



The Spirit of '76 and '88



Newsletter of the Lake Erie Amateur Radio Association

Editor: Joe Prokop KC8RAN

Publisher: Jeannie St. Marie, KC8MNW

This Month's Meeting — Tuesday, October 25

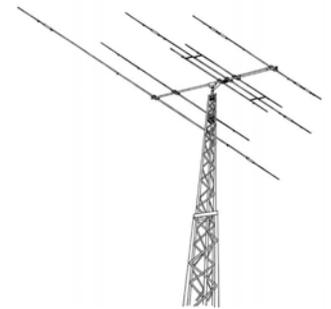
Dinner: 6:30 PM, Program Begins at 7:30

“My Favorite Rig” and Elections

Bring your favorite ham radio rig or part of a rig (or a photo) and show it off. This year, it doesn't have to be homebrew. It doesn't even have to work. It just has to have a special place in your heart.

For the elections, a ballot mailer was sent in early in October along with membership renewal information and updated LEARA directories. If you have not received your ballot and/or membership renewal information, let Membership Chair and election committee member Marv Grossman know (440-248-0031, w8azo@leara.org) and he will mail you a replacement. Further details about the election are posted on page 3.

Dinner is served at 6:30 PM, with the meeting and program beginning at 7:30 PM. Dinner choices (Chicken Parmigiana, Steak or Broiled Scrod) are \$15 per person, and reservations are required if you wish to eat. Call Marv Grossman at (440) 248-0031 or online at leara.org.



**Important
CC&R Notice
See Page 7**

September Meeting Recap

The presentation by Captain Gary L. James of the Summit County Sheriff's Office at the September meeting on the Community Anti-Terrorism program was the 62nd class given. Despite doing this many programs, Capt. James did not just go through the motions. The program displayed passion, commitment and dedication to keeping our community and our country safe.

What Capt. James asked us, as ham radio operators, to take our partnership with law enforcement one step further. As hams, we can provide eyes and ears with the law enforcement agencies. By paying attention to what's going on around us, we can make a difference in the war on terror. We shouldn't change what we are doing in our daily lives. But we need to take the blinders off and observe what is happening as we go about our business. The most devastating terrorist attack that occurred on 9/11 was part of a chain of terrorist attacks that have happened for the past few decades. What made it possible is we “fell asleep” after the previous attacks, including the first attempt to bomb

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October, 2005

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Al Amster, W8HYG	Al Severson, AB8P (SK)
Fred Collins, W8ADW (SK)	Pat Shreve, W8GRG (SK)

POINTS OF CONTACT

"Sunshine"	
Don Raith, N8DJG	216-921-7546
Radio Officer	
Raye Bayun N8NAP	146.76.R
Radio Officer	
Bryan Torok, N8OOF	146.88.R

The *Spirit of '76 & '88* is published monthly except in December. Contributions must be received by the 1st of the month.

Editor:

Joe Prokop KC8RAN

E-mail: editor@leara.org

de W2THU...

Summer ended a couple of weeks ago and today the wind came from the east, the temperature dropped almost 30 degrees Fahrenheit and at one point it looked like frozen rain was falling in downtown Cleveland. This forebodes winter, a difficult time to live in Northeast Ohio. Our September meeting speaker at Dimitris' reminded us that it is also difficult to be living in modern times. Captain Gary L. James of the Summit County Sheriff's Department tried to make us aware of possible terrorist activity in our own neighborhoods. Hopefully, we will not be experiencing any terrorism in our town, but we thank the captain for his time and efforts.



You will be receiving your ballots about the same time this Newsletter arrives at your QTH. Please take some time to review the candidates' statements so that you may make an informed selection in our annual election process. Don't forget that LEARA is run by your Board of Trustees who are empowered by our association's bylaws to make all decisions regarding the well being of your club. LEARA Trustees meet six times a year where they debate policy and democratically guide our fine organization. Decisions range from the holiday menu at Dimitri's to whether we need to install a new repeater controller. Please take the time to vote and make sure to get your ballot in before our October club meeting on 25 October 2005.

