSONS. Yes, some are able to wire a transmitter and obtain excellent results, but, CANNOT TELL YOU WHY. So, to these fellows we say, "Just swallow your pride, earnestly read over this material, and LEARN what you memorized from the license manual." You HAVE your ticket and should KNOW the "WHY" of its use.

W3GCU

URGENT WHAT HAVE YOU? URGENT * NOW

The U.S. ARMY SIGNAL CORPS is in very urgent need of ALL the ALTERNATING CURRENT POWER GENERATING EQUIPMENT that is not now being used. Specific type of equipment needed includes gasoline, diesel, fuel oil, or kerosene driven engines driving 110 to 220 volt generators of 500 watt to 25 kw capacity and larger. All negotiations in connection with inspection and approval for purchase of this equipment will be handled by Signal Corps representatives in direct contact with owners. If you have any such equipment and are not using it, or in any case wish to turn it into cash, advise A.R.R.L. Headquarters immediately giving full and complete data as available.

IF you have a Gordon or G.E. 24-hour clock, contact A.R.R.L. Headquarters as soon as possible stating what price you will accept for it -- THE NEED FOR THESE IS VERY URGENT -- ACT IMMEDIATELY!!!

ALSO - The need for commercially-built transmitters and receivers is very urgent. The Signal Corps must have em, LOTS OF EM! Transmitters of the "boughten type" of any power from 25 to 1000 watts, designed for operation in any frequency band including the 10 - 20 - 40 - 80 - 160 meter bands; also commercially-built eco's are needed, especially the Miessner Signal Shifters, either standard or deluxe. Receivers needed include practically ALL THE OLD STAND-BYS; HRC; NC-100; NC-101; NC-200; SC-17; SX-24; SX-25; SX-28; SX-32; RCA; RME-69; RME-99; RME-70; HQ-120; Super-Pro; and others. ALL KINDS OF ACCESSORIES are needed, including MIKES, KEYS, CRYSTALS, EXTRA COILS, & METERS:

If you have any of these items and want to do everything you can in the interest of NATIONAL DEFENSE, just drop a postal card to:

Lt. ROY JORDAN,
Office of Chief Signal Officer,
Washington, D. C.

and list all such equipment with him. Reasonable prices will be paid by authorized Signal Corps Officers working out of the Army Corps area in which you are located. ACT AT ONCE OUR COUNTRY IS IN VERY URGENT NEED OF ALL THE EQUIPMENT MENTIONED ABOVE!!!!!!

"OLE ZI's" KORNER
By Ed. G Raser, W3ZI

Wal, here I am back again fellers, after quite a spell away from the home fires. Did't have much of a report last month,

but have "gobbled up" quite a bit of the "dirt" in the past few weeks, so, here 'tis Lil' Steve Jesso, W3CFT, one of our former club members was home on furlough over the week end of August 15-16th. He has acquired quite some avoirdupois and sure looks as tho "Unk Sammy" has been feedin him swell. Steve now holds a Tech. sergeants rating, and will soon leave for "somewhere westward." Lots of luck, fella!

"Red" Hassal is now in Florida, having been assigned to one of the many Army Air Corps Units that have sprung up like "mushrooms" of late. Let's have a line from ya there guy!

It has been reported that "Fritz" W3ISI, Guthke left the "briny deep" for greener (???) pastures, namely b/c station WPTM. However, Fritz did't stay too long with the Trenton station, there being REALLY greener pastures. He is now a Radio Inspector with the Maritime Commission. FB.

Old Timer, Willis Carson, who served during the last war in Russia, is back in the service again with "hash-marks" by the dozen up and down his sleeve! Willis was formerly with the Fleet Reserve and was one of the first to be called to active duty with the Navy. He is now a Chief Warrant Officer for Radio. Nobddy could forget old W3GLG out thar on Tioga street, especially the BCL's (hi)

Lt. Roger Rose, W3SW, formerly of Lawrenceville Radio (A.T. & T.) is now on active duty "somewhere in Territorial U.S.A." Boy! how these hams get around these days!

And, Sammy Kale, W4HOE, (ex W3VE) former D.V.R.A. president, is now Executive Officer with the 71st Field Artillery Battalion at Fort Sill Oklahoma. Congrats Sam. MAJOR KALE to you ordinary guys, yex-zer!!

Our very good friend, and former A.R.R.L. Communications Manager, Ed Handy, W1BDI, of Headquarters fame, is now a Major in the Air Corps, and holds the title of Directorate of Communication, War Department Hq Army Air Forces, Washington, D.C. CONGRATS ED, so the Army gotcha after all!!

While on special mission at one of the Forts recently, W3ZI, Ole Ed Raser, was lucky enough to run across some of his old buddies of the 119th Obs. Sqdn., and quite a "local hamfest" ensued. Very small world, aint it?

Bill Petty, W3HAZ, is now a Corporal, and

is still teaching code at the Signal School, Fort Monmouth, N.J.. Bill is in Company B, 15th Signal Service Regiment, in case any of you wish to write him.

W3AID is getting along just swell at Eastern Aircraft Co. Bill just passed the exam for commercial phone ticket and is all set to "Take over" as soon as they commence operations here in Trenton; but, at present he is still in school at the Grumman Aircraft, Bethpage, L.I.

If any of youse guys remember old timer, Ged Rigor, W3QL, formerly of Haddonfield, N.J., and later Chief Radioman at NSS, 'snuff to say that Ged is now Chief aboard an aircraft carrier somewhere in the atlantic. Lotsa luck pal, and happy hunting!!

It has been reported that lil Paul Solomon, W3GRW, has survived three sub-sinkings and is none the worse for his experiences. Paul must have a charmed life, all right, and we're sure glad he has. He is now "on his way" under convoy duty. Betcha he will be a "tall story teller" when this fracas is all over.

Wal, fellas, W3ZI is again leaving on another special mission for the welfare of the Service, so, be seein ya soon again!

SECOND DISTRICT TRANSCIENTS

By W2GPG

Upon boarding a bus the other day, was pleasantly surprised to run into W2IQD, who is a Radioman second class in the Navy. Warren told me, without revealing any military secrets, that he had taken several intensive courses in the technical end of radio and is presently engaged in Raadar work. Warren is stationed at a Naval station somewhere in Texas & was visiting his parents in East Orange while on furlough.

Civilian Air Pilot, W2COE, is making a hobby of recording since the CAP has been grounded. Al is part owner of a small plane and is doing his bit in the war effort via his air studies.

It is now 1st Lieutenant Ted Meeker, who was W2FKF on the ultra-highs.

W2AWV thinks it would be a swell idea if Uncle Sam would permit the "hams" to keep their rigs well oiled by going on the air once a month. (So do we!!!)

W2LOC is busily engaged in war production work at Western Electric; and so is W2JGZ, who is employed at Edison Co.

Visited ole' Doc Wilbur, W3GNU, and the Missus at their Long Branch home recently and was pleasantly entertained. Doc is doing a splendid job at Fort Monmouth radio school as a civilian instructor.

The Livingston gang is all set for ultra-high frequency operation and only await word from the Federal Communications Commission to pitch in on this war effort.

A great many of the second district "hams" are in the service and it is hoped that there will be a general reunion of all the amateurs who are still enjoying civilian life. This will afford us the opportunity to compare notes, exchange ideas, and renew old friendships.

In our August issue we asked for "more" from the little Lady who so kindly favored us with the little ditty entitled

"A WOMAN'S VIEW"

and so, we present herewith her contribution for this month. Again she does not wish to divulge her cognomen; and, after she presents the remaining half of this little debate, we do believe most of us will wonder if she has chosen the proper "sub-handle" under which she presents this one: Here 'tuz:

"DO HAMS MAKE GOOD HUSBANDS??"

By I.M. NUTZ

The radio amateur has been considered from many angles, but one vital phase has been almost entirely overlooked: that pertaining to his matrimonial possibilities.

Due to the fact that 95%* of the familiarly termed "hams" are of male denomination, it becomes imperative to the female of the species to consider whether or not he will make a good prospective Mate.

There are, as is usual with any question, several schools of thought on this subject. However, all fall roughly into two groups; first, those who say "yes", and, second, those who say "no".

Of the affirmative classification, most qualify their position by reservations. For example, one large group of profound thinkers maintain that a ham will make as good a husband as will any man. This, however, does not satisfy a large number of our advertisers, all married men. For their benefit, this paper has sponsored a "yes and we mean yes" club. While this, to a large extent, has alleviated the paying

customers, it in no way satisfies those unfortunate females who are already wedded to CW and even phone addicts. This group has formed the nucleus of the negative party.

(May we, the editors, here add the observation that women, as a whole, are said to be notorious dissenters, and that the views of the negative party in no way reflect the views of this publication.)

