

# Holmesburg

# Amateur Radio Club

# Newsletter



VOL. II - IX

146.685 MHZ

Prez Sez

Progress is our most important product and according to last reports the NE Link is very close to completion. We have all been waiting and that includes our technical committee as well, waiting for Murphys Law to cease working long enough to complete this project. It all seems to be moving to a finished product. Details are now all that is holding the project from being installed down at the U of P site.

You can go on a tour of the Philadelphia Naval Shipyard on June 5 th. There are seats for forty HARC members (only). You must get on the list by contacting Harvey K3YLL. Deadline is WEDNESDAY June 2. A list of five standbys will be taken as well. You should be ready to board the bus at twelve noon outside the Main Gate on South Broad Street. There is public parking available at that location.

June 6 th business meeting will be held at the Landmark Inn in Maple Shade, N.J., junction of Rt. 73 and 38. We will have several guests from Bell Telephone there to review Deregulation, Mobile Radio at 800 Mhz., and what they are doing now that they will not be doing this time next year. Sound interesting? If you haven't been to a meeting come on out and say hello. Meeting schedule will follow as: 10:00 to 10:45 business meeting, 10:45 to 11:00 break, 11:00 to 11:45 Guest program. See you then. I'd like to say to N3CMD it has been nice to have you as a member of HARC. Pleasant wishes to you and your family. Julian will return to KH6 land at the end of this month. Keep in touch.

73, Tony  
K 3 U K W

The Holmesburg Newsletter is a publication of the Holmesburg Amateur Radio Club Philadelphia Penna. and is published monthly.

SUBSCRIPTION RATE - \$3.00 PER YEAR

We will exchange publications with any other club .  
Anything published in the newsletter maybe reprinted as long as the proper credit is given.

SWAP COLUMN \*\* NO CHARGE

DEADLINE FOR ARTICLES IS THE 15th OF THE MONTH

EDITOR:

RICH ALBERT K3HIN  
11219 HALSTEAD ST.  
PHILA. PA. 19116  
215-698-8036

ASST. EDITOR:

BRUNELL JONES  
1525 E. TULPENOCKEN ST.  
PHILADELPHIA PA. 19138

PRINTER:

MIKE DAMROTH W3HEE  
829 MILMAR RD.  
NEWTOWN SQ, PA. 19073

TYPIST:

SUE ALBERT

CLUB HISTORIAN:

EDITH ROSNER W3AAU  
645 ARTWOOD DRIVE  
PHILA. PA. 19115

The net meets Wed.Nights 8:00 P.M.

Dear Fellow Amateur:

On June 13 thru 17 the PHIL-MONT MOBILE RADIO CLUB is going to "host" the Amateur Radio Portion of the IEEE Conference (The Institute of Electrical and Electronics Engineers, Inc.) which, this year, is being held at the Franklin Plaza Hotel, 17th & Race Sts., Phila., Pa. This is a gala affair with over 1500 Engineers from all over the world expected to attend. The Conference "theme" this year is "THE DIGITAL REVOLUTION". We at PHIL-MONT look forward to hosting the Amateur Rad'io Portion of the Conference and would like your cooperation in several ways to help us to get a good attendance of our fellow amateurs, as well as let the world know that the Delaware Valley Tri-State Area is indeed one of the finest and most active hubs in the Amateur Radio World. Here's how you can help us:

1. Be a part of our presentation, if you have the talent, by contacting the writer or W3AWH, our Chairman. We are always looking for good ideas and fresh approaches to anything interesting in Amateur Radio.
2. Come on down to the Conference and be a part of the Observing Group.
3. Put this letter in your local club newspaper or publication and invite your membership to "pass the word".
4. Send a note to the ARRL and let them know that your club anticipates participation as well as invites the local Amateurs to join the parade of Amateurs that will be at the Conference.
5. Mention the theme in your meetings and keep mentioning it until the week prior to meeting. This Amateur Radio Session will be on Monday, June 14th from 7:00 P.M. to 10:00 P.M. We at the PHIL-MONT will be always willing to reciprocate at anytime for events you or your Club might be sponsoring.

