



Stark County VHF QSO Party Coming Up April 10th!

**April 10, 2010
12 Noon - 6 PM**

This is no joke folks! The first annual Stark County VHF QSO Party is coming up on April 10th. The contest packet is included in this issue of the Zero Beat (Starting on pg 8).

I'd like to thank everyone who has been talking this up on the nets, and also to my fellow editors who have been helping me to publicize this event.

Even if you're not planning to work the whole contest, I'll hope you'll make the effort to get on the air and make a few contacts. I'm hoping for a lot of activity that Saturday.

I'd also like to remind everyone to be sure to send in their logs. Even if you made only one contact, your log is important. The more

logs we have, the easier the log checking will be. You can submit your logs either via e-mail, or snail-mail.

And one last thing; Please be sure to send along pictures, and soapbox comments. They will be included in the final results.

All pictures are welcome, but rather than a picture of your mobile, or home rig, how about a picture of you operating it? Maybe have your XYL, or harmonic take a shot of you operating. If you're mobile, flag down a police officer. They'll be happy to snap your picture. Well, maybe not. Do you plan to operate from some scenic location? Please send a picture.

Soap box comments are also encouraged. Since this is our first running for this contest, I sincerely want to know what we can do better next year.

But, most important, please continue to talk this up. After this is over, I want to hear from everyone what a great time you had.

See you on 2 Meters!

**Ohio Senate bill
218 voted out of
committee;
Moves to the
senate floor
April 13th!
See story on
page 6**

Meeting Announcement

Our next meeting will be on Wednesday, April 7th, 2010 at the Alliance Community Hospital, in the Cafe conference room.

Meetings begin at 7:30 PM.

This months speaker will be Bob Winston, W2THU, who will speak on

"Amateur Radio and the Law"

Before the meeting, you're invited to join us at 6pm for dinner

at

**Luna's Restaurant
2340 W. State St.**

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Editor

John Myers, KD8MQ
(See above)

Rambling

By John, KD8MQ

Hi everyone, Spring has sprung, and not a moment too soon! That darn groundhog is still on my list, though. :-)

With nice weather, thoughts turn to things like Field Day, Fox hunts, and the Dayton Hamvention. As you read this, the Cuyahoga Falls, and Alliance fox hunt season has begun, and Parma is still a few weeks away.

I got a late start on this issue, owing to several factors. First, with the warm weather, work has been keeping me pretty busy. Secondly, I upgraded my phone, which took the better part of a week to set up. Add to that, the normal thing we call life, and I'm left wondering not why am I doing the newsletter so late, but rather, how do I ever find time for it in the first place?

Lately, I've been working on a sound card interface that can be used with the digital modes. So far, I've tried PSK31, RTTY, and DSSTV. Steve, K8SRR & I have been playing with DSSTV, using Easypal, and learning quite a bit in the process. I should have the interface mounted in a box, and ready to go in time for the summer camping season. I'm hoping to do some camping this summer. I'll be taking the TS-430 along, so I can try some portable QRP

(Continued on page 4)

Meetings

The Alliance Amateur Radio Club meets on the First Wednesday of every month. Check the meeting announcement on page 1, for the location.

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 held:

Ten meters

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

2 meters

9 PM on 145.37 MHz

The Homeland security Net meets on the last Tuesday of the month, at 8:00 PM, on 147.51 simplex

Internet

Web: www.w8lky.org

E-mail: W8lky@w8lky.org

Newsletter Information

The Zero Beat is a publication of the
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Alliance, OH 44601

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You can submit material to the Zero Beat via e-mail to kd8mq@neo.rr.com

March Minutes

March 3, 2010

The regular meeting of the Alliance Amateur Radio Club was held on March 3, 2010 at 7:30 PM at Alliance Community Hospital conference room 2, with club President John Myers, KD8MQ presiding. The pledge of allegiance was recited followed by introductions. There were 13 members present along with guests Bill Fraedrich (WB9LBI), Ben Davis (KD8KMQ), Les Myers (W8TJF), and Steve (K8SRR).

President John announced club birthdays for March including KB8IVS, K8OMO, WC8F and N8LGE.

For the Secretary's report Don, AB8KV noted that the February minutes were in the newsletter. With nothing further to announce, the Secretary's report was approved on a motion by Frank, WA8WHP and seconded by Tom, KD8JRK.

Treasurer Mary Ann, KB8IVS gave the Treasurer's report. She also read a brief note from Ed McNabb (N8FCL) accompanying his membership renewal. He is undergoing radiation treatments for cancer which has moved into his spine, but he said he was doing ok and greeted everyone in the club. The report was then approved on a motion by Tom and seconded by Joe, KC8TAC.

