

VALUME TV

MT. AIRY V.H.F. RADIO CLUB, INC., PHILA., (50,2, 144,2 and 221,4 Mg.)

W3CCX

(Meeting notices; last page)

JUNE 1961

· 原数: 图 · 经销售 \*\*

OFFICIAL BULLETIN NA 1999 FROM ARRE HEADQUARTERS WEST HARTFORD . CONN. MAY 87 1961 TO ALL RADIO AMATEURS OT

THE ARRL BOARD OF DIMECTORS HELD ITS ANNUAL MEETING AT ANAHEIM, CALIF., DN MAY 5, 1961. ARRL WILL REQUEST FOR RULES PROVISIONS FOR SLOW SCAN FACSIMILE IN VOICE SECTIONS OF THE 10 AND 15 METER BANDS, AND TO ELIMINATE THE REQUIREMENT FOR CW IDENTIFICATION BY RTTY STATIONS.

THE BOARD VOTED TO SUPPORT FCC PROPOSALS NOW PENDING TO PERMIT CONDITIONAL CLASS EXAMINATIONS FOR CIVILIANS OVERSEAS, DOCKET 14025, AND TO PERMIT WORLD WIDE MARITIME MOBILE OPERATION ON 14 MC DOCKET 14026. THE GENERAL MANAGER WAS INSTRUCTED TO MAKE STRONG REPRESENTATIONS TO GOVERNMENT AGENCIES TO EXPEDITE ENACTMENT OF RECIPROCAL LICENSING AGREEMENTS WITH FRIENDLY COUNTRIES.

THE BOARD ALSO REQUESTED AN INTENSIFICATION OF EFFORTS TO OBTAIN INCREASED DPERATOR PRIVILEGES IN 1800 TO 2000 KC, AND TO EXPLORE A POSSIBLE RELAXATION OF LOG KEEPING REQUIREMENTS FOR MOBILE STATIONS. THE BOARD EXPRESSED ITS SUPPORT OF BILLS IN CONGRESS TO ELIMINATE THE REQUIREMENT FOR A NOTARY PUBLIC STAMP ON AMOTEUR LICENSE APPLICATIONS AND TO ALLOW EARLIER BENEWALS OF AMATEUR RADTO LICENSES . SAL CARREST STATES

THE DIRECTORS RESOLVED TO URGE U.S. AMATEURS TO KEEP THE TOP 15 KC OF 20 METERS OPEN FOR DX STATIONS USING SSS. BY-LAWS WERE CHANGED SO THAT CANDIDATES FOR DIRECTORS MUST HEAD GENERAL CLASS OF HIGHER LICENSES.

THE PUBLIC RELATIONS COMMITTEE WAS MADE A STANDING COMMITTEE OF THE BOARD. A COVER PLAGUE WILL BE AWARDED THE AUTHOR OF THE BEST DST ARTICLE EACH MONTH. DIRECTOR DENNISTON WAS ELECTED, AND DIRECTORS MEYERS AND KAHN RESLECTED, TO ONE YEAR TERMS ON THE EXECUTIVE COMMITTEE. THE GENERAL MANAGER WAS ASKED TO STUDY THE POSSIBILITY OF SECURING ISSUANCE OF A U.S. POSTAGE STAMP COMMUNATING THE SOTH ANNIVERSARY OF THE LEAGUE IN 1964. THE MEMBERSHIP AND PUBLICATION COMMITTEE WILL STUDY PUBLICATION OF A TEN YEAR INDEX OF QST AND A NEW VHF HANDBOOK. HIGHLIGHTS OF THE MESTING WILL APPEAR IN JUNE OST AND THE FULL MINUTES IN THE JULY ISSUE.

(Editors note) Rerhaps, I, as a non-ham, should keep my mouth shut, but I feel that the League should request that the FCC not change the expiration dates on the licenses each time they are renewed.

FOR EXAMPLE: Frankis's original license expired July 24, 1956.
When he renewed it the expiration data was changed to July 5, 1961. He has already applied for his renewal. What the expiration date on this one will be we do not know.

This I do know; Frankie lost 19 days, out of his five years. I also know that you cannot go to the FCC on the date of expiration and have it renewed, so that you can receive the same expiration date. Therefore I feel that the FCC, while they have to look up your original license, should also give you the same date that appears on your original license.

\*\*\* (Cont'd next page)

(Editor's note cont'd)

Why should you, who apply for renewal at least 60 days before expiration, be why should you, who apply for renewal at least 60 days herere expiration, be penalized 19 to 30 days short of five years? If you were excessed and convicted of a crime, committing you to jeth for five years, with no recommendation for parols, you would have to serve the full five years. So, why should you lose that time for adhereing to the FCC relea for renewal? Maybe I'm right, and maybe I'm wrong, but as I see it, your expiration date should always be the same. Perhaps letters to the League, or the FCC, will bring about a correction in this metter.

<del>aria araberaria araberaria de araberaria de araberaria de arabera de arabera de arabera de arabera de arabera de ar</del>

\$.10 a copy

EDITOR: HELEN BRICK, XYL, W35AD 829 W. Fishers Avenue. Phila., 41, Pa. 215 DA. 4-7524

PRESIDENT: W3HKZ; Ed Kushner VICE-PRES. K3HWZ, Bill McCutcheon REC. SEC .: W3ZRR; Ray Whitehead COR. SEC.: W3SAO, Francis Brick TREASURER: W3MVF, David Bloch

CLUB CALL: W3CCX

M3FDZ, Charles Koelsch TRUSTEE: 2600 Horsham Road.

