



Merry Christmas

Well, it's that time of year again. What happened to 2004? It doesn't seem like more than six months since our last Christmas party and here it is almost time for another one. If it's sneaking up on you as it is on me, and you haven't turned in your reservations yet, you will have to hurry, because there are only a few more days to turn them in. Fortunately, you can come to the meeting and give your selections to Mary Ann, or there is still time to get it in the mail, but you'll have to hurry. Reservations need to be in by December 4th.

In case you lost your November newsletter with the reservation form in it, it has been reprinted in this issue of the Zero beat, with the

correct date, December 18th.

As always, the Ham of the Year award will be presented at the banquet by our current recipient, Joe, KC8TAC. If you haven't voted yet, make sure you get your vote in to Joe by the meeting on December 1st or your vote won't count. They need time to get the engraving done.

Entertainment this year will be provided by you, so make sure you show up. Of course, we will also have our usual prize drawing, and you can't win if you don't show up, so make sure you show up. And since you might be our next Ham of the Year, make sure you show up, hi!

while he was in Washington, and then W6EZV when he retired in California.

KOAIR was originally a military recreation station at Offutt Air Base. It lapsed around 1980 and was unassigned until the Vanity Callsign program came along. SAC veterans and other local Hams recovered the call in February 1997. It is now used for special events. Check QRZ.COM for more info on these stations.

Jack also worked the following stations on 20 meters SSB:

K5EOK in Guthrie, OK, the first capital of Oklahoma.

(Continued on page 3)

Veterans Day Operation at W8WEN

Jack, W8WEN reported working several interesting Special Event stations on Veterans Day. On 20 CW he worked WW2SUB, the WWII USS Batfish Memorial Station, which is located in Muskogee, OK. The WWII submarine was given to the city of Muskogee after it was decommissioned to be used as a memorial. It was taken up the Mississippi and Arkansas rivers slung between two barges.

On 20 phone, yes, Jack actually admitted to working phone, he worked K0GRL and KOAIR,

which are both stations operated by the Strategic Air Command Memorial Amateur Radio Club (SACMARC). K0GRL was originally the callsign of General Curtis E. LeMay when he was assigned to Offutt Air Base near Omaha, NE. Offutt was headquarters for the Strategic Air Command from 1946 to 1992.

General LeMay was Jack's Commanding General when he was in India with the 20th Air force, 20th Bomber Command. Later, the General was assigned the call K4FRA

De Olde Meeting Announcement

The next meeting of the Alliance ARC will be on Wednesday, December 1st, in the cafeteria of the 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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K8DEN Remembered

I first met Ray in the Post Office in 1989, about a year after I got my ticket. Of course, I had seen him in there before that, along with the other employees, but I hadn't ever talked to him. One day, I went I to get some stamps to mail some QSL cards and I had my hat with my callsign and my HT, and Ray introduced himself and said he was K8DEN. He said he hadn't been very active lately, but he wanted to get back into Ham Radio and was going to buy a new radio. I told him about the activities of the Club and he soon became a member.

When ever I went to the Post Office, if they weren't too busy, I always stopped in to talk to Ray for a few minutes. I always enjoyed our eyeball QSOs. I used to bug him to upgrade and he always said he would when he retired, but about that time the FCC "Grandfathered" him, which worked out real good.

When Ray retired, the Post Office just wasn't the same because you couldn't stop in and talk Ham Radio anymore, but I still talked to him on the air sometimes and heard him talking to others. I'll miss Ray. I think we will all miss Ray.

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@qsl.net

Our club home page is:

[Http://www.qsl.net/w8lky](http://www.qsl.net/w8lky)

Newsletter Information

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

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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.

November Minutes

ALLIANCE AMATEUR RADIO CLUB

November 3, 2004

The regular meeting of the Alliance Amateur Radio Club was held at the Alliance Community Hospital on November 3, 2004, at 7:30 P. M., with Robert Steele K8RLS, president, presiding. Secretary David Glass W8UKQ kept the minutes. There were 20 members and one guest present.

The Pledge of Allegiance was given, and introductions were made.

The minutes of the regular meeting for October were published in the newsletter. The total of the treasury balance was reported for the month. The minutes were approved upon motion by Frank WA8WHP, seconded by Howard K8DXR.

Mary Ann KB8IVS reported the treasury balances. The report was approved upon motion by Howard K8DXR, seconded by Jerry K8CAT.

.Old Business: Bob K8RLS thanked the members for their support in the club elections last month.

Don K8OMO reported some problems with the Homeland Security station. Volunteers are needed. He has done some work on the 145.37- machine.