President John an-

nounced that next month's program would be "Amateur Radio and the Law" presented by Bob, W2THU. He added that April's meeting would take place in the usual spot, conference room 1.

Committee reports:

•For Field Day, George, K3GP reported on discussions concerning staying with the N3FJP software for FD networking.

□John appealed for any parties who might be interested in conducting one or more satellite QSO's for FD.

□ In response to a question from Don, K8OMO John replied that a time and place had not yet been set to gather together to load the FD software and work out bugs, but it would be announced soon.

•Concerning ARES, Don, K8OMO reported that an ARES meeting was coming up Thursday at 7:30 PM at the EOC. He also noted that the Homeland Security net was working well with 5-county coverage.

•Regarding ARRL subjects, Tom reported that several frequencies had been set aside as clear channels for use in emergency work and traffic handling due to the earthquake in Chile.

□He also reported on a correction sent into ARRL by the president of PCARS and on some interesting suggestions regarding HF contest operators.

•Regarding the newsletter, John reported that he had changed the format of the calendar from portrait to landscape.

Old business:

•John reported that the Facebook page had gone live with 24 members as of the date of the meeting. Tom and John then remarked that both the Massillon and Canton clubs had now also established Facebook pages

•George then interjected that concerning computers, Microsoft had issued a bulletin warning about using the F1 key when running XP due to a new virus program that can invade via that route.

•John then addressed the subject of the Stark county QSO party. He noted that he had obtained the hats and that the club award would indeed be a plaque costing \$20.

□He asked the club for permission to spend the money for the plaque award. A motion to do so was offered by Frank and seconded by Tom. The motion was approved on a voice vote. John further noted that the contest packet for the QSO party is now posted on the club website.

New business:

•Regarding the safety vests previously discussed, John reported that vests from a reliable source, meet-

(Continued on page 4)

March Minutes

ing the ARRL requirements, cost \$26 for a small size, with larger sizes a dollar or two more. A minimum order of 3 vests is required for each purchase. There followed some discussion about what should or should not be added to the vests concerning club name or other identification, in addition to the standard ARES ID.

•John then announced that the club had received a \$250 gift in memory of Jim, N8XTJ, donated by his daughter's employer. John asked for suggestions as to how to apply the money.

□After some discussion, a motion to apply it to the club's general fund was made by Don, K8OMO and seconded by Joe. The motion was approved by a voice vote.

•Ben, KD8KMQ reminded the club that the Stark county Skywarn training is scheduled for 6:30 PM on March 17, at Stark State.

•Jerry, N8SH commented on the new ARRL handbook.

With no further new business, John announced a 5-minute break. After the break Bill, WB9LBI presented a program about "The History of Morse Code."

The meeting was adjourned at 9:40 PM with no formal motion.

Minutes respectfully submitted by Don, AB8KV, Secretary.

Rambling - cont.

digital operation.

Dayton Bus Trip - The folks of the Pioneer Amateur Radio Fellowship are again chartering a bus trip to the Dayton Hamvention. It's only \$65, which includes your Hamvention ticket. Like I say every year, **"The best bargain at the Dayton Hamvention is NOT in Dayton"**. Check out the 2 page insert in this issue for more information.

Field Day - We will be setting up a software clinic, so everyone can check out their computers on the field day network. The date for this will be announced at the meeting.

Safety vests - At the March club meeting, we had a brief discussion on buying safety vests for use in public service events, (i.e. Carnation Triathlon, ARES drills). I'm not in favor of using club funds to buy vests. My reasoning is simple:

1. With club-owned vests, someone has to store them, and be responsible for a) Getting them to the event where they are needed, and b) Making sure they are all turned back in afterwards.

2. Whoever is responsible for them also has to take stock of the condition of the vests, and manage repairs, and replacements as needed.

However, If the vests

are the property of the individual operator, then the responsibility for the vest shifts to them. Also, the vest can then be added to the operators "go-Kit", to be grabbed on a moments notice.

So, I'm trying to get together a minimum order of at least 3 vests. If you are interested, please let me know. Pricing will be posted elsewhere in this issue.

Special Event - It's also time to start thinking about the club special event station. If we are going to set up this year, then we need to get things rolling. We'll talk about it at the upcoming meeting.

Speaking of the meeting, this months speaker will be Bob Winston, W2THU, who will be speaking on the subject of "Amateur Radio & the Law". I hope to see you there.

73, de John, KD8MQ

Congratulations To:

•The following new Ham:

Richard N Horton, KD8NFE
9296 Rochester Rd
Minerva, OH 44657-9440

•The following New Club Member:

Tomas St. George, KC8ZEH

How Secure Are your passwords?



