

ALLIANCE

AMATEUR

RADIO CLUB



ZERO BEAT



November, 1988

Officers

Trustees

Pres.-Dave Buckwalter-KC3CL
V.Pres-Allen Dicks-W1BT
Sec'y-Eric Gwynne,NBHHV
Treas-Patti Hillier-KE8KH

Larry Hillier-N8EWV
Ron Gwynne-WCSF
Jim Ferguson-N8DZA
Editor-Pam Myers, N8IAK

Listening to the weather forecast today and the prediction was snow. I don't think it's going to snow yet, but it won't be long!

The spotlitter is on a different page this month.

Best wishes to Jim Ferguson N8DZA who has been ill and Kris Buckwalter who is recovering from surgery.

Interested in Ten Meters?

Let's restart a tradition! The ARRL Ten Meter contest is coming up on December 10/11, 1988.

With the sunspot count on it's way back up, ten is becoming better & better, so let's take advantage of it.

Let's work this contest as a club effort. John Myers (K8BMQ) will be in charge of the planning for this project, so if you can help, or have any ideas, just give John a call.

Did you know? The first repeater on the air was in 1932. W1AWW, later W1HOM-relayed 5 meter signals. It was installed on a 90 foot look-out tower near Springfield Mass.

Effective October 1, the Ohio section of the ARRL has a new section manager. Jeff Maass KBND had wanted to resign, but finished his term. Newly elected SM is John Haungs, W8BSTX from Evendale, OH. Best wishes to John on his new position and also to Jeff in future endeavors.

Here's the October 1st callsign allocations from the League.

Extra-WK8I(19) Adv-KE8UL (15) T/G-N8JYT (53) Nov-K8BFNW(63)

Remember that if you need any 610 forms, get in touch with John K8BMQ who keeps a small supply.

Our Spotlight shines on NBEWV Larry Hillier this month. This article was prepared and edited by KEBKH Patti Hillier.

Larry is a relatively new ham. Although he had a long-time interest in Amateur Radio, his opportunity for licensing didn't come until early 1982 when he completed Novice classes given by the Warren Amateur Radio Association, in Warren, Ohio. His son, (Alan N8EZO), and nephew, (Eric Zines K8BIZ), were also licensed through these classes.

It wasn't long before Larry's Novice callsign, (K8PPO), was replaced. In April of 1982, he flew his own plane to Buffalo, New York to ultimately become NBEWV with the General upgrade. He has since become an Advanced class operator.

Larry has become very involved in the hobby and has helped and inspired his daughter, Diana (N4IYN), his wife, Patti (KEBKH), and two other nephews, Kelly (KB4HDD) and James (KB8EUS) to join the fun.

He now operates an Icom 751 on low bands, has RTTY, and uses Icom equipment for 2 meters. He has a general interest in all areas of Amateur Radio.

Larry has sponsored Jamboree On The Air for local scouts for the past 6 years. He has hosted Field Day at his home for 2 years, and has worked communications for several public service events.

In ARES, Larry worked many hours in Trumbull County (where he was raised) after the May 31, 1985 tornado went through. He flew over affected areas with other Amateurs, and videotaped the damage in an effort to assist Red Cross Disaster Assessment Teams. Later that year when floods devastated parts of PA, VA, MD, and WVA, Larry and John, N8GIE, flew to Franklin County, West Virginia, set up a radio station and assisted in communications for a week before telephone service was restored.

Larry played an integral part in forming and organizing the AARC as we know it. In May of 1986, Larry was elected Vice President of a long-time dormant Alliance Amateur Radio Club. He got going right away to secure a meeting place, fund raisers, new members and a solid organization. He then secured a 2 meter repeater which was installed and coordinated on 145.370. His intent was for area club members to enjoy a central repeater. He has served the AARC as V.Pres for 1 year, and as a Trustee for 2 years. He has served on the Repeater Committee for 2 years as well. He also taught code for the club's first Novice classes.

