THE DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

NEWS

BETHLEHEM, PENNA.

VOLUME IV NUMBER 8 AUGUST 1975

EDITORS: W3BCA & WA3EUG SPECIAL PUBLICATIONS: WA3FGS
VHF EDITOR: K3YWY TECHANICAL EDITOR: W3SAP
PUBLICATION AND CIRCULATION MANAGER: WA3HDP

MEETING NOTICE

The DLARC will meet at the club meeting room at the Gracedale Complex on Thursday, August 7th at about 1930 hours, local time. You and your guest are cordially invited.

FIELD DAY 1975

The DLARC participated in the annual ARRL Field Day excercise. We had three operating stations on 80, 40 and 2 meters. Those that operated had a good time. As per usual, it rained and we had to make another dipole again this year. We conclude that unused antennae either evaporate or taken by the Hamburglar.

Rick, WN3WSB and Jon, WN3YLP are to be congratulated for the excellent job they did in setting up a complete operating station in the field. They were very well organized and never forgot a single essential item. Dick, K3YND has a fabulous trunk in his automobile. He came up with table, clock, light and tools. Skip, K3ZTJ started putting up a 2 meter beam at 11:30 pm and Dick came to the rescue with a pair of U-bolts from his "warehouse on wheels". Marv, W3BCA did some cooking for the hungry operators, but would not serve anyone not wearing a coat and tie. Will we see you there next year?

PICNIC

The picnic came off as planned. We counted 16 club members and 22 family members and guests at the Bethlehem Boat Club. Everyone appeared to be having a good time.

We were disappointed that no one from the other clubs, that were invited, came to this picnic. The DLARC made a genuine offer in the interest of the "friendly ham spirit". What did we do wrong?

FOR SALE

Hallicrafters SX-100 receiver. Best offer.
Contact: Richard Arner, 934 N. St. Elmo St., Allentown. Phone 433-6124

SIGNALS AND NOISE

Kay, K3IBH is now one of our Control Stations for WR3AAB. This very important daytime monitoring activity was formerly handled by Alice, WA3SWU.

Larry, WA3ZCP's XYL Barbara made some very nice signs that were used at the Field Day operation at Hackett's Park.

Dick, K3YND and W3BCA stained and varnished the book shelves at the meeting room. Some books and magazines have been placed on these shelves.

Bob, K3MAZ made a trip to the western part of the state and worked through WR3AAA, the one that got there before we did.

A copy of the new ARRL Repeater Direcory is available in the CLub meeting room.

If you are interested in the new Heathkit SB-104, we suggest that you read the article that appeared in The Worldradio News. Several copies will be availabe at the next meeting.

Copies of a recent article concerning modification of Heathkit's HW-202 will be available at the next meeting. It is concerned with improving the selectivity of the receiver.

REPEATER TIP

Do not give the exact location of the repeater site to anyone. Many non-amateurs listen to repeaters. There has always been people who enjoy destroying the hard work of others. "On a hillside near Nazareth" is an acceptable description if one is needed.

TO ALL RADIO AMATEURS BT

A COUNTERPROPOSAL TO THE FCC IDEAS ON THE RESTRUCTURING OF AMATEUR RADIO WAS FILED JULY 16 BY ARRL. THE LEAGUE REJECTED ANY LOSS OF PRIVILEGES, REJECTED A DUAL SERIES FOR HF AND FOR VHF, REJECTED A TOTALLY CODE FREE LICENSE AND REJECTED CHANGES IN POWER AMOUNTS AND MEASUREMENT. INSTEAD THE LEAGUE PROPOSED A UNIFIED STRUCTURE TO START WITH A NEW BASIC AMATEUR, AND TO INCLUDE TECHNICIAN CLASS LICENSEES IN THE MAIN STREAM THROUGH PERMANENT NOVICE PRIVILEGES AND THROUGH A REDUCTION IN THE GENERAL CLASS CODE SPEED TO TEN WORDS PER MINUTE. THE DOCUMENT, TOTALING MORE THAN 125 PAGES, IS BEING SENT TO DIRECTORS, VICE DIRECTORS, ASSISTANT DIRECTORS, SCMS AND AFFILIATED CLUBS. OTHERS INTERESTED MAY OBTAIN A COPY BY SENDING AN ADDRESSED 9 BY 11 INCH ENVELOPE WITH ONE DOLLAR TEN CENTS IN POSTAGE. A SUMMARY WILL APPEAR IN THE SEPTEMBER ISSUE OF QST. AR

