THE DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

NEWS

RD #4
GREYSTONE BUILDING
NAZARETH, PA
18064

SEPTEMBER 1986 * SEPTEMBER 1986 * SEPTEMBER 1986 * SEPTEMBER 1986

WHAT YOUR MOTHER NEVER TOLD YOU ABOUT THE WEATHER

WA3RSQ to SPEAK AT SEPTEMBER MEETING.

Charley Giannetta, WA3RSQ Weather Specialist at the Allentown Weather Bureau will be the speaker at the meeting of the Delaware-Lehigh Amateur Radio Club on September 4th. Charley was active for years as head of the amateur radio weather network on 6 meters and is well known in amateur radio circles. With the ability of amateur radio operators to cover the area we can become the eyes and ears as well as the mouth of the weather bureau. Lets all attend and show our interest.

<W3PYF>

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EMERGENCY NETWORKS TO BEGIN ON SUNDAY SEPTEMBER 7

by Clarence W3PYF

Beginning the 40th Year of operation, the DLARC network will begin operation on Sunday September 7th with roll call beginning at 930 hrs local time. The second session of this net will be on Wednesday nite September 10 at 1900 hrs and continue every Sunday and Wednesday thereafter. As one of the longest continuous networks in emergency operations, this year it is hoped that as the "DELAWARE-LEHIGH AMATEUR RADIO EMERGENCY AND INFORMATION NETWORK", we will continue operation throughout the summer next year instead of the June through September hiatus which has been the operational procedure in the past. With the amount of Club business, even with a slow-down in attendance it will be a chance to keep club members informed of activities. Make it a habit to attend these call-ups. We will start the roll-calls with the list that we concluded with last year, and will bring it up to date as time goes along.

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PACKET RADIO USED TO PUT YOUR NEWS LETTER TOGETHER

Using Packet Radio, as a method of transferring copy, this issue of the NEWS has been forwarded to the editor, KA3EED, by means of Packet. The material typed at W3PYF is put on the KB3UD Packet BBS and when Ken, KA3EED puts the news letter together, he downloads it, edits it and formats it for use in the form which you are now reading it. I'm sure this is one of the first publications being put together with the use of one of the newest forms of amateur communications, PACKET RADIO.

<W3PYF>

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Voyager Round-The-World Flight

The Voyager aircraft, designed to be the first airplane to fly around the world nonstop and nonrefueled, has scheduled its historic round-the-world flight beginning September 14. The aircraft will be powered by two small engines, requiring only a few gallons of fuel per hour, and will be traveling less that 70 knots/hr during most of the journey. As a result, the trip around the world will take about 12 days. The two pilots of the craft are both radio amateurs. Jeana Yeager is KB6LQR and Richard Rutan is KB6LQS. Both are Novice class, and no amateur operation from the aircraft is expected on this flight.

W1AW Article in Popular Communications

The lead feature article of September Popular Communications is a "close-up" on W1AW! The article, written by Chief Operator Chuch Bender, W1WPR, gives a complete history of the station, along with an explanation of Amateur Radio and the work of the ARRL.