A recent tragedy in southern Ohio is a sad reminder about tower climbing safety. Everytime I look at an antenna at AES I notice the mandatory safety sticker warning us not to let the antenna touch a power line during installation. Yet, an amateur radio operator in Preble County did just that when he attempted to install a ham antenna on an existing tower at the New Paris fire station. Bob French, N8EHA was volunteering his time in the ARES/RACES program by climbing the fire department tower while hauling up an antenna that struck a power line. The shock caused him to fall 40 feet to his death even though he was wear-

(Continued on page 3)

LEARA is a not-for-profit organization dedicated to Amateur Radio and to Public Service. Club information packets and applications for membership are available from **Marv Grossman, W8AZO, 440-248-0031**, or may be downloaded from our web site at **www.leara.org**. Annual membership is \$18.00. **LEARA's address** is: LEARA, PO Box 22823, Beachwood, OH 44122-0823.

LEARA is an ARRL-affiliated club. When you join or renew the ARRL, LEARA benefits monetarily if you so through the club. Send ARRL Applications/renewals to Club Treasurer Dave Foran WB8APD, 5439 Nan Linn Dr. Willoughby, OH 44094-4365. Make the check payable to **LEARA**, not the ARRL.

Membership Meetings are held the last Tuesday of each month except December at Dimitri's Restaurant, 1830 Snow Rd., Parma, OH (in the Mid-Town Shopping Center, just west of Broadview Road). Dinner is served at 6:30 p.m. The regular meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating, but **reservations are required** if you do wish to eat. Call **Marv Grossman, W8AZO at 440-248-0031** to leave a message.

Trustees' Meetings are held on the second Saturday of odd numbered months at 9:00 a.m. at the Parma-Snow Branch of the Cuyahoga County Public Library, 2121 Snow Rd., Parma, OH (opposite the Mid-Town Shopping Center). Meetings are open to all current members of LEARA.

Association News

De W2THU (Continued from page 2)

ing a safety belt but not a fall resistant harness. Please don't let this tragedy happen to you. Always survey the area before you erect your antenna. If there is any possibility at all that an antenna element could touch a power line, then you must take all necessary precautions to avoid the contact. [This story originally came to me via our Ohio ARRL Section Manager, Joe Phillips, K8QOE and was later reported in October 2005 *QST*.]

Some of you know that I am also active in the Cleveland Chapter 1 of the Quarter Century Wireless Association (QCWA). The purpose of this national organization is to promote friendship and cooperation among hams who were licensed more than 25 years ago. It is not necessary to be continuously licensed to be eligible. The Cleveland chapter is one of the largest and most active in the country. I know that there are quite a few LEARA members who are eligible for this fine organization. The local net meets every Wednesday on 146.85 MHz at 8:00 P.M. If you would like to join, then please contact me and I will forward your name and contact information to our membership chairman.

This month's meeting will feature the tallying of the ballots for the 5 trustee positions that are up for election. Please join us at Dimitri's for dinner, door prizes, camaraderie and to hear the announcement of the winners. There may even be a surprise activity. See you there!

73 de Bob Winston W2THU

Trustee Elections

de Bryan A. Torok, N8OOF

LEARA elections will take place at our Annual Meeting on the last Tuesday of October. All LEARA members in good standing (that is, those whose dues are paid up, with membership ratified by the Trustees) are eligible to vote in this election. If you are in doubt about your eligibility, contact Marv Grossman, W8AZO.

The following incumbents will be running for re-election:

Eric Jessen, N8AUC
Cliff Bade, W8CJB
John Radney, KC8FOC
Steve Kinosh, KB8UTA

In addition to the above, we have the following fine candidates who were nominated:

D. Michael Cegelski, K8EHP
Joe Prokop, KC8RAN

Members should receive their ballot shortly. It is the responsibility of any member who does not receive a ballot to request a replacement. Members may vote by mail or by bringing the ballot to the October meeting.

Please pay close attention to the instructions for voting included with the ballot. Every year a few ballots are invalidated because members failed to sign the outside of the official ballot return envelope.

October is the month LEARA begins collecting dues for the following year. You **are encouraged** to include your LEARA dues for next year in the envelope with your ballot. The Trustees also encourage members to make written comments and enclose those with the ballots. You get to kill three birds with one stone, and LEARA even supplies the envelope. Such a deal!

Looking Forward



The November meeting is the club's annual holiday meeting. Please make sure to set aside November 29th on your calendar. The holiday meeting is usually well attended. Dinner selections are also just a bit better than the usual menu.

There is no club meeting in December. Also there is no December newsletter.



Bandspread: Tuning The Bands...