Hatboro, Pa.

DIRECTORS:

W3KKN, Ernest Kenss ex-officio.

COUNCIL REPRESENTATIVES: W3AYG, John Harris K3LBT, Alfred Obenland

MEETING PLACE: West Dak Lans Jewish Community Center; Sedgwick & Thouron Sts. Mt. Airy, Phila., Pa.

DIRECTORS MEETING: Second Wednesday each month.

GENERAL MEETINGS: Third Wednesday each month.

144.2; Each Monday, 2000 50.2, Each Monday, 2100 NETS: 221.4, Each Monday, 2200

(Editors note) Perhaps you noticed in the above rundown, that there is a number preceding my phone number. As of May 21, all of the Phila, area now can dial direct distance. The 215 area covere most of our members; including K3GAY, Don, in Allentown. But those of you in the 215 area, calling our members in Jersey must dial 609 before dialing the number. For our mem-ber in Delaware, you must dial 302 before his number. The code Humbor for 8111, W25XO, is 201.

If number of pages permit, I will include a Dialing Code number sheet. This is through the courtesy of the Bell Telephone Company of Pennsylvania.

We realize that other parts of the country also have direct distance dialing, and that is why we would like to add the code number sheet to this is-

If room does not permit inclusion in

"CHEESE BITS", PUBLISHED MONTHLY BY THE this issue, please make sure that you MT AIRY V.H.F. RADIO CLUB, INC., PHILA. attend the June meeting and pick up \$1.00 s year your copy.

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

# 13 H. Tayley . QSQ: PARTY .. BUNE . 10 .. 11 ... Page page 1

CHAIRMAN: K3ILV, Best Soltoff

The June QSO Party will be held on the hill at the rear of the QTH of W3CKP, Warren.

Directions to the dits are as follows: Route 611 to Coylestown. through Doylestown to the Crosskeys diner. If you are coming from the north, turn right; if you are coming from the South, turn left. Continue over Herry W3CKP, Warren Parker Frankford Store, turn left, (If you w3JSD. John Houser turn right you'll lend in a field) Continue along this road until you W3CL, Herry Stein see the Coylestown Mursery sign. K3CIV, Rëlph Hersh, Turn right, and continue up the hill.

> The call used at this site will be the club call; W3CCX.

The reason that the club is putting stress on the CSO perty is that we are stricktly a V.H.F. club. and es such, we feel that we will have a better chance. Now, if you feel that we also stand a good chance in the field Day compatition, express your oplaners at the mootings.

DEFICIAL BULLETIN NR 800 FROM ARRE HDQ. WEST HARTFORD, CONN. MAY 19,1961

TO ALL RADIO AMATEURS BT

For all DX workers and ameteurs interested in the ARRL Countries List, the following information with affective date of change in that list is now . announced, Malpelo Island: Confirmations for contacts with Malpelo Island stations must be dated November 15, 1945 or later. The prefix HKM has been used for operation from Malpelo. DXCC credit claims for this addition received before August 1, 1961 will be returned without credit. For a more OXCC notes June 1961 QST. detailed announcement of the above see

\*\*\*\*\*\*\* Worried about TVI? Peruse the following, and then stop worrying.

A report from WCAU is that KFEQ-TV, in St. Joseph, Mo., Channel 2, has been interfering with CBS' Channel 2, in N.Y. since 8:00 A.M., May 23rd. WCAU has two ten element yagis pointed to N.Y., and KFED-TV's signal is either coming in off the side, or down from the top. Sometimes it is stronger than the N.Y. signal.

By W39AO, Frankie

Radio Interference Odditiesi-

The field off of the FCC and the local power company were deluged with calls from a section of a certain city, com-plaining of TVI. An FCC engineer located the place where the TVI was the strongest. With the help of a lineman, power connectors to various build-If the net control station is using a ings were opened one at a time until the TVI stopped. The culprit proved to be an unused neon sign at a gasoline station. Bare output wires from the transformer were touching a brick wall which served as a conductor bacause it was covered with aluminum

When a satellite tracking station complained of difficulty to radio reception from a space object; the FCC pinned the blame on spurious signals from a station in the Netherlands.

A German station complained of interference. FCC Bearing showed it came from the vicinity of Ceylon, which helped to further determine that it emanated from the nearby Maldine Is.

Interference to transmission from Cali\_This month we are asking you to refornia to Japan was found due to a faulty transmitter of a station in Hawaii.

An AM station sent the FCC a handbill announcing the opening of a \*new broadcast station". The latter did not appear on the Commissions' records so the FCC visited the scene. They round low-power device to communicate with playmetes in the neighborhood during certain hours.

plaint by an Army camp of undecipher- This club project is a desireable acfrom another Army post, presumably from a class studing CW.

airfield. Somebody had forgotten to replace a protective cover shield.

An Airport interference complaint was determined to be caused by the strips of neon lights which outline its control tower.

### \*\*\*

### PROJECT MERCURY

As Sheppherd was coming down they had to switch from HF to UHF in order to have communications.