Diane SEZ

The August meeting of the DLARC found 43 members present. Three new members were accepted into the club. They were AI7D, Jeff Porter, WA3MGD, Charles Breiner, and W3TEB Harry Buchin. The Derriere in the Delaware and the Allentown Bike race communications were well maned by us during the month. Both events had some emergencies, which were handled effectively by us.. The Club picnic was enjoyable for all who attended. A huge thank you to Bob KW3W who took over the planning for me at the last minute. Northampton County EMA is looking for experienced tractor trailer drivers to drive their unit in the event of an emergency. If you have had previous experience please let Tony K3ZUF know. The 1986-1987 nominating committee has been formed and are headed by KJ3R and KA3LPG. They will be trying to fill our slate of officers for the coming year. If you are interested in serving your club as an officer contact Chip or Charlie. In response to the letter sent to Commodore regarding our problems with the Club's C64 purchased last year, a new C64 has been received by the club. Some work needs to be done on the .775 repeater. It needs to be moved from W3BI's residence and a general clean up of the cavities is due. Elbow grease is the only prerequisite. Any one interested in helping should contact the BBS chairman, Joel, K9TBD. As was published in last month's newsletter new emergency auto-dial numbers have been added. However, whenever in doubt of who to call, call Northampton County on *1 and they will relay to the proper area. Novice and General classes will be begin on September 12, 1986 at the Greystone building and Bob KU3K and Don KC3II will again instruct the groups. New Badges are being investigated by Bob KU3K and Bob KW3W. The are looking into the Frankfort style badge with our club logo and your call. the badge is then laminated. Last, but probably most important is the club constitution and bylaws. Apparently since the club's inception our constitution was never incorporated by the State of Pennsylvania. We were accepted in the Northampton County Court, but that did not mean anyting in the eyes of the State. During the past weeks the board and Val, W3EFL, as advisor in incorporation matters, drafted a new constitution and bylaws. This new draft will serve as a basis upon which to render the club incorporated with the state. The constitution and by-laws may now be changed by standard procedure to better fit how the club operates. All new members will receive a copy of the constitution and bylaws upon joining the club. The new constitution and bylaws has been received by the State and Incorporation will have been received by the time you read this. If you have any questions or suggestions, come to the next meeting and air them. See you at the September meeting.
de Diane N3BH (oops) NB3L

LETTER FROM THE PREZ

I you weren't at the August meeting, you missed the news about the club's constitution. It seems that when the club filed for incorporation with the county, the lawyer forgot to file with the state. So, in spite of having a EIN number for use by the Federal Government for all these years, the club has not been incorporated according to the State of Pennsylvania.

Thanks to Val, W3EFL for discovering this error and for his help, along with Clarence, W3PYF's help for writing the new constitution. The new constitution has been approved by the Board of Directors and the officers of the club. The paperwork has been filed with the State for incorporation. Also on file is a request for tax exempt status. Everyone present at the August meeting received a copy of the new constitution. If you would like a copy, please attend the September meeting.

The club's annual elections are coming up. The nominating committee includes Charlie, KJ3R and Chip KA3LPG and they will be presenting names to the membership at the September meeting for officers and Board of Directors for the coming year. If you have a recommendation, contact Charlie or Chip or come to the next meeting and make the nomination.

Many thanks for the fine job that KW3W, N3CSQ, N3EOF, and the KB3RI family did at the club's picnic. There sure was plenty to drink and eat. Hey Bob, do I hear a challenge at horseshoes?

See you at the September meeting.

73 Tony K3ZUF

IT COULD HAPPEN HERE

by Clarence W3PYF

MIAMISBURG, OHIO'S toxic tank car fire that began July 8 sparked one of the nation's largest mass evacuations ever and once more proved conclusively Amateur Radio's value in emergency situations. Almost 400 area Amateurs from about 20 clubs took part during the four-day emergency, providing the essential Interconnecting link for participating local, state and federal agencies. Since all of these agencies are limited to their own unique frequencies and those in many cases were jammed with the volume of communications, Amateurs rode police cars, fire trucks and even a helicopter to provide the coordinated communications that tied them all together. In addition, Amateurs also set up weather tracking nets that provided firefighters with precise rain shower and wind shift information, vital to plotting the toxic clouds path. Amateurs also coordinated the evacuation of more than 300 nursing home residents to a safe location, monitored hospital emergency room loading, and arranged food shipments to the various evacuation centers. In the aftermath of the 100 hour long operation the Amateur communicators received very high marks from those they were assisting and as well as plenty of very positive media exposure. Congratulations from all of us to the amateurs of that area for a very fine job. From Pressstop and HAM RADIO

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DX News

In Australia restrictions on the modes used by radio amateurs will be lifted in the near future. The Australian Department of Communications is expected to announce the removal of almost all mode restrictions which is intended to make the Amateur Radio Service more responsive to new mode experimentation. The change will allow immediate access to spread-spectrum modes and high-speed data transmission, both of which are currently not permitted for general use. The removal of mode restrictions is not expected to extend to Novice licensees. The main constraints on mode usage for Limited and Full License holders will be non-interference and remaining within band allocations.