73, J.S. Kovalchek, Publicity Chairman

\* \* \*

June Calendar

- 5 th - U.S. Naval Shipyard Tour, Courtesy N3CmD. Room for forty HARC members. Meet at Main Gate, end of South Broad Street. Public parking lot there. Be ready to board bus at Twelve Noon. Tour will last roughly two hours. Contact Harvey, K3YLL. ( sorry due to space limitation no xyl's or children.)
- 6 th - HARC Business meeting at Landmark Inn, Rt's 73 & 38. Maple Shade, N.J. 8:30 am breakfast and 10:00 am meeting.
- 12, 13- ARRL June VHF Contest, QSO Party.
- 17-21 - Welcome the TALL SHIPS of the World. Thirty five tall ships sail in stately procession on June 17. This water born spectacle culminates the World Famed International Sail Training Tall Ships Race competing in 1982 from Venezuela to the Delaware Bay. June 18....The sailing cadets will march in formal parade from Penns Landing to Independence Hall to be honored for their accomplishments. Walter Cronkite serves as the Tall Ships Honorary Commodore. All Tall Ships will be open to visitors during their stay here.
- 19-20 - SMIRK Contest and All ASIAN Contest this weekend.
- 22nd - WIAW Qualifying Run.
- 25,27- Democratic Convention, Conference. Midterm convening of delegates to discuss the future policies of the Democratic National Party, Philadelphia Civic Center.
- 26,27 - ARRL Field Day.
- 13,17 - IEEE Conference, Franklin Plaza Hotel  
Amateur Radio Session, June 14 th from 7:00 to 10:00 P.M.
- Harc net meets on our repeater at 8:00 PM local time, Wednesdays. N2BVA, Jim, is net control station. Check in and find out whats hot.

-----  
CG DX DE KB3TN

VK2BJL and crew operated from Mellish Reef for a week and will operate from Willis Island for one week. QSL to VK2BJL.

-----  
Three stations are now active from GUINEA including 3X1Z, 3X3JA, 3X3DX. D68AM & D68AAB are now active on 15 meters.

-----  
DF8MP has been operating from BURMA and the rumor has it that he might be 100 % legally licensed.

-----  
TU2JD is active on weekends on 14,206.00 at 23:00 Z

-----  
Check 21,345.00 at 23:00 Zulu for SWIDG

-----  
F6ARI will be operating station G3DVE from Andorra 10-160 meters SSB-CW. QSL via F6ARI. He will operate from 17-29 May.

-----  
ZD9BV shows up everyday on 28,596.00 at 17:30 Zulu. QSL via W4FRU.

73's and gud DX de KB3TN, Bruce. NOTE: Bruce has informed me that his subscription to the DX Bulletin has expired and will not be able to continue to write this colum for us. He is planning to sell his equipment because he is planning to buy about eight acres of land near the Lehigh Valley Tunnel area off the Pa. Turnpike. for future DXX operating position. If your looking for a Collins station give him a call or drop him a Postcard in the mail. Callbook address KA3BLP, old call. Bruce it sounds like a good plan and we wish you much success in your plan.

Why the delta feed system didn't work for both units I still don't know and to be frank... I don't care. It works now and that's all that counts. Nuts to you, Murphy! After testing each unit as described, both were harnessed together and the SWR test re-run. 1.2:1 again!! Hooray. It really works. Now I know that being 10 feet above ground doesn't mean the beam will give the same SWR at roof top but it was a start. I also tried laying the 5x5 on its back pointing skyward and the SWR held okay. Trying 146.100 was fine too, for reflected power. Turning the beam on the pole and feeding it with the Kenwood 2400 handi showed me some good gain factors and selectivity too. I honestly felt like I struck it rich. You just don't know the feeling (maybe some do) of doing something you never thought you could, and it works.

All the hardware was tightened securely and those IF cans mounted with permanently fitted SO-239 connectors for the harness. Oh rats, I forgot something. All those elements with open ends will be humming our favorite tunes when the wind blows. No rubber plugs in the junk box and it would be an insult to have to buy some. Bondo! You know, that stuff they sell for repairing holes in your car. It mixes in paste form and hardens in no time to a hard, waterproof surface. So each and every opening was "Bondod" as well as the IF cans and gamma feed tubing. The material sets in a very short time and the tests were run again with the same results.

