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HOLMESBURG AMATEUR RADIO CLUB, INC.

(a non-profit corporation)

P.O. BOX 6253 ~ PHILADELPHIA, PA. 19136

(Affiliated with the West Link Radio Network, Inc.)



FIRST CLASS MAIL

Personal For:

AAU EDITH ROSNER
W3AAU
645 ARTWOOD DRIVE
PHILA. PA. 19115



NEWSLETTER

JAN.

1985

The Newsletter is a publication of the Holmesburg Amateur Radio Club, Inc. Anything that is printed in this paper may be reprinted providing the proper credit is given.

Deadline for Articles: Delivered to the P.O.Box 6253 address by the 15th of each month. You may send directly to the Editor at 585 Kismet Road, Phila. PA 19115.

Editor reserves the right to edit, reject, reduce, etc. all items to be published. WE WELCOME YOUR INPUT!!

SUBSCRIPTION RATE: \$3.00 per year "BUY/SELL/TRADE/ETC.": FREE

1985 CLUB OFFICERS AND TRUSTEES

| | | | |
|------------|-----------------------|-----------------|------------------------------------------------------------------|
| PRESIDENT: | K3UKW Tony Musero | 1 Year Trustee: | WA3OQR Charlie Zeager |
| VICE-PRES: | WA3IJZ Joe Pearlstein | 2 Year Trustee: | KB3SM Bob Brocklehurst |
| TREASURER: | WA3IFY Jay Kuperman | 3 Year Trustee: | W3AAU Edith Rosner |
| SECRETARY: | K3HIN Richie Albert | Club Historian: | W3AAU Edith Rosner 645 Artwood Drive Philadelphia PA 19115 |

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NEWSLETTER

FEBRUARY CALENDAR

- Feb. 2-3: Southeast Convention- Miami, Florida - a nice Hamfest if you can attend!
 - Feb. 3: HARC GENERAL MEETING
8th Police District Hdqtrs.
Red Lion & Academy - 10 a.m.
 - Feb. 10: W1AW Qualifying Run - CW
 - Feb. 16-17: International DX Contest- CW. A great opportunity to work some new countries
 - Feb. 20: W1AW Qualifying Run - CW
 - Feb. 24: HAMFEST... Vienna, VA
- KEEP AN EAR OPEN FOR HARCLINE ANNOUNCEMENTS EVERY DAY AT 5:30 p.m.

HARC BUSINESS & GENERAL MEETINGS

| | |
|------------|-----------------|
| February 3 | August - none |
| March 3 | September 8 |
| April 14 | October 6 |
| May 5 | November 3 |
| June 2 | December 1 |
| July-none | January 5, 1986 |

H.A.R.C. STAFF

Editor in Chief, Copy Boy & Nag to delinquent contributors
..... Mark Rothstein, KG3JV

Circulation & Typing.... Claire Kuperman, KA3DNJ

Advertising Mavin.. Jay Kuperman,
WA3IFY

THE PREZ SEZ

Best of the New Year to all of you. In case you didn't vote a new slate of Officers took office at the January meeting. They are:

- President: Tony Musero, K3UKW
- Vice-Pres: Joe Pearlstein, WA3IJZ
- Secretary: Rich Albert, K3HIN
- Treasurer: Jay Kuperman, WA3IFY
- Trustee: Charles Zeager, WA3OQR
- Trustee: Edith Rosner, W3AAU
- Trustee: Bob Brocklhurst, KB3SM

We will attempt to provide a series of activities in your best interest, but you will have to participate to make it worthwhile. We have been elected to handle the decisions and business of the club.. we hope that you will become involved and join in with the general membership meetings. If you would like to voice your opinion drop me a note so that I can address your point of view.

Before closing, I would like to thank KR1M, Steve Sosson and his administration for service over the last year.

Thank you,
Tony, K3UKW

THIS MONTH IN THE HARC NEWSLETTER

| <u>PAGE</u> | <u>SUBJECT</u> |
|-------------|---------------------------------------------------|
| | The Prez Sez Tony, K3UKW & HARC Business Meetings |
| | February Event Calendar |
| | Computer Corner Rich, K3HIN |
| | Electronic Bulletin Boards Sandy, KF3D |
| | MARCO Ben, WD8RYV |

See last page for last chance to send the moolah, sheckels or just plain \$\$\$\$ for the gala HARC BANQUET!!!