FOR SALE

From Estate of Bob Weil, 1. J.W. Miller Low Pass Filter C514T 1000W cw 2000 ssb 50 ohm. $15.00 2. 2 Muffin fans 110V $8.00 ea 3. Heathkit SWR meter, HM102 200 & 2000W 1.6 to 30mc $10.00 4. EMC tester 212 (Volt Ohmeter) I think...$5.00 5. Stereo Microphone Electret ECM99 $5.00 6. Realistic extension speaker 40-1995-A $8.00 7. Brown Bros Key, CLLB, and Lil Bugger $15.00 8. 1 mini-quad antenna, with mounting post Channel Master control and rotor, cable, wire and hardware $100.00 Contact Bill Sitterly KF4ME 865-9592

DRAKE L4B Linear $600, SX-101 HALLICRAFTERS receiver large but works well $50, HEATHKIT GC-1005 digital clock $5, HEATHKIT SA-5010 keyer $70, HEATHKIT HD-1410 keyer $25, HEATHKIT HM-2141 50-175 mHz wattmeter $55, HEATHKIT HA-202A 2m amp $25, HEATHKIT ID-1290 5 function weather station $80
CONTACT: K3ZUF 759-4261

KENWOOD TH-21AT Hardly used. Optional carry case, extra battery pack(never used) CONTACT: Joe K3CQY at 867-4677work - 588-1338home

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NEW CALLS AS OF AUGUST 1ST.

For the benefit of all who are waiting for new calls from the FCC it may be of interest to see the calls which have now been issued as of August 1st. This list was downloaded by packet from the K3RLI BBS. 2nd District Extra NT2F, Adv KD2UP, Tech/Gen N2GNN, Novice KB2BJU 3rd District Extra NC3K, Adv KC3YT, Tech/Gen N3FBP, Novice KA3PXZ Thanks to NE2W for this upload.
<W3PYF>

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ARRL Potpourri

The F9FT 4-Bay Yagi array for 1296 MHz has been installed as part of the antenna system at W1AW, as have been 144 and 432 MHz Cushcraft boomers. Also on the VHF front, W1AW code practice was heard on 6 meters in Great Britain during a major sporadic E opening the afternoon of July 21.

WE HAD A BALL
by Gunk, KW3W

If you didn't attend the club picnic on August 3rd, you'll have to wait until next year. All who attended and there were about 70-80 total had a great time judging by all the comments and congrats received by yours truly. But honestly your picnic chairman can't take all the credit. Special thanks to Julie, N3CSQ for helping fill everyone's plate; Bob, KB3RI for the suds and birch; as well as Bob's entire family. His entire family, his wife, daughter and future son- in-law slaved over the grill for what seemed like forever. Thanks to Dick, KC3CR, who supplied the sweet corn, and of course to all of you who attended this years affair, and brought all the delectable edibles to supplement the burgers and hot dogs. There was lots to do too. WB3DTG brought his R/C sailplane which flew superbly and Joel, K9TBD and his son and daughter launched some of his scale model rockets. Course there was a goodly amount of elbow bending too. We also found out that KB3RI and his son-in-law N3EOF were pretty good at tossing horse shoes. They won about 80% of the matches they played. Speaking of horseshoes, KJ3R & KW3W got even for last years contest season by skunking K3ZUF & K3OO after being down 15 to 1, and winning 24 to 20. We all were musically entertained by Roy, KA3MNY, who played old favorites on his accordion and harmonica. We celebrated a birthday too. Tony, N3CVH turned 60, on August 3rd. Happy Birthday Tony. If you didn't get there this year, aim for next year, it is always fun.
<KW3W>

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ARRL/VEC Question Pool

The ARRL/VEC will put the new class question pool into use, starting on October 1, and expects to use this pool through September 30, 1987. The FCC released this pool in April 1986, and also required that all VECs put the new pool into use no later than six months after the pools release. Also, at presstime the FCC had not yet released the new Novice class question pool. The ARRL/VEC still intends to change its Novice class testing material on January 1, 1987. League Lines in October QST will carry the up-to-date information.

