

The LCARA Patch

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MAY 2010

The LCARA Patch

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P O Box 868
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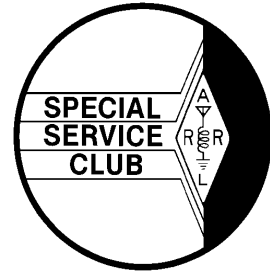
LCARA 2010 MEETING PROGRAMS

The following programs are scheduled for the Red Cross Building in Painesville, Ohio:

May 5, 2010 Time 19:30: Dennis Conklin of DX-Lab will discuss several of the modules associated with DX-Lab's and how a laptop or desktop computer can interface with your rig to get great performance.

Date to be Announced: Time: 19:30: Presentation on the use of Linux for programming by Bill N8IJG.

We look forward to all members joining us back at the Red Cross Building and enjoying a great night of camaraderie.



MONTHLY HAPPENINGS

BOARD MEETINGS

The next Board meeting will be in May 2010 at a QTH to be provided on the LCARA website. Would you please advise one of the officers if attending when the date is established.

“The Patch” – Please E-mail all articles to Bob Mekinda at lcaraeditor@lcara.org.

Club Breakfast is the 3rd Tuesday of the month at 8:30am at Perkins on Mentor Avenue in Painesville.

The LCARA club net is every Thursday at 19:00 on 147.210+ (PL 110.9). All are welcome.

The 10 Meter Net meets on Wednesday at 20:30 on 28.450 MHz. All are welcome.

The ARES® Net is every Monday at 19:30 on 147.210+ (PL 110.9). All are welcome.

The SKYWARN Net meets at 20:00 local on the 1st & 3rd Mondays of the month on 443.700+ (PL 131.8), resuming operation on April 5th, 2010.

The LCARA membership meetings are held on the first Wednesday of the month at 7:30 pm in the:

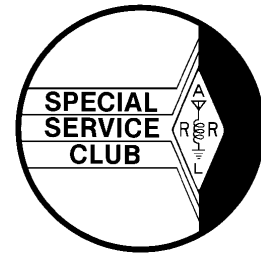
**Red Cross Building
1016 Bank Street
Painesville, OH 44077**

Next meeting is May 5, 2010.

MINUTES FOR APRIL 7, 2010 MEETING

BOARD MEMBERS PRESENT:

Bill N8IJG	President
Ted W4CID	Treasurer
Bill KD8HSI	Secretary
Mike KD8JUF	Director At large



MINUTES FOR APRIL 7, 2010 MEETING (cont.)

The meeting was called to order at 7:56 pm by Bill N8IJG. Bill started the meeting with a round of introductions from Board Members and general membership. Bob N8ORC just got his General license and talked a little about himself.

Correspondence: Bill KD8HSI indicated nothing to report.

Treasurers Report: Ted W4CID gave synopsis of report which was approved as read.

Motion was made to use PayPal for membership dues. Members voted to access all additional charges to use PayPal to individual members. Members voted six for and eleven against using PayPal for membership fees. Motion Failed.

Bill N8IJG gave synopsis of March Board Meeting at his residence.
Next Board Meeting will be at Rick's, W8QL

ARRL: No report given.

DX: Jim AA8OY gave latest DX report.

Field Day: This years Field Day still scheduled at Shadybrook.

Patch: No additions or corrections.

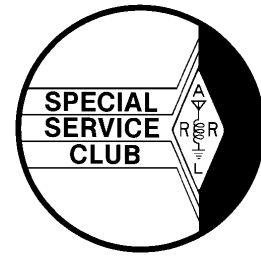
Public Service: Mike WB8ZGH mentioned Skywarn Training is at Lakeland College, April 8, 2010. Class starts at 6:30 pm. First public service event is MS Walk on the 24th of April. Participant should be at Mentor High School at 8:30 am.

Repeaters: Matt W8DEC indicated that three repeaters are on the air at TriPoint as of 2:30 pm April 7, 2010. Fritz K8WLF thanked all members that participated in the repeater move. Matt also gave out awards to various ARES event participants.