Field day '81 was an opportunity to try the 5X5 beam. We were operating in Pennypack Park and had the beam up about 18'. It worked just fine. On simplex with another ham in Frankford, who had an S meter on his rig we could actually almost drop out when operating off the edge of the beam. As the beam turned through his direction he stated that his meter went from almost nothing through full scale and down again. We were running approximately 5 watts throughout the contact. The final proof to me came when I dialed up 146.640 and nailed Bangor.Pa. like gang busters, without a whisper into Pine Grove. I'm ashamed to say the beam isn't atop my tower yet. It should be, but who wants to work on antennas when the weather is nice? Besides wouldn't it be great to make another pair and stack all four together. Just never happy are we?????????

So now you've read the saga of the 5X5 on 2. I'm kind of proud of it mainly because I didn't think I could do it. For those of you who think you can't do it .....Forget It! You can go get 'em Tiger.

73 Dick WB3EYV

\*\*\*\*\*

(ONE OF THE BEST ARTICLES I HAVE EVER  
READ) EDITOR

## NETWORK NEWS

Amateur radio networks exist for a great number of reasons. There are nets to discuss specialized technical aspects of our hobby and there are nets to prepare us for operation during times of civil emergency. There are nets to soothe the insomniac and nets to venerate the ancient and sagacious among us. There are nets to rescue the ex CB operators from the jargon of "good buddy" and elevate them to the mysteries of such things as the "Golden Bagel Award".

What then is the purpose and category of the six eight five net?

We are gathered together in the presence of those assembled on the frequency and in earshot of the Banana Heads listening for a little bit of all the foregoing reasons. The drive of greed and the quest for victory over our fellow man are satisfied by the swap shop portion of the net.

The urge of man to assemble in hierarchies of power is fulfilled by the reports from the HARC officers. It is good to be on a first name basis with the powerful -- Hi Tony.

We bask in the achievements of our Technical Committee reports, somehow we all, for the moment, believe we understand the behavior of all those crazy electrons dashing about in our repeater and shine in the reflected blaze of glory emitted when the Committee kills the evil Spur.

It is good to lurk in the dark areas of silence when K3YLL calls for volunteers for a project then bursting forth at the last moment to be recognized as the savior of the club reputation.

We are aroused to great stagnation by tales of threats to our frequencies as reported in the League Bulletins and from the W5YI report. We often phantasize that we actually understand and use the propagation forecasts.

The final achievement is fulfilled in the general comments portion of the net when all on frequency hang on every word we transmit.

You can now see why the HARC six eight five net is needed for the greater good of all humanity. Can you imagine the crush of wretches at the mental health clinics of Delaware Valley if we could not satisfy these basic drives of mankind at least once a week. Even the poor BANANA HEAD is given an outlet for his creative drives.

Join us on six eight five every Wednesday at eight in the evening and save your sanity by having fun with the rest of us.

See you on six eight five .. Jim .. N2BVA .. VA CL

## THE YL CORNER

While living in W6 land, Edith Rosner was visited by her sister Shirley, W3VNN who impressed Edith with her accomplishments via ham radio. Shirley was having frequent QSO's with her OM Herman, W3HTF/W3HT (now a silent key) from California to Philadelphia. It wasn't long before the "bug" bit Edith and she was attending classes at the Santa Monica Tech school. Upon her return to Philadelphia she obtained her Novice license and went on to get her General in 1955 to become W3AAU.

We remember Edith as a participant in the communications of the Powder Puff Derby, operating station K3UN during United Nations Week for four consecutive years, being NCS at Fairmount Park during a Boy Scout Jamboree keeping lines open between that Camperall and the one taking place in Colorado, and being part of the Civilian Defense Drills with other amateurs on weekends when the Red Cross facilities were not operating.

She broke through the sound barrier when she became the only female member of the Short Skip Radio Club. The club disbanded in 1960 but we like to think of Edith as a pioneer. She has been a member of Y.L.R.L, A.R.R.L and the Penn-Jersey Y.L. Radio Club for over 25 years. A charter member of the Penn-Jersey Y.L. group she has held all offices. As a charter member of K3UIB, the station located on the Naval Aviation Supply Office compound, Edith was sad to leave her activities there when she retired from that government agency in 1974. She is also a member of the Chaverim of Delaware Valley. Her article on operating station K3BSA (Boy Scouts of America) at the Jamboree was carried by QST and she edited a Penn-Jersey Y.L. newsletter, "QRV".

Edith likes to recall the days when 10 meters was the doorway to DX from her car. Her primary interest is aiding in public affairs and civilian defense. Her activities on the air are being heard on 80 thru 10, thoroughly enjoying her two meter activity with her HT.

