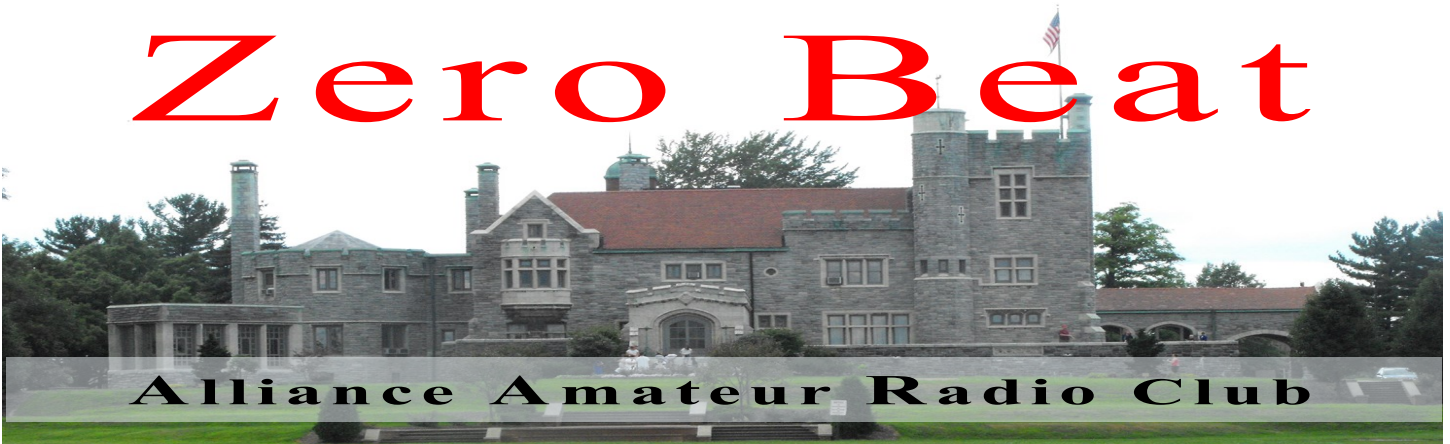


Zero Beat



Volume XXVII, no 10

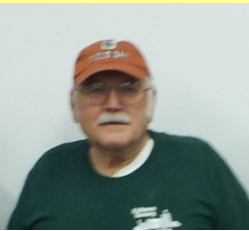
<http://www.w8lky.org>

October, 2013

Serving the Tri-County area since 1986

Random Access

By Frank Sanor, WA8WHP



Another month is here. Our club is active and you could be part of it. Operating at our on-the-air activities is enjoyable and can be instructive.

Have you operated at Field Day or the Carnation Days special event or helped at one of the charity runs? If so you know they are enjoyable. If you haven't you have missed out on a chance to improve your skills.

Have you tried a new mode? There are quite a few modes that are fairly new and you could help develop the technology and the techniques of their operation.

There are also the old standbys of FM, AM, SSB and CW as well as RTTY. Try one you have not used before. You may find you like it. Personally I have tried some of the new digital modes and find I have a lot of learning to do. There are some of us who are more adept at the implementation of those mode. I plan to ask for help when I have a problem I cannot solve on my own.

If you want to try a new mode ask a member who has more experience in that mode. I would be surprised if you could not find some help among our members. It is very gratifying to see some of our newer members showing a very good grasp of some of the older modes.

The upcoming meeting is our election. Have you any ideas you would like to see implemented? Volunteer for an office and bring them to the group and lead the project to completion.

The November meeting is "Homebrew Night". Do you have a project you constructed or a computer or wireless app you developed? Bring it to show and maybe induce someone else to try and maybe improve on your idea.

73 CUL
DE WA8WHP
Frank

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AARC Meetings

The Alliance Amateur Radio Club meets on the Second Wednesday of each month, at the Alliance Community Hospital. Check the meeting announcement on page 1, for times, and program information. Talk-in on either of the club repeaters. Meetings begin at 7:30 PM. Visitors are always welcome.

Find Us Online:

Web: www.w8lky.org

E-mail: W8lky@w8lky.org



AARC Repeaters

2 Meters

145.370 (-) W8LKY
-W8LKY Echolink node

440 MHz

442.350 (+) W8LKY
(Neither club repeater uses PL for access)

Nets

Thursday is our "net night," with the following nets held, beginning at 8 PM

Ten Meters

8:00PM 28.100 MHz (CW)
8:30PM 28.400 MHz (SSB)

Two Meters

9:00 PM 145.37 MHz W8LKY (-)

Homeland security Net

(Meets on the last Tuesday of each month
8:00 PM 147.51 Simplex

Ron Gwynne, WC8F SK

This club has lost another of its long time supporters. Ron, WC8F passed away on September 21st. Calling hours were held on September 25th, & the funeral was held the day after.

The club fox hunt, normally held on the 4th Wednesday of the month, was cancelled, so as not to cause a conflict with the calling hours. The choice of dates for the calling hours was somehow fitting, since Ron was a long time fox hunter. He had won several of our early fox hunts, and hosted more than a few. The amazing thing was that Ron did very well in our hunts, even though he used no specialized equipment. His "weapon" of choice was usually an HT with a rubber duck style of antenna. Yes, He homed in on the fox using nothing more than his wits, and a S-Meter!



But, when it was his turn to be the fox, he sure didn't embrace the minimalist approach! One hunt in particular, He, Eric (N8HHV), and Barb (KB8CDA) set up a long 2 Meter Yagi, and a 160 Watt amp to bounce their signal off of the top of the City Savings building where the Alliance PD antennas were mounted. I wonder if the PD ever figured out the source of the interference on their repeater that day.

Back in the 1980s, When Pam (my first wife) got licensed, we just didn't have the cash to buy an HT. Our only Two-Meter rig was my old Azden with the continually defective microphone. I still have that rig, BTW. Ron gave us a Kenwood TR-2500 that he no longer had use for.

He never wanted any recognition for it. That's just the kind of guy that Ron was. He was a quiet, soft-spoken guy that wouldn't stand out in a crowd, but he was a good friend.

RIP Ron (KD8MQ)

E. Mike McCardel, KC8YLD is appointed as VP within AMSAT – Search for new Ohio Section ACC begins

Late news has been received that E. Mike McCardel, KC8YLD has been Appointed AMSAT VP-Educational Relations. You may remember E. Mike as our Affiliated Club Coordinator (ACC). He spoke at one of our club meetings a couple of years ago. You may remember him as always advising clubs to "**Get Out Of Meeting Mode.**"

We wish E. Mike the best as he begins this new chapter in his life.



AARC Elections Coming Up

Well, it's October again. That means a lot of things, but most importantly, time for club elections. On October 9th, we'll be electing President, Vice-President, Secretary, Treasurer, and one Trustee. This year, Tony, KD8BBK will be wrapping up his 3-year term at trustee.



