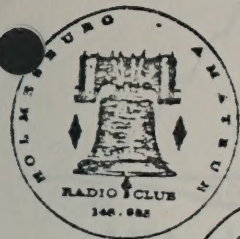


Holmesburg

Amateur Radio Club



Newsletter

146.685 MHZ

~ Vol. 1, No. 7 ~ August Issue ~ 1981 ~

HAPPININGS OF THE MONTH
BY TONY K3UKW

AUGUST 2 H.A.R.C Meeting At Macedon Diner 10:00 A.M.

9 MidAtlantic A R C Hamfest

Rt 309 Drive In Montgomeriville P.A. Talkin 146.76 / 06
or 52 For Further Info. Call Ben Schenemann WB3AYT 215-822-9076

30 Gloucester County Hamfest Held At The Gloucester County
Community College Sewell N.J.

NOTE

Fcc Exams Will Be Givin At This Hamfest You Do Not Have
To File A Form 610 Before Hand So If You Want To Upgrade
Now Is The Time To Do It. Code Test Will Be Given At
9:30 A.M. For More Details Work The Barnsboro Repeater
On 147.180

REMEMBER DEADLINE FOR FILING COMMENTS ON DOCKET 80-729 , F.C.C. PROPOSAL
TO REWRITE THE AMATEUR RULES INTO PLAIN LANGUAGE IS AUGUST 21.
IT APPEARS THAT AMATEUR RADIO IS GOING TO LOOSE AS A RESULT OF THIS,
WRITE THE F.C.C. AND TELL THEM NOT TO REWRITE THE RULES .

SEPT.

13 Gaithersburg Hamfest Sponsored by Foundation For Amateur
Radio Held At The Howard County Fairgrounds Rain Or
Shine (if you have never been to, Dayton this may be the
closest event to it.)

The Newsletter is a publication of the
HOLMSBERG AMATEUR RADIO CLUB
Philadelphia Pa. and is published monthly .
Anything that is printed in this paper
maybe reprinted with proper credit given.
Swap Shop - Free

Deadline For Articles is the Third
Wednesday of the Month .

EDITOR

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

ASST. EDITOR

BURNELL JONES WB3EEI
1525 E. TULPENHOCKEN ST.
PHILA. PA. 19138
215-424-7381

PRINTER

JIM CARDINAL AI3K
4423 ABERDALE RD.
PHILA. PA. 19136
215-331-3085

TYPIST SUE ALBERT XYL K3HIN

BULLETIN NET

THURSDAY EVENINGS 7:00 P.M.