The known transmitter for locating capsule in water was on 240 Mc. A good frequency area for transmitter

There were 2 HF and 2 UHF transceivers storm. What a tough break. built by Collins.

Due to the fact that I have not been active on the band lately, my report will be short; W3GXB, Bob, reports a few good DX nites on the bend.

However, as alternate net control on the Pack Rate 2 mater Monday nite net a few comments are in order.

single beam he should always favor the station to whom he is transmitting. It is difficult for net control to swing his been for each station, however he can anticipate the general derection of the next station.

W3SAO is going to return to a stacked 10 over 10 beem for this very reason. A sharp beam has its advantages, but for net control it just does not fill the order.

Thanks to all who call in each Monday.

# KNOW YOUR CONSTITUTION

By W3SAO

By M3KKN, Englo

fresh yourself on the following; DUTIES OF OFFICERS: ART. VII, Sec. 1-6

MEETINGS: ART. VIII, Sec. 1-2 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

220 MC. NEWS

a 14-year-old boy who had advertised a K3IUV-Bert is busy getting the expedition ready for the OSO Party (June 10-11). He has most everything end the crew is well established. They will be Interference involving CW are not too Now it is vital that all members work common. However, one concerned a com- this group on all the bands they can. able CW signals on a military frequentivity. It will be in competation with cy. Though keying was poor, FCC moni- other clubs throughout the country. Be tors were able to fix them as coming sure you work them on as many bands as you can. There should be at least 200 contacts available to Bert and his gang Some Interference Complaints Boomerano from club members alone. They will be operating under the Club Call; W3CCX. Interference to jet planes was traced Also, gang, be sure and work any of the to a receiver used at the complaining individual members who might be in this contest seriously, as well as any other groups from our club, that might be on. This is your chance to show some of that real Rack Rat spirit.

> W3ZTL-Myles is the newest club member on 220. Using a homebrew 6360 rig and converter. He still heeds a beam, but gets out locally FB on the 2 M. Beam.

W3FOZ-Charlei has the beam and converter bur is still building the rig. Charlie's antenna is a neat 5 over 5. . although it still needs adjustment.

W3CGV-Gary is experimenting with a nuvistor. Anthing to hear better with!

W3GGR-Lew, lost a 65 ft. tower with a 64 element 432 Beam in a freak wind-

(Cont'd next page)

W2KFC-Lee, has more nicknames hung on him than anybody. Windtunnel Miles, Post Hole Lee, Scroungee, The Pontlac Kid. I like Johnny Reb Miles the best. Lee has put his 432 beam in the attic. Claims short lead-in helps, no weather :: problems, and pan still work them all.

converter; recently. Seems to me coax relays should be marked xmit, rovr, ant, because this can happen to anybody when the DHM-Mater lan't handy.

K2SMZ-John, has been on the sick list recently, W2AXU must have passed the bug down to him.

WZEIF, Joe, has a new Dadsmobile. What these DD's won't do to track down bootleggers. He got it to go after the bootlegger he heard in North Jersey.

W3UJG-Ernie is rumored to now be on

WZAXII-Jack, ran the Monday Nite net recently. How's it feel, Jack, to have everybody point their beam at you?

W3CL-Harry, is on tour again, Remember the weight boy, Pack Rats should all have a svelte look.

W28AY-Well look who got on the bend! The didtimer himself. Ed is sporting one of the new Conset Comm IV's for 220. Uses an 11 element Cush Craft yagi. Receiving with a Notional Conv. into an NC 303. He's the let SJRA member, we know of on 220 and certainly the let to cell into our net.

I would like to thank the members for the flowers, cards and calls regarding the death of my father. : It's nice to have so many friends during this sed time.

\*\*\*\*

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

网络李瑟尔斯 自己手造成 施工工厂

73. Ernie, W3KKN

We would like to offer our congratulations to the new officers of the Bucks County Amateum Radio Club K3c IDK Fenton Glazier, President K3GSV, Heddy Grant, Vice President W3FRX; Jos Monahan, Rec. Sec. K3BKP; Irene Coffin, Cor. Sec. KJEGP Ralph Blakemore, Treasurer.

(Aside) Now I know how Ralph is buying his new home. Hi-hi. nat his performance.

# COMING EVENTS

CROSSING PARK, PA.

JUNE 10-11 - V.H.F. QSO PARTY JUNE 18 - E. PA. SECTION PICNIC, HERSHEY, PA.

JUNE 24-25 - FIELD DAY

JULY 16 - CUMBERLAND VALLEY ARC PICNIC AUGUST 20 - BRASS POUNDERS PICNIC

AUGUST 13 - PACK RATS PICNIC, FORT WASHINGTON STATE PARK. FLOURTOWN, PA.

> KNUCKELHEADS PICNIC EAST COAST VHF SOCIETY

PICNIC, SADDLE BROOK, NEW JERSEY.

### COMMENTS ON SIX AND TWO,

### By SMEL A. RHAT

The DX sesson is now with us as can be attested to by the many 1,2,4,5,8,9 and # calls which have been logged. lately. A few 6's and 7's have also been heard but no contects reported The two meter band has also picked up in activity with the band reported open to Ohio, West Va. and up into ... Mass. The 220 Mc band has also showed some promise, with signals from the New York area being heard occasionally.

Keep in mind that the big OX season on six is usually between the dates of May 15 and July 15, and that good "ground wave" contacts on 144 had 220 Mc. can usually be made thru June, after that, one usually has to wait until Sept. and Oct. for resumption of "ground wave".