ELECTION RESULTS

PRESIDENT: TONY MUSERO, K3UKW
 VICE-PRES: JOE PEARLSTEIN, WA3IJZ
 TREASURER: JAY KUPERMAN, WA3IFY
 SECRETARY: RICH ALBERT, K3HIN
 3 YEAR TRUSTEE: EDITH ROSNER, W3AAU
 2 YEAR TRUSTEE: BOB BROCKLEHURST, KB3SM
 1 YEAR TRUSTEE: CHUCK ZEAGER, WA3OQR

 GENERAL MEETING OF
 JANUARY 6, 1985

After the minutes of the last meeting were read and the treasurers' report given, the membership chairman reported that we have 104 signed up for 1985 thus far. Dues are coming in slowly and we are hoping to reach a goal of at least 200 members this year. Those of you that have not renewed, please send in your dues to Jay Kuperman, 1934 Devereaux Av. Phila. PA 19149. Lou Shore, Banquet Committee Chrmn. reported that money for the banquet is coming in very slowly. Our banquet will be held on March 2, 1985 at the Hilton in Trevese and we hope to see as many of our members there as possible.

Many of you may not know that H.A.R.C. is hoping to become a V.E.C. liason in this area. If you would like to become a volunteer examiner please contact Stu Kravitz, K3GA. Stu is chairman of the VEC committee and wants as many volunteers as possible to be available.

It was also decided that HARCLINE would be heard at 5:30 p.m. every day except Saturday and Sundays and not on holidays. Be sure to listen!

Claire Kuperman,
 KA3DNJ

COMPUTER CORNER

 BY RICH K3HIN

This month I am going to write about the console unit of the computer (keyboard). I will also throw in some term names and what they stand for. In going out to purchase a computer try to get one with at least 16K of Byte. In the RAM this is plenty to start with. Ok, now he said he wasn't going to talk computerese but there he goes!!! so lets see what the words mean.

BYTE- a string of binary digits (bits) treated as a unit, often representing one character. The computers memory capacity is often expressed by the number of bytes available. For example, a computer with the 16K bytes of memory has about 16,000 bytes available for storing programs and data.

RAM- random access memory; the main memory where program statements and data can be temporarily stored during program execution. New programs and data can be read in, accessed, and changed in RAM. Data stored in RAM is erased whenever the power is turned off of BASIC.

I hope this will help some in the understanding of the meanings, because there are several companies that are giving out deals such as printer, disk drives, etc. for a cheap price but very little ram. Then you have to go out and buy different programs, such as memory expansion, etc.

The main reason I purchased the TI is because of the Ram size per dollar was good, Just remember look around before you plunk those hard earned bucks down, and just because your buddy has a yougotit, don't buy for that reason also.

In summing up there are a lot of computer nuts in this club, go around and see how some of the units compare in operation.

73s and see you next month.

Rich

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| BOOT HILL..... | 436-8311 |
| BUCKS TELEMATICS..... | 752-8996 |
| CHELTENHAM..... | 836-5116 |
| CITADEL ADVENTURE..... | 638-1176 |
| COMMODORE BBS..... | 476-1849 |
| CONFERENCE TREE..... | 951-2977 |
| CRACKER'S CORNER..... | 947-4512 |
| CRAZY-NET..... | 265-7951 |
| DATANET 1200..... | 563-9815 |
| DELCO..... | 734-2106 |
| DRUCOM..... | 855-3809 |
| DUNJON-80..... | 885-0636 |
| EPSON BBS..... | 788-5614 |
| FORTH SOURCE..... | 357-8119 |
| GARDEN WORKS..... | 276-5177 |
| GRAND PRIX..... | 256-6336 |
| LATE NIGHT..... | 387-3431 |
| MAGICOMP..... | 473-2360 |
| MEGA-BOARD..... | 275-7141 |
| PECO..... | 631-5084 |
| PC WORLD..... | 465-2278 |
| THE SEARCH SYSTEM..... | 659-3562 |
| SYSTEM TWO..... | 542-8991 |
| THIEVES GUILD I..... | 269-2108 |
| THIEVES GUILD II..... | 269-6537 |
| TURBO ATARI..... | 265-4127 |
| VALLEY FORGE 80..... | 783-0291 |
| VIDEO ACE..... | 446-7670 |