Front Row(I-r)

Mary, KD8RFZ
Mary Ann, KB8IVS

Back Row(I-r)

Steve, KB8RFE
Don, AB8KV
Frank, WA8WHP
Tony, KD8BBK
Ben, KD8KMQ

A big thank you goes out to all who have served this year. We hope you will run again. However, life goes on, priorities change, and we all sometimes just get tired.

So, some new faces are expected, and encouraged. If you are interested in running for any of these positions, please contact one of the trustees, and let your wishes be known. Nominations will be accepted from the floor at the annual meeting.

The annual meeting, by the way, will immediately follow the regular October meeting. We hope to see you there.

Fundraiser At November Meeting To Benefit Fire Department Toy Drive

Pending membership approval, there will be multiple winners from the 50/50 drawing at the November meeting.

Every year, the fire department buys toys, and distributes them to poor, and underprivileged children in Alliance, and the surrounding areas.

The big winner will be the kids who benefit from

(Continued on page 5)



Fundraiser At November Meeting To Benefit Fire Department Toy Drive - cont.

(Continued from page 4)

the Fire department Toy Drive.

The other winners will be the winners of the clubs 50/50 drawing. As usual, there will be a ticket drawn for the cash prize drawing.

Then, that ticket will be placed back in the drum, and the fun begins. The next ticket drawn will be for a brand-spanking new (Make & Model to be determined) HT. Subsequent drawings will be held for prizes which have been donated.

Last years drawing resulted in over \$200 being donated to the Fire Department toy drive. How about we try to better that this year?

So, bust open those piggy banks, and come to the November meeting prepared to donate to a good cause! You may just walk away with a new HT, or maybe one of the fabulous yet-to-be announced prizes!

Ham of the Year ballots are due



Now's the time to cast your vote for the 2013 Ham of the Year.

Get your ballot to John, KD8MQ ASAP! His contact info is on page two.

tvguy07@gmail.com

PREVIOUS HAMS OF THE YEAR

1989	Jim Ferguson	N8DZA (SK)
1990	Dave Buckwalter	KC3CL
1991	Jack Bennett	W8WEN (SK)
1992	John Myers	WX8G
1993	Pam Myers	N8IAK
1994	Larry Ashburn	KE8VE (SK)
1995	Gladys Wilson	KB8GIA
1996	Don Whitaker	K8OMO
1997	James W. Wilson	KB8GHZ (SK)
1998	Mary Ann Royer	KB8IVS
1999	David Glass	W8UKQ (SK)
2000	Jerry Wheeler	KG8RN
2001	Robert L. Steele	K8RLS (SK)
2002	Samuel Eberling	KC8ETZ
2003	Joe Young	KC8TAC
2004	George Proudfoot	K3GP
2005	David Glass	W8UKQ (SK)
2006	Franklin A. Sanor	WA8WHP
2007	Howard Miller	K8DXR
2008	John Myers	KD8MQ
2009	Larry Ashburn	KE8VE (SK)
2010	Tony Schilling	KD8BBK
2011	Don Kingan	AB8KV
2012	John Myers	KD8MQ

My vote for Ham of the Year is:

Comments (optional)

The question is: "Explain amateur radio?"

Seems to be a pretty simple question, but think about it, do you have the right answer or answers?

Dare say most of us would not be able to succinctly give an answer. That is, without saying what we did, and even a few who would slip into jargon and ham-lingo to give some sort of a reply.

As every good salesperson learns it is essential to know about the product or service on offer to have a hope of clinching a deal with a customer. So it should be with amateur radio, if we are to be successful in recruiting new people into our ranks. Unless we have the right messages and can communicate them, true success is not realized.

The Wireless Institute of Australia (WIA) in the lead-up to its **PR4AmateurRadio Expo** in April will help clubs or groups maximize their involvement in this publicity drive.

And as an 'explain amateur radio' **Ed VK2JI** says it's time to "Wake up and smell the roses!" it's a kind of Ham Radio 101 primer.

How often do we hear each other saying this or that was good "Back in the day"? Well I've been around the traps a few times and agree the 70's and 80's were great for Amateur Radio and its importance in the world. But STOP and take a look around. You may not have realized it but it's GREAT to be in Amateur Radio again.

- With regular contacts to the space station
- With Amateur Radio providing an essential service in many, many disaster situations around the world.
- With great contests and DXpeditions in many cases to places not possible before.
- With new construction kits letting even a newcomer build a complete stable transceiver in a few nights work.
- With portable operation being at its highest for a long time with Summit and Park activation award schemes.
- With the use of QRP both portable and with new data modes that were never around "Back in the day" allowing communications below the noise level.
- With Digital and Analogue repeaters allowing a handy talkie to talk around the world.
- With tracking and data comms via APRS.

With balloon launches to the outer layers of the Earth's atmosphere. We are seeking more young people to join our fantastic hobby - we now have so many more things to offer them than we had "Back in the day".

So PLEASE the next time someone says to you - "So what's this ham radio thing about" Don't say "well it used to be good but now it's just a bunch of us old folk chatting to each other".

While that's important, there are so, so, many other facets to the hobby today that simply didn't exist years ago.

WAKE UP AND SMELL THE ROSES!

The Amateur Radio hobby is **Back In Bloom** and leading technology as always.

(This was posted in the Southgate ARC (England) bulletin. Original source is the WIA Bulletin (Wireless Institute of Australia. I pulled it from the ARRL PR Reflector.)

The AARC Wayback Machine - cont.

Here again are some of the highlights from the last 20 years of the Zero Beat. you can read them at <http://www.w8lky.org/newsletters/>.

October, 1988, (editor N8IAK)

- This was a short 4 page newsletter, due to the editor being ill. No spotlitter column.
- The upcoming meeting announcement promised a meeting on Navy MARS, presented by Jack Hubbard, NI8N.
- SAARA had just purchased a communications trailer.
- President, KC3CL was telling everyone to bring one of their QSL's to the next club meeting.
- We had just begun our largest novice class to date, with 23 students. Jim, N8DZA (K8LTG), and John, KD8MQ were instructing.
- The winning team for the September 1988 fox hunt was Rich, WB8TPG, and Janie, WB8TPF, who found the fox cowering at early hill park, on the north end of Alliance. The hunt was followed by a club picnic at Butler-Rodman park.

October, 1993, (editor N8LVO)

- The October issue proved to be the last Zero Beat for Dan, N8LVO. He also stepped down as net manager, and club secretary.
- In the it's never too early department, the Christmas party reservation form was included in this issue. The 1988 party was planned for Saturday, Dec. 18th at Roadhouse Charlies. On the same page was the Ham of the Year ballot.
- Pam, N8IAK, was planning to not seek re-election as club president.