By the time you read this, you will and also have studied a slate of candidates who aspire to be officers of your club during the coming year. The list of candidates was prepared thru the com-bined efforts of the mominating Committee and nominations from the floor at the nominating meeting. Many considerations have to be taken into account when a club momber is studied as prospective officer material. One of the first to be taken up is whether the person is willing to serve or not. The next is whether his other then club activities will prevent his serving. Surprizingly enough there are \*\*\*\*\* many talented people in the Mt. Airy William VHF Club who are unable to be candid. dates because of other commitments. Be that as it may, the slate presented to you represents a select group grom which you can make your final choice of club leaders with utmost confidence, and the asurance that the Club.will be kept moving and active con-

### SMELL VALL

## A FIRST!

Well, what do you know? Those Coal Cracken Brass Pounders finally caught JUNE 4 - BUCKS COUNTY PICNIC, a Rat, ex-Ret, I should say, for their BOWMAN'S HILL, WASHINGTON'S Cat Ranch: W3MWP, Leo.

Atta boy, Leo, stay in there and keep us informed of the diabolical plans they have for us. The strains and red?

Ranch must be doing presty good. W3CUK the manager made enough to go to Bermuda.

MEMORIAL PLAYGROUND, SCOTLAND, (I GOOFED in "COMING EVENTS.)

\*SUAP SHOPPE Conducted by, W3ZRR, Ray Whitehead,

FOR SALE (To the first person with \$30.00)

> 1 Power supply, 400 V at 400 mills. 250 V et 100 mills OC and 12.6 V at 10 Amps AC.

> > (For the first good offer) 1 convertor: 15 meter. Built in power supply, output to 80 meters.

K38PK, David Gindin CONTACT 6504 Roosevelt Blvd, Phila., 49, Pa.

FOR SALE 6 V. Excellent condition. \$140.00

CONTACT 2535 Bleigh Street, Phila., 15, Pa.

FOR SALE Measurements Corporation Vacuum Tube Voltmeter Ranges 1,3,10,30, 100 Volts. \$25,00

11.11

33,7224 25

CONTACT K3IUV, Bert Soltoff 8582 Benton Avenue, Phila., 15, Pa.

WANTED Coils for HRO-5 CONTACT CHILLIE

Please send all articles for "Swap and Shoppe" to W3ZRR, Rey Whitehead, 4534 N. Smedley Street, Phila., 40, Pa. DA 4-5910

## HIGHLITES OF MAY MEETING

The amendment to the Constitution and By-Laws, that you received in the last issue, was voted upon and passed, with two dissenting votes,

Mark it: ADDPTED MAY 27, 1961, and attach it to your copy of the Constitution and By-Laws.

The slate of officers for 1961-62 was presented by the nominating committee. with other names nominated from the floor. slate

The complete for your study and consideration appears on the next page. Study it carefully and be prepared to vote at the June meeting.

Following the nominations, Lee, W2KFC showed films of some of our past Field Day expeditions and one of our picnics.

All-in-all, we had quite an exciting meeting.

YOO-HOO, remember our picnic and family day. It's only two months away, Aug. 13th. Registration fee; \$1.00 per family, note family, not per head.

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

We were afraid that this column was to be put-up for rent, but thanks to the ARRL and OST arriving today we do have some news.

It is now official, WE ARE THE NUMBER ONE VIH.F. CLUB IN THE COUNTRY.

From page 64; June QST:

Mti Airy ViHiF: Club (Pa.) 617;139 South Jersey Radio Asso: 493,420 6 Meter Club of Chicago 271,567 National Capital VHF Society 156,743

(Quoting from page 63, June QST)

The V.H.F. Sweepstakes looks more like ite lower-fraquency counterpart every year. Always the top event on the v.h. 1 used Gonset 2B for 144 Mc., P. man's calendar, The V.H.F. SS now threatens to displace one of the Big Three (Field, SS, DX Contest) as an K3IPM. Stan Smith Company (One goof: left out Bay after Field) the 19th running, January 7-8, 1961, brought in 1561 valid logs, up 8 per cent over the 1960 record. Some 1094 stations were on 50 Mc., and 900 on 144; both records. All this came about DC and AC to 1000 Megacycles with conditions generally poor. We shudder to think what might have happened had there been major propagation breaks eround the country!

For the first time in v.h.f. history. single-operator contact totals went over the 500 mark. W3HYJ and W3KKN. both of the Philadelphia area, worked 521 and 541 stations respectively. K3KMN, George Gakoumis W3M9J had 19 ARRL Sections, for 30, 116 Mark Drive, 218 points, and W3KKN, 15, for 27,025. Morrisville, par Eight Stations exceeded the magic figure of 400, once considered all but impossible of achievement in a v.h.f. contest. These included W9RDS, Roselle. 111. with 415, showing that there was no East Coast monoply in this field.