Larry is the originator and organizer of the 146.865 2 meter repeater. The machine is licensed KEBKH, and is installed at the Channels 45/49 WNEO broadcast tower just east of Alliance. The KEBKH Public Service Repeater Group, Inc. has claimed a great deal of his time and attention as the system has been built by LOTS OF HELP to a great level of sophistication and coverage.

Larry is self-employed, dba H&H Advertising where he operates a full-time saw sharpening service and a silk-screen lettering business. He has enjoyed numerous hobbies over the years including, water skiing, scuba diving, and radio control airplanes as well as full size airplanes (licensed as a Private Pilot since 1957).

Larry is a member of the Alliance Amateur Radio Club, Inc. (Trustee), Warren Amateur Radio Association, Inc. (Hamfest Co-Chairman), Salem Area Amateur Radio Association, The KEBKH Public Service Repeater Group, Inc. (Control Operator), and the ARRL.

Larry is enjoying family life with his wife Patti, and son Alan, and having fun with Amateur Radio as he awaits the arrival of his first grandchild--due Oct. 31st. (Larry has novice books ready). The expectant parents are his daughter Diana, and Son-In-Law, Bob Kane of Austintown, Ohio.



QRM FROM KC3CL

Well its time for you to write an article for the newsletter. Great and just where do you get ideas to write about? Well you could just babble on about things you saw on TV or heard on the car radio. No that won't work, no one would read it. Besides, this is Ham club newsletter, so why not write about Ham stuff.

This is good, now your on the right track. What about the stuff you heard on the repeater today? No, I don't think so. Some of that was ok, but not real exciting. Then again some wasn't worth hearing much less writing about.

What about club activities? There's the Fox Hunt coming up on Sunday September 25th beginning at 2:00 PM (14:00 EDT for you 24 hour time guys). We will be meeting in the parking lot of the First American Bank on State Street. Be there by 1:45 PM (13:45). The best part of the Fox hunt is the covered dish picnic afterwards. Anytime after 4:00 PM (16:00) we will be meeting at the Rodman Butler Park on State Street. Even Non-Fox Hunters are invited to the picnic. Bring the family and come and eat (Don't forget the covered dish).

There are less than 90 days till the club Christmas banquet. Whoops I probably shouldn't have said that 9 letter word.

October 8th and 9th is the weekend of the Pennsylvania QSO Party. Some of our club members are planning DXpeditions to rare PA counties to participate in the contest. Look for John and Alan (Pam says she is going too) from Indiana county. The call sign will be KD8MQ, or maybe that new Extra Class call N1FT. I will be somewhere else, but the location is presently undecided. Maybe Washington, Forest, Cambria or even Greene county. This contest can also be operated from Ohio. So you guys that stay home can get in on it. The complete rules are in the September QST, page 95. Basically the object is for PA stations to work as many contacts in the 67 PA counties, and ARRL sections as possible, while non-PA stations work only PA stations. This is a fun contest (although 40 meters can be murder) and it even stops during the night so you can sleep until Sunday morning. The club is eligible for an award if the aggregate score of the membership is the highest of all clubs submitted. This award has never been won by an out of state club.

The next club meeting is Monday October 3rd. The activity is to decide what activities we, the club (Your Club) should or will be doing in the future. Meeting attendance has been down somewhat, but that is because it was summer. Well summer is over and its time to put the lawnmower away and get back to some serious

Ham Radio stuff. What we need to do is come up with some really good ideas for the club to do. How about some technical projects that we all can get involved with? Maybe with the sunspots on the rise we could come up with some easy conversions to 10 meters for all those CB radios laying around. If you don't have a CB they can be picked up at flea markets and yard sales for under \$20.00, add another \$5.00 worth of parts, a new crystal and you have a nice 10 meter FM rig. Another idea is antenna building. Maybe we could have an antenna design and gain measuring contest. Speaking of contest what about a DX contest for club members only? Maybe our own DXCC contest. Lets say we start 1 January and all contacts must be worked after that date and see who gets 100 countries worked and confirmed first. The club could even offer an award, nicer than the ARRL certificate to the person who reaches DXCC first. Technical talks! Remember those? It's been awhile since we've had any at the meetings. But then again it was summer. Lets get everyone out to the next meeting and talk up those ideas. It is time you come out and support your club and share your ideas. There is a lot of talent and knowledge in our club, and there are a lot of new Hams who are looking to gain some of that knowledge.