October, 1998, (editor K8LTG)

- K8OMO was not seeking re-election as club president.
- The club assisted the Red Cross in a mock disaster near Malvern.
- N8PLA was invited to the SAARA meeting to speak on Safety Breaks.

October, 2003, (editor KE8VE)

- The time for the 2003 annual meeting was upon us once again. Larry was asking that everyone attend.
- KE8VE was trying to drum up support for a fox hunt.

October, 2008, (editor KD8MQ)

- The annual AARC picnic was coming up. We had rented the Jaycee pavilion that year.
- Club elections were fast approaching. As such, the club bylaws were printed in that issue of the Zero Beat (Editors Note - You no longer have to wait for the October issue to read the bylaws. The club by-laws are now available on the club website).
- Hurricane Ike had just rolled through the area. K8OMO sought shelter underneath a car, changing a fuel pump.
- Radio classes were set to begin in September, taught by Larry, KE8VE.

The Amateurs Code

1 - The amateur is considerate

He never knowingly uses the air in such a way as to lessen the pleasure of others

2 - The amateur is loyal

He offers his loyalty, encouragement and support to his fellow radio amateurs, his local club and his national association, through which amateur radio is represented

3 - The amateur is progressive

He keeps his station abreast of science. It is well-built and efficient. His operating practice is above reproach

4 - The amateur is friendly

Slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance, cooperation and consideration for the interests of others; these are the marks of the amateur spirit

5 - The amateur is balanced

Radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school or his community

6 - The amateur is patriotic

His knowledge and his station are always ready for service of his country and his community

Paul Segal, W9EEA (1928)

Who was Paul M. Segal, W9EEA?

The Amateur's Code on the preceding page was written in 1928 by Paul Segal, W9EEA.

Mr. Segal was young attorney from Denver, when he was elected as Director of the ARRL Rocky Mountain Division.

The 1920's appear to have been a perilous time in which to be a Ham. Mr. Segal pressed into service to fight oppressive local ordinances which would have proved hazardous to our hobby.

He quickly became invaluable to the league as general counsel; a position he retained until his retirement in 1962.

Of course, there is much more to the story than that. For more information, I recommend reading "**Paul M. Segal—A Tribute**", on page 40, of the January, 1962 issue of QST. It is available on the league's website, as a perk of membership.

Also, in my readings, I found a piece entitled "**Re: The Amateurs Code**", Written by Rufus P. Turner, (no call listed). Mr. Turner cautioned us all to remember to be balanced; keeping in mind that Ham Radio is a hobby.

To quote the letter, '***The balanced amateur does not lead the one-sided life that the public ties up with ham radio. He still finds time to make his interests liberal and broad, though he devotes the greater portion of his energy, when he is at leisure, to his hobby***'.

The letter has as much relevance today, as when it was written in 1932. It can be found in the QST archives, on pg44 of the June, 1931 issue of QST.

(ed. Note - In case you've noticed that this article looks familiar, it is a reprint from last year's October of the Zero Beat.)

Excerpt from Bylaws

(ed. Note - Here's a excerpt from the bylaws regarding the duties of officers)

A. The **President** shall preside at all meetings of this club and conduct them according to Robert's Rules of Order. The President shall be responsible to ensure positions are filled and to conduct the business of the club. Examples of these positions are: Newsletter Editor, Equipment Chairman, Program Chairman, etc.

B. The **Vice President** shall assume all duties of the president in his/her absence. He/She shall also organize club activities and programs not otherwise designated to a committee, or other member.

C. The **Secretary** shall record minutes of all meetings, keep a roll of members and receive applications for membership.

D. The **Treasurer** shall receive and receipt all monies paid to the club, keep an accurate account of all monies received and expended, pay no bills without a majority vote at a regular meeting by the club, and shall make a brief financial report at each regular meeting.

C. The **trustees** shall have the control and management of the property of the club, subject only to the action of the membership, audit the books of the corporation, conduct the annual meeting, and further duties as may be required of them by the members.

PA QSO Party Is Only Days Away!

Contest season is approaching, and along with the biggies, I always look forward to the PA QSO Party. This dates for this years contest are October 12th & 13th.

The PA party is one of, if not the best of the state QSO Parties. The contest period runs from Noon, on October 12th, to 6 PM on October 13th, with an 8 hour break between 1AM & 9 AM Sunday morning.

The rules are simple, and can be found online at <http://www.nittany-arc.net/PAQSO.html>.

For those who may be planning rover, mobile, or portable operations, and want to concentrate on those counties which have proven to be rare previous parties have a look at http://kd8mq.net/?page_id=9. Activity levels by counties are available there.

Also, there is a Pa QSO Party Reflector where many operators post their party plans. Bud, AA3B compiles the plans and posts them to the reflector every week.

As I said before, this is one of the best of the state QSO Parties. If you are pursuing your Worked all Counties, it's a great way to polish off an entire state in one weekend.

Ben, KD8KMQ, Allen, WI8T, and myself are again descending upon John, N8PLA's Jefferson County cabin, in Sigel, PA. Allen, & I have participated in the party almost every year since 1987. We've moved around some, activating such counties as Indiana, Armstrong, Butler, Clarion, forest, and most recently, Jefferson.

This years bread & butter bands for us are likely to be 40 & 80 SSB. We'll also be giving 6 Meters a try. CW, and PSK are also being planned.

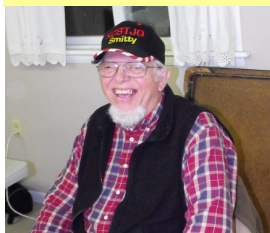
Hope to hear you on!



You never know who you might see!

Two Meter Net News

From Smitty, KC8TJQ



Smitty passes along the following items pertaining to the AARC Two Meter Net. The net is held each Thursday night at 9 PM, on the club repeater (145.370).

We've instituted a Pre-net Check in beginning at 8:15 PM. This sounds like a good time to check in, and catch up on local news in a less formal roundtable-type discussion.

Then, at 9 PM, the "formal" net begins. All Hams are welcome to check in on either the pre-net, or the formal net.

Here's the following net numbers for August:

- August 8 - 10 Check-ins
- August 22 - 12 Check-ins
- August 29 - 12 Check-ins

He passes along that it's been great having folks check in via Echolink. Hey, you Hams, grab your mic, and check in on Thursday Evenings!

We'll listen for you. De Smitty, KC8TJQ

2013 Castle Run

Well, even though I neglected to get a group shot of the operators, it was still a good day for a race. Labor Day dawned bright & Sunny, and though we did have some rain, it didn't show up until later in the afternoon.

The event was the 2013 Alliance Rotary Castle Run. It is held each Labor Day, and has grown into a tradition, both for area athletes, and Amateur Radio operators.

The two Mile race is finished almost before it has begun, so we don't put operators on the two Mile course.