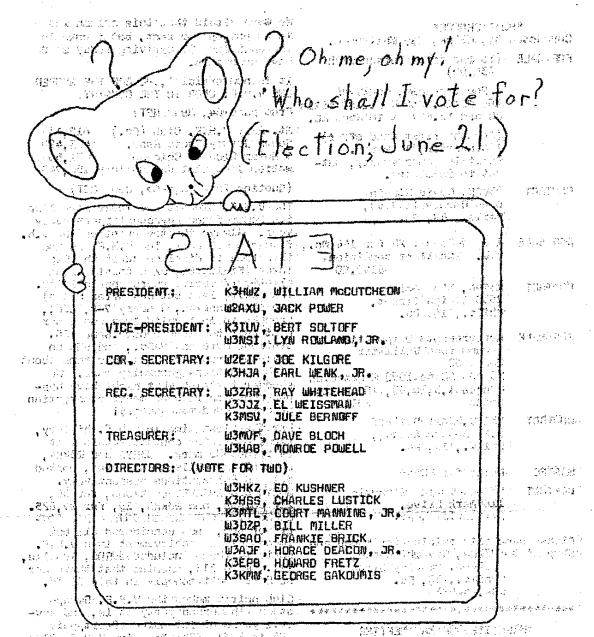
> Club spirit makes the V.H.F. Sweepstakes the grand party it is, and several years of intensive effort paid off in 1961. The Mt. Airy V.H.F. Club. nover less that 5th since their entry into the fray in 1957, climbed to 3rd them 2nd, and finally this year pushed the perennial winner, South Jersey Radio Association, out of the top spot With preactically every member taking part, 92 Pack Rats brought home a total of 617, 139 points. Note well that this is an average score per member of 6708 points, an achievement not even approached by any competitor. SJRA virtually equalled their 1960 score but lost to their scross-theriver rivals by a wide margin.

> > LATE SWAP AND SHOPPE

FOR SALE RME-4350A, Ham band receiver Excellent condition, aligned and calibrated. ESPECIAL PR

CONTACT K30TT, George Ryan 215-QE, 8-2300 (days) 609-NO, 5-0358 (evenings)

\*\*\*\*\* YOO-HOO, our picnic will be held at Fort Washington State Perk, Flourtown, Pe. Will you be there?



OK, boys, there is your slate, study it, and come prepared to vote at the June 21st meeting. Take Both Common the Common Co

Indon't envy you trying to pick two directors out of eight.

The YORK ROAD RADIO CLUB is holding an OLD TIMERS NITE on Tuesday, June 6. at their meeting place, Cheltenham Township Building, Azalea Room, at 8:30 P.M. York Road above Church Road, Elkins Park Pa.

Unfortunately, Frankie, as an ex-president, will be unable to attend due to attending a meeting of the Descens of our Church, wigger or Wis wor of a feeting lively

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

YNA; you didn't know frankie was a Deacon, did-jaj<sub>edeke</sub> och skag kyrku:

#### boat ANOTHER PICNIC

THE NATIONAL CAPITOL V.H.F. SOCIETY is holding one on JUNE 4th, at MAR-SHALL HALL AMUSEMENT PARK, on the Maryland shores of the Potomac, 20 Registration; \$1.00 com by the speakers and the second of the second of

รู แก้กรู้<mark>แม้</mark>พูด ริเทา และ ที่รับได้ NOT TRANSPORT (2) (4학 경영 (4학)연 estati i co  $\mathcal{L}_{\mathrm{var}} \cdot \mathbb{Q} \cong$ ar einnige.

Alteria Design

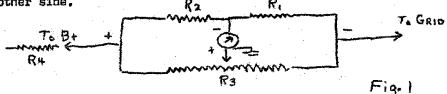
Car types of the oat this

CHARTE TO THE BEAUTY AND LONG THE BEAUTY

. (m) 10 m (c)

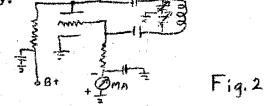
The manufactured grid dip meter and the home-constructed unit usually employ a 1 milliampere meter. If a microameter were substitued with its appropriate circuit, the grid dip meter becomes more sensitive and therefore more useful. The circuit I am about to describe can be incorporated into any existing grid dip meter or any future construction of a grid dip meter.

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



The potentiometer serves to balance or unbalance the bridge.

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

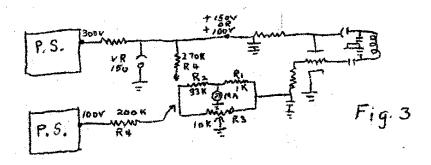


A 1 milliampere meter must be used because the normal flow of grid current is between .4 and .5 milliamperes. Even with the plets voltage turned off but the filament on, the current produced by the electron flow from the heated cathode to the grid is in the vicinity of about .15 milliamperes. From this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

Returning to Figure 1 we dan now see how we can use a microameter in our grid

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

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



### MEETING NOTICES

JUNE 14, 1961

BOARD OF DIRECTORS MEETING

The Board of Directors Meeting will be held at the QTH of W3HKZ, Ed Kushner, 148 Stoneway Lane, 8212—Cynwyd, Pa., on Wednesday evening June 14, at 8:00 p.m. If for any reason you are unable to attend please call MD. 4-4353.

JUNE 21, 1961

GENERAL MEETING

The regular monthly meeting will be held at the West Dak Lane Jewish Community Center, Sedgwick and Thouron Streets, Mt. Airy, Phila., Pa., on Wednesday, June 21, at 8:00 P.M. The main event of the evening will be the election of officers for 1961-62.

Through the courtesy of W3JSD, John Houser, we have as our speaker, W2LDY, ED CLEGG, of Clegg Laboratories; Ed will have with him samples of their latest equipment, including the Zeus, and will explain their functions.