FROM THE OLD MAN
by Clarence W3PYF

It was hot, but what a turnout at the MARC Hamfest in Warrington, Pa on Sunday the 10th. I can't tell you how many members of the DLARC were there but I think we have had meetings in the distant past that had less. Led by President K3ZUF, and followed by V-P KW3W, there were many of our members there. Among those I saw, and I know I will miss some, were W2SPK, KU3X, of course was there next to the 4CX1000's,and thank goodness he finally found the vacuum variable he has been looking for, N3EOF, N3EBH, EPA STM KB3UD, WA3HVT, W3OO, W3YU, N3CVH, WA3ENE, KJ3R, KA3LBP, I worried a little when I saw KB3RI, our treasurer there, but he assured me that he was spending "his" money. Also in attendance was KA3MOB, N3DRZ, N3DSP, KA3ODI,KY3N, and Don Menihart who is awaiting his novice call. Gunk, KW3W bought a 450 hand held and Tony, N3CVH now has a 5 watt handi- talkie instead of his 2 watt unit. Don't know what the rest bought, but rumor has it that Harry, WB3HBR bought a microphone similar to the one that Groucho Marx used in his broadcasts and now if you "say the secret word", you will get $100 when you talk to Harry. It was great to meet Kay, KC3LM new Section Manager for EPA and Hugh Turnbull, W3ABC, Atlantic Division Director as well as Section Emergency Coordinator WA3PZO, Bob, who was also Hamfest Chairman. As you will see in another section of this News Letter, I am looking to see all of you as I start my 40th year as net control of the Delaware-Lehigh Amateur Radio Club Network on Sunday, September 7. I'm sure that somewheres in this letter, you will find a story of the great picnic that was held in Easton on August 3rd. KW3W who took over from NB3L, when she had a death in the family, did a super job in getting it all together. My thanks go to KC3CR for the great fresh corn, N3CSQ, Julie for helping serve all of the more than 70 who attended, and most of all thanks to KB3RI and his great family Arlene, Becky, and the rest his brood who did the great job of doing the grilling of the hotdogs and hamburgers. Rumor has it that the picnic which started at 11:30 AM ended when the kegs both kicked at about 7:00PM.

Until next month 73
Clarence <W3PYF>

EDITORIAL
by Clarence W3PYF

I hear many times from the amateur fraternity, the statement, I don't like to subscribe to QST. Ham Radio, CQ, or 73 are better magazines. Let us look at what your "subscription" to QST means. Your $25.00 to the American Radio Relay League, is not a subscription to a magazine,it is the membership in an organization which represents the interests of all amateur radio throughout the United States. It is our voice to the FCC and other government agencies. Your question of why do we need it, is best answered by the work ARRL has done in Washington to hold on to the frequencies we now have. Full time people with the respect of members of the government, and the knowledge of the methods of bringing our thoughts to the people in Washington. The ARRL with its headquarters in the Hartford, Connecticut area has been made what it is by the members of the organization starting in 1914. Through its vast network of volunteers throughout the U.S. and Canada, plus a full time professional staff of about 125 employees in Newington Connecticut, the ARRL promotes the advancement of Amateur Radio. The League operates strictly as a nonprofit, educational and scientific organization dedicated to the promotion and protection of the privileges that we amateur radio operators enjoy. ARRL has about 120,000 members in the US with an additional 11,000 foreign amateurs and unlicensed individuals are associate members. The amateurs who are not members of ARRL are of course riding along without helping out, do we want to be part of that type of operation. Your answer I am sure will be NO. No matter what particular aspect or Amateur Radio attracts you, ARRL membership is relevant and important. It has often been said that there would be no Amateur Radio as we know it today had it not been for the ARRL. The ARRL, of today needs the broad-based support of radio amateurs and others interested in the continued existence of the Amateur Radio Service. Check with treasurer KB3RI for your application or renewal, the club benefits from any new or renewals. In closing, remember, membership in ARRL is NOT a subscription to a magazine, it is a subscription for survival. <W3PYF>

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OK STILL FIGHTING!
by Clarence W3PYF