ADDITIONS, DELETIONS OR CORRECTIONS

MAY BE ENTERED VIA COMMAND [C]. THE

| | |
|--------------------------|--------------|
| APPLE CRACKERS | 614-475-9791 |
| APPLE CRACKERS..... | 512-623-6123 |
| APPLE-MATE | 201-864-5345 |
| ATLANTA..... | 404-929-0800 |
| AUGUSTA..... | 404-733-3461 |
| AURORA | 303-343-8401 |
| B.A.T.S. | 215-688-4933 |
| BOB'S BOARD..... | 215-446-7670 |
| BOOT HILL..... | 215-436-8311 |
| C.A.M.M.S. II..... | 217-429-4738 |
| COIN GAMES..... | 213-336-5535 |
| COMPUSHOP FWA | 817-261-4700 |
| EMPIRE..... | 904-784-0342 |
| FUTURE WORLD..... | 313-981-6150 |
| GANGER..... | 215-791-5537 |
| GAS-NET..... | 301-334-9156 |
| GATEWAY..... | 313-968-2645 |
| GILLIGAN'S ISLAND..... | 215-348-3369 |
| HACKER'S HEAVEN..... | 609-428-8330 |
| HERMES (TRS)..... | 215-434-3998 |
| INCUBUS | 609-881-0969 |
| JOKE BYTES..... | 609-625-7122 |
| K.A.O.S. | 215-465-3593 |
| LIZARD PALACE..... | 201-528-6964 |
| LYNX..... | 305-772-1076 |
| M.S.L..... | 414-377-3878 |
| MAGIC KINGDOM..... | 318-989-8537 |
| MEGABYTE..... | 215-673-6425 |
| MIAMI BIG APPLE | 305-948-8000 |
| MICRO-SYS | 707-528-3462 |
| NEONEMESIS..... | 208-524-0386 |
| N.A.G.S. | 618-466-9497 |
| N.E.M.S. II..... | 617-891-1349 |
| PARTS UNKNOWN..... | 612-358-4074 |
| PAT 80..... | 212-991-1664 |
| PIRATE'S BAY..... | 415-775-2384 |
| PIRATE'S COVE..... | 516-698-4008 |
| PIRATE'S PLANTATION..... | 704-253-6122 |
| PIRATE'S TROVE..... | 703-644-1665 |
| RATS NEST..... | 609-261-5498 |
| SHERLOCK'S HOME..... | 201-766-9643 |
| SKULL ISLAND..... | 203-972-1685 |
| SOURCE JR..... | 203-966-5650 |
| SOUTH POLE..... | 217-875-5579 |
| SPACE AGE | 314-821-5826 |
| STAR CITY..... | 703-342-1800 |
| T.I.E.S..... | 609-228-1149 |
| TEXAS | 817-261-4700 |
| THE ALLIANCE..... | 206-687-5460 |
| THE ASYLUM..... | 618-692-0742 |
| THE BEACH..... | 201-892-8172 |
| THE CONNECTION..... | 215-644-8972 |
| THE ASYLUM..... | 618-692-0742 |
| THE GREMLIN'S LAIR..... | 201-536-7794 |
| THE LABYRINTH..... | 215-862-5403 |
| THE PIT..... | 718-886-5035 |

MARCO

Many listeners to the HARC repeater have heard oblique references to the MARCO nets and were curious about this organization. This article will outline the purpose, structure, and operations of the Medical Amateur Radio Council (MARCO).