All members are urged to attend this important meeting.

# Dialing Within the 215 Area

On calls within the 215 area, which includes all Philadelphia central offices and the central offices listed below, dial 2 letters and 5 figures (or 7 figures) of the telephone number. Philadelphia central offices are listed on page 8 of your Directory.

CENTRAL OFFICE PLACE	GENTRAL OFFICE PLACE	CENTRAL OFFICE PLACE
ADAMS 3Flourtown	GLENVIEW 8Eagle	OXBOW 9North Wales
ALPINE 7Perkasie	GLOSE 9 Chaster Heights	PARKWAY 3Souderton
ANDREW 7 Denver	GYPSY 4Chester	PLAZA 9Nazareth
ANDREWS 9 Downingtown	GYPSY 8 Belvidere	PLEASANT 4Sassamansville
ATLAS 7Schwenksville	MEMLOCK 2,3,4,5,7. Allentown	PLEASANT 6Kempton
ATWATER 5 New Smithville	HILLCREST 5Terre Hill	PORTER 7Slatington
ATWATER 6 Morgantown	<b>Ніцтор 6, 7, 9 Наvertown</b>	PYRAMID 4 Buckingham
AXMINSTER 4 Uhlerstown	HOMESTEAD 9Pughtown	RIVERSIDE 9Riegelsville
AXTEL 7 Carversville	HUBBARD 5 Marcus Hook	ROGER 6Plumsteadville
BELMONT 4 Green Lane	HUNTLEY 6Mortonville	SKYLINE 7 Langhorne
BLACKBURN 2,3,8Easton	HÜxLEY 4Adamstown	SPRUCE 7Reading
BRIDGE 3 Honey Brook	HUXLEY 9Collegeville	STILLWELL 8Bristol
BROADWAY 2,5,7,9 . Norristown	HYACINTH 5Linfleld	SUNSET 9 Drexel Hill
CHERRY 9 Dublin	HYATT 3Yardley	SWIFT 7Allentown
CLEARBROOK 9Drexel Hill	JORDAN 2 Hamburg	SWINBURNE 3Lenape
CLIFFORD 6Harleysville	JUNIPER 2 Birdsboro	TALMADGE 7 Chester Springs
CLINTON 5Kemblesville	JUNO 4Center Point	TAYLOR 5, 8Conshohocken
COLONIAL 2Northampton	KEYSTONE 6Quakertown	TEMPLE 7Bath
COLONY 8Avondale	KingsWQOD 3, 4Swarthmore	TERRACE 8Hellertown
CONGRESS 4Catasaugua	LAWRENCE 5 Bryn Mawr	TILDEN 5Bally
CRESTWOOD 4Landenberg	LEHIGH 2, 4Ridley Park	TREMONT 2, 4, 6 Chester
CYPRESS 5Morrisville	LOWELL 6Media	TURNER 4, 6, 7Jenkintown
CYPRESS 8New Tripoli	LUDLOW 3, 6Sharon Hill	ULSTER 7Parkesburg
DIAMOND 3Warrington	LUTHER 9 Womelsdorf	ULYSSES 5Lansdale
DRAKE 7Lehighton	LYNWOOD 8 Wycombe	UNDERHILL 9 West Grove
DUDLEY 3, 4 Coatesville	LYRC 3Atglen	UNIVERSITY 3Pen Argyl
DUNKIRK 5Douglassville	MADISON 2, 3, 6Lonsdowne	UNIVERSITY 5,6,7,8. Bethlehem
ELGIN 6 Newfown Square	MAIN 8Mendenhali	VANDYKE 2Line Lexington
ELMWOOD 5,7 Feasterville	MELROSE 5Eikins Park	VERNON 6Flourtown
ESSEX 9Cheltenham	MERCURY 9 Cornwells	VOLUNTEER 2New Hope
EXPORT 9 Westlown	MIDWAY 2, 9Ardmore	WAIKER 6Leesport
EXPRESS 5Allentown	Mitchell 6Ambler	WALKER 9Laureldale
FACULTY 3, 6Pottstown	MOHAWK 4, 7 Bala-Cynwyd	WELLINGTON 3Phoenixville
FIELDBROOK 6Springtown	MURDOCK 9Yellow House	Whimsiatt 4 Fleetwood
FILLMORE 8 Doylestown	MURRAY 8Wayne	WHITNEY 2Glenmoore
FireSIDE 7Unionville	NIAGARA 4Paoli	Williams 8Royersford
FLANDERS 2, 4Upper Darby	OLDRED 9Willow Grove	Wilson 7Huntingdon Valley
FOREST 7,9Boyertown	ORCHARD 8Sinking Spring	WINDSOR 5, 6, 9Levittown
FOXCROFT 3Exton	ORLEANS 9Pennsburg	WOODRING 5, 7Emmaus
FRANKLIN 2,3,4,5,6Reading	OSBORNE 2, 5 Hatboro	WORTH 8 Newtown
Gilbert 4 Kennett Square	OVERBROOK 2Topton	YUKON 2Upper Black Eddy
GLENDALE 2Valley Forge	OVERBROOK 3Kutztown	795Bedminster
	OWEN 2, 6 West Chester	



**Important!** 

Beginning May 21, 1961, all calls to Delaware and New Jersey will be outside the 215 Area and you must first dial the Area Code before dialing the telephone number. These places and their Area Codes are included in the list on page 3.