As a member of HARC she has participated in many of their activities, but admits to her greatest delight ----- reading the mail on .685!

An ardent traveler, the next time you see Edith inquire about her trip to Kenya. That is one lion of a tail.

Sylvia, W3SLF

# BUY - SELL - TRADE

# JOB ASSISTANCE

This service is provided free to HARC members. The club assumes no responsibility for the condition of any equipment offered. Space is provided on a first come basis. All insertions must be received by the editor of this column not later than the 5th of the month the HARC Newsletter is scheduled for publication. The editor reserves the right to reject or revise any ad that in his opinion may bring discredit to the publication and/or HARC. Submit items to W.B. Soble, W3QXT by mail to 9357 Hoff Street, Phila. Pa., 19115. Please advise if your insertion produced successful results.

SALE: Drake receiver 2C with Q Multiplier and speaker, \$190.00; HA 460 6 mtr. AM Xcvr with mobile antenna, \$75.00. WA3IFY JAY 289-4531

SELL: MURCH 2 KW transmatch; Archer RF Wattmeter; National NCX-C H.F. XCVR 80 thru 10; Exhibitor Model Vibroplex bug. N2BCZ, 609-783-3577. AFTER 7 P.M.

TRADE: Barker & Williamson TR switch self contained pwr supply; WRL 300 watt linear amplifier w/adj. bias. Will function in class AB1 or C mode. Self contained pwr supply, 80 thru 6 meters. (6 meters needs adjustm'nt) N2BVA JIM 609-784-7935

SELL: Full year (12 issues) 1935 RADIO magazine. Most in xlnt cond. Make offer. W3QXT BILL 676-6769

SELL: Mini Quad with extra fittings. K3AIJ TOM 331-5185

SELL: DRAKE C Line T4XC, R4C, AC4, MS4, 500 KC filter and 4 optional xtals; 3 for S.W., and one for CB. \$600.00 WA3WPP HARRY 627-1699 / 243-8112

SELL: ICOM 245/SSB with matching AC power supply. Vy good condition. \$300.00 for the set. - KENWOOD 520 SE HF XCVR with matching antenna tuner AT-200 and MC-50 desk mike. Like new condition. \$600.00. N3CTB (ex WB3EBU) ED 676-4417 AFTER 6:00 PM ONLY

SELL: TEMPO ONE (Yaesu FT200) XCVR. 10 - 80 meters. Complete with manual, compilation of users notes, spkr/AC pwr supply D-105 Mike, and 2 spare final tubes. \$350. Clean condition. W3QXT BILL 676-6769

WANTED: Ideas that can be developed into revenue producing ventures for HARC.\*

WANTED: Listings of job vacancies that our membership may be aware of.\*

\* Contact editor of this column.

WANTED: Versatile 10 meter mobile transceiver, AM, FM, SSB complete with mike. Good condition only. W3SLF SYLVIA 676-6769

SELL: Remington Std. Manual typewriter 11" roller. Clean cond. \$25.00. - 6 v.d.c. 300 MA wall chargers/adapters, \$1.00 ea. New. - Hallicrafter & National SW rcvrs. \$25.00 each. W3QXT 676-6769

Well it's that time again, and I've been listening (little brother), and here is what I have learned.

Dick, WB3EVY finally got his chance to see how the other half do their boating... He was involved in the noteworthy landing of the QE 2. I wonder if Dick has considered trading in his little putt-putt, all his camera equipment, ham gear, and house, for a piece of the queen.

Well, on the technical side, Burnell, WB3EEI was heard the other day, operating on the ICOM 255A he dusted off with a new antenna he designed. It is a three wavelength vertical that is supposed to have 9db of gain over a dipole. Sounds good, Burnell.

A lot of guys in the club have vacated the "low frequency" 2 meter band for the world of 70 cm (440 MHz). Among the group are Bob, KB3SM, Ron, WB3BDC, Tom, K3AIJ.