However, no argument would get very far without a negative side, and, after all, if we have no argument, what have we? This line of questioning, however, would land us exactly nowhere.

So, in conclusion, speaking to those girls who are contemplating matrimony with R.A.'s (and in this great country, there must be several) let me say first: Consider whether or not you love him, and Second: NO man is a perfect husband until he is married.

*Based on statistics believed reliable.

Next month, our brilliant analyst, Professor I.M. Nutz, IF STILL AT LARGE, will consider the other side of this vital question!!!!

----- HIGH WIND

Because of the enthusiastic response, & the great number of requests for a second doggie roast, the Delaware Valley Radio Association sponsored another of these events which was held on Wednesday evening, August 26th, at the Petricco farm. There were twenty four persons present, and everyone enjoyed a very pleasant outing for the evening. The fare was the same as on the first event, Roasted dogs, soda pop, toasted marshmallows, and plenty of peanuts. Fortunately, the mosquitos were again practically "on strike" and everyone is looking forward to the time when it will be possible to get the gang together for another such good time.

Well, well, our own SCM, Lester Allen, W3CCO, is now in Uncle Sam's Army! Les reported at Miami Beach, Florida, on Thursday, September 3rd, for duty as a Second Lieutenant in the U.S. Air Forces. After six weeks' training, he will be located at Bowman Field, Louisville, Ky. We do not have his exact address as yet but will print same if received in time for the next issue. GOOD LUCK, LES, and let's hear from you.

Lester Allen's entrance into the Armed Forces has necessarily left the office of Section Communications Manager for So. New Jersey to be carried on by another

member of the Section, and, Mr. Allen, faithful to his duties of that office, has appointed W. Raymond Tomlinson, W3GCU, to act as Acting Communications Manager, to carry on the duties of the office for the balance of the unexpired term. It is hoped that Mr. Tomlinson will receive the same whole-hearted cooperation of the Section Members as has Mr. Allen. Section reports may be mailed to Mr. Tomlinson at 623 E. Brown St., Trenton, N.J. Mail your reports in as usual so as to maintain our QST column each month.

And while we are speaking of Mr. Allen, let us advise you that Les is now the proud papa of a $7\frac{1}{2}$ lb. Jr. Op., Ronald Hurley Allen, born August 3rd. Les is shouting it from the house-tops alright, but is also lamenting the fact that both he and Mrs. Allen are having a tough job getting some sleep nights since the arrival, and it aint because of too loud signals from Les's receiver as he sold his Breting 14AX some time ago!!

Just before Pearl Harbor, our printer, Les Yoder, W3EED, stuck up a pair of swell masts for his 20 meter antenna, but we were "piped down" before he even had an opportunity to stick any RF on it -- now he has only one of em, as the other one broke off half way up 'tother day: Oh me!

While on a visit through the first district recently, Ed Raser, W3ZI tells us that he saw W3GCU's QSL on the shack wall at W1HCU. Pretty near time someone saw one somewhere, there have been over 400 cards sent out since W3GCU went on the air.

Ed Kerr, W3CCC, who is stationed at U.S. Naval D.F. Station on Long Island, advises that all is well with him, and wishes to extend his 73 to all the gang. Thanks Ed, and our 73 to you, and, keep up the good work.

"Red" Hassal, Private Hassal to you guys, is stationed at Miami Beach, Florida, with the U.S. Army. It has been reported that Pvt. Hassal is doing radio work.

Tony, W3HWT, is now learning to be an air Pilot at the U.S. Naval Air School in Pensacola, Florida.

It has just been reported that Lil' Bill Stryker took himself a bride at Corpus Christi, Texas, some weeks ago. Bill is in the Armed Forces also.

"Pete" Loser is also now in the Navy.

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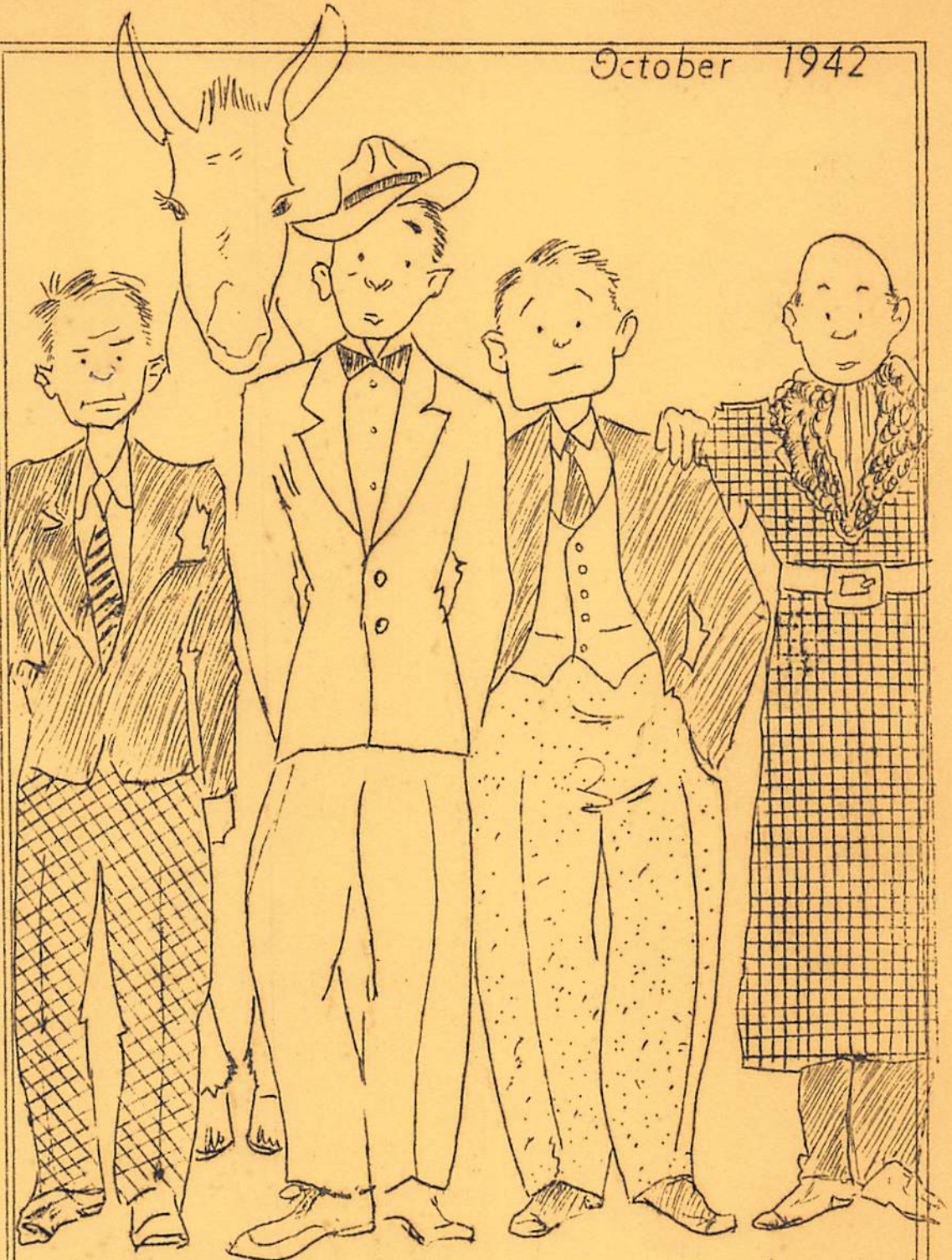
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The D.U.R.A. News-staff patiently awaiting the arrival of more news from the gang.