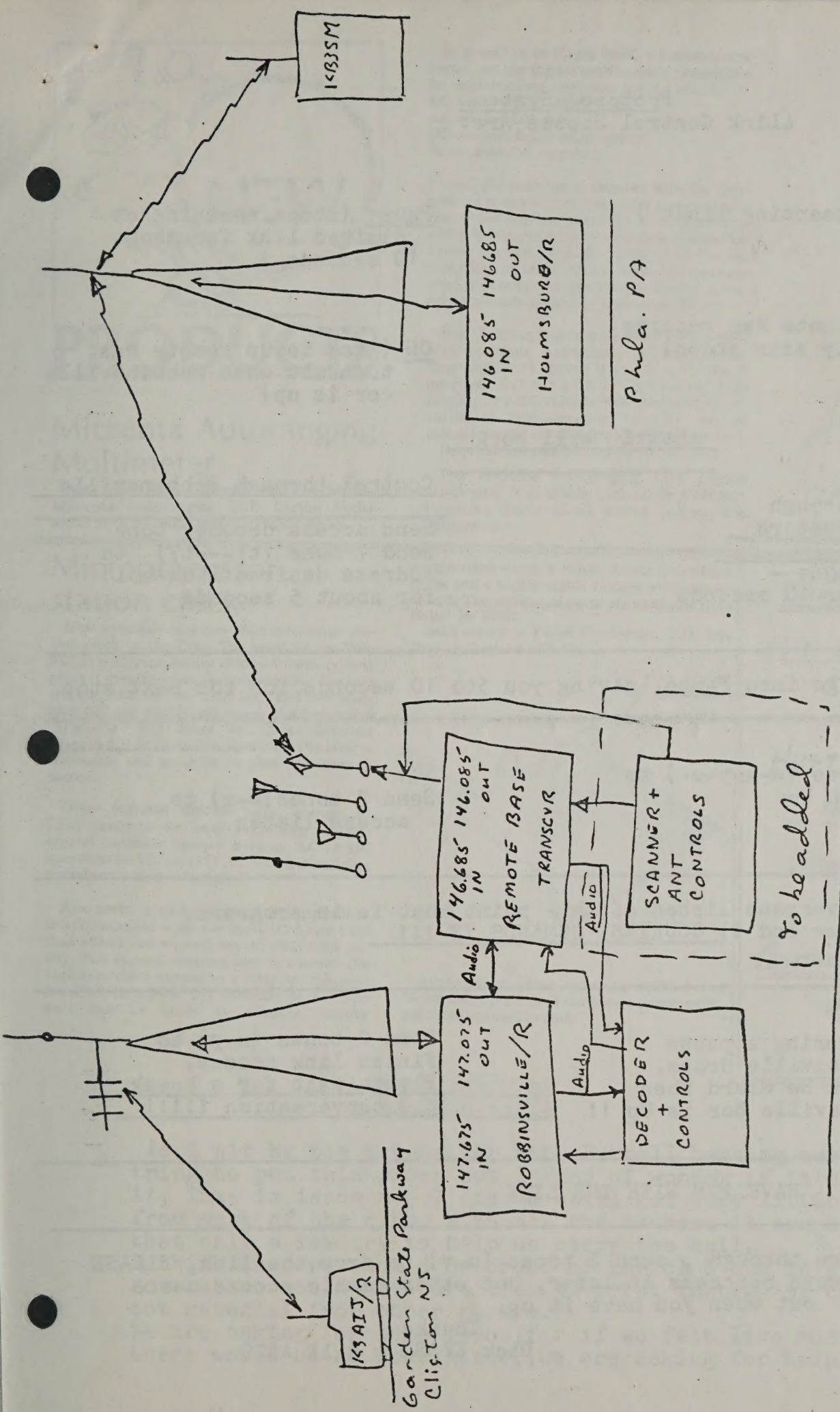
TRAFFIC NET

THURSDAY EVENINGS 8:00 P.M.

THE REPEATER IS A JOINT VENTURE BETWEEN THE HOLMESBERG
AND THE U OF P AMATEUR RADIO CLUBS .

A LOOK AT H A R C FIELD DAY
BY LOU ALBERT
Harmonic De K3HIN

Getting to the field day site at 10:30 A.M., Dad and I were approached by Ed who proceeded to show me how to use the tower belt to climb the short 165 foot tower, Going up about 100 feet I finally got the rope over one of the rungs, and I proceeded to come down . In the mean time Edith was clicking off about 2 pics per second. When I returned to the site about 2:30 A.M. I saw Rich (aop) he started to tell me that all my efforts were in vain due to that all the antennas had to be taken down because they could not load them as the S.W.R. was too high which canned about 2 hours of contest time. Bruce had been making points picking out calls only dogs could hear, Mel was also doing a good job scraping the D X out of the QRM & QRN he left the site about 5:30 A.M. and came back about 12:00, noon that same day. By the next day all I saw was a bunch of weiry guys stating to take down the station after giving them a hand , I asked what the score might be Ed replied to me that it was around 4,000 over last years sad cry of 300 to 400. All in all from my side of the mike it looked like a pretty Field Day, I wish that a lot more credit could have been given to the rest that chipped in there backs fists and voice straining efforts, but we could not get any input from anybody ,. Please if you want the paper and the articles lets hear your input.