# NATIONWIDE DIRECT DISTANCE DIALING

WILL BEGIN MAY 21, 1961 AT 7:00 A.M.

Aram

HOBART **VYRIDGE** 

NEPTUNE ORCHARD PILGRIM 2

RANDOLPH

FOX CHASE

BURHOLME :

Telephones

# CITY OF PHILADELPHIA

These communities in Philadelphia will enjoy **DIRECT DISTANCE DIALING** beginning May 21, 1961.

> CHESTRUT WEST MT. AIRY OAK LANE ROXBOROUGH GERMANTOWN MANAYUNK

> > **EAST**

**NICETOWN** 

**FERN ROCK** 

LOGAN OLNEY

TIOGA FRANKFORD

HOLMESBURG MAYFAIR

BUSTLETON

TACONY WISSINOMING

FELTONVILLE

BRIDESBURG

RICHMOND

KENSINGTON

# PLEASE READ THIS FOLDER

**TORRESDALE** 

Beginning May 21, 1961, from telephones listed above, you will be able to dial direct (except from coin telephones) to many places throughout the United States and Canada as easily and quickly as you now dial local calls.

Please take the time to read this folder carefully so you will fully understand how to dial direct to such distant places as San Antonio, San Francisco and Montreal. Accuracy in dialing is essential to reach the correct number. It is, therefore, most important to dial slowly and carefully.

Direct Distance Dialing Instructions are also shown on pages 4 and 5 of your July, 1960, Philadelphia Directory.

# THE BELL TELEPHONE COMPANY OF PENNSYLVANIA



Your neighbors enlarging your world through service and science.





Beginning May 21, 1961, at 7:00 A.M.

Grom

HOBART IVYRIDGE NEPTUNE ORCHARD PILGRIM 2 RANDOLPH

Telephones

For Station-to-Station Calls Only (Not from Coin Telephones)

To speed your out-of-town calls you may dial direct to many distant points. To make this possible the United States and Canada have been divided into approximately 100 dialing areas. Each area is identified by a 3-figure code which directs your call to the area you want. To complete a call, dial the 3-figure area code, followed by the telephone number.

The code for the Southeastern Pennsylvania area shown on the map below is 215. Calls WITHIN the 215 Area DO NOT require the dialing of an Area Code. Calls to points OUTSIDE the 215 Area DO require the dialing of an Area Code. Here are the easy steps to follow for dialing direct:

# 1 CHECK the PLACE YOU WANT

A partial list of places you can dial direct and their Area Codes, if needed, is on pages 3 and 4.

If you know the number and the place you want is not listed, dial "Operator" and ask her for the Area Code.

## 2 OBTAIN the NUMBER

There is a new look in telephone numbers. The number you are calling may be listed in any of the following ways:

HOpkins 6-5120

LL6-9970

466-5312

If you don't know the out-of-town telephone number you want, dial "Operator" and ask for the Area Code and Information in the place you are calling.

When you obtain the number, jot it down in your personal list of telephone numbers, along with the Area Code.

# 3 THEN DIAL the CALL

# On Calls Within the 215 Area

When the number consists of 2 letters and 5 figures, dial as shown in the following example: HO 6-5120

When the number consists of 7 figures, dial as shown in the following example: 466-5312

See page 4 for list of dialable points.

# On Calls Outside the 215 Area

Dial the Area Code and the telephone number.

Example---904 PL5-9970

NOTI

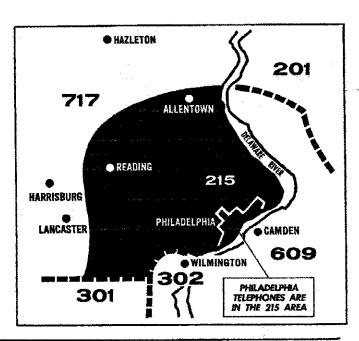
Beginning May 21, 1961, all calls to Delaware and New Jersey will be outside the 215 Area and you must first dial the Area Code before dialing the telephone number. See page 3 for the Area Codes for these places.



# IMPORTANT! TO AVOID BEING CHARGED IF YOU REACH A WRONG NUMBER...

If you should happen to reach a wrong number, make sure you report it to the operator immediately so you will not be charged for the call. Here's what you should do:

- —ask the party who answers what city or town you reached.
- -hang up then dial "OPERATOR" right away.
- -tell the Operator you reached a wrong number.
- -give her the name of the city or town you reached.



# Some Places You Can Dial Outside the 215 Area

You can dial telephones in hundreds of other places
If the place you want is not listed, ask "Operator" for the Area Code.
On calls outside the 215 Area dial the Area Code and the telephone number.