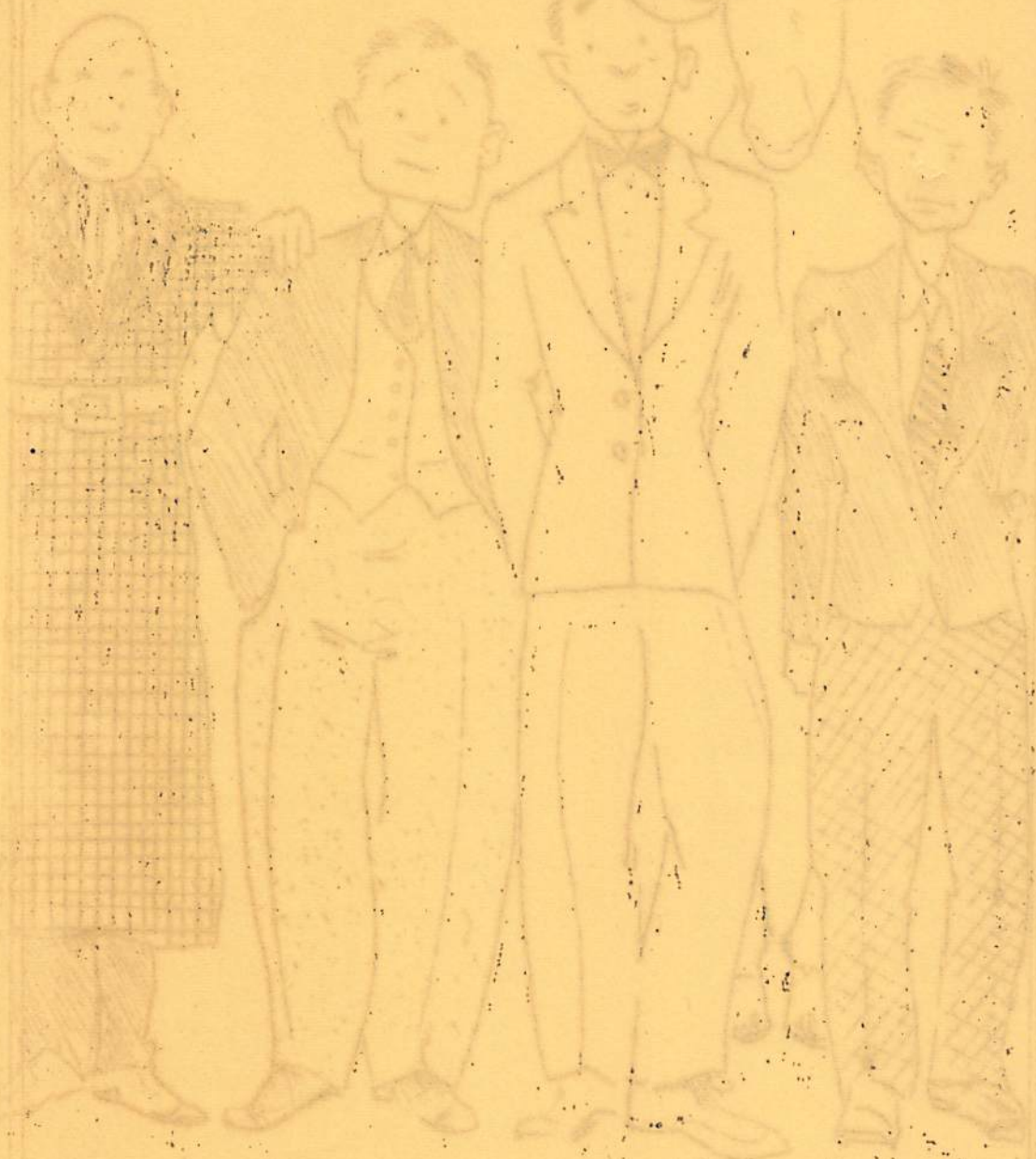
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NEWS

OFFICIAL ORGAN OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC. Trenton, N. J.

Edm. A. Bunnell, Editor

October 1942



The D.U.R. News staff patiently awaiting the arrival of more news from the gang

1001



NEWS

D.V.R.A. OFFICERS

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Edw. G. Raser	Secretary	W3ZI
Henry L. Yoder	Treasurer	SWL
Charles Moore	Sgt at Arms	SWL

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SOUTHERN NEW JERSEY SECTION

Theodore Torretti	W3BAQ
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E. D. I. T. O. R. I. A. L

As the need for manpower for Uncle Sam's Armed Forces increases, it has called, and will call upon men from all walks of life, all organizations and clubs.

In this respect the Delaware Valley Radio Association has been no exception. Some of the members are serving in the Armed Divisions, while others are serving as they are able, in various technical

branches directly associated with the actual fighting units.

Although the call has included some of our members who were officers of the organization, the most recent of whom was our President, Lester H. Allen, W3CCO, the remaining members are doing their utmost to carry on the work of the club as near normal as is possible to so do.

Some organizations' membership have been called upon so heavily that it has been necessary to suspend activities for the duration. Fortunately the D.V.R.A. has not, as yet, found itself in this position, although, as we all know, most of the members stand ready for notification.

This organization, as are other amateur radio clubs, is endeavoring to do its part in this war effort to the best of the ability of remaining membership. WERS will doubtless call for the services of those in position to help in this respect, while there will, in all probability, be additional duties to be taken care of by others.

There will be imperative radio emergency duties on the Home Front, and, regardless of the number of members called from these organizations, it is the Patriotic duty of every club, wherever humanly possible, to carry on the work of the group as near normal as can be. **BE PREPARED!!** W3GCU

OFFICIAL DOPE

On September 15th, the Federal Communications Commission issued its order number 87-B, discontinuing the issuance of modifications and renewals of amateur station licenses. FCC discontinued the issuance of new station licenses at the outbreak of the war in this country but kept on issuing modifications and renewals of existing licenses with the thought that amateur stations might be employed in civilian-defense communication. Now that WERS is serving that need there is no particular object gained in the handling of station license matters, and FCC has of late been receiving an increasing clerical load. Probably it feels much the same as did Hq. when action was taken to freeze certain field organization appointments for the duration.

OPERATOR LICENSING continues in the normal manner. FCC states that with the reinstatement of amateur frequencies at the close of the war it expects to issue temporary blanket station authorizations to all persons who held amateur station licenses as of the date of its order, meanwhile requiring filing of a standard application, so that "expired" licenses will not need to await the licensing formalities before getting back on the air. Former call letters will be reserved.

RED CROSS USE OF WERS!

FCC has advised the American Red Cross that it considers any WERS station eligible to provide emergency communication during a natural disaster, under the provisions contained in Sec. 2.63 of the rules and regulations of the Commission. (Said section provides that during an emergency any station except amateur may engage in any kind of communication helpful in combatting the disaster, even tho contrary to the terms of the station license, providing the licensee immediately notify both FCC in Washington and the district inspector concerned when such operating begins, and when it ends.) It should be distinctly understood that a WERS license will not be issued to an applicant who claims a need for emergency communication in time of natural disaster; WERS is for civilian protection against enemy air raids. However, if Red Cross and other disaster relief agencies wish to make agreements with already-licensed WERS units, FCC has no objection.

BEWARE!! LOOK OUT FOR EQUIPMENT RACKETEERS in the procurement of amateur equipment for the Signal Corps program!!!

To cite an example, one such party has been operating in an eastern state: he visits an amateur, states that he is an agent or scout of the Signal Corps and that the latter are "too busy" to come down to see his equipment; he belittles the equipment, names a low price, gives a talk about patriotism, and otherwise does a sales job; he pays cash for the gear; he then takes it, plus a number of other pieces of equipment he has similarly obtained, to the Signal Corps and sells it at a price well above his own cost. **THE SIGNAL CORPS IS NOT TOO BUSY TO NEGOTIATE WITH YOU,** inspect your apparatus or pick it up. If you have a modern manufactured communications receiver or transmitter in good condition, the Army needs it badly. It's a good chance to help Uncle, and salt away a few dollars in War Bonds. But **PLAY SAFE: REGISTER** your saleable equipment with ARRL's Apparatus Bureau, on the blank which appeared in the August issue of QST. This Bureau will turn it over to SC in Washington who will route it to the area concerned. And you'll be contacted by a local procurement center shortly thereafter. Incidentally, you probably won't be paid in cash; the papers must go through a finance office, and a check will be forthcoming in several weeks.

OPERATING OPPORTUNITIES

The Nation's Airlines have been given a big job by Uncle Sam under the jurisdiction of the Air Transport Command. All the major air lines have a need for qualified radio operators, preferably holding commercial licenses. The Work is civilian, minor physical disabilities not a bar, tho certain standards still exist for actual flying duty. Write to the personnel director of the airline nearest you, stating your qualifications generally and asking for an application blank.

OCB BULLETIN DELAYED!

OCB still contemplates a separate section for local CDC units entitled "communications", but its formation will have to await the issuance of the official OCB bulletin, preparation of which has been delayed and will not reach local CDC groups until later this year. Meanwhile, word from Washington is for amateurs now to take the initiative in their communities, explain that this bulletin has been delayed, and to recommend that plans of action go forward without waiting any longer, as OCB believes recent QST material sufficient for competent amateurs to carry through a WERS program in their communities. **DON'T WAIT!!**

THE Y.L.R.L. CONTRIBUTES!

By Nita WSTAY

The YOUNG LADIES' RADIO LEAGUE is International in scope and has units in several cities in the U.S.A. "YL HARMONICS" is the Official Organ of this organization, and, at present is published monthly by Anita C. Bien, W8TAY.

WLFTJ's son, Ira Russell, who was named after his paternal grandparent Ira, and maternal grandfather Russell, now bears the initials IRE; characters employed in Ohm's Law, also the initials of the Institute of Radio Engineering. These facts alone already make him a Ham!