Robbinsville NJ

BLOCK DIAGRAM: REPEATER LINK VIA REMOTE BASE AT ROBBINSVILLE

Example: July 20 test between K3AIJ/2 and K3B3SM

see Dick K2ASG, or Bill AA2C

20 July 1981 AA2C

Proposed System
4Link Control States Are:

OFF (and scanning links)

Pause (stops scanning at
desired link for about
10 seconds)

Listen (remote has receive
only scan stops)

ON (link is up remote has
transmit when robbinsville
cor is up)

*How It Will Work

Control through
linked repeaters

Send one tone -
to hold for 10 seconds

Control through Robbinsville

Send access decoder tone
Send 1 tone (t1---t7) to
address desired link-hold
for about 5 seconds

Link will go into Pause, giving you 5to 10 seconds for the next stop

Send 4 tones (w-x-y-z) to
access-link

Send 2 tones(w-x) to
access listen

PLEASE , everyone listen at this point what is in progress
on the other end !! COURTESY DEMANDS IT !!!

Break in during a pause
when Robbinsville drops.
You Can Not Be Heard When
The Robbinsville Cor is Up !!

Send 2 tones (x-y) to
finish link access.
Please wait for a break
the conversation !!!!!

HAVE FUN WITH THE LINK

When you are through , send 2 tones (u-v) to drop the link, PLEASE
You can always reaccess it later, but other remote access users
are locked out when you have it up.

Thanks
Dick K2ASG & Bill AA2C



PRODUCTS

Micronta Autoranging Multimeter

Now available from Radio Shack is the new Micronta Autoranging LCD Digital Multimeter with 3½-digit liquid crystal display.

Microprocessor station clock

Now available is a new microprocessor station clock — the Zulu. The heart of the Zulu 3TZ is a microprocessor chip and memory that gives it greatly expanded capabilities. Besides the one local 12-hour time zone and two alternate 24 hour world time zones, the unit has a "reminder" I.D. timer that gives different tones at 8, 9 or 10-minute intervals. The I.D. is resettable and accurate to plus or minus .1 second.

Other features include: large, orange .6" LED readouts for easy readability; quartz crystal timebase battery backup; AC or DC operation on 12V or 117VAC with the wallplug transformer that is included.

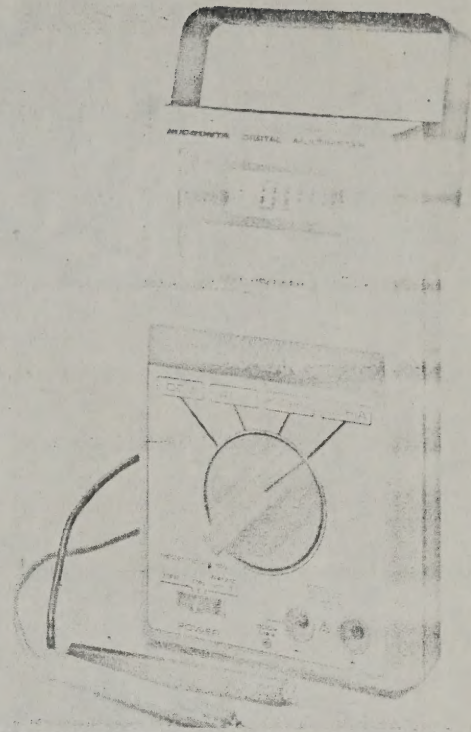
Also useful is an appliance timer output that is synchronized with the local (12-hour) time that allows one on and one off shiftpoint per day. The manual explains how to connect the appliance timer output to a relay or triac (not included) to control any external device. The unit can be made to display remote

It is said to be Radio Shack's easiest-to-use tester, yet the digital multimeter's capabilities for sophisticated electronic testing include:
 DC volts: 0-1000 volts
 AC volts: 0-500 volts
 DC current: 0-200 milliamperes
 Resistance: 0-2 megohms

Once the function is selected with the four-position rotary switch, the tester automatically selects the appropriate range of measurement and polarity. An exclusive range-hold function freezes the scaling of the meter when desired. Indicators let the user know when the measurement goes out of range when the battery is low. All ranges are protected against overloads.