Christmas Party reservations are due by the next meeting or December 4 at the latest. The Ham of the Year nominations must be in by the next meeting, December 1. Bob K8RLS displayed a copy of the certificate for our Special Event. Also, he has the CD, Amateur Radio Today, by the ARRL for anyone who wishes to play it. There will not be a net on Thanksgiving. Echo link will be up for our nets soon.

ARRL will allow a commission of \$15 to the club for any new ARRL membership sent in. For renewals it is \$2.

A letter from Hams Across the Country was read. They are collecting toys and donations for families who were in the hurricanes. Jack W8WEN, seconded by David N8NLZ, moved to send a donation of \$25 to White Dove, c/o United Way of Martin County, Stuart, FL 34994. Motion approved.

Ray K8DEN was to go home from the hospital this date. Hospice is taking over. (Secretary's note: He became a Silent Key on November 11, 2004)

Doug Bowling AB8CJ is closing the station at Marlinton High School because of lack of time. The equipment will be offered to another school.

The Ohio Military Reserve Unit is a volunteer group looking for radio operators. There has been good response for volunteers for

the unit. They will drill for one day a month and one week per year.

W8SSV has a 220-440-6 meter repeater in Carrollton. K8IHQ updates Heath kits equipment.

The meeting adjourned at 8:28 PM upon motion by Jerry K8CAT, seconded by Bob K8RLS.

Respectfully submitted, Dave Glass W8UKQ, Secretary

W8WEN's Operation

(Continued from page 1)

W5C, the Clinton Library in Little Rock, AR.

K0D a Special Event station in Minnesota commemorating Scandinavian Day.

Jack said, "When I called K0D a different station answered. W8ACR Ron in ND. He says Jack in Alliance, OH, right. Yes I answered. He says I used to live in North Benton, OH. Before I could ask him anything else, K0D came back calling me. So I went back to K0D. Then I heard a K7 working W8ACR. The frequency was really hopping with a special event and ND on the same frequency.

The original W8ACR I believe lived on Meese Rd in Louisville and he was K8LN's father. I worked him from Youngstown on 10 mtrs back in the late 1940's. Obviously not Ron."

THE WAYBACK MACHINE

ISSUE #12

by **Bill Continelli, W2XOY**

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November 15, 1945. The day that amateurs had waited for, ever since December 7, 1941. Finally, after three years and 11 months of wartime radio silence, amateurs were allowed back on the air! Granted, we didn't have everything back yet. The initial authorization allowed amateur operations on 10 meters (28-29.7 Mc), five meters (56-60 Mc), and the new two meter band at 144-148 Mc. And there were restrictions on these limited frequencies. Our old pre-war five meter allocation was temporary. The new post-war band was shifted to six meters (50-54 Mc), but the actual transition would not take place until March 1, 1946. So, we were back on the 56-60 Mc segment for only 3-1/2 months.

On the new two meter band, the frequencies 146.5-148 Mc were unavailable within a 50 mile radius of Washington, DC and Seattle, Washington. The military was still using these frequencies, as well as our 160, 80, 40, and 20 meter HF bands. The military also occupied our new UHF and microwave allocations. It would be months, maybe a year or more, before the Armed Forces would fully vacate our bands and return them to us.

But amateurs didn't care. Unlike 1919, when there was open hostility to us by the military and the threat of our elimination, the post WW II Armed Forces, as well as the FCC, were fully aware of the tremendous assistance that amateurs had given throughout the war and they were eager to give us back our frequencies. The ARRL was working closely with the FCC and the military to get our bands back.

One band, however, was apparently not coming back. Our 160 meter band, the birthplace of our post 1912 operations, was fully occupied by the military with it's new LORAN Radionavigation System. The Armed Services and the FCC made it clear that this segment was to remain for the use of LORAN. Over the years, the ARRL obtained small concessions -- a 25 Kc segment here and there, 25 watt power limitations, day and night restrictions; but from the 1940s right up to the early 80s, our 160 meter band sounded like a huge

broadbanded buzzsaw as LORAN completely dominated it.

But this was a minor blot on the landscape as amateurs rushed to get back on the air. Ten meters was the band they went to first and the 28-29.7 Mc range became crowded with those making up for lost time. Two meters was next; hams modified their old 2 1/2 meter equipment to operate on the new band, and soon the rushing sounds of the superregenerative receiver were everywhere. The more adventurous were trying out something called FM. Five meters was quiet. Since the band was available for only 105 days, many hams spent that time converting their rigs to the new six meter band.

On March 1, 1946, our old five meter band died and the new 50-54 Mc segment was born. Also on that date, to compensate amateurs for the loss of 29.7-30 Mc, we were given an 11 meter band at 27 mc. That's right, the present day CB band was once an amateur allocation.

