



Special Event Station and Triathlon Keep AARC Busy In August

The AARC will be operating a Special Event Station again this year in the JC's pavilion on Saturday, August 19th from 10:00 AM until 5:00 PM. The planned frequencies of operation are:

- 7.148 MHz CW
- 14,045 MHz CW
- 14,058 MHz CW
- 21.250 Phone

Come out and operate or help out with equipment, or just come out

and hang out. On years past, Club members were allowed to drive into the park if they told the guards who they were and where they were going.

On August 20th operators will be needed to help out with the Triathlon. Ham operators will provide communications from the checkpoints to ensure the safety of the participants who will be riding bicycles from West Branch lake to Alliance and then

running several miles on the streets of Alliance. The event will take place from 8:00 AM until around noon.

In September, as you probably already know, our meeting room in the hospital will not be available, so there will not be a meeting on the first Wednesday in September. Instead, a pot-luck supper will be held on September 16th. Bob, K8RLS has reserved a cabin in Silver Park from 1:00 PM until 6:00 PM. Plans for the picnic will be finalized at the meeting, so come and give us your suggestions.



So that's how we got all those points!

De Olde Meeting Announcement

The next meeting of the Alliance ARC will be on Wednesday, August 2nd, in conference room 1A on the west end of the Café in the new Alliance Community Hospital. Our meetings begin at 7:30 PM, and are an excellent opportunity for eyeball QSO's. Directions can be found on the K8LTG Repeater (145.370) See you there!

Officers

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Editorial

Your Zero Beat Editor is on vacation, and hasn't been home much for the past few days but I would like to take this opportunity to suggest that you thank Bob, K8RLS for faithfully doing the event calendar and Don, AB8KV for doing the minutes each month. Without them, there wouldn't be much useful information in this rag.

KE8VE

Meetings

The Alliance Amateur Radio Club meets on the First Wednesday of every month, in the cafeteria of the Alliance Community Hospital. Talk-in is on 145.37 @. Meetings begin at 7:30 PM. Visitors are always welcome.

Nets

Thursday is our "net night," with the following nets on tap:

Ten meters

CW @ 8PM on 28.400 MHz
SSB @ 8:30PM on 28.400 MHz

2 meters

9 PM on 145.37 MHz

Internet

If you'd like to check us out on the web, our E-mail address is:

w8lky@w8lky.org

Our club home page is:

<http://www.w8lky.org>

Newsletter Information

The Zero Beat is a publication of the Alliance Amateur Radio Club, P.O. Box 3344, Alliance, OH 44601

Unless otherwise noted, permission is freely granted to reprint portions of the Zero Beat, as long as credit is given to the author & source.

You can submit material to the Zero Beat either electronically, to ke8ve@alliancelink.com, in person, or via snail mail. I can read most word processor formats, but prefer your files to be in straight text, E-mail, or Microsoft Word format.

July Minutes

ALLIANCE AMATEUR RADIO CLUB

July 5, 2006

The regular meeting of the Alliance Amateur Radio Club was held at the Alliance Community Hospital on July 5, 2006 at 7:30 PM with club president Robert Steele, K8RLS, presiding. The Pledge of Allegiance was recited, followed by introductions. There were 19 members and 2 guests present. The club welcomed guests Miriam Sanor and Rick Smith, KC8SUI who officially became a member at this meeting.

The minutes of the June meeting were published in the newsletter. The minutes were approved on a motion by Frank, WA8WHP and seconded by John, KD8MQ.

Mary Ann, KB8IVS, gave the treasurer's report. It was approved on a motion by Smitty, KC8TJQ, and seconded by Gladys, KB8GIA.

Old business:

Regarding Field Day: George, K3GP reported that the club did 41% better than last year with a score of 5,010 points. The general consensus was that this Field Day went very well in all respects. President Bob noted that he had received a bill for the rental of

the port-a-john. Although some felt that the price was excessive, most of the members indicated that they believed it was more or less reasonable. A motion by Larry, KE8VE and seconded by John, KD8MQ to pay the bill was approved on a voice vote.

Bob also asked the secretary to send notes of thanks to Subway for the sandwiches, Patty Blake of the Review for her write-up and pictures and Tony, KD8BBK for his general help.