Good News, Bad News

de KC8RAN

The bad news is we are now in the throes of low sunspot activity. The good news is that the ham bands actually still work. As I'm writing this on Saturday, October 8 at 15:10Z, F5BDD in France was coming in on 21.283. Daniel was working US stations in the Eastern and Mid-west call areas with 57 to 59 reports. Just a short trip down the dial at 21.2801, EA3AKP in Spain. Just up the to 21.300 was OE6MBD in Austria. Also heard was G4WWB, SV9CVY and IK4JPK.

The trick is not having a 1KW station to work DX, the trick is to be there when the opening occurs. Remember that the jump from 100 watts to 1 KW and a beam is only an S unit or 2. That's not enough to make it "cost effective" for most of us. Most operators will tell you that for HF, a good antenna does not necessarily translate into a beam and tower. I heard Bill, KA8VIT give this advice on the 88 repeater on the drive home a few days ago: Generally, a good quality coax or feedline, good connectors, and good antenna construction techniques can make a wire antenna an effective radiator. (Note: what's really cool is to get through a pileup with a dipole over a W5 station obviously running maximum legal power!)

Getting on the best band at the correct time is easier than it was a decade ago as we came out of the last sunspot minimum. More tools are available to use now, especially with the shack PC. DX spotting networks will alert you to DX activity. My logging program from N3FJP has the ability to connect to a spotting network (dxspots.com) and show the activity real time on screen. Other programs and Internet sites also provide real time activity as observations are made.

Another tool to use is a prediction program to show where the best frequencies to use are. One program noted many times on the ARRL Propagation bulletin is W6ELProp (<http://www.qsl.net/w6elprop/>). After setting up your station parameters, the program is ready to use. You have the option of choosing predictions from station to station, but I like the frequency map. After entering the solar flux number and K index number (available from WWV over the air or from various websites including qrz.com), it will display a frequency map shaded with the frequency nearest the MUF. You can also use this map to show where the MUF moves at various times. Click on the New Time button and a pop up window appears. You can use

this at hourly intervals to plan which band to use and what time to work a given area.

The mode you are using can also help improve your chances. The most efficient mode is CW, which focuses the power into a narrow signal. A relatively new digital mode, PSK31, also uses very little spectrum. Both can punch through in times that SSB has difficulty.

Finally, fall and spring is DX contest season. More DX stations are on the air on these weekends and they are all itching to work as many stations as they can. Even if you just make a few contacts, it's a good idea to enter a log into the contest so that the other stations' logs can be verified. You never know what will happen, as I entered a log with 20 contacts and 960 points in the ARRL DX contest last March. 6 months later, I receive a certificate saying I took first place in the Ohio Section for 15 meters Single Band Single Operator. Better lucky than good!

As the LOTW website says, "Now go out and work some new ones!"

Upcoming Contests:

ARRL Sweepstakes :

CW November 5-7, SSB November 19,21

CQ Worldwide DX Contest:

SSB October 29-30, CW November 26-27

There are many other contests as well and can be found in CQ, QST and on the ARRL website Contest Corral page.

Let Us Know

Have you or know of someone who has:

- Achieved an award or a feat worth celebrating?
- Recently upgraded or newly licensed?
- Done something above and beyond the call?
- Made a difference?

Submit your nomination with the name, callsign and the accomplishment to the editor (kc8ran@leara.org) so we can recognize the achievement.

Public Service

October 31— Shaker Heights Pumpkin Patrol

For the 17th year, the Shaker Heights Police Department has requested that local hams provide extra eyes on Halloween night, Monday, October 31, 2005. We use a super secret simplex frequency and drive around in designated areas V-E-R-Y S-L-O-W-L-Y and report problems, questionable situations, traffic jams, etc. to Sgt. Bob, KB8TGX. Bob hands the problems off to the pros who deal with it. WE DO NOT GET INVOLVED! (If you are going to be pedestrian mobile, contact N8IPC for the super secret simplex frequency.) We will meet at the Shaker Heights Police Department, 3355 Lee Road, at 5:30 PM. We should be done by 8:30 PM. If you would like to participate, contact Joe, N8IPC, at 216.991.1951 (evenings), at jswartz@apk.net.

Additional volunteer opportunities are available at <http://www.neopsv.org>

Congrats, Kudos, and Well Done!

Congrats go to Bob, W2THU, on the marriage of his daughter Elizabeth. The new son-in-law is Jessup LeBarron. May they live happy and healthy lives together.