In reading the latest "Readers Digest" which arrived earlier this month, I found something shocking. While it's not apparent where they got their information, the folks at the New York Times have compiled a list of web users 5 most common passwords. They are:

- ◇ 123456
- ◇ 12345
- ◇ 123456789
- ◇ password
- ◇ iloveyou

The fact that you have a Ham license implies that you are a bit more tech savvy than most folks, and give a little more thought to your passwords than these folks did.

One big no no when choosing passwords is to

not use your Callsign as a password. . . EVER!

No password is totally secure, but why make it easy on those who want to hack into your online accounts?

Microsoft has a website which will help you to create strong passwords. The url is: <https://www.microsoft.com/protect/fraud/passwords/checker.aspx>

The site has a password checker. You punch in your password, and it will grade it **Weak, Medium, Strong, or Best.**

What constitutes a strong password? Here's what Microsoft has to say about it.

"A strong password should:

- appear to be a random row of characters.
- It should be at least 14 characters long.
- It should include a combination of uppercase and lowercase letters, numbers, punctuation, and symbols. "

Perhaps we all should be taking a second look at our online security.

Dues Are Due

Well, as hard as it is to believe, it is that time again. Our annual year runs from April 1st through March 31. So, the time is just ticking away to pay your dues.

There is a renewal form in this issue of the Zero Beat. Mary Ann will be more than happy to handle your renewal either at the next meeting, or via mail. Her address is on the application/renewal form.

Safety Vests

As mentioned in last month's issue, the ARRL has issued a standard for safety vests to be used in public service events. And/or while deployed in an emergency situation.

I checked with the people who do our plaques, and found that they can supply these vests at a reasonable price:

- SM - XLG \$26.00 EA.
- 2XLG \$28.00
- 3XLG \$30.50
- 4XLG \$34.25

We need a minimum order of 3 vests for this pricing.

If anyone is interested in purchasing a vest, please get me the money (+ 6.5% sales tax) in the next month, or so. I can be reached at 330-936-5021, should you have any questions.

For more info on these vests, please check the March issue of the Zero Beat.

Entire Popular Science Archive is now Online

Popular Science magazine has placed its entire 137-year history online with the cooperation and assistance of Google.

All of those fantastic articles about future technol-

ogy are now just a click away! Remember the flying car? It's in there! The URL is <http://www.popsci.com/archives>

(TNX Contest Update, and Jim, KC8PD)

State Senate bill 218 moves to house floor!

I am pleased to announce that Ohio Senate Bill 218 (Amateur radio antennae-codify federal restrictions on local zoning (aka "PRB-1" for Ohio)) had its fourth hearing on Tuesday, March 23, 2010, and was voted unanimously out of the State and Local Governments and Veterans Affairs Committee. Both Myself and State Government Liaison Nick Pittner, K8NAP were present, and worked with Committee members to ensure its vote and passage. The Bill is now on its way to the Senate Floor, and is scheduled for a vote of the entire Senate on April 13th. Once it clears the Senate floor, it will then travel to the Ohio House of Representatives for their vote. Since both House Bill 212 and Senate Bill 218 have the same wording, it should pass through and hopefully go to the Governor for signature soon!

Now is the time to contact your local State Senators and Representatives and ask for their vote of support on this important piece of legislation for Amateur Radio in Ohio. As always, as the Bill progresses its way through the hurdles of the Statehouse, I will keep you informed of its progress.

73, Frank J. Piper KI8GW

W1AW Summer Schedule

ZCZC AG09
 QST de W1AW
 ARRL Bulletin 9 ARLB009
 From ARRL Headquarters
 Newington CT March 15, 2010
 To all radio amateurs

SB QST ARL ARLB009
 ARLB009 W1AW 2010 Spring/Summer Operating Schedule

Morning Schedule:

Time	Mode	Days
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1300 UTC (9 AM ET)	CWs	Wed, Fri
1300 UTC (9 AM ET)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1400 UTC to 1600 UTC - (10 AM to 12 PM ET)
 1700 UTC to 1945 UTC - (1 PM to 3:45 PM ET)

(Station closed 1600 to 1700 UTC (12 PM to 1 PM ET))

Afternoon/Evening Schedule:

2000 UTC (4 PM ET)	CWf	Mon, Wed, Fri
2000 " "	CWs	Tue, Thu
2100 " (5 PM ET)	CWb	Daily
2200 " (6 PM ET)	DIGITAL	Daily
2300 " (7 PM ET)	CWs	Mon, Wed, Fri
2300 " "	CWf	Tue, Thu
0000 " (8 PM ET)	CWb	Daily
0100 " (9 PM ET)	DIGITAL	Daily
0145 " (9:45 PM ET)	VOICE	Daily
0200 " (10 PM ET)	CWf	Mon, Wed, Fri
0200 " "	CWs	Tue, Thu
0300 " (11 PM ET)	CWb	Daily

Frequencies (MHz)

 CW: 1.8025 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555
 DIGITAL: - 3.5975 7.095 14.095 18.1025 21.095 28.095 147.555
 VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM
 CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM

(Continued on page 7)

W1AW Summer Schedule-cont.