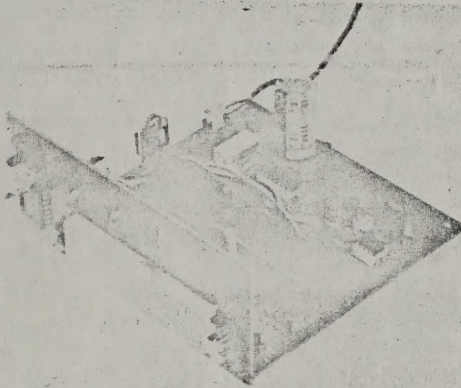
The Micronta digital multimeter — complete with test leads, instructions and carry handle that doubles as stand - is priced at \$99.95. It measures 6¼" X 3⅞" X 1" with a 0.4" LCD display. The AC voltage measurements are accurate to approximately 15 kHz and all measurements are accurate to within one digit. Requires a 9-volt battery or AC adapter.

The Micronta Autoranging LCD Digital Multimeter is available exclusively from participating Radio Shack stores and dealers, nationwide.



temperature using a silicon linear thermistor probe and a highly stable voltage-to-frequency circuit. The additional parts are available from Bullet for \$9.95.

Send orders to Bullet Electronics, P.O. Box 401244, Garland, TX 75040.



Available in either kit or assembled and tested form, the unit is the lowest priced multiple time zone unit to date. □

UNDER THE WIRE BY RICH K3HIN

As I sit by the typewriter with Burnell beating our brains out trying to put this paper out I kind of wonder if it's all worth it, This is issue no# 7 and we still get very little input from most of the club, With all the members it seems to me that only a few try to help us carry the ball. I think that we should be proud of the club and it's paper so that we would have articles to print instead of cutting out material from other papers. We are asking for some input, for if we felt like most everyone there would be no news letter, we are asking for help Please!!!

Mini Swap Shop!

HQ1 - Mini Quad ~

\$ 30.00

HUSTLER 5 BTV

w/ NOVICE & GENERAL

BAND RODS - \$ 40.00

CONTACT: AI3K - Jim

331-3085

THANKS CHEESE BITS!

Hugh Turnbull, W3ABC, Vice-Director of the Atlantic Division has requested that we supply him with any experiences we have had or hear of on some of the newer forms of radio frequency interference. In addition to the usual radio, t.v. set, stereo and electronic organ, interference we now have to deal with scanners, computers and cable t.v. In some cases, we are the victim (some of those things really put out a broad band noise spectrum) and some cases we are the cause (usually because of poor design of the equipment being interfered with). Hugh would like to know what problems we had and how they were solved and what ones we may still be having. Much of the area of interference is not regulated or it is not defined clearly. If we are having problems, we'll have to get them known to the FCC if we expect any regulations to be made to help us in the future. Pass your experiences on to: Hugh Turnbull, W3ABC, 6903 Rhode Island Avenue, College Park, MD 20740

The Federal Communications Commission decided today to lift most restrictions on the amateur 1800 to 2000 kHz band. Some protection must remain for Canadian LORAN stations in the northeast operating on 1950 kHz. Accordingly, some band segment and power restrictions remain, with respect to 1900 to 2000 kHz. All restrictions will be lifted from the frequencies 1800 to 1900 kHz. The effective date has not been released but should be within the next two months. Monitor this station for a further bulletin AR

ARPL BULLETIN NR 53 FROM ARRL HEADQUARTERS NEWINGTON CT MAY 21, 1981
TO ALL RADIO AMATEURS BT

Holmesburg Amateur Radio Club



FIRST CLASS MAIL

Newsletter