Kudos and Well Done! To the Cuyahoga County ARES group. As posted on the ARES website:

"09/13/2005: Although we were activated twice, but never called up, a fantastic job was done by the Cuyahoga County ARES team in the past week. When the request for assistance was made by CECOMS for the Katrina evacuee arrival, members promptly responded and offered their time and equipment. Even though we were not called up, we showed our agencies how quickly we can mobilize, and that we are committed to serving the community. To the entire team - thanks and great work!" Mike KC8OWL, and his team deserve a congrats for preparations over the months and for showing the value of amateur radio!

Thanks to all who participated in the various public service events held throughout the year. Special thanks to those who coordinated the activities, called for volunteers and spent hours and days acting as net control. And for everyone who stood out in the heat, cold, rain, snow and wind, your presence was more than appreciated by those whom you served.

2005 River Run

de Steve Kinosh KB8UTA

As Eric, N8AUC would say, we met at O dark thirty at the K-Mart on Bagley to get our assignment for this year's River Run. The River Run is a 1/2 marathon through the Metropark, starting in Berea and ending at the Soccer Field by the Tyler Barn in Cleveland. Along with the 1/2 marathon, there is a walking race and a competition for inline skaters. If you have never seen a group of inline skater zip-ping along at 15 mph or so, it's amazing. There were even a few inline skiers complete with ski poles.

Our job was to provide communication for emergency and medical as well as letting net control know the position of the lead runner, walker, and skaters. This year, something new was added. At each water stop, the group that was manning it was asked to provide a theme. At the stop I was stationed at, we had a jungle thing going on, complete with grass skirts, safari hats and jungle drumming. A few of the other themes were a Christmas theme as well as a tennis theme.

If you have not participated in a public service event, this is a good one to start with. Other than the issue of being an early start, we are done by noon, and at the end of the course, we are invited to eat with the participants, not to mention the cool T-shirts we get. You know, if you do enough public service events, you don't have to buy any shirts for the summer. We always hear people saying "thanks for being here for us", and it's good to know that we are needed. I am looking forward to next year's run as well as a few of the other events that LEARA participates

Coming Attractions....

de KC8RAN

In upcoming additions of the Spirit of 76 & 88, I would like to add some new series and feature articles. As noted in the last issue, I'm looking for projects, ideas and other things that you have made, invented or "borrowed". The feature is tentatively called "Roll Your Own".

Steve, KB8UTA is suggesting we feature a club member's shack, with some pictures and interviews. Look for this in December or January, depending on when we can line up some interviews.

Finally, debuting on page 4 is "Bandspread". This feature is intended to focus on operations on the bands, which is what the hobby is all about. I'm looking for contributions here as well. Contact me at kc8ran@cox.net if you can contribute to these new features.

Amateur Radio Continues Hurricane Relief

de *KC8MNW, KC8RAN and the ARRL Bulletin ARLB022*

Amateur Radio volunteers have been utilizing a variety of modes, including HF, VHF-UHF, Winlink and VoIP, to pass Hurricane Rita-related traffic. The West Gulf ARES Emergency Net continues 24-hour operation on 7.285 MHz days/3.873 MHz evenings, with health-and-welfare traffic taking place on 7.285 MHz days/3.935 MHz evenings. The net also is using 7.290 MHz. The Salvation Army Team Emergency Net (SATERN) has been activating at 1400 UTC daily on 14.265 MHz and monitoring for emergency requests. All amateurs are requested to keep these HF net frequencies clear for Hurricane Rita emergency operations.

The national press continues to take notice. Jeannie, KC8MNW received an email from Barney's XYL with the following link to a story by the Christian Science Monitor:

<http://www.csmonitor.com/2005/0915/p12s02-stss.html>

The story tells how hams provided the needed communications for medical emergencies, ranging from obtaining a pair of glasses to arranging through the Cleveland Coast Guard auxiliary to provide Medevac transportation for a pregnant woman needed immediate help.

The article also notes the dedication of hams who pay their own way to come to disaster sites to assist local authorities and emergency service providers. The article notes that hams have a history of providing emergency communication, such as through Skywarn and the Hurricane Net.

The LEARA Net

The Lake Erie Amateur Radio Association's weekly net is held every Thursday evening at 8:00 PM on the 146.760 (- offset, 110.9 PL) repeater. This is an open and informal net intended to provide the opportunity to test radio equipment, promote fellowship among local amateur radio operators, and develop radio traffic handling skills.