(Continued from page 6)

CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

DIGITAL = BAUDOT (45.45 baud), BPSK31 and MFSK16 in a revolving schedule.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2230 UTC (6:30 PM ET), Keplerian Elements for active amateur satellites are sent on the regular digital frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0000 UTC (8 PM ET) Thursdays and 0000 UTC (8 PM ET) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Digital at 15 minutes past the hour, and CW on the half hour.

FCC licensed amateurs may operate the station from 1400 UTC to 1600 UTC (10 AM to 12 PM ET), and then from 1700 UTC to 1945 UTC (1 PM to 3:45 PM ET) Monday through Friday. Be sure to bring your current FCC amateur license or a photocopy.

The complete W1AW Operating Schedule may be found on page 102 in the March 2010 issue of QST or on the web at, <http://www.arrl.org/w1aw.html#w1awsked>.

Also, just a reminder that beginning today, March 15, 2010, W1AW alternates the digital modes used for its digital bulletin transmissions. While Baudot, BPSK31 and MFSK16 still make up the digital mode complement, the schedule is altered to give more exposure to BPSK31 and MFSK16. Because of time constraints and the varying lengths of digital bulletins, there were many instances in the past when only Baudot was used.

With the new schedule, amateurs preferring either BPSK31 or MFSK16 will find these modes no longer secondary.

The regular callup is made using the mode that is transmitted first. The digital bulletin times remain at 6 PM and 9 PM eastern, daily.

The Tuesday and Friday Keplerian data bulletins will continue to be sent using just Baudot and BPSK31.

Given time constraints and bulletin lengths, all three modes may not always be transmitted.

The new digital schedule can be found in teleprinter and packet versions of 2010 ARRL Bulletin ARLB005.

OSSBN Schedule

The Ohio SSB Net is now back to it's normal schedule.

Morning session

10:30 AM 3972.5 KHz
Everyday

Afternoon session

4:15 PM 3972.5 KHz
every day

Evening session

6:45 PM 3972.5 KHz
every day

For more information, check the OSSBN website at: <http://www.qsl.net/ossbn/>

ARRL Delays rollout of upgraded site.

The problems with ARRL.org continue. After a multi-year planning process, the rollout for the new site was planned for February, then pushed back to March. As they attempted to put the new site online this week, it was clear that there was some work still to be done.

The folks at the ARRL are hard at work ensuring that everything is 100% when the new site does come on-line.

In a related note, a problem cropped up with submission of LOTW entries from the N3FJP software last week. Hopefully, this will be corrected shortly.

Stark County VHF QSO Party



Make as many contacts as you can on 2 Meter FM Simplex!

Stark County contacts are worth **2 Pts**,
all others are worth **1 Pt!**

36 Multipliers!

3 Bonus Stations Will Be On The Air!

Download Entry forms, Rules, and Information at:

<http://www.w8lky.org>

or

e-mail: 2mcontest@w8lky.org!

Sponsored by:

The Alliance Amateur Radio Club

2mcontest@w8lky.org

www.w8lky.org

Alliance Amateur Radio Club

Stark County VHF QSO Party

Sponsored by:
The Alliance Amateur Radio Club

April 10th, 2010
12:00PM - 6:00 PM
Mode: 2 Meter FM Simplex

Hello,

Thanks for your interest in the Stark County VHF QSO Party. This is the Alliance ARC's first running of this event. Though this is a first for us, it is not the first time that such an event has been run in Stark County. The Canton Amateur Radio Club ran a similar contest about 5 years ago. We wish to thank the leadership of the Canton ARC for their encouragement, and support, as we planned this event.

In 2008, we began searching for an operating activity for our club members; something which we had not done before, but was also fun. In August, 2009, the answer was dropped into our laps, as the Portage County Amateur Radio Service (PCARS) held their 2 Meter FM Simplex Contest. Since imitation is the sincerest form of flattery, we decided to adapt their idea to our area. Hence, the **Stark County VHF QSO Party** was a go.