According to the newest issue of Presstop by W9JUV in HAM RADIO magazine,-there is new opposition to the Communications Privacy Act which I have been talking about in the past issues of the DLARC NEWS. EIA, the Electronic Industry Association has declared its opposition to the bill, and it has raised hopes that the bill may not make it through the Senate in its present form after all! In a well)thought out and strongly worded letter sent to all U.S.Senators, the Mobile Communications Division of the EIA cited a number of reasons for opposing S)1667. For example, with respect to radio communications, the letter says "...it is not reasonable to attempt to legislate privacy ....so that the bill would, in effect, "..instill a false expectation of privacy!" The letter then points out that the bill is inconsistent with the Communications Act of 1934, which recognizes that a prohibition against intercepting radio communications is impractical but establishes severe sanctions against the misuse the intercepted information. It further notes the bill is in itself inconsistent, since it admits that cordless telephone transmissions are easily intercepted... so can't be protected.. but provides unqualified protection to cellular transmissions.! This discrimination," the letter continues, "certainly cannot be rationalized on a technical basis.. There is no justification for this legislation to treat one mode of radio communications differently from others!" Another point":There can be no true expectation of privacy with radio communications unless the message is encrypted (scrambled). " It concludes, "The nature of radio communications cannot be changed by legislation.." but concedes that the problems cited couldbe changed by amendment. All of us who oppose S-1667 in its present form should call or write their Senators to register support for the EIA Mobile Communications Division Letter.. It may be that the club may wish after this meeting write to Senators Arlen Spector and John Heinz to ask that they oppose this bill. <W3PYF>

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AMER. VIRGIN IS. - Now to 3 Sept. VS6CT/KP2, Phil, works 10, 15 and 20 meters from his hilltop QTH. He's often near 14,250 KHz at 2000 UTC. QSL via KA6V.

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BONAIRE - PJ9EE will tell you about the beauties of (and on) the Island - 7190 KHz from 0700 UTC. QSL Chet to P.O. Box 298, Bonaire, with an sae and a greenstamp.

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CENTRAL AFRICAN REP. - TL8KH on 14,180 KHz at 1800 UTC and 14,250 KHz at about 2000 UTC. QSL via W2MZV.

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DODECANESE IS. - Now to 5 Sept. SV1JG/SV5 on 10-160, cw and ssb. QSL to his CBA.

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GABON - TR8SA is ordinarily near 14,193 KHz from 2130 UTC. QSL via F6FNU.

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GALAPAGOS IS. - 1-7 Sept. HC5KA has requested HC8TTY for his emphasis on "you know what" plus cw and ssb. QSL to his home CBA.

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IRAQ - YI1BGD is on 14,190 KHz Tuesdays and Thursdays from 1930 UTC and on 14,227 KHz Fridays from 2100 UTC. QSL to: Scientific Center, Box 6100, Baghdad.

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KAMPUCHEA - Despite their expressed apprehension of keeping the station on the air during their night hours, XU1SS has added regular Friday sessions on 14,227 KHz at 2100 UTC to their regular daily skeds on 14,025 or 21,025 KHz at 0900 to 1000 UTC and with DU9RG on 14,180 KHz at 1200 UTC. QSL to the '86 CBA of JA1HQG.

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KOREA - Ed, AH2BE, has been issued HL9MM and "lives" on 14,220 KHz, either in the Jim Smith Net or at about 1230 UTC. He will be there one year. QSL via KA6V.

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KURE I. - KH6LW/KH7 was getting set up late last week and should be on 15-80 for the next two weeks. QSL to his home CBA.

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MARSHALL IS. - 20-26 Aug. KX6ND (on Majuro Island) by JH1RNZ. Isao plans cw and ssb on 10-160. He hopes to do some analog DXing via Japan's new satellite, JAS-1, and will be an entry in the All Asian CW Contest on 23-24 August. QSL via JA1ELY.

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MONGOLIA - JT1BG, trying to satisfy all DXers, is adding frequent weekday appearances to his weekend skeds with the W7PHO Family Hour on 14,227 KHz from about 1200 UTC. QSL these skeds via W7PHO.

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MOROCCO - CN8EL is usually on 14,220-226 KHz from 2230 UTC. QSL via W2PD.

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REUNION I. - FR4DN on 14,010 KHz from 0345 UTC. QSL with sae and IRCs or equal to: Philip Mondon, CD-16 Avirons, 97425 France.