Any member of the Lake Erie Amateur Radio Association interested in trying their hand at directing the weekly net is encouraged to contact Eric N8AUC as listed on page 2.

Let Us Know

Have you recently upgraded or received a vanity callsign? Did you finally get that last state for your WAS award or finally received your DXCC? Let us know. Please share your amateur radio related awards or special recognitions by sending a note to editor@leara.org

September Program (Continued from page 1)

the towers. Paraphrasing, "those who fail to learn from history and its' lessons are doomed to repeat it".

Everyone can make a difference in the war on terror. However, don't assume that we only have to watch one certain group. The D.C. sniper, a U.S. citizen, was caught as the result of an observant truck driver, who called in to authorities when he spotted the suspect" car at a rest stop. This hero even placed his truck in the way so as not to let the suspect escape.

Capt. James reminded us that we can be the next hero. He also reminded us of President Kennedy's oft-quoted statement: "Ask not what your country can do for you. Ask what you can do for your country."

September Door Prize Winners

Free Dinner: Jeannie KC8MNW

Screwdriver: Jeff N8YNR

Pliers Set: Dave WB8APB

Riveter: Gary WA8TJL

Magnifier: Dan White

50/50 for \$20: Jeannie KC8MNW



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ARRL News

CC&R BILL SPECIAL ANNOUNCEMENT

From Jim Weaver, K8JE, ARRL Great Lakes Division Director 10/2/05



Sensing that the aftermath of Hurricane Katrina and the developing remainder of the tropical storm season is the right time to go on the offensive, New York Congressman and long-time friend of Amateur Radio Steve Israel has reintroduced the "Amateur Radio Emergency Communications Consistency Act" (HR 3876) into the US House. The act, if adopted, would essentially negate overly-restrictive clauses against antenna structures in codes, covenants and restrictions that are often written into real estate and homeowners organization contracts. Now is not yet the time to jump completely on the campaign trail to gain support for this bill, but be ready for the call to action. In the meantime, our Washington brain trust will begin activating certain Local Contacts in the ARRL Grassroots lobbying program in their phase of work with Congressmen/women. The thrust of the contacts will begin with key members of select House committees, move on to contacts with all members of key committees and then to all members of the House. Presumably, the drive to recruit Senate support will begin before too much longer.

Amateur Radio needs your help.

"Amateur Radio Antenna "CC&R Bill" Reintroduced in Congress (Sep 23, 2005) -- New York Congressman Steve Israel has reintroduced legislation that could make it easier for radio amateurs living in communities with deed covenants, conditions and restrictions (CC&R's) to erect suitable antennas. Arkansas Congressman Mike Ross, WD5DVR, signed aboard as an original cosponsor of the "Amateur Radio Emergency Communications Consistency Act" (HR 3876). ARRL Hudson Division Director Frank Fallon,

N2FF, who attended Israel's public announcement of the bill September 19 on Long Island, pointed out the Amateur Radio volunteers always fill the gap after other communication systems fail in an emergency or disaster. He notes the bill's introduction comes in the immediate aftermath of positive media coverage of Amateur Radio's response to the Hurricane Katrina disaster."

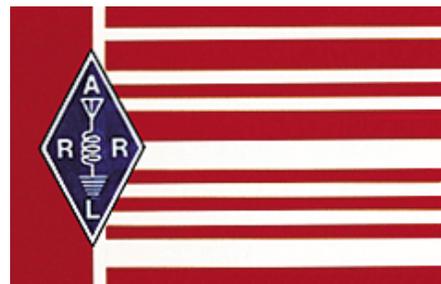
If you would like to become an integral part of the person-to-person phase of our Grassroots (Legislative Action) program in your state, please contact your State Legislative Action Coordinator to become a Local Contact with your Congressional Representative (or Senator). The State Legislative Action Coordinators are: Kentucky - Gregory Baize, Sr., KG4VJG, kg4vjc@arrl.net; Ohio - Jim Ashman, W8ASH, w8ash@arrl.net; and Michigan - Val Rose, N8EXV, n8evx@arrl.net. The Great Lakes Division Legislative Action Chairman is Vice Director Dick Mondro, W8FQT, w8fqt@arrl.org. I am very pleased to have introduced the motion that resulted in the creation of the ARRL Grassroots program.

Additional details of Congressman Israel's bill can be found at

<http://www.arrl.org/news/stories/2005/09/23/7/?nc=1>.