The 10K course, however is a different story. Operators are placed at all crucial intersections. Crucial being defined as a left turn onto, or from a primary street. Other intersections of interest are Parkway boulevard, where runners are expected to cross at places other than at a four-way stop.

We'd like to give a big thank you to the following operators who worked the race this year: Rich, KB9NTX, Tom, KD8JRK, John, KD8MQ, Ben, KD8KMQ, Howard, K8DXR, Frank, WA8WHP, Steve, K8SRR, and Mike, KD8RUQ.

A special thanks goes out to Rich, KB9NTX. He was in town visiting family, and offered to help. Thanks Rich!

Should the FCC allow encryption?

by Dan, KB6NU

One of the most fundamental rules in amateur radio has been the prohibition against the use of codes or ciphers meant to obscure the meaning of a message [Part 97.113 (4)]. Recently, that long-standing prohibition was challenged (<http://www.arrl.org/news/rules-change-sought-to-permit-encryption-of-sensitive-emergency-communications>) to allow encryption when passing emergency health and welfare traffic. The idea was that encrypting these messages would protect the privacy of individuals. In his Petition for Rulemaking (<http://apps.fcc.gov/ecfs/document/view?id=7022424684>), Don Rolph, AB1PH, pointed out that Australian amateur radio rules permit encryption for emergency services operation or related training exercises.

Oddly enough, the pushback against this petition has been loud and swift. The ARRL quickly came out against the petition (<http://www.arrl.org/news/arrl-urges-denial-of-petition-to-permit-encryption-of-some-emergency-communications>), and when I blogged about this issue (<http://www.kb6nu.com/im-jumping-on-the-anti-encryption-bandwagon/>), several hams replied that they didn't think allowing encryption was a good idea.

The main arguments against encryption seem to be that:

- It will make people suspicious of amateur radio operators and bring unwanted scrutiny upon amateur radio.
- Make self-policing more difficult.

Among the arguments for allowing encryption are that cryptography is a fundamental element of modern RF communications, and that not allowing it, negates one of the purposes of amateur radio. Namely, that one of the purposes of amateur radio is to "advance the state of the radio art."

In late September, the FCC dismissed this particular Petition for Rulemaking (<http://www.arrl.org/news/fcc-dismisses-encryption-petition>). It stated specifically that "the record does not support Mr. Rolph's assertion that the prohibition on encrypted amateur communications is impairing the ability of the Amateur Radio community to provide effective support to public safety agencies during emergencies."

Of course, this discussion isn't over yet. Encryption is now employed routinely for even the most common types of digital communication, and as a newer generation of amateur radio operators take over, they'll want to experiment with these digital communications techniques. One commenter suggested that a portion of the 900 MHz band or maybe the 5 GHz band be set aside for experimentation with encryption. I think that is an idea worth exploring.

What do you think? Does encryption have a place in amateur radio?

(When he's not pondering FCC rules, Dan, KB6NU enjoys working CW on the HF bands and teaching ham radio classes. For more information about his operating activities and his "No-Nonsense" series of amateur radio license study guides, go to KB6NU.Com or e-mail cwgeek@kb6nu.com.)

QSL via Bureau? Check First!



Fred Laun, K3ZO, who manages the [NCDXA/ARRL Third Call Area Incoming QSL Bureau](#), advises operators who routinely send cards "via the bureau" to first check the DX station's [QRZ.com](#) or personal websites first to find out if the DX station replies to cards sent via the bureau.

"Each month our bureau receives hundreds of cards for rare DX stations and DXpeditions who...state that they will not answer bureau cards," he says. "We recognize that one reason people use the bureau is that they don't have to check QRZ.com or another online lookup service before sending off the card." Laun says his bureau spends many hours each month redirecting such cards to QSL managers or to the station's own bureau, "and even after our efforts," he adds, "almost all of these cards will not be answered anyway."

The bottom line: "If an operator says he/she will not answer bureau cards, he/she in all likelihood means it," Laun says. "That means that there is no cheap way to get around the [DX station's QSLing] instructions.

He further notes that some operators have informed the bureau that they don't want to get bureau QSL cards. His bureau sends most of those unwanted cards to Tom Roscoe, K8CX, for use on his [Ham Gallery](#) website, while it provides others to schools for classroom use. — (Thanks to [The Daily DX](#), and [ARRL.org](#))



National Silent Key Archive Includes Unique Call Sign Lookup

Mike Carroll, N4MC, who operated the "Vanity HQ" website for 14 years before taking it dark earlier this year, says the [National Silent Key Archive™](#) of Amateur Radio Operators that he founded remains up and running. "The only thing that was carried over from Vanity HQ would be the unique call lookup," Carroll told ARRL. On the "Tools" menu, click on "Research Hams" to enter a name or a call sign.

The National Silent Key Archive provides an opportunity to add Silent Keys (all submissions are reviewed prior to incorporation into the Archive) and for friends and family of radio amateurs who have passed on to create memorial pages that may include photographs and text. Carroll points out that the National Silent Key Archive has been up and running for 2 years or so and functioned separately from Vanity HQ, which, he reiterated, he has no plans to resurrect. According to the site, "The purpose of the National Silent Key Archive is to collect and preserve photographs, life event narratives, and data artifacts of deceased Amateur Radio operators, and to make the Archive's digital library available to anyone wishing to view its contents online.

The National Silent Key Archive is a [wiki](#), which means anyone can contribute contents or to add a member to The Archive, and without first obtaining a login ID or password." All content submitted is reviewed by the Archive and edited, if necessary, before being added to its digital library. Each day the site features Silent Keys from a different call district. -- Thanks to Dick, N6AA

Rambling

by John, KD8MQ



Hi everyone, welcome to Fall, 2013. We'll soon be raking leaves here at the Home QTH. This morning, I spent some quality time with the rear brakes on my truck. I couldn't help but notice that the leaves are beginning to change already.

Now that fall is upon us, it's time to prepare for a long winter operating session. I still have a few things on my to-do list. How about you? Don't forget to weatherproof those antenna connections.

I had a hi-SWR issue on my HF vertical a couple weeks ago which turned out to be nothing more than some grass clippings laying in in the wrong place. When the sun went down, and the clippings got moist with dew, it rendered the antenna useless. I pay a lot more attention to those types of things now.

Well, the ads in QST finally go to me. That, coupled with the \$250 rebate from Yaesu, finally got me to loosen the grip on the Ham Radio money. A few weeks ago, I took possession of a new Yaesu FT-950. It is just an awesome rig. Next month, one of my spare rigs will be offered in the Swap & Shop column. Not positive yet, but likely I'll be reluctantly selling my Kenwood TS-430.

Club elections are coming up at the next meeting. Now's the time to decide; are you going to be a spectator, or an active participant in this club? If your answer is the former, that's fine. But, everyone has something to offer, including you. The club works best when we have fresh ideas. This club has been riding high recently. We need fresh blood to continue the momentum.