At a meeting of the Amsterdam Radio Club in New York, Bernice, W8UGY, was preparing her farewell speech as Secretary of the club. Leo Hanrahan, W2LWQ, a good-looking blonde irishman, came in with a friend. He decided then and there, after taking a good look at Bernice, that it would not be farewell for him. Shortly thereafter they were married. Leo is in the transmitter department of a large defense plant, and, since both are Hams, they most naturally plan the ideal shack about which all of us have visions! Their home is 235 Park Place, Schenectady, N.Y.

WLMWI, Eleanor Blake, has changed her QTH from Pierce Bridge, N.H. to Belmar, N.J.

Katherine, W6UIV, ex W5HDJ of Fort Sill, Oklahoma, is a Military Court reporter. Katherine was perhaps the only YL op in the Philippines a year ago. Her OM was in charge of station KALHR.

Helen Firth, K6TCW, our lone Honolulu member is desirous of hearing from the girls, and especially eager to obtain news of Ella, K6ROJ.

W7EIU, Violet, is now living in Newark, New Jersey where W7AUH is radio inspector.

W9ONW; 9JPT; 9IIH; and 9DBD, are all student instructors at Scott Field, Army Air Base.

W9ZTU is now senior op at WTY, Fort Knox Kentucky.

Dot, W8UDA, is a former Braille teacher. She is blind, but so far has managed to do considerable traveling and knows her way around. Her flawless fist and pleasant voice has given many members a much-needed Michigan QSO. She's been in training with a Leader Dog, preparatory to taking a new job. She and the dog returned to Flint,

where some youngsters molested the dog, & he developed some detrimental characteristics in-so-far as children are concerned, which hampers Dot's work. She is therefore returning to training with another dog if Bonnie's bad habits cannot be broken. Dot will take over YLRL activities and you will probably hear from her in next issue.

"DO HAMS MAKE GOOD HUSBANDS??"

By I.M. NUTZ

(Last month, our acute analyst exhausted the other side of this intriguing question. This month, the professor fairly surpasses herself in an all-out effort on the subject)

As a great philosopher possibly once said, "The hams must be of some good." Also, conversely, it might be stated, "The husband must be of some good." However, this line of meditation presents such a complex aspect, that few attempt to follow it to its natural conclusion; namely, that the ham & the husband seem to bear some resemblance.

To proceed further in the above line of reasoning would only lead to endless speculation, and, in some quarters, certain unwarranted and unprintable observations. Therefore, it is desirable that we consider certain other aspects of this timely issue.

The question is bound to arise at some time as to whether or not a husband has enough time to devote to radio. This can be neatly disposed of by mentioning that some local hams have been known to assist their hard-worked spouses in certain domestic duties; namely, supper dishes. Several such cases have been reported in this publication. It would therefore seem that time is not an important factor, for certainly if these anomalous "transitions" had had even the ghost of an excuse, the above events would not have transpired.

Perhaps, then, some objection to husbands becoming hams could be found in the field of economics. But, here too, all indications are favorable. Undoubtedly most outstanding is the fact that very little actual cash has been expended on radio equipment to date. This is due to a practice known as "trading", which probably originated among the hams.

Therefore, upon considering all possibilities, it would seem that there is no objection to a married man becoming a ham. In confirmation of this is the fact that 78.69% of all the hams are married men. Of course, there is no means of determining what percentage of this percentage were married men that became hams or hams that became husbands.

READERS! Have you a question you would

like discussed? If so, just send it to THE EDITOR, D.V.R.A. NEWS, 623 East Brown St., Trenton, N.J., and our staff analyst, Professor I.M. Nutz, will gargle it for you. All material submitted automatically becomes the property of this periodical, and we cannot accept any responsibility whatsoever for any damage in mailing or gargling. So, what have you??

HIGH WIND

D.V.R.A. TO CONDUCT FREE RADIO TECHNICAL AND CODE CLASSES

The Delaware Valley Radio Association extends a cordial invitation to anyone interested in radio to enroll in the class now forming for the study of radio fundamentals and code instruction. This class will meet each second and fourth Wednesday evenings each month at club headquarters, 1171 Lambertson St., Trenton, New Jersey, and is open to members of either sex. Instruction in both branches will be under the direction of competent instructors with a substantial background of experience. Code training will be given both on the club's automatic transmitter, and by amateur operators with years of experience. The principal requisite is proof of one's interest in radio. The meeting will start promptly at eight PM. on the evenings stated. For additional information contact Mr. A.S. Rura, W3ARN, 33 Liberty St., Trenton, N.J.

Our Government is in need of radio operators and technicians, both male and female; and this offers the chance for those interested to help their country, in addition to benefitting themselves.
CLASS NOW FORMING -- DO NOT DELAY!!!

Jimmy - (Pvt Arthur G Hassal) advises us that he is attending the Air Force Radio School and that his code speed is now up to ten per. Jimmy says that when he practices sending he uses the club call, W3AQ, for practice. Good luck to you Jim. Hope to see your name listed among us as the holder of that ticket very soon. For those of the boys who would like to drop Jimmy a line, his QTH is,

Pvt. Arthur G. Hassal,
628 T. S. S.,
A.A.F.T.S., Barracks 2118,
Madison, Wisconsin.

Drop him a line follows, He'll be glad to hear from the gang!

Our own Major Sam Kale is engaged in desert maneuvers somewhere in the U.S.A. and can be reached by mail only by addressing him c/o Postmaster, Los Angeles, Calif.

During an eight-hour lay-over at Washington, D.C. while enroute to Miami, Les Allen, our former SCM, visited Major Handy, who had at the time as a visitor, Clinton B. Desoto. All went out to dinner, at which they met Captain Kingsley, W8CZY. During the course of the dinner, the future of "ham" radio was mentioned; and if all the amateurs stick together, and maintain League membership, there does'nt seem to be any great worries in store for us. Les says that he is kept very busy down there in Miami Beach. He is starting his fifth week of school, and when completed will have had 30 military subjects and several hours of drilling, as well as life saving and marching. His routine is a six day schedule of "up at 5 AM, return to the hotel at 6 PM for supper and shower, must be in room at 8 PM for study 'till 10, at which time, out go the lights!" Not much time for anything but "THAT".

We have been advised that our printer, Les Yoder, W3EED, is looking forward to another "bundle of Joy", sometime in the near future. Another Jr. Op, he hopes! and code machines are at a premium!!

It has been reported that Dave Talley is in Ireland.

On the desk before us, we have a copy of "THE LISTENING POST", official organ of the Queen City Emergency Net of Cincinnati, Ohio. It is well illustrated monthly, and in appearance presents the impression that there is a world of cooperation from the members of the net organization. Paul Spicer, W8VAW, the Editor, and the boys of the Q.C.E.N. are deserving of much credit for their efforts in "carrying on" for Victory.

Ray Tomlinson, W3GCU, is learning how to repair radio receivers in the repair department of the American Radio Co. Oodles of "vest-pocket bloopers" says he!

It has been reported that it is necessary to show an A-1-A priority to obtain standard volume controls, effective of a very recent date.

We have been advised that Steve Czorga, (Little Steve), has been called to active service with the Armed forces. Although Steve holds no amateur ticket, he is well prepared to enter the radio branch of the Service.

This is all for this issue, the boys all have writers' cramp. So, 'till next issue,

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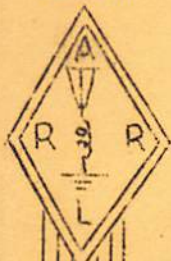
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November 1942



UNCLE SAM'S PEACE TERMS

NEWS

OFFICIAL ORGAN OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC. Trenton, N. J.

Bill A. Russell W3JOL

BECAUSE OF material shortages, and in endeavor towards conservation of same, we of the NEWS staff, feel that it is fitting & timely to give over this space, usually devoted to our editorial and other subjects, to the presentation of the following article submitted by Mr. Alex McLees, of New Hope, Pa., one of our newest members.

"RADIO and TOLERANCE"

Tolerance seems to be taking a holiday all over the world. The United States of America still seems to be the most successful working governmental example of tolerance so far tried or in existence. Radio, and especially amateur radio, has played a large part in the promotion of tolerance in the U.S.A. It may be discouraging that the good will wings of the radio waves are apparently at a standstill, but it will only be temporarily, as progress will be made in spite of all obstacles. Since radio is a comparatively new science compared to the ageless human hatred, it will yet play a leading role in the making of a better world unity.

In the United States one outstanding example of our existing tolerance is the "melting-pot" theory of operation of amateur radio clubs; where representatives of all races, religions, and nationalities work together cooperatively and tolerate each other, submerging their individual pet hatreds for the common good, at least in the club work, which is a real accomplishment. That common interest, radio, co-

lapses in most cases the human pet grudges and dislikes which we might allow to occupy a place of importance in our mind, conversation, and action if we did not have this unifying interest.