I encourage you to become familiar with the overall need and value of this bill and to await specific instructions on how to proceed. By following a sound, coordinated approach, we have a good chance of getting this legislation enacted. If we pursue an uncoordinated, fractionalized effort, we are nearly certain to fail.

-K8JE



Ohio Section News

KATRINA/DIGITAL DEMO/AWARDS/BPL/OSSBN ALL FEATURED AT THE 2005 OHIO SECTION CONFERENCE, SEPTEMBER 18, IN COLUMBUS

By Joe Phillips, K8QOE
Ohio Section Manager

The annual Ohio Section Conference, at the Ohio EMA headquarters in Columbus, had a full house - 90 attended and participated. Ohio Section Manager, Joe Phillips, K8QOE, opened with a brief period of silence for the victims of Katrina and recognition of the work of amateur radio operators to date.

Ohio Section Emergency Coordinator, John Chapman, WB8INY, started the full agenda with updating all emergency (ARES) news - beginning with the ARRL starting a new national ARES Newsletter - and encouragement for local ARES units to apply for Homeland Security grants.

Ohio Official Observer Coordinator Rick Swain, KK8O, made two award presentations for Meritorious Service and updated everyone on the status of the OO program in Ohio. Then he gave a digital mode demonstration by playing the sounds of various digital modes and challenged the audience to identify the signal.

Great Lakes Division Director Jim Weaver, K8JE, updated all the ARRL news including the Grassroots Lobbying program. He gave a detailed list of ARRL Headquarters response to Katrina.

SEC Chapman returned with a full account of Ohio ham radio operators who are responding to the Gulf Coast recovery from Katrina. Included were television accounts of ham radio's newly found notoriety due to work in the flood damaged area.

Public Information Coordinator Scott Yonally, N8SY, announced the three top winners in the 14th annual Ohio Ham Radio Newsletter Contest and gave the statistics about the contest. This competition not only recognizes award winning work of newsletter editors but keeps track of the progress of all who enter.

What followed was the most popular event of all, the annual Section Conference PIZZA LUNCH. Here everyone gets to socialize and exchange ideas on the progress of ham radio all over our state.

After lunch, Section Manager Joe Phillips, K8QOE, announced the 12th member of the Allan Severson, AB8P, (SK) Memorial Award - Assistant Section Manager, John Haungs, W8STX, a former Ohio SM, and treasurer to at least eight different clubs and hamfests in the Greater Cincinnati area for almost four decades.

Next, assistant Section Manager Bob Winston, W2THU, an attorney specializing in ham radio law, discussed Ohio proposed legislation on cell phone usage in moving automobiles. Assistant Section Manager, Connie Hamilton, N8IO, then updated the conference with news of the Ohio Single Side Band Net (OSSBN).

The last major presentation was Ohio Technical Coordinator, Tom Holmes, N8ZM, who recreated the presentation of ARRL National Lab Supervisor, Ed Hare, W1RFI, on the future of Ham Radio and BPL. Each Section Conference always has a technical presentation recognizing as amateur radio operators, we are first a technical society.

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Contact Jacob Kinosh at: 440-989-8170
or
K8GHX@hotmail.com

Hamfest Listing

30 Oct 2005

Hamfest & Auction

Massillon Amateur Radio Club

Location: Massillon Boys and Girls Club Complex

730 Duncan Street SW

<http://www.marcradio.org>

Contact: Terry Russ, N8ATZ

3420 Briardale Circle NW

Massillon, OH 44646

Phone: 330-837-3091

Email: truss@sssnet.com



For Sale: One complete set of used Isotron 160C and 80 meter Antennas fully assembled, mounted back to back on a single mast. Ready to put up complete with both manuals, now living behind my garage. Excellent condition.....Asking \$125 for the entire assembly.

For Sale: One used Alpha Delta Model DX-B Single Wire Sloper Antenna, 60 Feet long directly tuning 30, 40, 80 and 160 meters. Excellent condition complete with mounting "U" bracket and manual..... Asking \$30.