We've tried to keep the rules as simple as possible, but without sacrificing clarity. I Hope we've succeeded, but if you see anything in the attached pages, which leaves you scratching your head, please let us know. You can e-mail us at 2mcontest@w8lky.org, or call me at 330-936-5021.

The purpose of this contest is to:

- Provide an opportunity for local Amateurs to enhance their station and operating skills.
- Simulate emergency conditions (with NO repeaters).
- To enhance utilization of the 2 meter band and simplex operation
- To have some fun. Seriously, why would we bother staying in this great hobby/service, if we didn't have some fun once in a while? We think that everyone will enjoy themselves with this contest.

But, along with having fun, let's do our best to stay safe out there. I'm talking especially to the mobile operators. Obey the rules, of the road, and let's make this a good day for everyone.

We again thank you for your interest, and look forward to working you in the **Stark County VHF QSO Party**.

73,

John Myers, KD8MQ
President, Alliance ARC

Stark County VHF QSO Party April 10th, 2010 Summary Sheet

Callsign Used: _____

Callsign of Operator (If different from Callsign used): _____

Additional operators (Driver, logger, etc): _____

Club Affiliation: _____

<u>Entry Class:</u> <input type="checkbox"/> Low Power <input type="checkbox"/> High Power <input type="checkbox"/> Mobile/Portable
--

Did you operate from outside Stark County? <input type="checkbox"/> Yes <input type="checkbox"/> No

QSO's	Cities	Mult QSOs X 2	=
QSO's	Villages	Mult QSOs X 2	=
QSO's	Townships	Mult QSOs X 2	=
QSO's	Outside Stark County	Mult QSOs X 1	=
QSO Points =			
Total number of Townships, Cities, and Villages you worked (max 36) (See checklist on the next page)			(a)
Multiply box a & b. This is your raw score			(b)
Add 10 Points for a contact with each bonus station (max 3) = <input type="checkbox"/> W8AL <input type="checkbox"/> W8LKY <input type="checkbox"/> W8NP			(c)
Mobile/Portable: Add 50 points for each City, Township, and village you activated (max 36) =			(d)
Add boxes c, d, & e. <u>This is your final score</u>			(e)

" I have observed all competition rules. My entry is correct & true to the best of my knowledge.
I agree to be bound by the decisions of the Alliance ARC awards committee."

Date: _____ Signature: _____ Callsign: _____

Please enclose log & summary sheets, along with any comments, and photos, and mail within 30 days to:
Stark County VHF QSO Party, c/o John Myers, KD8MQ, 510 W. Harrison St., Alliance, OH 44601.

You may also e-mail your entry to: 2mcontest@w8lky.org.
You will receive a e-mail confirmation of your entry.

Name _____ Call _____

Address _____

City _____ State _____ Zip _____

E-mail Address _____

Stark County VHF QSO Party

Bonus contacts / Multiplier check off sheet / FAQ

Townships		Villages		Cities	
<input type="checkbox"/> Bethlehem	<input type="checkbox"/> Canton	<input type="checkbox"/> Beach City	<input type="checkbox"/> Brewster	<input type="checkbox"/> Alliance	<input type="checkbox"/> Canal Fulton
<input type="checkbox"/> Jackson	<input type="checkbox"/> Lake	<input type="checkbox"/> East Canton	<input type="checkbox"/> East Sparta	<input type="checkbox"/> Canton	<input type="checkbox"/> Louisville
<input type="checkbox"/> Lawrence	<input type="checkbox"/> Lexington	<input type="checkbox"/> Hartville	<input type="checkbox"/> Hills & Dales	<input type="checkbox"/> Massillon	<input type="checkbox"/> N. Canton
<input type="checkbox"/> Marlboro	<input type="checkbox"/> Nimishillen	<input type="checkbox"/> Limaville	<input type="checkbox"/> Magnolia		
<input type="checkbox"/> Osnaburg	<input type="checkbox"/> Paris	<input type="checkbox"/> Meyers Lake	<input type="checkbox"/> Minerva		
<input type="checkbox"/> Perry	<input type="checkbox"/> Pike	<input type="checkbox"/> Navarre	<input type="checkbox"/> Waynesburg		
<input type="checkbox"/> Plain	<input type="checkbox"/> Sandy	<input type="checkbox"/> Wilmot			
<input type="checkbox"/> Sugar Creek	<input type="checkbox"/> Tuscarawas				
<input type="checkbox"/> Washington					

Frequently Asked Questions (FAQ)