Starting this month, the nominations for **Ham Of The Year** are officially open. Get your vote in now. We'll be accepting nominations until the November meeting. The award will be presented at the club's annual Christmas party. More information will be in next month's Zero Beat.

PA QSO Party - Allen, WI8T, Ben, KD8KMQ, and myself will be once again be enjoying John, N8PLA's hospitality for the weekend of the PA QSO Party. This year, provided I get my rear in gear, we'll be adding some digital modes, and 6 meters.

OSPOTA - This year, I returned to Lake Hope State Park for the 2013 Ohio State Parks On The Air contest. Lyn & I had a ball. We even got to meet a couple other Hams who were also activating Lake Hope. We worked Howard, K8DXR, Dana, KC8LKB, and Tony, KD8BBK. Tony had activated Salt Fork State Park. OSPOTA results won't be posted for a while yet, but activity seemed up from last year. It's too soon for me to decide on a QTH for OSPOTA 2014, but I'm thinking of waiting till 3 days before the contest, and picking a spot at that time. A little spontaneity can be good, right?

Stark County VHF QSO Party - Planning will soon begin for the 2014 VHF contest. I'm looking for suggestions about how to make it more fair to those of you who give up points, so that you can help out at your club bonus station. More about this shortly.

That pretty much does it for now. We'll see you at the next meeting, or maybe on the air.

73 de John, KD8MQ

More Corners To "Sweep" This Year!

Sweepstakes is approaching and this year is special; the 80th running of this oldest of all domestic contests! Now is the time to start planning because there will be a few new corners to "Sweep" this year:

- A new web-based log submission page
- Individual operating achievement awards
- Special club participation awards
- Commemorative 80th Running Sweepstakes tee-shirts
- Clean Sweep mugs and participation pins with SS80 logo



Ready for Sweeps? Lots of fun stuff is in the works to make the 80th a memorable contest

Are you or do you know an operator 80 years old or older? There will be special recognition of our "four-score" operators this year! Watch the [Sweepstakes web page](#) for updates, announcements, and more information about this special running of the contest. (TNX ARRL Contest Update, Sept 25, 2013)

US Islands Awards Program Qualifies 2000th Island

The US Islands (USislands.org) Awards program had its 2000th island qualified from Puerto Rico. US has been in existence since 1994, when US island activating began on HF. On September 22, Cayo Afuera Island, USI# PR-047S, was qualified by Team WP4I (Anthony, WP4I; Agapito, WP4LBN; Edward, KP4EGM, and soon-to-be-ham, Jose Rodriguez) — achieving the 2000 mark. USI is not limited to island collecting; it also embraces states, counties and DX countries.



The United States Islands Awards Program covers saltwater and inland freshwater river or lake islands of the 50 US states and US territories or protectorates. USi was formed to further enhance "island chasing" that has become popular on the Amateur Radio bands. Its goal is to promote a simple, but effective, system of island collecting, that operates totally on the honor system. USi is open to interested radio amateurs and SWLs. The USI program is not affiliated with the Islands on the Air ([IOTA](#)) program, sponsored by the Radio Society of Great Britain.

56th Jamboree On The Air Is Approaching!



The 56th annual Jamboree-On-the-Air (JOTA) is right around the corner! If you're looking for a way to have fun with ham radio and at the same time get young people involved in our hobby, JOTA is the ticket! This year's event is being held October 19-20, 2013.

Each year more than 400,000 Scouts "get together" over the airwaves for the annual Jamboree-On-The-Air. JOTA is an annual event in which Boy and girl Scouts from all

over the world speak to each other by means of amateur radio. Scouting experiences are exchanged and ideas are shared via the radio waves. Since 1958 when the first JOTA was held, millions of scouts have met each other through this event. Many contacts made during JOTA have resulted in links between scout troops that have lasted many years.

The radio stations are operated by licensed amateur radio operators. Many Scouts and leaders hold licenses and have their own stations, but a majority participates in JOTA through stations operated by local radio clubs and individual radio amateurs.

This is where you come in! If you are interested in participating, simply find a local Boy or Girl Scout troop in your area. Some hams will invite the group over to their "shack" or set up in a public place like an EOC, park, etc.. This is a very fun event and a great way to promote our hobby to the next generation of future hams! There will be many stations operating, including the following: K2BSA stations assigned to various areas, such as K2BSA/0, K2BSA/1, etc.; HB95, the World Scout Bureau headquarters in Switzerland; and GB2GP at Gilwell Park, England, to name a few.

For more information on times/frequencies/ideas, go to the ARRL website on search on "JOTA". There you will find a wealth of information about JOTA and the ARRL's involvement with scouting. You can also go to Twitter and follow "OHradioscouting" where I will put updates on radio scouting events in the Ohio Section.

Until next time, stay on the air and get young people talking!!

73,
Scott A. Hixon, KC8ITN
ARRL Assistant Section Manager – Radio Scouting, Ohio
kc8itn@arrl.net

(TNX Ohio Section News)

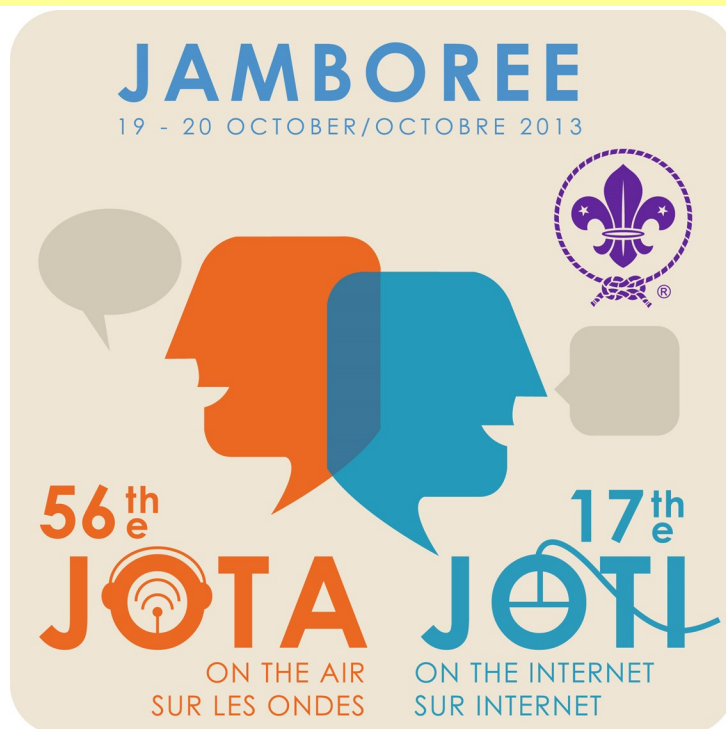
Scouting's Jamboree on the Air 2013 Will Be the Last for HB9S

The 2013 running of Scouting's Jamboree on the Air ([JOTA](#)) is less than a month away. The 56th JOTA will take place the weekend of October 19-20, from 0000 local time Saturday to 2400 **local time** Sunday. JOTA gives members of the [Boy Scouts of America](#) a chance to experience Amateur Radio firsthand, perhaps planting the seed for a lifetime of hamming. But this year's running of the world's largest Scouting event will be the last for the crew at HB9S at the World Scout Bureau, which plans to move its headquarters next year. JOTA 2013 will be a farewell party for HB9S, with a special QSL card (QSL via HB9AOF). An international team of Scout operators, including PA3BAR, the World JOTA Organizer, will be at the station for the occasion.