Contact Mike K8EHP at (216) 252 - 6640 or k8ehp@earthlink.net

Volunteer Exam Dates and Locations

October

18-Oct-2005
Sponsor: PIONEER AR FELLOWSHIP
Time: 7:00 PM (Walk-ins allowed)
Contact: RONALD D LIEVING
(330)724-5981
VEC: ARRL/VEC
Location: AKRON BAPTIST TEMPLE
2324 MANCHESTER RD
PRE-REGISTRATION PREFERRED
CHECK-IN AT 6:30 PM
AKRON, OH 44314

18-Oct-2005
Sponsor: SANDUSKY RADIO EXP LEAGUE INC
Time: 7:00 PM (Walk-ins allowed)
Contact: LUTHER T GANTZ
(419)684-7864
Email: N8HC@ARRL.NET
VEC: ARRL/VEC
Location: SANDUSKY RADIO EXP LEAGUE INC
2909 W PERKINS AVE
SANDUSKY, OH 44870

29-Oct-2005
Sponsor: WRECS
Time: 9:00 AM (Walk-ins allowed)
Contact: ROBERT C GAUSS
(330)562-3328
Email: N8ZB@YAHOO.COM
VEC: ARRL/VEC
Location: BENTLEYVILLE VILLAGE HALL/CHAGRIN FALLS
6253 CHAGRIN RIVER RD
CORNER SOLON RD & RIVER RD
BASEMENT
BENTLEYVILLE, OH 44022

30-Oct-2005
Sponsor: MASSILLON HAMFEST
Time: 9:00 AM (Walk-ins allowed)
Contact: GARY L KLINE
(330)837-2927
Email: WC8W@SSSNET.COM
VEC: ARRL/VEC
Location: MASSILLON BOYS & GIRLS CLUB
730 DUNCAN ST SW
US 21 TO WALNUT ST - TURN WEST
1 BLOCK ON COR DUNCAN & WALNUT
MASSILLON, OH 44647

November

13-Nov-2005
Sponsor: CUYAHOGA ARS
Time: 9:00 AM (Walk-ins allowed)
Contact: GARY S DEWEY
(216)642-8705
Email: GDEWEY@EN.COM
VEC: ARRL/VEC
Location: TOWN HALL
6652 BRECKSVILLE RD
STATE ROUTE 21
INDEPENDENCE, OH 44131

15-Nov-2005
Sponsor: SANDUSKY RADIO EXP LEAGUE INC
Time: 7:00 PM (Walk-ins allowed)
Contact: LUTHER T GANTZ
(419)684-7864
Email: N8HC@ARRL.NET
VEC: ARRL/VEC
Location: SANDUSKY RADIO EXP LEAGUE INC
2909 W PERKINS AVE
SANDUSKY, OH 44870

20-Nov-2005
Sponsor: LORAIN COUNTY ARA RED CROSS
Time: 1:00 PM (Walk-ins allowed)
Contact: CHARLES S HALL
(216)433-3036
Email: VE@W8HF.COM
VEC: ARRL/VEC
Location: AMERICAN RED CROSS
2929 W RIVER RD N
WWW.W8HF.COM (HOME PAGE)
ELYRIA, OH 44035

27-Nov-2005
Sponsor: WARREN ARA
Time: 7:00 PM (Walk-ins allowed)
Contact: WILLIAM H SHOWERS
(330)872-1929
VEC: ARRL/VEC
Location: NEWTON FALLS COMMUNITY CENTER
52 E QUARRY ST
REGISTRATION @ 6:30 PM
NEWTON FALLS, OH 44444

Need help with getting your license or upgrading to the next level. Contact LEARA by email to elmer@leara.org or visit the club website at www.leara.org.

"It's Easier Than You Think!"

LEARA — The Lake Erie Amateur Radio Association

VOICE REPEATERS:

- 53.230/R-**
 - 146.76/R-**
 - 146.88/R-**
 - 224.90/R-**
 - 444.40/R+**
 - 444.70/R+**
- Highland Hills (136.5 Hz tone)
 - Highland Hills (Use 110.9 Hz tone for remote inputs in Lakewood, Newbury & Willoughby)
 - Lakewood (Requires 110.9 Hz tone)
 - Lakewood (141.3 Hz tone)
 - Highland Hills (131.8 Hz tone)
 - Lakewood (131.8 Hz tone)
- (.76, .88, .90 and .70 offer emergency and member-only autopatch lines.)

PACKET NODES: **CLE1** 145.01 MHz: **CLE5** 145.05 MHz: **CLEV220** 223.70 MHz

These nodes are part of the Cleveland Net Cluster in K8EIW's backbone system.

- GENERAL:** **NBRY** • 145.07 MHz & 223.70 MHz (KA-NODE)
- NBRYX** • 145.07 MHz ↔ 223.70 MHz Gateway
- LEARA** • 145.07 MHz & 223.70 MHz PBBS

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