QST DE W1AW
HR OFFICIAL BULLETIN NR 540 FROM ARRL HEADQUARTERS
NEWINGTON CT JUNE 19, 1975
TO ALL RADIO AMATEURS BT

THE FEDERAL COMMUNICATIONS COMMISSION HAS AMENDED ITS RULES, EFFECTIVE JULY 28, TO PERMIT THE OPERATION OF AMATEUR REPEATER STATIONS UNDER CERTAIN CIRCUMSTANCES WITHOUT A CONTROL OPERATOR BEING ON DUTY AT AN AUTHORIZED CONTROL POINT. REPEATER STATIONS AND AUXILIARY LINK STATIONS USED IN REPEATER SYSTEMS WHICH ARE LICENSED IN A CONVENTIONAL MANNER FOR EITHER LOCAL OR REMOTE CONTROL WILL BE PERMITTED SEVERAL OPTIONS FOR IMPLEMENTING AUTOMATIC CONTROL DURING PERIODS WHEN A CONTROL OPERATOR IS NOT ON DUTY. ADDITIONAL DETAILE ON THIS RULEMAKING PROCEEDING, DOCKET 20112, WILL APPEAR IN THE AUGUST ISSUE OF QST. A LIMITED NUMBER OF COPIES OF THE REPORT AND ORDER WILL BE AVAILABLE SOON FOR REPEATER LICENSEES. A LARGE SELF-ADDRESSED STAMPED ENVELOPE WILL HELP SPEED YOUR REPLY. AR

HR OFFICIAL BULLETIN NR 542 FROM ARRL HEADQUARTERS
NEWINGTON CT JULY 3, 1975
TO ALL RADIO AMATEURS BT

THE SUMMER OLYMPIC GAMES ARE SCHEDULED TO BE HELD IN MONTREAL DURING THE PERIOD OF JULY 17 TO AUGUST 3, 1976. LTHE OLYMPIC AMATEUR RADIO STATION, WITH THE CALL SIGN CZ20, WILL OPERATE FROM A PUBLIC-VIEWED AREA IN THE STADIUM, ON PHONE, CW, RTTY, AND SSTV. THE CANADIAN DOC HAS GIVEN VE AMATEURS PERMISSION TO USE XO IN NEWFOUNDLAND, AND XJ IN THE REST OF CANADA, FOR A PERIOD OF ONE YEAR, FROM AUGUST 1, 1915, 00 JU6 3, 1976. ATR

HR SPECIAL W1AW BULLETIN NR 994 FROM ARRL HEADQUARTERS
NEWINGTON CT JULY 7, 1975
TO ALL RADIO AMATEURS BT

ATTENTION TEN-METER OPERATORS. THE 28 MHZ BAND HAS BEEN OPEN ACROSS THE ATLANTIC FREQUENTLY IN LATE JUNE AND EARLY JULY. THE EXTENT AND DURATIO[redacted] EXCEEDED ALL PREVIOUS EXPERIENCE FOR SUMMERTIME 10-METER DX, AND HIGHER AMATEUR FREQUENCIES MAY HAVE BEEN OPEN AS WE5. ARRL IS INTERESTED IN DETAILS OF LONG-DISTANCE COMMUNICATION ON 28 MHZ AND HIGHER BANDS DURING SUMMER, 1975. OPENING AND CLOSING TIMES AND GEOGRAPHICAL COVERAGE INFORMATION ARE NEEDED. THE 10-METER BAND IS KNOWN TO HAVE BEEN OPEN TO EUROPE AS EARLY AS 1020 UT, JULY 6, AND THERE HAVE BEEN SCATTERED REPORTS OF EVENING OPENINGS AS WELL. THE MEDIUM OF PROPAGATION, MULTIPLEK-HOP SPORADIC-E, APPEARS TO HAVE AN INVERSE CORRELATION WITH SOLAR ACTIVITY, SO OBSERVATIONS IN THIS PERIOD NEAR THE BOTTOM OF THE SOLAR CYCLE COULD BE VERY HELPFUL IN LEARNING MORE OF THIS ELUSIVE MODE. AR