1. ***I'm outside Stark County. Can I work any other counties besides stark for credit?*** No, if you are outside Stark County, you may only work Stark county stations for point credit.
2. ***I plan to operate mobile from within Stark County. May I continue to work Stark County Stations for credit after I leave the county?*** Yes, you may. But, they will only be able to work you for 1 point after you leave the county, not 2.
3. ***Well then, may I still work non-Stark county stations for point credit, once I leave the county?*** No, you may only work non-Stark county stations for credit, while you are actually in Stark County.
4. ***May I work a station more than once for credit?*** Sure, but only if one of you is mobile, and has moved to a different Township, City, or Village.
5. ***I plan to enter as a mobile. May I work the bonus stations from each Township, City, or Village that I activate?*** Yes, but only for QSO points. The 10 point bonus only applies for your initial contact with each of the bonus stations.
6. ***Can I submit my entry via E-mail?*** Sure, just forward your summary sheet, and log information to 2mcontest@w8lky.org.
7. ***What if I don't have e-mail?*** No problem! Snail Mail goes to: Stark County VHF QSO Party, c/o John Myers, KD8MQ, 510 W. Harrison St., Alliance, OH 44601.
8. ***How about pictures, or soapbox comments?*** By all means send them along. They will be appreciated, and will be included on a space-available basis in the final results mailing.
9. ***I only made a few contacts. Should I even bother turning in a log?*** Sure! Every point counts. You may just win an award. At the very least, your log will help us as we check the rest of the logs.

Alliance Amateur Radio Club

Stark County VHF QSO Party

Sponsored by:
The Alliance Amateur Radio Club

April 10th, 2010
12:00PM - 6:00 PM
Mode: 2 Meter FM Simplex

Objective:

- Stations in Stark County - To work as many stations as possible.
- Stations outside Stark County - To work as many Stark County stations as possible.

Contest Period:

- Date: April 10th, 2010 - Time: 12:00 Noon - 6:00 PM
- Deadline for logs is Monday, May 10th (Submission information is on the summary sheet).

Entry Classifications:

- Low Power: Station running a Power level of 5W or less
- High Power: Fixed station running a Power level of more than 5W
- Mobile/Portable: A station operated from more than one Township, City, or Village
(Low Power & High Power stations may operate from only one Township, City, or Village)

Frequencies:

- Contacts may be made on 2 Meter simplex FM. A suggested frequency list is on page 3.
- As a matter of courtesy, and good Amateur practice, avoid the 146.52 calling frequency.
- Contest contacts on repeaters are not permitted. However, use of repeaters for solicitation of contacts is allowed.

Exchange:

- Send your Callsign & QTH (Stark County stations: Township, City, Village / Non-Stark County stations: Your county)
- Work stations only once. Work Mobiles again when they move to a new township, city, or village.
Mobiles may be worked only once per Township, City, or Village.
- Only one transmitted signal at a time.
- Mobile stations must identify as such.

Scoring:

- Contacts with Stark County stations count for 2 points
- Contacts with stations outside of Stark County count 1 point

Multipliers:

- There are 36 possible multipliers. There is a multiplier check off list on page 3.

Bonus points:

- Initial Contacts with W8AL, W8LKY, & W8NP count 2 QSO points plus an additional 10 bonus points each, for a maximum bonus of 30 pts.
- Mobile/portable stations get an additional bonus; Add 50 points for each Township, City, or Village activated.

Awards:

- Awards and/or certificates will be presented for first, second, and third place in all entry classifications.
- There will also be an award for the first place club entry. Any club with entries from 3 or more members, will be eligible.
- Send a 9X12 SASE with your entry, if you would like a participation certificate.

Stark County Multiplier List

Townships

Bethlehem
Canton
East Canton
Jackson
Lake
Lawrence
Lexington
Marlboro
Nimishillen
Paris
Perry
Pike
Plain
Sandy
Sugar Creek
Tuscarawas
Washington

Cities

Alliance
Canal Fulton
Canton
Louisville
Massillon
North Canton

Villages

Beach City
Brewster
East Canton
East Sparta
Hartville
Hills & Dales
Limaville
Magnolia
Meyers Lake
Minerva
Navarre
Waynesburg
Wilmot

Suggested Simplex Frequencies

146.430	146.490
146.445	146.505
146.460	146.550
146.475	146.565



Callsign: _____

W8LKY
Alliance Amateur Radio Club
Renewal – Membership Application

Mail to: Mary Ann Royer
6255 Sandalwood NE
Canton, OH 44721

Name _____ Phone # _____

Address _____

City _____ State _____ Zip _____ Birthday _____

Occupation _____ ARRL Member? Yes ___ No ___

License Class _____ Expiration Date _____ Year you were first licensed _____

E-mail Address _____

Special interests? (i.e. DX'ing, Contesting, Hunting, etc.) _____

Pro-Rated Dues Schedule
(New Members Only)

	April-June	July-September	October-December	January-March
Sustaining	\$15.00	\$11.25	\$7.50	\$3.75
Full	\$10.00	\$7.50	\$5.00	\$2.50
Associate	\$5.00	\$3.75	\$ 2.50	\$1.25
Family Member	\$1.00	\$0.75	\$0.50	\$0.25

Please do not write beneath this line

Dues paid – Sustaining() Full() Associate() Family() \$ _____ on _____, 20____ signed _____

Pioneer Amateur Radio Fellowship, Inc.