	On ca	us ou	rside me Zio Area didi	me	Area Code and the fel	epnc	)ne number.		
	PLACE AREA C	3DC	RLACE AREA CO	e e	PLACE AREA CO	DE	PLACE ARE	A COD	BE .
	ALABAMA		IOWA		NEW JERSEY		Erie		814
	Birmingham	. 205	The state of the s	515	Asbury Park	201	I Greenshurg		412
	Decatur			319	Atlantic City	609	Harrisburg		717
			Des Moines	515	Burlington	609	i Hazleton		717
	ARIZONA		Davenport	319	Camden	609	Indiana		412
	Flagstaff	. 602			Collingswood	609	Lancaster	• • • •	717
	Phoenix		. 3		Elizabeth	201	Lebanon Pittsburgh	• • • •	717 412
	Tucson	. 004	CATORS ASCREE		Gloucester Haddonfield	609 609	Pottsville	***	717
	ARKANSAS		Leavenworth	913	Haddon Heights	609	Scranton		717
	Hot Springs	. 501	Topeka Wichita	913 316	I Jersey City	201	Uniontown		412
	Hot Springs Little Rock	. 501	VY ELLERGO ST. L.	010	Laurel Springs	609	Warren		814
	ALIMANINA.		KENTUCKY		Marlton	609	Washington		412
	CALIFORNIA	- Andr	Louisville	502	Merchantville	609	Wilkes-Barre	• • • •	717
	Bakersfield	. 805 . 707		606	Moorestown	609 201	RHODE ISLAND		
	Fort Bragg Fresno		·	· I	Newark New Brunswick	201	Narragansett		401
	Los Angeles		wat de tate of all a		Paterson	201	Providence		401
	Monterey	. AOR	Lake Charles		Princeton	609			
	Sacramento	. 916		504	Runnemede	609	SOUTH CAROLINA		
	San Diego	. 714	MAINE		Trenton	609	Celumbia		803
	San Francisco	. 415	Portland	207	Woodbury	609	Spartanburg		803
	COLORADO		LOIMAINI ,	201	NEW MEXICO	- '	SOUTH DAKOTA		
	Colorado Springs	. 303	MARYLAND		Albuquerque	505	Madison		605
	Denver			301	Las Vegas	505	Sioux Falls		605
	2502101 11111111111111111111111111111111		Baltimore	801	Santa Fe	505		,	
	CONNECTICUT		Cumberland		NEW YORK		TENNESSEE		
	All points	. 203	Elkton	301	Albany	518	Chattanooga		615
			Hagerstown		Binghamton	607	Memphis Nashville	• • • •	90I
	DELAWARE	ano.	Salisbury	301	Champlain	518	14danvine		615
	Delaware City				Elmira	607	TEXAS "		
	Hockessin		Roston	617	Hempstead	516	Abilene		915
	Holly Oak		Falmouth	~ 617	Mt. Vernon New York	914 212	Amarillo		806
	Middletown	302	Framingham	617	Niagara Falls	716	Austin		512
	Newark			418	Nyack	914	Dallas		214 713
	New Castle			617	Riverhead	516	Galveston Fort Worth	• • • •	817
	Newport		MICHIGAN		Rochester	716	Houston		713
	Seaford	. 302	Pottle Creek	616	Schenectady	518	San Antonio		512
	Wilmington	. 302	Detroit		Syracuse	315			
	DISTRICT OF COLUMBIA		Flint		Troy	518 315	UTAH		
	Washington	202	Grand Rapids	616	Utica White Plains	914	Ogden	• • • •	801
		. 400	Lensing	517	NORTH CAROLINA		Salt Lake City		801
	FLORIDA		MINNESOTA		Charlotte	704	VIRGINIA		
	Fort Lauderdale		Duluth	218	Greenville	919	Norfolk		703
	Fort Myers		Minneapolis		Rocky Mount	919	Richmond		703
	Jacksonville		Rochester		NORTH DAKOTA		Roanoke Staunton		703 703
	Key West		Ct. David		Fargo	701			705
٠	Miami Winter Haven				OHIO	,	WASHINGTON		
	William Martell	310	MISSISSIPPI		Akron	216	Seattle		206
7	GEORGIA		Biloxi		Canton	216			509
	Atlanta	404	Gulfport	601	Cincinnati		WEST VIRGINIA		
	Brunswick	. 912	MISSOURI		Cleveland	216	Wheeling		304
	IDAHO		Kansas City	816	Columbus	614	WISCONSIN		
	Idaho Falis	208		314	Dayton	513			m4 #
	Twin Falls	208		417	Marietta Steubenville	614	Eau Claire Madison		715 608
	I WILL POLIS	. 200	<b>∤</b>		Youngstown	614 216	Milwaukee	• • • •	414
	ILLINOIS		NEBRASKA		Zanesville	614			W
	Belleville	618	Grand Island		OKLAHOMA		CANADA		
	Champaign		Lincoln		Oklahoma City	405	Calgary		403
	Chicago			402	Tulsa	918	Halifax Montreal		902 514
	La Salle				OREGON	}	North Bay	• • • • •	705
	Peoria	. 309	Elko	702	Klamath Falls	508	Ottawa		613
	INDIANA		Reno	702	Portland	503	Quebec		418
	Elkhart	219	NEW HAMPSHIRE		Salem	503	Regina		306
	Gary	219		أممما	PENNSYLVANIA		Toronto		416
	Indianapolis	317	Concord Laconia	603 603	Altoona	814	Trois Riviers		819
	South Bend	219		603	Bellefonte	814	Vancouver Windsor		604 519
	Vincennes		Portsmouth	603			Winnipeg		204
		- '	<ul> <li>A second s</li></ul>	4 4 1					

NOTE: The second figure of the Area Code is always the figure "0" (zero) or the figure "1". Be careful not to confuse these figures with the letters "0" or "1" when dialing.