See you at the hospital on October 3rd

73s

Dave KC3CL

QST - I'll bet you weren't aware that you can join or renew your membership in the ARRL through the club and help expand the club treasury at the same time. Just see Patti Hillier (KE8KH) when it's time to join the league or renew.

Also, how many of you are aware that the club keeps on hand, a stock of FCC form 610's? We also have license manuals for Novice through Extra. Just contact John, KD8MQ (821-5513 or 5.37R) for more info.

The AARC 3rd Annual Christmas Party is coming soon! The date is Friday December 16th at 7:30 at Colletta's. The menu will be as followed (choice) 8oz Strip Steak-\$7.95, Baked Fish-\$7.99 and Spaghetti-\$4.75. Added to these amounts will be a 20% gratuity. There will be a cash bar also. Make your reservations now! Send to AARC P.O. Box 3344 Alliance, Ohio 44601. More details at the next meeting.

Upcoming Events

October 29 VE testing Akron, Ohio contact KC8FH at (216) 633-5250

October 30 Marion Hamfest Talk in on 147.90/.30

November 20 Massillon Auctionfest K of C Hall, Doors open at 8:00a.m.

November 26 VE Testing Canton, contact WB8VUN (216) 453-5896

NOVEMBER 7 -AARC November meeting 7:30 Alliance Community Hospital. Don't miss it!!

Contests

Nov 5-6 ARRL CW Sweepstakes

Nov 12-13 European DX Contest

Nov 19-20 ARRL Phone Sweepstakes

Nov 26-27 CQ WW DX CW Contest

Dec 2-4 ARRL 160 meter contest

Dec 10-11 ARRL 10 meter contest (see below)

Congratulations

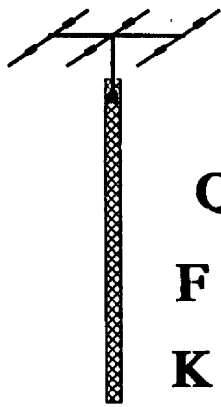
to Larry(NBEWV) & Patti(KE8KH) Hillier, who became proud grandparents. Larry's daughter, Diana(N4IYN) had a baby girl on October 20'th.

AARC
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WBUKQ
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05/89





**Q R M
FROM
KC3CL**

CO DX, CO DX.... Just keep an ear to the DX bands, and I'm sure you'll be hearing a lot of Alliance Amateur Radio Club members making this call. The club is sponsoring its own DXCC award. This award is also a contest. The object is to be the first to work and confirm 100 DX countries, as specified by the current ARRL DXCC Countries List. Sure you'll still be qualified for the ARRL DXCC award, but it won't stand up to the AARC award. How do I qualify for this AARC DXCC award? Well first you need a ham licence. Then you need to be a current paid member of AARC. After that it's easy. Right! Well almost easy.

The same rules as apply for the ARRL award also apply for the AARC DXCC award, with the exception that no contacts made previous to the official start date and time count toward the award. This rule is to give all members a fair chance in the soon to be, heated competition. As I mentioned the rules of the ARRL DXCC program apply. This means that any or all ham bands may be used, any mode or combinations of modes (SSB, AM, CW, RTTY, OSCAR, ect) may be used, and all QSO's must be confirmed by QSL and submitted to the AARC DXCC committee for verification. The first member to do all of this will be the winner.

Just what will you win? Come to the next meeting and find out. When does it start? Come to the next meeting and find out.

How do I go about working all this DX? Well the first thing is to know when and where to listen. This can be found out by listening to the W1AW Bulletins.