Bob reported that a few other contests or events were going to conflict with the club's special event station for Carnation Days in the Park, but should not have a major impact.

President Bob reminded the club that the hospital conference room was not available for the September meeting and that a pot luck dinner at Silver Park on September 16 was being held in lieu of the regular meeting. Several members volunteered to bring entrees, desserts and other items. The cabin had been reserved for 1-4 PM, but after discussion it was decided that Bob would call and change the time to 1-6 PM.

John, KD8MQ noted that operators were needed for the Triathlon on August 20. As of this meeting, four persons were lined up.

New business:

President Bob reminded the club about the Portage County hamfest at Randolph on July 30. Don, K8OMO noted that the club will have a flea market space there. Among other items would be various pieces of equipment and parts obtained from Mount Union College during a clean-out of the physics lab.

Bob reported that the club's Post Office box rental was due. A motion to pay the rent was made by Jim, K8LTG and seconded by Joe, KC8TAC. The motion was approved on a voice vote.

President Bob and the club in general welcomed Rick Smith as the newest member of the AARC.

Don, K8OMO shared a QSL card he received from the Peter I Dxpedition. He also noted some statistics and other information about the event.

The meeting was then adjourned at 8:20 PM.

Respectfully submitted by Don Kingan, AB8KV, secretary.

THE WAYBACK MACHINE

ISSUE #24

by **Bill Continelli, W2XOY**

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The early 1950's were not a time of peace and security in the United States. The Korean War was in full force, with the constant threat of Communist Chinese intervention. The Iron Curtain cut Eastern Europe off from the Free World. The Soviet Union developed their own atomic weapons. Communists, real and imagined, roamed the United States, with Senator Joseph McCarthy in hot pursuit. Writers, actors, and directors suffered under the Hollywood Blacklist. In other words, the "Fabulous Fifties" were still a couple of years away.

Amateurs were on the air, but many feared that the FCC would eventually suspend operations, as they had during WWII. Amazingly, despite what QST called a "national emergency", there was no Civil Defense program in place to utilize amateur radio operators in case of enemy attack or natural disasters. The previous Civil Defense program--the War Emergency Radio Service--W.E.R.S. for short--had been out of service since 1945. Even in its heyday, W.E.R.S. had many shortcomings. It wasn't established until June 1942--7 months after the war started. It was limited to the 2 1/2 & 1 1/4 meter amateur bands, with no HF frequencies. Finally, W.E.R.S. operations, other than on the air drills, were limited to actual enemy activity. There was no provision for W.E.R.S. to be used during natural disasters.

The ARRL, FCC, and Civil Defense leaders learned from the mistakes of W.E.R.S., and were determined to have a viable radio Civil Defense program in place before it was needed. Thus, on December 19, 1951, at the same time that CONELRAD was announced, the FCC released the proposed regulations for RACES--The Radio Amateur Civil Emergency Service. On August 15, 1952, the final RACES regulations were put into effect. Amateur Radio operators now had a Civil Defense program in place that would utilize their communications skills.

Before a RACES unit could be authorized, there were some requirements that had to be met. First, the local government needed a Civil Defense organization and a

Communications Plan. The local Plan had to be approved at the State Civil Defense level. Next was the appointment of the RACES Radio Officer. The Radio Officer, or R.O. for short, had to hold a Conditional, General, Advanced, or Extra Class amateur license, or a first or second class commercial radiotelegraph or radiotelephone license. The potential Radio Officer submitted FCC Form 482 to receive certification--provided, of course, that they passed the loyalty investigation. Note that the Radio Officer did not need to be an amateur. The FCC and Civil Defense experts determined that about 25,000 amateurs might be available for RACES authorization. However, in a full scale national emergency, up to 200,000 radio operators would be needed. Thus, provisions were incorporated for qualified commercial licensees to become part of the RACES program.

After the Communications Plan was approved and the Radio Officer was certified, station authorizations could be issued. Amateurs submitted FCC Form 481 to have their station license made valid for RACES operation. Novices and Technicians were not eligible for RACES authorizations. The FCC and the ARRL emphasized that membership in RACES was NOT an invitation to continue casual amateur radio activity in a war. RACES was strictly dedicated to public service, under the direction and control of the local C.D. unit.