The purpose of MARCO is clearly defined in the organization's operating manual: " The purpose of MARCO is to promote good will and fellowship among amateur radio operators, worldwide, who are professionals in the healing arts, or who have an interest in the various medical , dental, and allied fields which constitute the healing arts. On-the-air network operation is considered an integral part of MARCO activity, and is conducted for the purpose of discussing and exchanging medical and technical information, and, wherever possible, to be of public service by assisting medical emergencies and other priority traffic."

MARCO was founded in 1965 in New York City by a group of physicians and dentists interested in forming a medically oriented amateur radio operator's organization. The original membership of 95 has grown to over 570 physicians, dentists veterinarians, and related medical personnel. There are more than 35 types of medical specialists included in the MARCO membership.

Besides the daily and weekly nets, the organization publishes a monthly newsletter. The newsletter includes articles on antenna theory, reports on Third World Missionary/ Medical efforts, the effects of RF on pacemakers, and other timely topics.

The net schedule is shown below. Most popular are the 40 meter daily nets and the Sunday Medical Grand Rounds of the Air. All interested amateurs are invited to participate in the nets merely by checking in.

-----MARCO NET SCHEDULE-----

| TIME - UTC | DAYS | FREQ. | NOTES |
|------------|-----------------------|-------|--------------------------------------|
| 0200 | Mon,Tues,Thur,Fri,Sat | 7229 | Regular 40 Meter net |
| 0230 | Wednesday | 7229 | Regular 40 Meter net |
| 0400 | Sunday | 7230 | Late-night 40 Meter net |
| 0200 | Wednesday | 7229 | Directors Meeting on the air |
| 2000 | Sunday | 14280 | Listening for DX members |
| 0100 | Wednesday | 7060 | CW net W4UVS net control |
| 1515 | Sunday | 14308 | Medical Grand Rounds of the air |
| 1530 | Sunday | 7229 | Look for Grand Rounds if not on 20 M |
| Anytime | Anyday | 7229 | Insomnia Net-Call, someone may be on |

-----MARCO NET SCHEDULE-----

There are five classes of membership - one is likely to satisfy the needs, interests, and pocketbook of interested hams. If you have any questions or would like to apply for membership, please write the secretary: Dr. William L. Sprague, WA6CRN 433 North 4th St., Montebello, CA 90640. Or, just ask one of the MARCO members on the repeater.

See you on the net!

Benjamin Krevsky
WD8RYV



REPEATER UPDATE

Just before Christmas the repeater started playing its games and 'dropping' out when it felt like it and not responding to an incoming signal when it was inactive.

After a few unsuccessful attempts to repair the transmitter at the site the machine was taken off the air and the transmitter "yanked" for bench repair. The culprit was a dirty trimmer capacitor which was disabling the final stage from turning on. I cleaned the cap and retuned the transmitter and all was okay.

New trimmer capacitors are on order and will have to be replaced. In the return trip to the main site the transmitter was reinstalled, power output checks and SWR measurements were taken and the autopatch codes were changed. The entire autopatch was checked and all frequencies were tweaked. I will be making adjustments on the remote inputs in the near future to correct a frequency drift problem on one of them. Plans are being made to purchase a new repeater and all questions and answers concerning this purchase and plans for the new system will be answered at a Board of Directors meeting. The date and place of this meeting will be announced well in advance on HARCLINE. All interested club members are welcome to attend.

73's for now,

Ron, WB3BDC

PHONE GL 5-3894

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FROM YOUR PRESIDENT - IN-CHARGE-OF-VICE

GREETINGS! I want to thank you for your support in the last election. I believe the club has elected a good, concerned and hard working Board of Directors this year. ALL of the Board members are anxious to do their jobs and then some to make the HOLMESBURG AMATEUR RADIO CLUB the best radio club they possibly can. The most important thing to remember, however, is (and I'm sure you've heard this one before) the club is only what we individual members put into it.

Let me elaborate...

Do you think the repeater needs better maintenance? Join the "Tech Committee"! Want to see a better quality club newsletter? Write articles for it! Want to see more entertaining monthly meetings? Get up at a meeting and give a short talk or presentation (and what HAM can't shoot the bull about one of his favorite technical subjects for 5 minutes?) Want to hear less nonsensical verbal dribble on the repeater? Bring up an interesting subject every now and again on the machine!