But, don't think this tolerance comes about automatically and that it must not be guarded. Don't forget that other countries have had access to radio too, and have utilized it for the promotion of hate and destruction. Let us recognize the importance of safeguarding this unifying influence of radio and be alert to promote that tolerance and cooperation that has made the United States of America, alone, the envy of the world. Let's hope and act in promoting a post war world that will follow more closely the pattern of aims and the example of the U.S.A. and see to it that radio will be used more widely and usefully as one of the instrumentalities toward that end.

Alex McLees,
New Hope, Penna.

We wish to thank Mr. McLees for this article and hope he will find time to submit more reading of such type for future issues of the NEWS. (Ed)

D.V.R.A. NEWS STAFF

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EMERGENCY COORDINATOR
SOUTHERN NEW JERSEY SECTION
Theodore Torretti

W3BAQ

ITEMS OF INTEREST

The new 1943 edition of the Radio Amateurs' Handbook is now available from A.R.R.L. Headquarters. This edition contains a separate chapter which is devoted entirely to the War Emergency Radio Service, including complete rules and regulations governing this service. There are many other interesting items covering new ideas on ultra-high frequency transmitting and receiving equipment, as well as new designs on the conventional lower frequency equipment. The price is the same as usual, \$1.00 in Continental U.S.A.

THE EYES OF THE NAVY!!

More than 51,000 binoculars belonging to civilians were used by the Navy during World War 1 and most of them were returned. THE NEED FOR BINOCULARS for use in the Navy is acute, if you have binoculars that can be used by the Navy, wrap them carefully and ship to Naval Observatory, Washington. Only two types, 6x30 and 7x50, made by Zeiss or Bausch and Lomb, are usable by the Navy, except in few instances where other types will suffice. Lorgnettes and opera glasses are of no use to the Navy. If you have glasses of a type other than 6x30 or 7x50 Zeiss or Bausch & Lomb, first send a description to the Navy. If your binoculars can be used by the Navy, a one dollar rental fee will be paid, and your glasses will be returned after the war, if not in Davy Jones' Locker. Your name will be engraved on the binoculars and the Commanding Officer will, advise you the name of the ship using your binoculars. It sure will be gratifying to know that your binoculars helped to ferret out one of them skunkanese bang-wagons and helped Captain Smith to sink it. Our enthusiasm in this urgent need is in demand no less than it was before. LET'S NOT FAIL THE NAVY!!

HELP WANTED!

CIVIL SERVICE WANTS TECHNICAL WRITERS

Men with first class experience in editing, writing and publicity, plus a knowledge of radio, aviation, the Iron and Steel industry, engineering, machinery or allied fields may obtain good jobs in Civil Service. Duties are the writing and editing of technical articles and popularize such material for the general public. Posts will be in various government agencies. Salaries range from \$2300 to \$4600. Make application on Civil Service Standard Form Nr. 57 or applicant may correspond direct with Administrative Examining Unit U.S. Civil Service Commission, Washington.

ASC NEEDS

The Army Specialist Corps is in urgent need for men with technical training in radio, telegraph or telephone; particularly those men with experience in UHF, television, teletype and speech recording and amplifying equipment. Usually physical disabilities are no bar to service as the ASC relieves other officers for combat duty. Many former officers once relieved from duty on account of physical disabilities have entered this Corps. If you are qualified, write to Headquarters, Army Specialist Corps, War Department, Washington. If you are not sure of your qualifications, write to George Bailey, 2101 Constitution Ave., N.W., Washington. Outline qualifications and other pertinent facts and George will advise you.

THE NEED FOR RADIO TECHNICIANS, OPERATORS AND MAINTENANCE MEN is still so acute that the radio amateur who is about to enter the armed services is not giving his utmost if he does not make all effort to have himself placed in that part of the service where his talents may be used in doing the most good. There are no non-combatants in this fracas and those who are not called to give armed battle to the enemy have their niche in the scheme for victory. Keep in touch with the League, scan the Civil Service lists, keep abreast of the affairs of your country with the idea of placing your abilities in the spot where that last full measure may be utilized by your country. The radio amateur is now on the other scale-pan and Uncle Sam is placing the weight on his side of the scales.

LET US BALANCE THOSE SCALES!!

TAKE A LOOK at that proverbial "junk" box, and inventory the stuff in it. Don't throw out any equipment that is suitable for WERS gear as it is more important in that category than in the scrap heap. However, there is an infinite variety of scrap metal lying around most ham shacks that will not be of much use where it is, so, gather up this material and get it into the scrap; it will go a long way toward some weapon with which to fight the skunk who started this war.

A STAMP A DAY -- TO KEEP THE AXIS AWAY!

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BUY WAR STAMPS AND BONDS

"OLE ZI's" KORNER

Well fellers, here we go again! Trying hard to ketch up with ye ole' DVRA NEWS, yezzar. Just after returning from a two months' trip to Bridgeport, Schenectady, and Syracuse on special duty for Signal Corps Labs. Big things are doin in radio these days, of which I am not permitted to elucidate; however, I can say that I've been on duty at a large defense plant in the towns named above, and am sure glad to get back to dear ole' Trenton again.

Received a swell letter from good ole' Sammy Kale, W5VE, WAHOE, who is now on desert maneuvers somewhere in the U.S.A. He has been receiving his DVRA NEWS regularly and appreciated it very much. Reading from Sam's letter, he quotes in part: "You boys down there in Trenton are sure doin a wonderful job. I enjoy reading the "NEW" very much, and you are all to be congratulated on your wonderful work. Especially enjoy reading about the boys in the SERVICE, and Raser's "ZI's KORNER". So there ya are fellers, someone appreciates our li'l paper, and, we can feel that it's doing a world of good for the boys away from the old home town.

Ted Torretti, W3BAQ, is again on field duty for Signal Corps Labs. and was last heard from in Alaska! Nice goin, Ted!

Got three swell letters from good ole' Jimmy Hassal (Pvt. Arthur G. Hassal to you lugs), who is now in Air Corps Radio School in Madison. Jim sez he is doing FB with his studies, but ole' debel code has him stuck on that hump of ten per. Cheer up James, you'll make the grade, and we're all rootin for ya here!

In a missive from our ex-SCM, and Honorable DVRA President, Les Allen, W3CCO, he sez he expected to graduate Officers' Training School, Miami Beach, and expects transfer to Bowman Field. Les is Second Lt. in the Army Air Corps. Congrats, Les!

Anybody remember ole' Ralph Ladd, W3KA-W4CK, formerly a Director of DVRA? Well, Ralph turned up in Kingman, Arizona; but, the last letter from him a week ago states he is now with the CAA in Chicago, as a radio engineer for that branch of the services.

We certainly are sorry to learn of the death of Mrs Victor Braidwood. Vic will be remembered as the famous Top Trunk Line Station, W3BYR, and old standby NCS for the SNJ Section Net in North Wildwood,

N.J. Vic was last heard from at Orlando, Florida, and is employed by the Signal Corps as RADAR Technician. We extend our sincerest sympathy to you old fellow.

Just received a long letter from Lt. "Ev" Battley, formerly Ass't. Communications Mgr., ARRL. Ev is now located in Washington D.C., and has just returned from tour of duty in California and points west.

Bob Caris, W2HXI, formerly of the N.J. State AARS Net, and known to many of the old netters, has just recently left for Africa on Pan-American Clipper. Bob will be stationed somewhere in Africa at one of PAA's many radio stations which are now under control of the Army.

Harry Hemphill, W3EFL, well known in SNJ activities, is now employed as radio engineer in a radio manufacturing plant in Baltimore, Md.

Ole' "ZI" himself has just been promoted to Radio Engineer in the Field Division of the Signal Corps General Development Laboratory, and is more on the road than at home. Tuff racket sez I. (hi)

Ole' Eddie Kerr, W3CCC, (three-tripple-C to youse guyz) is still on watch at NBM, as a Naval radio op. Eddie's oldest son, Blair, has just signed up in the U.S. Coast Guard as radio operator; and his youngest boy has joined the Air Corps. Boy; what a family sez we. The Kerrses are sure doing their bit in this here war, believe me!

Bill Petty, (Cpl Petty, boys), W3HAZ, instructor in the high-speed radio school at Fort Monmouth, has taken unto himself a better half; or is it??????? Anyway, congrats to ya, Bill, we're all pullin for ya!

Ole' "Doc" Wilbur, W3GNU, is now Chief Instructor at the new Trainee Radio School at Long Branch, N.J., and is doing fine. Doc wants to be remembered to all the gang, & is now hanging his hat behind the door at 27 West Broadway, Longbranch, N.J., in case some of you lugs recover from writers' cramp!