QST DE W1AW
HR OFFICIAL BULLETIN NR 543 FROM ARRL HEADQUARTERS
NEWINGTON CT JULY 10, 1975
TO ALL RADIO AMATEURS BT

ALL ROUTINE AMATEUR LICENSING MATTERS SHOULD NOW BE ADDRESSED TO THE FCC, BOX 1020, GETTYSBURG, PENNSYLVANIA 17325. THE NEW BOX NUMBER SHOULD HELP FCC TO GIVE PROMPT ATTENTION TO AMATEUR MATTERS, BY ALLOWING PRESORTING OF THE MAIL. QUESTIONS ABOUT FCC POLICY TOWARD THE AMATEUR SERVICE, COMMENTS ON RULEMAKING AND REQUESTS FOR INTERPRETATION OF RULES SHOULD CONTINUE TO BE SENT TO FCC, WASHINGTON, DC 20554. ONLY ROUTINE MATTERS SUCH AS REQUESTS FOR EXAMINATION PAPERS, RENEWALS, MODIFICATIONS AND REQUESTS FOR SPECIAL CALLS GO TO GETTYSBURG, AND ONLY THOSE FOR AMATEUR MATTERS SHOULD BE ADDRESSED TO BOX 1020. AR

hr REPORT . . .

"TRAVELERS' INFORMATION STATIONS" operating just above or below the broadcast band were proposed by the FCC in a Notice of Proposed Rule Making issued June 12. Docket 20509 would permit "entities authorized in local government radio service" to set up and operate 10 W output stations with a one mile useful radius on 1606, 1612 or 530 kHz. Stations would carry general traffic information, emergency advisories, announcements concerning service facilities, directions to local tourist attractions and the like. The NPRM noted that since many BC sets already tune beyond the broadcast band edges, many travelers would be able to utilize the new service as soon as it was begun.

Comments On Docket 20509 are due August 18 with Reply Comments due September 5.

VACATION-BOUND HAMS are reminded it's poor practice to talk up your vacation plans before you take off. One Chicago area ham just returned home after two weeks of fishing to find his home looted. 2 meter enthusiasts are particularly vulnerable with so-called PSB receivers readily available for non-ham SWLs.

FCC LICENSE APPLICATION HANDLING at Gettysburg should be speeded considerably by a new mail sorting system. Effective now, all non-CB applications should go to specific PO boxes, a different box for each service. Amateurs should use P.O. Box 1020, Aviation Box 1030, Marine Box 1040 and Restricted Operator Permits Box 1050 -- all at Gettysburg, PA 17325.

IC-230 USERS can put their FM transceivers on CW and work the OSCAR satellites with simple modifications just developed at ICOM East. Another IC-230 mod useful for OSCAR buffs permits using the radio's low-noise front end as a Mode B converter, converting OSCAR 7's SSB and CW signals from 2 meters to 10.7 MHz where they are detected by a conventional communications receiver.

Details On These plus other IC-230 tips are available from Tom Gentry at ICOM East, Suite 307, 3331 Towerwood Dr., Dallas, Texas 75243.

A New 450 MHz Base Station is also in the ICOM mill. IC-31 will feature 26 channels, resembles IC-21. Details from ICOM.

GOOD PROMOTION IDEA offered by Ted Cohen, W4UMF, of the ARRL RFI Task Force. Always write Amateur Radio with a capitol A and R for emphasis -- Citizen's Band always appears that way. We'll lead off... from now on it's Amateur Radio in HR Report!

prepared by the editors of Ham Radio Magazine

1975 FIELD DAY



TOP OPS: WN3WSB & WN3YLP



"MESS" TENT



HAM VAN

Photos By K3OZU

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