JOTA attracts nearly 750,000 Scouts, participating from 6000 stations in 150 countries. JOTA's goal is to foster Scout-to-Scout communication across borders, to allow as many Scouts as possible to talk to other Scouts and learn about them and their activities and interests.

The [JOTA guidelines](#) offer suggested frequencies and additional information. Licensed mentors often open their stations to Scouts on JOTA weekend, serving as control operators. Radio operation will be on 80 through 6 meters and 2 meters and 70 centimeters FM simplex, all modes.

Last year more than 18,500 US Scouts took part in JOTA from more than 200 stations — up by nearly 500 percent from a year earlier. — *(TNX arrl.org - Some information from The Daily DX)*



Cell Phone Recycle



Remember, we are doing an ongoing cell phone recycling drive. Just bring your old cell phones to the next club meeting.

we will see that your old phone gets recycled in the most environmentally friendly way possible.

If getting to a meeting is not convenient, just give John, KD8MQ a call at 330-936-5021, to make other arrangements.

Ham Radio Community Invited to Say "HI" to Juno Spacecraft

NASA's Juno spacecraft will fly past Earth on October 9 to receive a gravity assist, putting it on course for Jupiter. To celebrate, the Juno mission is [inviting](#) Amateur Radio operators around the world to say "HI" to Juno in a coordinated Morse code message. If enough operators participate, Juno's "Waves" radio and plasma wave experiment should be able to detect the message. The [Say "HI" to Juno](#) web page will be updated with additional information as the event approaches. All transmissions will take place on 10 meters, with the precise (suggested) frequency determined by the last letter of your call sign.



Last Letter of Your Call Sign	Frequency to Use (MHz)
A	28.001
B	28.019
C	28.037
D	28.055
E	28.073
F	28.091
G	28.109
H	28.127
I	28.145
J	28.163
K	28.181
L	28.199
M	28.217
N	28.234
O	28.252
P	28.270
Q	28.288
R	28.306
S	28.324
T	28.342
U	28.360
V	28.378
W	28.396
X	28.414
Y	28.432
Z	28.45

Use this table to determine recommended operating frequency, based on the last letter in your call sign.

Sponsors say Juno will have a better chance of detecting signals from many operators if the transmissions are spread out across the spectrum. The Juno Waves instrument is a broadband receiver, and the detector being used for this event has a passband that's 1 MHz wide.

While the Waves instrument is sensitive to radio signals in all amateur bands below 40 MHz, sponsors chose 10 meters, because experience with the University of Iowa instruments on the Galileo and Cassini Earth flybys showed significant ionospheric shielding at lower frequencies. Sponsors actually are hoping for poor band conditions on October 9, so an appreciable fraction of the radiated energy can escape the ionosphere into space.

(Continued on page 19)

Ham Radio Community Invited to Say "HI" to Juno Spacecraft - cont.

(Continued from page 18)

Indicators on the [Say "HI" to Juno](#) web page will instruct participants when to transmit and when to stop transmitting. Each will have a timer to indicate how long until you switch from one mode to the other mode. Stations should transmit a legal station identification as the FCC or non-US regulators require. Participants should consider their stations to be operating as attended beacon stations and should avoid transmitting on top of ongoing communications.

Stations with directional antennas should check the web site for information on what headings to use during the event. Visit the [Say "HI" to Juno](#) web page for full details and to obtain the latest information. The activity begins October 9 at about 18:01 UTC and continue until about 20:41 UTC. Operators taking part should make sure their computer clocks are synchronized to network time prior to the event. The web page will indicate when you start or stop transmitting (key down/key up).

Participants can receive a QSL card for contacting Juno. [E-mail](#) your call sign and mailing address. Additional information is available at [NASA's Juno](#) web site and the [Mission Juno](#) web site. — NASA Jet Propulsion Laboratory; thanks to John Andrews, ACØXY (TNX ARRL.org)

Berea Hamfest

by Joe, W8KNO

I went this year having missed last year and the biggest surprise was how much smaller it had become. It was now one building instead two, with no major vendors, and 3 1/2 rows of flea market instead of 5. Walking around I met many PCARS members as well as members I knew from the Alliance ARC, CARS, MRRC, NCCC and WARA. In the building at the ARRL table, I spoke with Jim Weaver the Great Lakes Director.

The biggest attraction was not even amateur radio related. It was a drunk skunk, or so it seemed. The skunk was walking down the aisles and turning around in circles, Its actions made me think it might have been rabid. Watching the people, I am sure some of them did not know what a skunk was.

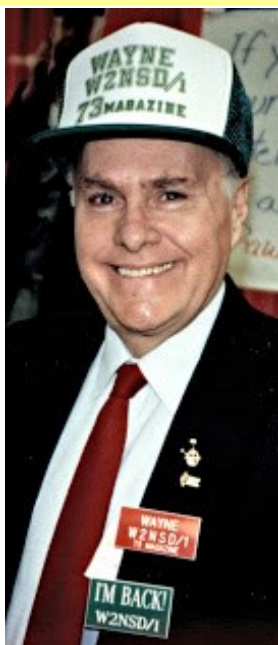
I still enjoyed myself as I renewed old friendships.

Joe -W8KNO

(editors Note: The picture on the bottom right came from K8OMO; the top on was taken by Joe, W8KNO)



Wayne Green, W2NSD (SK), Publisher of '73' Goes SK



One of amateur radio's most colorful and controversial raconteurs died Friday, September 13, "in a peaceful, painless transition from this life on Earth," according to a posting on Wayne Green, W2NSD's, "Wayne's World" website <<http://bit.ly/1a00kdp>>. "An eternal optimist, and one who loved to share his never-ending zest for life, he was a friend to many and will be missed greatly. Wayne was not afraid of dying and was very much ready to embark on his next great adventure to the afterlife." He was 91.

Green's publishing career included editorship of CQ magazine before going on to found 73, 80 Micro, Byte, CD Review, Cold Fusion, Kilobaud Microcomputing, RUN, InCider, and Pico. He published books, as well.

Wikipedia noted Green was "involved in a number of controversies and disputes in the ham radio world, notably with the ARRL and CQ magazine," <<http://bit.ly/197muBJ>>.