On Sunday, May 2, HARC members took to the 685 repeater to render another public service to the community. HARC members provided communications for the March-of Dimes Superwalk. They were stationed at rest areas, aboard ambulances, and at the net control station at the Judge Lewis Quadrangle at 5th & Market Streets. The participants were as follows:

WA3AOP, Rich; WA3HTW, Bob; K3OAO, Neil; WB3CRT, Jim-net control stations; W3BMA, Dick; WB3IRE, Herb; WB3BKW, Jay; WB3AHM, Ken; WB3IRD, Bob; KB3SM, Bob; WB3EVY, Dick; KA3GEK, Joe; KA3IJP, Howard; KE3V, Steve; K3HIN; KA3GIS, Smitty. (If I've left anyone out, excuse me.)

This was another excellent public service event, and several emergency situations were taken care of during the event. I should mention that Scotty, WB3EFB had to leave the event due to illness. Hope you're all ok now, Scotty.

On May 15th, HARC will have another opportunity to demonstrate its skills in emergency activities, during Epex 82, which will simulate an airplane crash International airport. This will be another great demonstration of the value of amateur radio.

Hat's off to the Technical Committee, KB3SM, K2XE, KE3U, WB3BYM, WB3BDC. They've had their hands full for the last month.

Not only have they been working to get the Northeast input in operation, but they have had to trouble shoot "spur" problems in the MICOR repeater which had to be removed from the U. of P. site. Luckily, the old machine could be thrown back together as a back-up unit while repairs are made to the MICOR.

The northeast input system components, meanwhile have been undergoing tests at the northeast site and WB3BYM'S QTH, so that the reinstallation of the MICOR can be done at the same time the Northeast input link is installed and interfaced at the main site. From this writer and all of the members of the club, our thanks to the Tech. committee.



H.A.R.C. Membership Survey

To: ALL H.A.R.C. Members

JULIAN L BERNOFF K3MSV  
4944 WHITAKER AVE  
PHILADELPHIA PA 19124

From: K3MSV (Jules)

Subject: "Who's Who in the H.A.R.C."

How many times during a QSO with a club member (or other Ham) have you asked yourself some of the following questions ? " I wonder what this guy does for a living ? What other hobbies does he have ? Is he a photography nut ? Does he like to go fishing ? Is he any good at growing tomatoes ? Can he tell me where to get my watch fixed ? Is he an expert on car problems and the repair of same ? Has he read any good books lately ?" Etc. etc. etc. ....you get the idea ! Of course, we don't want to pry into your private life if you don't want us to....we only want information that you are willing to give voluntarily that may be of help to a fellow ham or club member. If you are willing to complete this information survey, do so as soon as possible and mail it to K3MSV at the above address. He will compile all the data into a booklet called: "Who's Who in HARC" and each memembr will receive a copy ! So.....stop asking for signal reports and start enjoying 146.685 more and more - - - complete this form and get it in the mail today !

**CUT HERE ↓**

-----

Name: \_\_\_\_\_ Call: \_\_\_\_\_

Address \_\_\_\_\_ Telephone: (       ) \_\_\_\_\_

Is it OK to call you on the landline ? \_\_\_\_\_ If yes, what is the best time to call ? \_\_\_\_\_.

Your occupation: (1) \_\_\_\_\_

(2) \_\_\_\_\_

Your hobbies (other than Ham Radio) (1) \_\_\_\_\_

(2) \_\_\_\_\_

Your areas of expertise \_\_\_\_\_

\_\_\_\_\_

Other important facts about YOU \_\_\_\_\_

\_\_\_\_\_

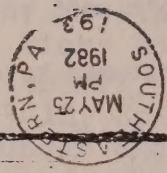
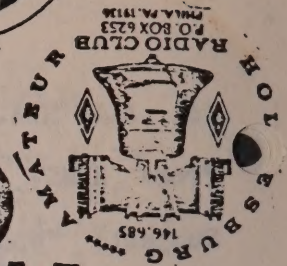
# Newletter

FIRST CLASS MAIL

W3AAU

Ms. Edith Rosner  
645 Artwood Drive  
Philadelphia, PA 19115

Holmesburg  
Amateur  
Radio  
Club



HOLMESBURG AMATEUR  
RADIO CLUB  
P. O. BOX 6253  
PHILADELPHIA, PA 19136

## Notice

### Information:

146.76- diagonal line 160 repeater has been sold to a group of hams. The address is Lower Bucks Repeater Association, Inc. P.O. Box 172 Richboro PA 18954 Yearly dues are \$15.

Keep up with all the news, check in 146.685 Wednesday at 8:00 .  
You will be glad you did.