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ST. VINCENT - J87CD, Sue - with a bit of a Welsh accent peeking thru, is near 7190 KHz from 0730 UTC and on 14,227 KHz from 1800 UTC. QSL to P.O. Box 975, St. Vincent.

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SYRIA - Still another Amateur with the UN Peace Keeping Forces, OE3EMN/YK is on 14,005-015 KHz most days around 2300 UTC. QSL via OE3SFW.

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TAIWAN - BV2B is on 7002-8 KHz from 1300 UTC. QSL to Box 30-547, Teipei.

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UNITED ARAB EMIRATES - JA6SNK, on a 3-year assignment, should be on 14,195 KHz with his brand new A6 callsign right about now. QSL as announced.

ARRL Files Comments in Opposition to Radio Reading Services 220 Mhz

The ARRL has filed comments in opposition to the Petition filed by the Association of Radio Reading Services (ARRS) for the Blind RM-5434 which requests 500 kHz of the 220-225 MHz band for reading services. The ARRL stated that the Petition was inappropriate and should be dismissed for the following reasons: 1) It is inappropriate at the present time to consider new specific allocations in the 220 MHz abnd due to the ongoing NTIA-FCC long-range study of allocations for the band. 2) The ARRS proposed use of the band is not consistent with the international and domestic allocation table, as radio reading services are not fixed or mobile services, but rather are more closely akin to broadcasting. 3) The ARRS argument in its Petition that the cost of establishing and operation all new radio stations for its service would be $5,000-10,000 per facility is not even close to actual costs involved. 4) ARRC can find channels available to them via cable systems, subcarriers on broadcast FM stations, and a television station's second audio channel. This would save them the cost of new stations. 5) The ARRL argues that the very high level of amateur occupancy of the band (over 1200 repeaters listed in the 1986 Repeater Directory) makes it impossible to share a segment of the badn with a broadcast-type of service. The League's comments conclude that while the goals and principles of ARRS are admirable, their proposal is impractical, and is based on a lack of understanding of the cost involved in establishing a separate service with respect to the modest charges presently levied by noncommercial FM stations for use of their subcarriers.

Better Times

The FCC, which is currently operating on a budget of $90 million, has tentatively decided to request $104 million for fiscal 1988. Its request for $96.4 million for fiscal 1987 is still pending in Congress. Contending that FCC has essentially eliminated its current deficit, Chairman Mark Fowler has directed that the freeze on promotions at the Commission be lifted July 20.

AO-10 Alive

Recovery efforts aimed at restoring AMSAT OSCAR 10 to service met success July 15th when the Mode B transponder was enabled for limited use. This favorable development capped two months of intensive work by spacecraft engineers and controllers. It marked the culmination of a process of subtle diagnostic testing, rewriting the IHU (integrated housekeeping unit) software and cautious evaluation of the results. AO-10's computer member had been showing evidence of accumulating radiation damage for nearly a year. The error correcting software hit counter had been incrementing regularly. Last autumn the first major hard failure became evident. But the software was able to accomodate it. On May 17th, the quantity and location of errors in the IHU memory overwhelmed the error correction mechanism and caused the operating system to crash. This took AO- 10 off the air in what most users considered an unexpected shock. At the time the situation looked bleak; controllers were able only to reset the IHU with the master reset command. Karl Meinzer, DJ4ZC, designed a memory diagnostic package which produced a memory map of the failed and marginal memory cells. The memory map proved to be a veritable road to map to AO-10 recovery. Based on this chart of the affected memory areas, Karl was able to rewrite the IPS operating system so as to avoid the affected zones. Ian Ashley, ZL1AOX, working with Karl, soon reported the new IPS package seemed to be working. The IHU wasn't crashing as it had been. By about July 12th, the decision had been made to turn on Mode B beginning July 15th. This was done with a reduced operating schedule put into effect. The overall situation on AO-10 is now stable and generally favorable. However, because of the reduced memory capacity, it will no longer be possible to support the CW and RTTY telemetry sections of telemetry. Bulletins henceforth will be sent in PSK "M" blocks. The amateur satellite community welcomed the news of AO-10's return with broad applause and admiration for the superb efforts of those who first fathomed that problem and then applied the highest skills in developing work-around methods. AMSAT congratulates all those who worked the problem and in particular DJ4ZC and ZL1AOX for their brilliant work!