As recently as 2011, Green lived in a farmhouse in Hancock, New Hampshire "and maintained a website with content from his on-line bookstore," the site said.

In the early 1980s he "assisted in the creation of the groundbreaking Brazilian micro-computing magazine, Micro Sistemas." (*TNX CQ Newsroom*)

ARRL Plans Centennial QSO Party



In conjunction with the 100th anniversary of the ARRL, the [ARRL Centennial QSO Party](#) is set to kick off January 1 for a year-long operating event in which participants can accumulate points and win awards, as well as working new stations and making new friends. During 2014 W1AW will be on the air from every state (at least twice) and most US territories, and it will be easy to work all states solely by contacting W1AW portable operations. This marks the first ARRL-sponsored operating event where every member is worth at least one point. The event is open to all, although only ARRL members and appointees, elected officials, HQ staff and W1AW are worth [points](#). Working ARRL's president, for example, earns 300 points!

To qualify for points all contacts must be two-way (no cross-band or cross-mode contacts), using CW, phone (FM, SSB, AM, digital voice), digital (any digital mode, such as PSK31, RTTY) on 160, 80, 40, 30, 17, 15, 12, 10, 6, 2 and 1.25 meters, plus 70 centimeters and satellite.

Stations [exchange](#) signal report and ARRL abbreviation. Contacts do not have to be con-

(Continued on page 21)

ARRL Plans Centennial QSO Party - cont.

(Continued from page 20)

test-style and it isn't necessary to give the ARRL organizational information. A centennial database will assign point values to all logs submitted electronically. Those not submitting electronically, however, will need to obtain the QSO information during the contact. This event is not a contest, so participants may make contacts in any fashion they prefer.

The Centennial QSO Party is scored by totaling the values of all eligible contacts. There are no multipliers or bonus points. Logs submitted via Logbook of the World ([LoTW](#)) will be scored automatically.

Awards

Work W1AW operating portable from all 50 states. Working W1AW or W1ØØAW in Connecticut does not count for Connecticut, however. Participants can earn W1AW Connecticut credit only for working W1AW/1 in Connecticut. A W1AW WAS certificate and plaque will be available (pricing not yet announced). For an extra challenge, work all 100 W1AW portable operations — essentially a double WAS with W1AW!

Endorse the W1AW WAS Certificate with the Territorial Stickers for working W1AW/KH2, W1AW/KP4, W1AW/KP2, and any others that may be active, and also endorse with W1AW/3 from the District of Columbia (stickers are \$1 each)

Centennial Points Challenge

To compete in the Centennial Points Challenge, submit logs via Logbook of the World ([LoTW](#)). The system will automatically look for points-qualifying contacts from submitted logs and apply them to each participant's Centennial QSO Points table. QSOs do not have to be matched in LoTW for points to be achieved — this is an honor-based event. No paper forms or information will be accepted for the Centennial Points Challenge, however. Some points worth noting:

Club call signs do not count for points.

Repeater contacts are not valid for credit.

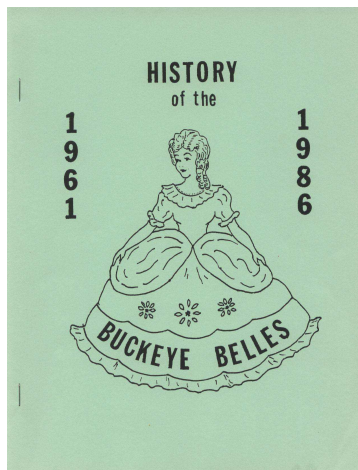
Mobile and portable operations are okay but do not count for points in addition to home operation — ie, a contact with KØGW counts for KØGW, whether it is made with KØGW/4, KØGW/m, or PJ4/KØGW.

Stations outside of the US may also count for points. More than 10,000 ARRL members live outside the US, and some of these are also volunteer examiners or DXCC card checkers.

ARRL appointees, staffers, and officers should choose for their contact exchange the appointment or office held that offers the highest point value (this is how the database will work also). For example, KI9XX is an ARRL Life Member (a LM is worth 2 points), a Volunteer Examiner (VE is worth 5 points) and a State Government Liaison (SGL is worth 30 points), so KI9XX should use "SGL," since that offers the highest point value. In any event, the database will give credit for the proper point value.

The top-scoring operator from each ARRL Section, Canadian Province and DXCC entity will receive a First Place certificate. The Top Five overall point scorers will receive awards. There is a charge for award certificates. For complete information, visit the [ARRL Centennial QSO Party](#) web page. [Contact us](#) if you have questions.

***Women in
Amateur Radio***



***The Buckeye Belle
50 Year History***

The Buckeye Belles Silver Anniversary 1961-1986

Quote: 1961 – It's a girl!! On March 6, 1961 a healthy girl was born to organizer and founder K8MZT, Shirley Rex and nine other charter members: W8HWX, Lillian Richardson; W8OTK, Alice Geib; W8MBI, Marie Helminski; W8HUX, Marvel Tyson; W8RZN, Dorothy Higgins; W8SPU, Helen Smith; W8GSH, Dorothy Lemley; K8HGD, Louise Long and K8ITF, Marjorie Farinet.

Her name, Buckeye Belle, is credited to K8ITF, Marge Farinet, who is also responsible for the logo one finds on the Buckeye Belle pins, stationery, the Buckeye Belle certificate, and the news letter. Over the years, Marge became the club's resident Artist and special art projects person.

Extensive research was done by K8MZT, Shirley prior to organizing the club. Quoting Shirley at the first anniversary (later to become known as annual meeting), "Having attended YL conventions and noting the activities of organized groups of women amateurs such as the WRONES (Women Radio Operators of New England) and the Floridoras (Women Radio Operators of Florida), I felt it would be a good idea to have the Ohio YLs get together. Letters went out to various groups and sections of the State suggesting an all band organization. The response was such that the 'Buckeye Belles' were born." Unquote

Timeline:

- The Buckeye Burr (The Bulletin of the Ohio Women Radio Operators) was first published in June of 1961 with K8MZT, Shirley Rex as its first editor. (Shirley Rex was from Stark County)
- A Buckeye Belle Certificate was developed and designed by W8MBI, Marie Helminski and K8ITF, Marge Farinet.
- Nearly 400 Buckeye Belle Certificates have been issued 1961-1986.
- March 4, 1962, in Columbus, Ohio, a set of By-Laws was adopted and a president, K8ITF, Marjorie Farinet, elected.
- June 1962, 160 members
- 1964, Hosted the Fourth International YLRL (Young Ladies Radio League) Convention in Columbus, Ohio
- 1967, voted to have annual dues of \$1.50

- February 5, 1968, Start of a 9AM Net on 3.950 MHZ, WA8EKQ Beulah Shelly is the only Net operator listed.
- Wednesday mornings at 10:30 AM, WD8IKC, Doris Smith (Massillon Amateur Radio Club Life Member) operated a CW NET on 3.725 MHZ
- 1969, motion to allow spouses of the Buckeye Belles to become Honorary Members and to become known as the Buckeye Beaus
- 1977, Out-of-State Buckeye Burr subscribers allowed to become "Associate" members with no voting rights
- Age range for Buckeye Belles stated as 8 to over 80.
- April 12, 1986 the Buckeye Belles held their Silver Anniversary meeting at the Holiday Inn at Delaware, Ohio. Sixty-Nine Belles, Associates, family members and friends attended.