Alex McLees, of Newtown, Pa., one of our very latest club members, is studying hard for a position as radio op with FCC Monitoring Service. Our best wishes to you, Al!

Bill Stryker, former member of DVRA is reported to have joined the Navy, and to be doing duty with RADAR somewhere in Florida

HI WIND!!

This month finds three more of our club members doing duty with Uncle Sam's armed forces: Tony Rura, W3ARN, our Vice president and Acting president at the time of his enlistment as radio technician with the Naval forces, is now located in Bainbridge Mass; Dave Nabutovsky, W3ITU, has signed up for duty in the U.S. Signal Corps; and I'll Eddie Peters, who holds one of the new operator licenses with no call, has also signed on with Uncle Sam's Navy. Good Luck, fellows, we're pullin for ya!

The very latest word from our ex-SCH, Les Allen, W3CCO, advises us that he went through his Officer exams with bells on, and has been transferred to Indianapolis, Ind. Les says it is cold like no one's business out there in that neck of the woods, but he is feeling fine, has put on some avoirdupois, and is expecting another transfer in the near future, to where he cannot say, but for the fellows who want to write, his present QTH is: Lt. Lester H. Allen, Hdq. Troop Carrier Command, Hotel Severan, Stout Field, Indianapolis, Indiana. Les's XYL paid him a visit just prior to his departure from Miami Beach, Florida, and enjoyed several swims during her stay there. On her return trip Helen was held up by the recent flood in Washington and the train was five hours late, getting into Washington.

When last heard from, Paul Solomon, W3GRW, was in British West Indies. Paul, it will be remembered, is radio operator in Uncle Sam's Merchant Marine. He has been across the pond in convoy, and is, at present in convoy somewhere on the Atlantic. Good Luck, Paul!

Harold W. Lee, W3ITS, is the proud papa of a brand new baby girl. Congrats Hal!

Ted Torretti, W3BAQ, is still on his travels, and last heard from had turned up in Alaska, where, we've been reading, the going is quite tough! Best of Luck, Ted!

Stan Case, W3ABS, has started another radio code and technical school to be known as "Hillsborough Township Radio School". Fall and winter session is now in progress. Stan expects to teach third grade ops for OCD as well as amateur classes. Several students have graduated this school and have obtained their ham tickets.

W3ABS and W3ACC, Horace Brokaw, are very

active as communications officers in their respective townships of Hillsborough and Branchburgh, and are well equipped to carry on during any emergency calling for services of War Emergency Radio Service. Stan is building another 2½ meter transmitter, and both are also active with wired-wireless operating over a distance of four miles over power lines of two different power companies. Communication between them over this distance has been very successful.

Somerville has half a dozen hams who are equipped and ready to go also, and it is planned, we are told, that a tie-in with New Brunswick and Highland Park is in the papers, later probably including South River and Bound Brook. Nelson Dunham, W2MA of Cliff Court, Highland Park, is technical advisor, or communications officer for New Brunswick, with a working agreement all set with Highland Park, and are ready to make formal application for WERS license.

W3JKH is now Pvt. Gerard A. Baldauf, 32075157, 17th Co., 2nd Std. Rgt., Tng. Ctr. A.F.S., Barracks 33, Fort Knox, Ky. Gerry's home town is Pleasantville, N.J.

Our Hamilton Township WERS organization is progressing rapidly and applications for operators' WERS permits are being taken by Dallas Fogg, W3ASQ, Radio Aide for this municipality. Several units are all ready to go, including a crystal controlled job for the control center, and several more are under construction.

It's about time that our staff artist was given the credit rightfully due him. Bill has been dishing out some swell cartoons of late, the best one being that of the cover design on the October issue. Now just take a look at that long-eared individual: that's the editor, whose ears grew that way from trying to "stretch em" into other conversations to overhear something for these columns. Then on the right is the associate ed who lost his hair doing the "scratch-act" to think up news; and, next to him you'll find our business mgr. who got bow-legged standing around waiting for pay for some of the ads long since discontinued. The swell-lookin guy second from left represents none other than our worthy artist himself, although our printer also sometimes wears a bow tie, looks nice in it too, but is portrayed to extreme left with 'tother kind, which looks better under the face that got that way from the strain of watching copy goin through the mimeograph, and keepin tabs on NEWS supply.

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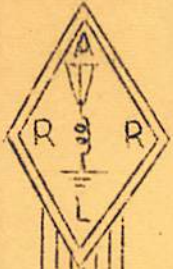
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OFFICIAL ORGAN OF THE DELAWARE VALLEY RADIO ASSOCIATION, INC. Trenton, N. J.

Wm. A. Blusick W3JOL

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SOUTHERN NEW JERSEY SECTION

Theodore Torretti	W3BAQ
1472 N. Olden Ave., Trenton, N.J.	

E D I T O R I A L

When a sneaking pack of yellow-skinned rats crept up in the early-morning hours of December 7th, 1941, and blasted the American Naval Base at Pearl Harbor, and opened another phase of an already raging conflict, little did they realize that, although placing before our country a task more gigantic than we have ever had to face, Ole' Uncle Sammy could gather together in the few months that have since elapsed, the might that has gone almost two-thirds of the way towards avenging a dastardly stab in the back; a stab which will eventually result in the down-

fall of the perpetrators.

Since that date men have been called by the thousands to serve in the forces which are carrying out the task that was forced upon us; a task which must be fulfilled in the far-reaches of all the world; a task placing upon those still at home a job equal in scope and importance the job of turning out an enormous and continuous flow of the equipment and material needed by these far-flung forces to bring the conflict to a definite and decisive Finale. That Finale which will make a safer and better world in which to live, and secure the Liberties we have been accustomed to enjoying.

Not only must those on the Home-front ensure the production of the fighting equipment and material, this civilian Army must also provide all possible protection and service for our cities and towns in event of possible air-raid. The men on the fighting line are depending upon us to carry out this, OUR JOB. We must not let them down, each and every one of us MUST do our UTMOST in skill, brawn and money. The Boys in the field WILL do THEIR part; WE MUST do OURS!

KEEP EM FLYING! KEEP EM ROLLING!

AVENGE PEARL HARBOR!!

ON TO VICTORY!!!

"ADVICE TO YOUNG MEN"

Young fellows in the 18 - 19 group will very possibly wish to volunteer for radio duty in a branch of the service of your own selection. If you possess an amateur radio operator license, you can enlist direct in the following branches of the armed forces:

Signal Corps for duty as an operator or technician. Age limits, 18 to 50.

Marine Corps as a Staff Sergeant in the aircraft Warning Service. Age limits 17 to 35.

Army Air Forces (unassigned) as radio operator or technician. Age limits 18 to 44.

* Air Transport Command as radio operator to be sent to Replacement Center at Las Vegas for training. Age limits 18 to 44.

Naval Reserve in Class V-6 as a radio technician. If your grade in the Eddy test is sufficiently high, you can obtain a rating as radioman 2nd Class. Age limits 17 to 50.

If you really want to get into radio work in the war effort, it is advisable that you enlist in the branch of the service in which you are most interested. If you are physically fit, and within the age limits, present your radio license at the Recruiting Office. You should be allowed to enlist. If you have any trouble doing so, wire or write George W. Bailey, 2101 Constitution Ave. N.W., Washington, D.C.

* You must get a letter from the Air Transport Command to take to your recruiting Office, permitting you to enlist in this branch of the Service. For such a letter write to Air Transport Command, of Army Air Forces, Chief of Communications, 8th Wing, Temporary Building 7, Gravelly Point, Washington D.C., attention Lieut-Colonel Harrington, Room 1822.

If you decide to await your call in the draft, it is very important that you succeed in getting an assignment to radio duties when you are first tested for your capabilities. It used to be generally possible for A.R.R.L. to arrange for the transfer to radio work of a good amateur who got a "pile-it" job, but requests from Headquarters are no longer considered. You have to put everything you've got into your first effort to get radio duty; you can be practically assured of a communications assignment if you do. But it is very important that, when you are called you take along with you your amateur and commercial licenses and any other documents you have to certify radio ability, such as the ARRL "Proficiency Certificate", AARS Certificate, graduation certificates from radio courses, and so on. The reason

for this is that early in your military career you will be called before an examining board and tested to determine where you will be most useful. Then is when you will need those documents, particularly that operator license. Whenever you are queried, orally or by questionnaire, we advise you to stick to radio, insist that it has been your main interest in life, describe your operating experience and the number of years you have had a Government license, and the number of transmitters you've built. That'll get you radio duty. QST Nov. '42.