Two Meters to the Rescue
(or Oh no! Not the whip)
by Joel A. B. Elston, K9TBD

Last summer my family and I were boating at the Reading (PA) reservoir and my daughter locked all the doors (by my direction) on the car. We were on the boat ramp; the car was running; my wife's keys were in her purse on the front seat. An hour later, when the park police failed to open the car with a "slipper" my wife suggested I try the 2-meter antenna - five minutes later the car door was open and all was fine.

Since then, two more occasions have called for that "trick" with the 1/4 wave whip. I just left the little kink in the end for the next time.

This spring, my next door neighbor knocked on the door. His face was ashen white. He said "We have an insurance salesman at our house whose already over-stayed his welcome and he has locked his keys in his car". "I know you have a lot of tools in your basement. Do you think one might do the job? I thought for - only a moment - and said, "Joe, I think the right tool for the job is in the garage. Let's see."

In a twinkling of an eye I twisted the two meter whip from it's mount on the rear deck of the car. (I use a BNC connector with piano wire for the 1/4 wave whips - compliments of my brother WA9FIO). The antenna still had the kink in the end from the previous use. Within thirty seconds (this time I am an expert) the car door was open.

Joe said "How did you do that so quick?" It was all so fast no one saw what I had done - I'm glad since I really don't want the technique generally known. I said that it took lots of practice (and thats the way to get to Carneige Hall) and didn't have time to explain. Joe was happy. The salesman was happy (he wouldn't be late for his next appointment) and my wife was happy because her suggestion on how to use two meters worked again.

I have a bright young man working for me this summer. He is a Junior in the college of electrical engineering and computer science. I have been trying to impart some of the "wisdom" I've acquired over the past 25 or so years - telling him what's going to happen and what wont and the like.

We took a trip one day to Bell Labs in Allentown (the home of the transistor) on business and on the way there, I demonstrated the marvelous capabilities of our repeater controller. (He almost became a Novice two years ago and I think I've gotten him hooked again.)

The voice synthesis, autodial, and emergency dialing are really impressive. Anyway, we had a lot of fun talking to the locals about this and that and wireless bulletin boards and satellites.

We got back from our trip and in the parking lot Jack said, "My keys are in the Jeep - the other set is with my parents in Pittsburgh - six hours away - what should I do?" I suggested the local police or the campus police or lemme see... We went over to my car (the one with the quarter wave whip with the little kink in the end).

This time - 15 seconds.

Moral: I've locked myself out of the car - sometimes a costly experience (public pay parking lots), sometimes embarrassing - my date says I want to go home (now my tolerant wife) and this is the best one I've heard yet - "Not out of gas, no flat tires, you mean you've locked the keys in the car? That takes the cake!"

Good and bad news - Bad news first: This means even your new car with fancy locks can be "lifted" easily. Good news: If you're locked out - try the "WHIP"!

LISTEN UP

Congratulations to Bill Fahs, formerly KC3KT on his new callsign NC3P.

And also to Donald Menihart for his new Novice call which is KA3PZN.

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WANTED

PART TIME WRITERS WHO ARE ALSO AMATEUR RADIO OPERATORS.

IF YOU CAN SCRIBBLE YOUR THOUGHTS ON PAPER AND GET IT TO KA3EED OR W3PYF WE WILL SEE THAT IT GETS IN THE DLARC NEWS.

I WILL GLADLY OFFER HALF OF MY EDITOR SALARY EACH MONTH TO MEMBERS WHO WRITE FOR ME.

I tried to figure it out on the computer, but it resulted in a DIVISION BY ZERO ERROR!!!

VECS TO MAINTAIN QUESTIONS FOR TESTS

The following bulletin, ARRL 50, dated August 8 from ARRL has a big influence on the VEC testing program, was downloaded by Packet Radio on August 11th.