By May 1946, we had our 80/75 meter allocation back. We also had a temporary allocation from 235-240 Mc, which would soon be shifted down to 220-225 Mc. On November 2, 1946, the FCC finally released our 40 and 20 meter bands. By the end of 1946, we had our full HF spectrum back, 80/75, 40 meters (which was CW only), 20, 11 and 10 meters. Note that there was no 15 meter allocation then. Our 15 meter band did not appear until 1952. The military restrictions on our two meter band were lifted in June 1947, and, except for 160 meters, the military was off of our bands.

By 1947, every amateur band from 80 thru two meters was full of stations. But there was trouble brewing. Amateurs weren't the only ones taking to the airwaves. Television was growing by leaps and bounds. In 1946, there were only 7,000 TV sets. In 1947, the number jumped to 180,000, and by 1948, there were over 1 million TVs in use. Amateurs, who were used to harmonically related bands and an empty VHF spectrum, were not prepared for the TVI their neighbors were experiencing. A typical unshielded amateur transmitter, operating on 14, 28 or 50 Mc, could wipe out all the TVs in the neighborhood. QST ran a series of articles on proper shielding and filtering of stations and hams gradually learned to eliminate harmonics from their

(Continued on last page)

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Alliance Amateur Radio Club

Christmas Party



Reservation Form

The annual Alliance Amateur Radio Club Christmas banquet is scheduled for Saturday, December 18th at Mike's Roadhouse Charly, 2239 West State Street. There will be a cash bar at 6:00, with dinner served at 7:00 pm. Please fill out this reservation form, and return it to Mary Ann Royer, KB8IVS, with your check made out to the Alliance Amateur Radio Club. Mary Ann's address is: 6255 Sandalwood NE, Canton, OH 44721-3340.

Our menu this year will be as follows:

20 oz. Porterhouse	\$25.00
12 oz. New York Strip Steak	\$22.75
Note: all steaks are done medium(?)	
Broiled Scrod	\$16.95
BBQ Ribs, half slab	\$15.75

Dinners include: a vegetable, choice of rice or baked potato, salad, roll & butter, and coffee, tea or soft drink. Prices include 6.5% tax and 15% gratuity.

Name: _____

	# of each	Total	√ or # of each	
20 oz. Porterhouse	_____ @ \$25.00 = _____	_____	_____ Rice	_____ Baked Potato
12 oz. New York Strip Steak	_____ @ \$22.75 = _____	_____	_____ Rice	_____ Baked Potato
Broiled Scrod	_____ @ \$16.95 = _____	_____	_____ Rice	_____ Baked Potato
BBQ Ribs, half slab	_____ @ \$15.75 = _____	_____	_____ Rice	_____ Baked Potato

Total enclosed = _____

Note: All reservations must be received by December 4th.

December 2004

Birthday Greetings to: KC8ETZ, N8PLA, N8DAV, KA8GRC

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																										
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Politics is supposed to be the second oldest profession. I have come to realize that it bears a very close resemblance to the first.



Alliance Amateur Radio Club
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Wayback Machine

(Continued from page 4)

transmitters. But there was one band where shielding and good design didn't seem to help -- six meters. Our 50-54 Mc segment was sandwiched right between TV channel 1 (44-50 Mc) and channel 2 (54-60 Mc). At that time, only channel 2 was actually being used for TV. The channel 1 range was still part of the old pre-war FM Band (42-50 Mc) which was being phased out in favor of the new 88-108 Mc allocation. We were causing interference to WCBS and the other handful of stations on channel 2. And the problem would only get worse when channel 1 became available. Tests were run and an interesting solution was proposed. Because a television video signal is amplitude modulated, operates with a wide bandwidth and uses the lower portion of the TV channel, it was determined that channel 2 was twice as susceptible to interference from a 6 meter station than channel 1 was. The ARRL's proposal to the FCC? Eliminate channel 2, keep channel 1. But this idea didn't sit well with the stations already on channel 2, nor did it win the approval of Major Armstrong, who was still fighting the grand battle to keep FM Broad-

cast in the 42-50 Mc range. And so, in August 1947, the FCC withdrew channel 1 from the TV allocations. By the end of 1947, all the pre-war FM broadcast stations had disappeared from the 42-50 Mc range, which was then turned over to Public Service. Amateurs learned to operate in the lower portions of 6 meters to avoid TVI to channel 2.

In our next installment, we are going to look at a major upheaval that began 30 years ago and pitted amateur against amateur, and (according to some) the ARRL against hams. I'm talking about incentive licensing, and how it changed the entire licensing structure.

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