FOURTH DISTRICT NOTES

By W4FSE

"HAM" SETS GO TO WAR

Sold to the Signal Corps on Purchase order from Fourth Service Command: Sky Rider Defiant by W4ABN; HQ 120-X by W4FPA; Super-Pro and Meissner Signal Shifter by W4FSE; HRO by W4TO.

W4ABN, Jim Brightwell, received radiotelephone under order 91-A enabling him to relieve the ops at the local broadcast stations (N.C.). Incapacitated while in service in the Navy during the last War, Jim is hardly able to do a long stretch of work of any kind, but these old warriors are like the retired fire-horse, chafing at the bit to go when the siren clangs.

Romance buds and blooms at WWNC. W4ZM, Charles Beard, engineer at the station, and Jeanne Pittillo of the Commercial dep't. of WWNC were married September 20th in West Ashville. W4ZM, who was licensed on his tenth birthday, is an OT despite his youth. He is waiting for his call to the Army Air Corps Communications, having enlisted some months since. Congrats to the young couple!

"Bull" Durham Ipock, W4EFX, has been commissioned an Ensign by Uncle Frank Knox. Ensign Ipock will attend a communications school at Noroton Heights, Conn. and then probably out to sea again. Before receiving his commission he saw duty aboard the USS Borie as Radioman 1-C. He is slated to instruct code at Noroton Heights as part of his duties. Around September 25th, "Bull" enjoyed a week's furlough at home in Asheville, his first leave in 18 months.

UNCLE SAM WANTS TO BORROW SOME MONEY FROM US AND HE'S OFFERING PRETTY GOOD SECURITY: OUR OWN!

THE Y.L.R.L. CONTRIBUTES!

By Nita W8TAY

From YL Harmonics, a Poem by Letha Allendorf, W9OUD, SCM for Missouri. In memory of a dear Friend who passed away some years ago:

There's an empty shack and a vacant chair,
 There's a mike that's still and a desk that's bare,
 There's a rig that waits for it's Master's hand
 And a lonely spot on the old ham band.
 There's a log that's closed and a Silent Key
 Where a Friendly fist signed "73".

Hey Gang! tune in on W2NAZ some morning, Lenore take the part of "EBBA" in "AGAINST THE STORM", a Soap Opry. She is also writing an early morning show for soldiers; she is Chairman AWVS Radio dep't., and a very active member of YLRL.

Fran, W3BAK, is very busy with her radio classes at George Washington University.

Mary, W3FXZ, is busy as Nurse's Aide in her town.

Dottie, W3JSH, has moved to Arlington, Va. to be near her work.

Mary, W1MZH/3, is an inspector of Radio for the Navy.

Louise, W9JTX/3, is now stationed at Norfolk, Va.

Elizabeth, W3CDQ, is resting, but will resume her many activities very shortly.

Dot Evans, W1FTJ, Secretary of the YLRL has found that the third district is the only district in which the YLRL has not lost any members to the inactive list -- ALSO - that the third district has none of its members with dues in arrears -- THAT IS SOMETHING!!

Bonnie, W4GEX, holds Class "A", also a Restricted Radiotelephone ticket, and is doing broadcast work at WFBC in Greenville, S.C. Bonnie plans to enlist in the WAAC.

W2MEG would appreciate hearing from anyone who has heard from Ella, K6ROJ, of Hawaii!

Eleanor, W2MWY, is op at Press Wireless

and may well be proud of her high-speed operation!

Helen, W2NFR, will be one of the code instructors at American Radio Institute. She has given much time to AWVS, specializing in "bug" sending.

Ann Gray is to be commended for her excellent work at Aircraft Warning.

AWVS is now training pre-inductees in code. The Signal Corps recommends em!

Octa, W6RJV, and W6OHC, have worked all states. YLRL would like to know if W6OHC is now W2OOP?? (W6OHC is listed as Vera A. Rathbun, Los Gatos, Cal; now of QTH of W2OOP, 1 Beachwood Ave., Longbranch, N.J. and it has been reported that she is now known as the "OOP-Girl" thereabouts - ed)

Hazel, W7IBH, is Organist in her church. She finished a 144 hour Government radio course last spring.

Does anyone know the present whereabouts of K7HUT, late of Kodiak, we wrote her a letter but it was returned "unclaimed". (K7HUT, Verna C. St. Louis, (K7HAI) is listed in the recent call-book under QTH of Ugashik Lake, via Pilot Point, Alaska. Try that one Nita -- Ed)

Beth, W8NCJ, after steady daily practice sessions is now able to copy solid on the mill at 40 per -- congrats Beth!

W8ROP, Ruth is a Registered Nurse; has worked 70 countries.

Helen, W9JPT, is teaching code at Scott Field.

Enid, W9NBX, our ex-President, is Jr, Radio Instructor for Air Corps in Chicago.

Martha, W9ZWL, is Supervisor at Message Center, Camp Rapid. Work includes telephone switchboard, radio station, and teletype.

Emily, W1NRU, is now in the "WAVES" -- this "Wave's" length is 5' 7 $\frac{1}{2}$ ". She's young and athletic, the daughter of the Governor of Mass. Was head of the Communications dep't. of the Mass. Womens' Defense Corps. Emily was licensed in 1941.

Would like present QTH of W7FWB! (Last known qth of Ethel, now Mrs Henry Poole, is Clerk Telegrapher, U.S. Army, Ft. Douglas, Utah. Her OM was (May 1942) a co-pilot in Navy Air Corps. Hope you can use this-Ed)

**THE LADIES' AUXILIARY
REPORTS!**

Did anyone happen to see a poem(?) in the November QST, entitled "A Woman's View"? This poem was reprinted from the D.V.R.A. NEWS, and was submitted to that paper by one of our own "Auxiliary" members, who did not wish her name published because she didn't want to make her OM feel silly. (She still has not given her permission for publication of her name to this paper. ed)

Marie Whyno is now working nights at Eastern Aircraft and may miss a few of our meetings in the future, but, Marie is doing her bit for the war effort and will have to be excused.

Election of Officers was held at the October meeting of the L.A.D.V.R.A. The following Officers were selected by the membership:

President	Marie Whyno.
Vice Pres	Natalie Hannah
Secretary (3rd. Term)	Charlotte Yoder
Ass't. Sec'y.	Verona Kise
Treasurer (Re-elect)	Helen Allen
Ass't. Treas.	Ruth Hirsch

Helen Allen spent ten days in Florida recently visiting her OM while he was at that location, and expects to move with Les as soon as he is permanently located. Les is with the U.S. Army Air Forces.

HEARD ON FORTY!

November 23, 1942 7090 Kc 9:50 PM
HC2C CALLING CQ!
 RST 5 - 7 - 8 Chirpy

FOR THE BOYS IN THE SERVICE!

A letter from the ones at home is one of the most welcome things to our boys in the various branches of the Service, so, with a view towards some of you fellas dropping a few lines to our members who are serving in Uncle Sam's Armed Forces, we give herewith the addresses where mail will reach em!

Lt. Lester H. Allen, A.A.F.A.C., Room 726
 Hotel Severan, Indianapolis, Ind.

Corp. Wm. F. Petty Jr., 15th Signal Reg't
 Fort Monmouth, New Jersey.

Major Samuel Kale, 71st Field Artillery,
 APO 225 Desert Maneuvers, c/o Postmaster,
 Los Angeles, California.

Pvt. Arthur G. Hassal, 628 T.S.S., Bks
 2118, A.A.F.T.S., Madison, Wisconsin.

Pvt. Dave Nabutovsky, U.S. Army Co. C, 29th
 M.S.C.R.T.C. Signal Training Bureau, Camp
 Crowder, Missouri.

Anthony S. Rura, A.S., Barracks 428 Co. 24
 U.S.N.T.S., Bainbridge, Md.

Edward A. Peters, A.S., Barracks A, Co 139
 U.S.N.T.S., Newport, R.I.

Drop em a line at intervals, fellows, and let these boys know that the folks back home are rooting for them!

HI WIND!!

FLASH!!! Charlie Moore has repaired his Hallicrafter receiver -- trouble, one screen resistor!! Great work Charlie!

Danny Petricco is working on the "Graveyard" shift at Eastern Aircraft - No report on the nature of his duties there.

W3FXM is now Sgt. Jos. Santomos, and is doing Raadar work. Address mail to Box 232, Highlands, N.J.

The November meeting of the Delaware Valley Radio Association was held at the home of W. Ray Tomlinson, W3GCU, at which time several Active Officers were elected to fill in the unexpired terms of the members who have been called to Service. The following were selected:

Wm. A. Blumel, elected as Acting President,

Leslie R. Yoder, elected as Acting Vice P.

Assistant Sec'y - Charles Moore

Sgt. at Arms - Pierre Williams

It was also decided at this meeting that the dues of the D.V.R.A. will be reduced to .25 per month until further notice.