W8CTT



2010 DAYTON HAMVENTION BUS TRIP

The cost of the Bus & Entrance ticket to the Hamvention:
\$65* before April 23, 2010

The cost of the Bus Only to the Hamvention:
\$50* after April 23, 2010
(You will need to get your own Hamvention Entrance Ticket at gate \$25)

Name _____ Call Sign _____

Address _____ City _____ Zip _____

Phone # _____

Email Address _____
(Email confirmation will be sent you upon receipt of your check.)

The charter bus company requires that we have emergency info on hand for each of our riders. After speaking with emergency personnel about "best case" info to have on hand, this is what they look for: (If you prefer not to answer or carry such info with you, please just note as such.)

Emergency Contact Person _____ Their Phone # _____

Meds you are on _____

Allergies _____

*******For Office Use Only*******

Date Received _____ Amount Received _____ Confirmation Sent _____

Pioneer Amateur Radio Fellowship, INC.

Dayton Hamvention 2010

Saturday May 15, 2010 5:30 AM

Are the gas pumps keeping you from the Hamvention? Is the thought of driving down to Dayton and then parking your car in some shopping center to be then bused to the hamvention keeping you from going? Why not take our bus to the Dayton Hamvention where you can come and go to the flea market with your great purchases and leave them on the bus. The bus will be parked close to the flea market entrance.

You can save **\$10*** if you book before April 23rd

The cost of the Bus & Entrance ticket to the Hamvention:
\$65* before April 23, 2010

The cost of the Bus Only to the Hamvention:
\$50* after April 23, 2010

(You will need to get your own Hamvention Entrance Ticket at gate \$25)

We will take riders right up to departure that morning if there are seats available.
Departure time is 5:30 AM Sharp so please be on time so you don't miss the bus!
Parking will be in the back of the church.

There will be a stop for breakfast at McDonald's and a dinner stop at the Hometown Buffet all of which will be on your own.

Transportation is being provided by the Crossroads Transportation Company.
This bus is a smoke free bus so there will be no smoking permitted.

To Order: Joy Spencer KA8TDF
2101 Bigelow St
Akron, OH 44314
Or call 330-745-5115
E-mail: KA8TDF@arrl.net

Make checks payable to: PARF
Please supply a return e-mail for your receipt confirmation.

Location of Departure is:
Akron Baptist Temple
2324 Manchester Road
Akron, Ohio 44314
Located on Rt 93 just north of Rt 224

Repeaters 147.135 & 146.610

** PARF needs at least 20 riders by April 14th for this bus to be a guaranteed trip. So don't delay and please pass the word out to all of your ham friends & computer geeks.*

The above pricing does not include any tips.



U.S. Freshwater Island On The Air

Grid EN81



Lat: 41.716715
Long: 82.816576

Massillon Amateur Radio Club - Massillon, OH

BANDS / FREQUENCIES

PHONE:

7.250 mhz
14.250 mhz — 14.260 mhz
28.450 mhz

Note: 14.260 be reserved for and given way to IOTA operations.

CW:

3.530 mhz
7.025 mhz (may need to scan the band to find the frequency in use.)
14.040 mhz
18.098 mhz
21.040 mhz

On July 23, 2010 the Massillon Amateur Radio Club will depart on their first expedition that will take them to North Bass Island. MARC will setup world wide radio communications and attempt to qualify this island for U.S. Islands Award Program. This expedition will coincide with I.O.T.A. (Saltwater Islands). North Bass Island will be the home for some 15 amateur operators who will on July 24, 2010 begin on-the-air operations commencing at 1200 UTC until July 25, 2010 1600 UTC. During this period they will attempt to make as many world wide contacts on many frequencies and modes.

North Bass Island is located on Lake Erie, north of Port Clinton, OH and 8 nautical miles from the Canadian border. Without the generosity and hospitality of the islanders this event would not be possible.

If you would like to make a donation to help defray costs, please make checks payable to 'M.A.R.C.' or Massillon Amateur Radio Club. Mail to: WD8MBE (Tom) 235 Leonard Ave NW, Massillon, Ohio 44646. Thank You

AARC Swap n Shop!