ARRL BULLETIN NR 50 FROM ARRL HEADQUARTERS
NEWINGTON CT AUGUST 8, 1986

Acting in PR Docket 85 196, the FCC has amended Part 97 to permit volunteer examiner coordinators to maintain question pools for amateur examinations. Transferring the question pools to the VECS will result in the deletion of PR Bulletins 1035A B, C and D, which contain the questions. Since the FCC is now specifiying in the rules the scope of the written examination for each element, the topics for examination and the percentage of questions that should be selected for each topic for each element, PR Bulletin 1035, study guide for FCC Amateur Radio License Examinations, can be eliminated. VECs may continue to use the FCC question pools for the time being, but the FCC indicated that the VECS should be responsive to new developments in Amateur Radio and should update the question pools as needed. This FCC action is a further step in the privatization of examination functions of the Amateur Radio Service. The effective date of these rule amendments will be announced in a future FCC public notice, but the FCC suggests that VECS can begin to prepare question sets now. This FCC action is contrary to the ARRL position. The League, in its formal comments, urged that the FCC continue to maintain question pools to ensure a single, standard, high quality pool of questions for each element. WHAT DOES THIS MEAN? After a discussion last night with Dennis KR3U, who heads the committee of VE testing by our club, he indicated that what will happen is that the VECS such as the American Radio Relay League, W5YI, and others will have to make and supply the questions that will be used. It will put a big burden on those who have been handling these tests in the future. What can happen, if the wrong group becomes a VEC, is almost unbelievable at least in my estimation, as long as it is ARRL, there is no fear, but a group,without the knowledge and information available can corrupt the entire VE program.

ARRL Seeks 18 MHz

Within the past few months, the League learned that a special Government committee had been charged with responsibility for finding new frequency assignments for radio stations which had been displaced by the decisions of the World Administrative Radio Conference in 1979. For instance, the band promised amateurs at 18.068-18.168 MHz had been carved out of a Fixed Service Band. Point-to-point services which had been operating in that band basically have until July 1, 1989 to find new homes. The special committee had been appointed to assist in that project, particularly as concerns US government fixed stations. Along comes an official report that this committee has wound up its work and has been discharged. Eureka -- our chance! Perhaps that meant amateurs could have access three years early. We went down and talked to the people involved and emerged with the understanding that Government operations had ceased in the 18,068-18.168 MHz band. Based on that assumptions, the ARRL filed a Request for Rulemaking to get early access. Among the arguments used with the Federal Communications Commission were the understanding we had that Government fixed operations had ceased, that no civil activity was in progress under FCC licenses, and that amateurs in 57 other nations already were able to use at least a portion of the band. A few days after the filing, we learned from several sources that our information was incorrect: important Government operations still were carried on in 18.068-18.168 MHz, and were likely to remain there through June, 1989! Thus, our petition, while founded on what we understood to be fact, was actually premature from the Government viewpoint. Nevertheless, the ARRL is still seeking to find ways in which American amateurs can join others in operations on at least a portion of "17 meters." Should there be further progress, we'll let you know by bulletin and in these pages. Meanwhile, we must just listen to the DX on 17 meters!

All Amateur Radio Operators are invited to participate in the EMA Nets on 146.70 W3OK rpt. The Nets are held on Sundays at 9:30 AM and on Wednesdays at 7:00 PM.
The alternate repeater for these Nets is 145.110 W3PYF rpt.

The DLARC NEWS is the Official Publication of the Delaware Lehigh Amateur Radio Club Inc.

1986

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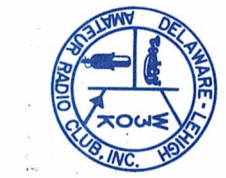
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CLUB MEETING NIGHT

All regular meetings of the D.L.A.R.C. are held on the First Thursday of each month at 7:30 PM in the Greystone Building at Gracedale.
Phone....759-2600

Any comments-questions-or articles contributed to this newsletter should be addressed to:

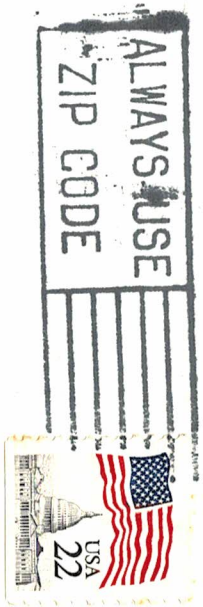
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NEWS





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MEETING NIGHT
THIS THURSDAY
7:30 PM