The December meeting will be held at the home of Leslie R. Yoder, W3EED, 112 Britton Ave., on the Second Wednesday of December.

WHAT! YODER MOVE AGAIN?? YEP, AGAIN. This time he says he is well satisfied with the new domicile. We don't know -- but we sure HOPE so. Been a job to keep track of him lately! - FIVE time in two years, Hi!

The January meeting of D.V.R.A. will be held at the home of Wm. Blumel, W3JOL, 201 Park Lane, the second Wednesday in January.

Flash - Just received a call from Les Yoder saying that Lt. Lester H. Allen sent him a telegram stating that Allen has been transferred to a location way down in Alabama, as of December first.

W3ITU is now Pvt Dave Nabutovsky, U.S. Army. Dave is located at Camp Crowder and mail will reach him ok if addressed to him, U.S. Army Co. C, 29th Signal Training Bureau, Camp Crowder, Missouri. Drop him a line fellows, he'll be expecting word from the boys at home.

Tony Rura is now in Uncle Sam's Navy; because of the limited time Tony had at his disposal, it was necessary that he enlist as Apprentice Seaman, and will have to entail all the usual difficulties in obtaining his Radio Technician rating. Thanks for the letter, Tony, and we are all pullin for ya!

The American Emergency Net members had their annual picnic at Berlin (N.J.) Park on September 6th, and a swell time was had by all those present, which included W3IAS AEY: HLY: HND: EET: JOF: IIC: IZP: Bob Boehme, Hank Bennett, Mis Jean MacMullan, & all the YL's, XYL's, and OW's. In the afternoon a baseball game was played between teams managed by Mrs. IIC and Miss MacMullan, with the MacMullans taking the nose-dive to the tune of 9/8. The American Emergency Net hails from Westmont, N.J., and, before the "blackout" was very active and efficient.

Ray Hibbs, Hank Bennett, and Bill Wescott of Collingswood, N.J., and Bob Haworth of Oaklyn, N.J. are all newly licensed "hams" with Class B tickets.

The South Jersey Radio Association is conducting a radio code and theory class under the capable tutorship of Mr. John Terrell, W3EDF, of Haddonfield, which is progressing very nicely. The regular monthly meeting of this organization is held on the third Thursday evening of each month at the Birdwood Club in Haddonfield, N.J. At the October Meeting two new members were welcomed into the ranks of this organization, Ernie Foxx, of Pine Hall, N.J., and Julius Krivos, of Collingswood, N.J.; and at the November meeting another new member was accepted, Ralph Pierce, of Haddonfield, N.J. The Club is planning a Club Christmas turkey dinner. The Club's Corresponding Secretary is Hank Bennett, 634 Atlantic Ave., Collingswood, N.J. We have no report as yet on the outcome of the Club's nomination of officers, which was

scheduled for the order of business for the November meeting. (We thank Hank Bennett for this fine report from his club and will appreciate further reports in the future on all the activities of his club members, as well as activities of others in the South Jersey vicinity -- thanks Hank, and "keep em coming" ed)

Bob Wagoner, W3HZM, of Merchantville, N.J. enlisted in The U.S. Naval Reserves as Radio Technician 2nd Class, and is now at Philadelphia Navy Yard, awaiting his transfer to Raadar school.

W3FXM is now Sgt. Jos. Santomos doing Raadar work, and may be addressed by mail Box 232, Highlands, N.J.

And, speaking of Sargeants, our own Bill Petty, W3HAZ, is now Sgt. Wm. F. Petty Jr., Co. B, 15th Signal Service Rgt., Fort Monmouth, N.J. Bill is permanent instructor in the high-speed radio school at the Ft.

Ed Raser, W3ZI, is again on field duty with Air Corps somewhere in the U.S.A. Ed is on the road more than at home since his promotion to Radio Engineer in the Field Division of the Signal Corps General Development Lab.

At the November meeting of the D.V.R.A. which was held at the home of Ray Tomlinson the gang was kept waiting OUT IN THE COLD for approximately an hour before Ray cud be awakened from an evening's siesta on the divan - ha! - Les Yoder says, "It's a good thing Tomlinson does his snoozing on the divan, instead of on the job as ed of D.V.R.A. NEWS. (Haw! come again - ed)

Bill Blumel, W3JOL, is now working as a "leader" in radio installation at Eastern Aircraft. Bill resigned his position at Palmer Labs Monday, December first, and took up his new duties at E.A. on the following day.

Les Wood, W3BWF, is also working at Eastern Aircraft, but we have no news of his duties there as yet.

W3EED says that the Jr. Op. at his home is shaping up into quite a "ham", Les says the little fellow, at the ripe old age of eighteen months, can tune the receiver. Its a dawgone good thing that, at the insistence of Tony Rura, W3ARN, Les incorporated an overload relay on the new transmitter, before long that little heir to the 3EED fortune will be trying to tune the new three-quarter Kw. rig.

To those of the fellows in the Service to whom ye Ed owes a missive an apology is due. Sorry to be so tardy in writing but am just about as busy as a one-armed paper-hanger and time is at a premium, but will get busy soon and drop a line to all of you. Please, fellows, don't let it stop you from sending in what news you may have for both this paper and our Section Column in QST. So, 'till we meet via pen and paper, my best wishes to all of you. - (ed)

We are in receipt of a report from our pal, Charles Moore, who says he has been doing a lot of listening on $2\frac{1}{2}$ meters of late. Wonder what Charlie expects to hear on the band beside the "rush"!

And our Director of Radio Monitoring has been doing a lot of ear-bending on the BC band lately. One night recently, just being inquisitive, Les scanned the band from 1600 kc to 545 kc purposely to count the number of stations that could be received with 100% perceptibility, and, to his surprise found that there were 104 stations received; which means about one station every ten kc. Just goes to show that the Federal Communications Commission knows what they are doing. Les has been straining his "listeners" also on our bands, but has not heard any "ham" signals in the last six months to speak of, but, has noticed that some commercials have managed to sneak into the amateur frequency territory, quite a few of which are foreign propaganda stations. To our thinking there are several good, honest-to-goodness amateur stations that would make a very satisfactory addition to the propaganda network now operating within our bands; stations that have been heard consistently in foreign countries while amateur operation was permitted. If this were authorized, under strict supervision of course, it would bring to life a great portion of much coveted "dead" territory which, at present seems to be serving no useful purpose toward the war effort.

Our Sgt. at Arms, Pierre Williams, W3JAG, has been doing quite a bit of experimenting with transmission of ground-waves, as well as over land line. Pierre is not quite prepared to give us any report on this phase of his activity as yet, but, we understand most of it has been fairly successful to date. Good luck, Pierre, we are with ya!

Everyone likes to have some form of

amusement at times. So thought ye ed, who recently acquired for himself, a BC receiver (with short-wave capabilities of course), and amuses himself listening in on some of the coded babble that goes out on the ether while punching holes in the stencils which are later all "goo-ed" up in printing this paper. When he gets fed up with the woops and buzzes (no beat oscillator) he just sez to himself - "dit dit dit dah dit dah", and resigns himself to the gargle of the BC stations. (For shame, a ham listening to broadcast, Hi!) A little secret, tho, we expect to stick a beat oscillator on the derned outfit to see if it is not possible to hear something worth listening to. WE HOPE!!!

Harry White, who is employed at Eastern Aircraft Radio Division, is also a member of the Civilian Defense group of Harbortown, N.J., and is busily engaged in his off time building an airplane detector unit for the listening post there. Harry is known in amateur circles and on the air as W3CFB.

Bill Blumel has completed the $2\frac{1}{2}$ meter TRF receiver which is to be used in conjunction with the Hamilton township WERS unit. Bill has also very near completion, the 815 crystal-controlled transmitter to be used in the program. Ray Tomlinson had under construction a $2\frac{1}{2}$ meter superhet, also to be placed in WERS service for the township when completed.

Dal Fogg, W3ASQ, of Hamilton Square, who is Radio Aide for the township, reports progress with the entire WERS program.

W3DCQ, Tony Zanoni, is attending radio school in preparation to becoming radio inspector for the Army in civies. Good luck, Tony!

Well, well, poor old Charlie Moore comes in for his share in this issue, but, altho Charlie's shoulders are not so broad, he can take it. The other day, Les Yoder invited Chas over to his home in the evening for a chat on club affairs and a 'lil snack to finish, but, Charles said he did not know whether or not he could come out at night as he was afraid his XYL would think him out with a YL, but would try and make it. But, said Charlie, "Don't expect me there all dressed up, because, when I put on my good clothes, she KNOWS I am with a YL". Now, Charlie, she should KNOW better than that, what kind of education have you given her???

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