Do you have something Ham-related for sale, or something you are wanting to buy?

Nothing to list this month. If you have something, contact KD8MQ; His e-mail address is below.

Swap & Shop rules: We'll keep the rules simple.

1. All ads will run for two months, unless you contact me to cancel, or extend it.
2. You are allowed to post anything as long as it is Ham Radio, or Computer related.
3. Please, no converted CB equipment.

To place an ad: contact John, KD8MQ (e-mail: kd8mq@arrl.net)

OMO & MPN - cont.

(Continued from page 19)

ing of Don, K8OMO, and Richard, KD6MPN. Don, and Richard came in 2nd place in last years Greater Stark County Fox hunt, and were the only ones to find the fox this time. They found the fox 51 Minutes into the 2 hour hunt.

The other teams were Justin, W8JKC, David, KC8WVH, and I think I saw one driver, with them, but didn't catch his name.

The other team was Tom, KC8QOD, and his wife. Tom was having some issues with his offset attenuator, but I bet it'll be fixed in time for the next hunt.

It appears that the placement of the antenna, perhaps coupled with the amount of rebar in the rubble, combined to cause some peculiarities in the signal pattern. All three teams noted an extraordinarily strong signal 3-4 blocks north of the foxes hiding place. Take a look at the screen shot from

Richards GPS, and you'll see what I mean.

Afterwards, we adjourned to Sheetz for the traditional swapping of tall tales.

The next AARC hunt is scheduled for April 24th, at 2 PM. We'll be starting from the parking lot at Glamorgan Castle.

This year, we are attempting to keep each hunt on the 4th Saturday. The only exception is June, when the hunt may move to a weeknight, to avoid a conflict with Field Day.

The other thing we are attempting to do is to increase the difficulty level somewhat, by not having the fox box hidden in plain site.

We have some downright devious ideas for future hiding places. So be ready.

As also, volunteers to hid the fox are always welcome. Here's your chance to see how devious you can be. Just let me know if you'd like to be the hider. (KD8MQ)

Wireless Electricity?

An interesting website was brought to my attention a few weeks ago. Witricity is working on a system to transmit power over distance, using "Highly resonant Magnetic Coupling".

The heart of the system displayed on the website appears to be a square inductor measuring about 6-8" per side. Since the process is proprietary, there's not a lot of technical details given. My assumption is that they are using some frequency higher than 60 Hz.

What I find interesting is that this sounds similar to the process that Nikola Tesla was working on, and arguable had done. He was unable to make a go of it, however. George Westinghouse, his benefactor pulled the funding for the process. No one has been able to duplicate Tesla's results, until perhaps, now?

Witricity's website is at <http://www.witricity.com/>

April 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																																																																									
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Alliance Amateur Radio Club
 P.O. Box 3344
 Alliance, OH 44601

The AARC Wayback Machine

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/>.

April 1990, (Editor, WX8G)

- Congratulations went out to Bonnie Robison, KB8GAC, and Mary Ann Royer, KB8IVS, on passing their Tech exams at the Ravenna VE site.

- The Zero Beat was to have a new editor; Dave, KC3CL. This issue was done by John, WX8G, whoever that was. Sounds like a bogus Callsign to me!

- We were selling raffle tickets. The prize was to be an Icom IC-2Gat (1st prize), a Sears antenna rotor (2nd prize). In a separate raffle, we were raffling off a CD player (1st prize), and a 35mm camera (2nd prize).

- Our 4th annual Mall Show was coming up. Guest speakers were scheduled to be FCC agent D. E. Ehret, and Mark Koontz from TV8.

- After the recent 3Y5X Dxpedition, the FCC issued 240 citations for out of band operation to stations operating on the Bouvet Island frequency. Hopefully, The FCC included a pamphlet on how to operate split.

- There was a article on the origins of Ten-Ten International

- Lastly, I couldn't help noticing that the April, 1990 copy of the Zero Beat was mailed for only 25¢. Oh, for the good old days!

April, 1995, (Editor, WX8G)

- This issue of the Zero Beat was written to Non-Hams. The purpose being to hand it out at the AARC Mall show. It included such things as net formats, repeater directories, "how to be a Ham", etc.

- Also in this issue was word that Bill Moretta, N8TLY had passed away.

(There was no April, 2000 issue of the Zero Beat)

April, 2005, (Editor, KE8VE)

- We were saddened to hear of the resignation of Dave Glass, W8UKQ. He had held the office of secretary for the past several years.

- Jack, W8WEN related the story of his visit to Copley Middle School, and seeing their well appointed club Hamshack.