The frequencies initially allocated to RACES were:

1800-2000 kc (subject to LORAN restrictions)
3500-3510 kc
3990-4000 kc
28.55-28.75 mc
29.45-29.65 mc
50.35-50.75 mc
53.35-53.75 mc
145.17-145.71 mc
146.79-147.33 mc
220-225 mc

In addition, 1750-1800 kc (which was outside of our 160 meter band) was allowed under Disaster Communications Service.

Note that the initial frequencies did not include the 40, 20 and 15 meter bands. The 15 meter band was not yet

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August 2006

Birthday Greetings: N8IGZ, N8NLZ, K8DXR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																										
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<p style="text-align: center; font-size: 2em;"><i>20</i></p> <p style="color: blue; font-weight: bold;">49th Annual Hamfest, Champion, OH</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <p style="text-align: center; color: red; font-weight: bold;">N8NLZ</p> <p style="text-align: center; color: red; font-weight: bold;">Triathlon</p> </div>	<p style="text-align: center; font-size: 2em;"><i>21</i></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> Columbiana Cty. Train. Net 8 pm </div> <div style="border: 1px solid black; padding: 2px;"> <p style="text-align: center; color: red; font-weight: bold;">K8DXR</p> <p style="font-size: 0.8em;">Run for the Bacon QRP Contest</p> </div>	<p style="text-align: center; font-size: 2em;"><i>22</i></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> Canton ARES Net 7pm 147.12 </div> <div style="border: 1px solid black; padding: 2px;"> N. Columbiana Cty. ARES Net 9 pm 147.255 </div>	<p style="text-align: center; font-size: 2em;"><i>23</i></p> <div style="border: 1px solid black; padding: 2px;"> Carroll Cty Net 0100 UTC 147.075 </div>	<p style="text-align: center; font-size: 2em;"><i>24</i></p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> AARC Nets 8:00, 8:30, 9:00 </div> <div style="border: 1px solid black; padding: 2px;"> QCWA Net 7:30 </div>	<p style="text-align: center; font-size: 2em;"><i>25</i></p> <div style="border: 1px solid black; padding: 2px;"> Massillon Net 8pm 147.18 </div>	<p style="text-align: center; font-size: 2em;"><i>26</i></p> <p>ALARA Contest</p> <p style="color: green; font-weight: bold;">CANTON & MASSILLON ARC'S VE, MASSILLON, OH</p> <p>Hawaii QSO Party</p> <p>Keyman's Club of Japan Contest</p> <p>Ohio QSO Party</p> <p>SARL HF CW Contest</p> <p>SCC RTTY Championship</p> <p>YO DX HF Contest</p>																																										
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Amateur radio - when all else fails ...



Alliance Amateur Radio Club
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WAYBACK MACHINE

(Continued from page 4)

available to amateurs when RACES was first proposed. Later, 40, 20 and 15 were added, and the 75 meter phone segment was expanded.

Reaction to the RACES frequencies was mixed. Some were upset that they were insufficient, and were not exclusive to RACES. Others thought of it as a diabolical plot on the part of government agencies and commercial interests to grab parts of the amateur bands for non amateur use by non amateur personnel.

RACES was never used during an enemy attack. Over the years, however, it proved its value in countless natural disasters. Frequencies were expanded, and Novices and Technicians were brought into the fold.

One interesting fact about RACES--it was designed to be a TEMPORARY service. The initial regulations indicated that it would be discontinued after the termination of the national emergency. CONELRAD has been

gone for 37 years, and the "Fallout Shelter" signs are rusting away on the walls of abandoned buildings. Why does RACES--a temporary service--still live? The answer is found in every natural disaster that hits the U.S.--every tornado, hurricane, flood, earthquake, blizzard and fire. Every time dedicated amateurs, working with their local C.D. Officials, provide effective emergency communications, they keep a "temporary" service alive.

In our next installment we will explore "Long Delayed Echoes". Is there a natural explanation? Or, were they truly something "out of this world?"

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