The club is OURS, fellow amateurs. All we have to do is treat it accordingly, and we will have the best Amateur Radio Club!!

Joe Pearlstein, WA3IJZ

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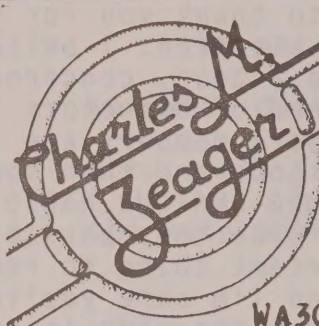
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HARCLINE is broadcast on the 146.685 repeater daily at 5:30 PM. I would appreciate listeners let me know if they hear the broadcasts. Call me after the HARCLINE broadcast or at 464-2665, or thru the Arts and Letters Bulletin Board.

I'm looking for comments, criticism and suggestions for improving this service.

HARCLINE is not limited to the membership of the Holmesburg Amateur Radio Club, and bulletins of interest from other clubs are welcome.

Edith- W3AAU

Third-party countries

U.S. amateurs are permitted to handle third-party traffic with amateurs in all countries listed. Canadian amateurs may exchange third-party traffic with countries indicated by (C).

- Antigua and Barbuda, V2
- Argentina, LU
- Australia, VK (C)
- Belize, V3
- Bolivia, CP (C)
- Brazil, PY (C)
- Canada, VE (C)
- Chile, CE (C)
- Colombia, HK (C)
- Costa Rica, TI (C)
- Cuba, CO
- Dominica, J7 (C)
- Dominican Republic, HI (C)
- Ecuador, HC
- El Salvador, YS (C)
- The Gambia, C5

- Ghana, 9G
- Grenada, J3
- Guatemala, TG (C)
- Guyana, 8R (C)
- Haiti, HH (C)
- Honduras, HR (C)
- Israel, 4X (C)
- ITU (Geneva), 4U1ITU
- Jamaica, 6Y (C)
- Jordan, JY
- Liberia, EL
- Mexico, XE (C)
- Nicaragua, YN (C)
- Panama, HP
- Paraguay, CP (C)
- Peru, OA (C)
- Pitcairn Island, VR6
- St. Kitts, Nevis, VP2K
- St. Lucia, J6
- St. Vincent, J8
- Swaziland, 3D6
- Trinidad and Tobago, 9Y (C)
- Uruguay, CX (C)
- USA W/K (C)
- Venezuela, YV (C)

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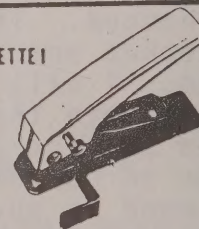
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NEWSLETTER

QST QST QST

HOLMESBURG AMATEUR RADIO CLUB, INC.

THE FUN STARTS AT 7:00 PM

Proudly Announces Its

THE MENU CHOICES ARE AS FOLLOWS:

Fourth Annual

BANQUET

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BROILED FLOUNDER

SATURDAY EVENING, MARCH 2, 1985

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Spouse/Guest.....CALL.....MENU CHOICE.....

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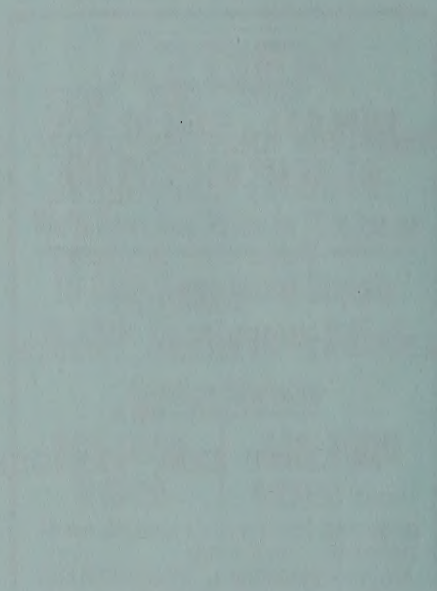
I AM ENCLOSING \$..... for.....people.

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73's

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5-14 1954



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FOR BANGUET