Noted in the 25th Anniversary article: *"This history was used as the basis for the article written by KG1F, Joan Gibson for the YLRL page in the April, 1986 issue of QST concerning the Buckeye Belles."*

And the Belles Go On, 1986-1994

Timeline:

- 1982-83 and 1987-88, WD8IKC, Doris Smith, was the Editor of the Burr
- 1987, membership: Buckeye Belles 109, Associates and DX 50
- 1989, 50th Anniversary Celebration of YLRL to be held in Kauai, Hawaii in June 1989
- 1991, Buckeye Belles celebrated the 30th Anniversary
- Buckeye Belles gave generous contributions to the YLRL (Young Ladies Radio League) Scholarship Fund
- 1994, Governor of Ohio as well as the Mayor of Cleveland proclaimed May 15, 1994 as "Buckeye Belle Day"

The Buckeye Belles 2011 newsletter indicates the Buckeye Belles scheduled a **50th Anniversary Meeting** in the summer of 2011. This apparently was the final meeting.

Stark County Members

**K8MZT - Shirley Rex; WD8IKC - Doris Smith;
W8NAL - Carmella Cicerello; N8AJU - Sue Simpson;
N8AIM - Judith McCune; N8DCS - Jeanette Graber;
KA8MNU - Gloria Paprzycki; KA8MNV - Patricia
Paprzycki; N8FED - Patricia Cale; KA8ZQD - Danielle
Cale; N8ZQF - Gladys Kiplinger and N8GXO - Janet
Phelps.**



Reference: [History of the Buckeye Belles 1961-1986](#), ["And the Belles Go On" 1986-1994](#), and the [Buckeye Belles Stark County membership roster](#). Provided by WD8IKC, Doris Smith

Buckeye Belles Picture Archive

Courtesy of WDSIKC, Doris Smith



K8MZT - Shirley is the original organizer of the Buckeye Belles in 1961 and the first Editor of the newsletter "Burr"

WD8IKC- Doris was later an Editor

Both are from Stark County

K8ITF- Marge is credited with the logo found on all of the Buckeye Belle items.

N8AIM - Judy is from Stark County



1986, 25th Anniversary of the Buckeye Belles



Annual Buckeye Belle Meetings in 1982 and 1983.

N8AJU - Sue was from Stark County



Yes, there were husbands too that attended some of the events and could be Honorary Members known as the Buckeye Beaus. (Right), Pictured with Doris is her husband WA8NZE – Stan

Wish You Well and God Bless
73 DE, MIKE WA8MKH

October 2013

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																	
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th colspan="7">Sep 2013</th></tr> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td></td><td></td><td></td><td></td><td></td></tr> </table>	Sep 2013							S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							<p>1</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">7:00 PM AARCTech Class</div> <p>7:00 PM Stark Cty ARES Net (147.12) 9:00 PM Northern Columbiana Cty Training Net (147.255)</p>	<p>2</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; color: green;">6:30 PM CFARC FoxHunt</div> <p>8:00 PM AARC CW (28.100 MHz) 8:30 PM AARC SSB(28.400 MHz) 9:00 PM AARC VHF (145.37(-))</p>	<p>3</p> <p>8:00 PM AARC CW (28.100 MHz) 8:30 PM AARC SSB(28.400 MHz) 9:00 PM AARC VHF (145.37(-))</p>	<p>4</p> <p style="color: red;">Terry, N8ATZ BD</p>	<p>5</p> <p>10:00 AM PCARS VE Exams (Ravenna)</p> <div style="border: 1px solid black; padding: 2px; margin-top: 10px;">CA QSO Party</div>
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<p>13</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">AZ QSO Party</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NA Sprint, RTTY</div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">PA QSO Party</div>	<p>14</p>	<p>15</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">7:00 PM AARCTech Class</div> <p>7:00 PM Pioneer AR Fellowship VE Exams (Akron) 7:00 PM Stark Cty ARES Net (147.12) 9:00 PM Northern Columbiana Cty Training Net (147.255)</p>	<p>16</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; color: green;">6:30 PM CFARC FoxHunt</div> <p>7:00 PM Western Reserve VE Exams</p>	<p>17</p> <p>8:00 PM AARC CW (28.100 MHz) 8:30 PM AARC SSB(28.400 MHz) 9:00 PM AARC VHF (145.37(-))</p> <p style="color: red;">Sue, K8STH BD</p>	<p>18</p> <p>8:00 PM Massillon Net (147.18)</p>	<p>19</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Jamboree On The Air</div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">NY QSO Party</div>																																																	
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<p>27</p> <div style="border: 1px solid black; padding: 2px; margin: 5px auto; width: 80%;">CQ WW SSB DX Contest</div>	<p>28</p>	<p>29</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">7:00 PM AARCTech Class</div> <p>7:00 PM Stark Cty ARES Net (147.12) 8:00 PM Homeland Security Net (147.51) 9:00 PM Northern Columbiana Cty Training Net (147.255)</p> <p style="color: red;">Frank, WA8WHP BD</p>	<p>30</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px; color: green;">6:30 PM CFARC FoxHunt</div> <p style="color: red;">Steve, KB8RFE BD</p> <p style="color: red;">Ted, K8TWA BD</p>	<p>31</p> <p>8:00 PM AARC CW (28.100 MHz) 8:30 PM AARC SSB(28.400 MHz) 9:00 PM AARC VHF (145.37(-))</p> <p style="color: red;">John, KD8MQ BD</p>	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th colspan="7">Nov 2013</th></tr> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> </table>		Nov 2013							S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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Alliance Amateur Radio Club
P.O. Box 3344
Alliance, OH 44601

This Months Meeting

will be on Wednesday,

October 9th. in the Café Conference Room at:

**Alliance
Community hospital**
200 E. State St
Alliance, OH.

Our meeting will begin at
7:30PM

There is no program
this month, due to
club elections

Feel free to Join us for
dinner at

**Frank's
Family Restaurant**
480 E. State St, Alliance
at 6 PM that night.

Newsletter Information

The Zero Beat is a
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Alliance, OH 44601

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You can submit material to
the Zero Beat via e-mail to
kd8mq1@gmail.com

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