The DX Bulletin will tell you who, when, and where to listen, and the propagation Forcast Bulletin will provide the information as to whether the propagation path is open to where you want to work.

Below is the latest ARRL Propagation Forcast Bulletin. If you need help in understanding any of this come to the next meeting (Nov 7) and I'll try to help explain it.

The news on the 220 Band is not all good, but it's not all bad either. The House and Senate Resolutions had not passed as of this writing, but the senate was just 1 vote shy of a majority. The House was only about 25%. The legislation to return 220 as it was prior to the FCC ruling was not acted on and will not be during the remainder of this congressional session.

However, legislation was passed recognizing and emphasizing the important contributions of

DEW1AW

HR PROPAGATION FORECAST BULLETIN FR 42 ARLP042

FROM ARRL HEADQUARTERS

NEWINGTON CT OCTOBER 17, 1988

TO ALL RADIO AMATEURS BT

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BEGINNING SEPTEMBER 21 THE SOLAR FLUX WAS 149 OR HIGHER THROUGH OCTOBER 16, MAKING FOR GENERALLY GOOD CONDITIONS ON ALL DX FREQUENCIES THIS FALL SO FAR. THE PRINCIPAL EXCEPTION, A MAJOR GEOMAGNETIC DISTURBANCE ON OCTOBER 10, DISRUPTED WORK ON HIGH LATITUDE PATHS SUCH AS NORTHERN USA TO EUROPE.

THE SOLAR FLUX ROSE OVER THE PAST WEEKEND TO 155 ON OCTOBER 15. IT IS EXPECTED TO GO HIGHER LATER THIS WEEK, BUT ANY MAJOR RISE IS UNLIKELY FOR SEVERAL DAYS.

FOR THE NEXT SIX WEEKS OR SO THE POSITION OF THE SUN WILL FAVOR THE NORTH ATLANTIC PATH, IMPROVING OUR CHANCES FOR FAVORABLE RESULTS ON 21, 24 AND 28 MHZ, EVEN WITH MODERATE SOLAR FLUX LEVELS. TRANSATLANTIC WORK ON 50 MHZ MAY BE POSSIBLE IN NOVEMBER IF THE FLUX GOES TO 200 OR HIGHER BY THEN. THERE HAS BEEN ONE OVER 200 DAY ALREADY, OCTOBER 3, BUT THIS WAS TOO EARLY IN THE FALL FOR THE MUF TO REACH 50 MHZ.

CHANCES FOR INTERCONTINENTAL WORK ON 50 MHZ ARE MUCH BETTER TO SOUTH AMERICA THAN TO EUROPE THIS EARLY IN THE SOLAR CYCLE. THE MUF ON NORTH SOUTH PATHS APPEARS TO PEAK IMMEDIATELY FOLLOWING A MAJOR GEOMAGNETIC DISTURBANCE. THE AUTHOR OF THESE BULLETINS WOULD APPRECIATE KNOWING OF ANY 50 MHZ INTERCONTINENTAL OR TRANSEQUATORIAL WORK THIS FALL PLEASE SEND DETAILS TO ED TILTON, W1HDQ, PO BOX 5529, SPRING HILL, FL 34608.

AMERICAN SUNSPOT NUMBERS FOR OCTOBER 6 THROUGH 12 WERE BETWEEN 111 AND 140 WITH A MEAN OF 122.

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the amateur radio service to the public, and all were urged to use discretion in making and decisions regarding ham radio. I'll try and get the exact wording and a description as to what it all means.

Well I guess thats about all for this month, except did you here that N8EWV had 6,514 Boy Scouts over for milk and cookies, and JOTA? Well maybe not quite that many, but I heard he had standing room only in the shack.

73s & Good DX

Dave KC3CL

No, Dave's article wasn't
that good that we decided to
run it twice. Here is the
correct QRM for this month.
Sorry for the inconvenience.
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This page was NOT printed OR
mailed with club funds.