Sunshine: Connie had nothing to report, but mentioned George and wife said Hi.

Nets: 2 Meter Net needs controller on Thursday the 8th of April since Bill N8IJG will not be available that evening.
Mike WB8ZGH indicated 10 Meter Net has been fun with numerous participants.

Swap & Sell: Ted W4CID has a power strip for sale. Another member had a 2 Meter Amplifier for sale.



MINUTES FOR APRIL 7, 2010 MEETING (cont.)

Old Business; none

New Business: Neal KC8OMO mentioned that a Ham that used to work at the Hamfest can make Identification badges for about Eight Dollars. Contact Neal for more information. Neal also talked about interest in equipping 440 repeater with IRLP and Echo link capability. Matt W8DEC will put together a Tech meeting to discuss possibility.

Meeting adjourned at 8:48 pm.

Respectfully submitted by Bill Jordan KD8HSI

The President's Corner

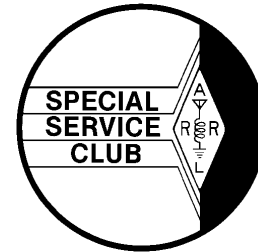
May, 2010

May is on our doorstep and summer events are being planned. Are you planning new additions to your station, equipment or an antenna? Are you waiting for Dayton?

The 147.210, 444.450, and 224.500 have been off the air for awhile and it is great to have the entire repeater system up and running again. I would like to thank Matt W8DEC, Mike KB8ZGH, Fritz K8WLF, Neal KC8OMO, and Jim KC8YGH for their time and efforts in this project.

This year I would like to introduce a new operating activity, "QRP in the Park". This event will be open to all interested amateurs in the area. I wish to encourage individuals and members of any club to bring out their low power equipment meet at a local public park in the area and spend a couple of hours having fun using portable stations to make low power contacts. The concept of this project is to bring together area hams on a weekend day to promote our hobby and test portable antennas and alternative power sources. I am also planning on promoting the event publicly to entice and stimulate interest in radio communication. Start time will be the area of 10:00 a.m. and we will wrap up around 1:00 p.m. The first date will be Sunday May 23, 2010 at Colby Park in Wickliffe (weather permitting). I wish to invite all amateurs to bring a lawn chair and spend some time looking, talking, and just having some fun with people in our hobby

Dee Logan, W1HEO asked me to provide him with some answers to getting youth involved with Amateur Radio. I wish to share with the club my responses to his questions.



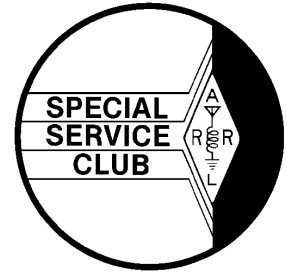
The President's Corner (cont.)

Q. Young people are accustomed to a high-tech world that have easy access to via cell phones and text messaging, so how might we approach them with some attractive features of amateur radio?

answer: I believe that displaying our hobby to our youth through hands-on events and activities which allow actual participation is the most important key. An event like Kid's Day is an activity allowing us to inform the public sector about another aspect of using a communication tool beyond MySpace, Twitter and other Internet networking sites. We should not confine this day to a club house or club station location, but rather set up stations in a public arena where the youth, parents, and passer-by can experience the various modes of communication that we put on display. The ideal approach would be to showcase SSB, Digital Modes (PSK31, RTTY), CW, APRS, IRLP, Echolink, Satellite, and WinLink. Due to space limitations in most cases, two or three modes for display would be enough. For the past two years on Kid's Day, I and members of the Lake County Amateur Radio Association have had station displays in the parking lot of a local library. Anything we can do as a group of hobbyists to show our youth how communication tools can be beneficial to their personal goals and professional advancement in school and community is the approach I would recommend.

Q. Students are increasingly busy with numerous school activities and teachers have little opportunities to include ham radio in their classrooms, so how would you suggest that we reach students?

answer: Yes, today's students are multimedia literate. The average student spends seven hours and thirty-eight minutes per day using media. Most students accumulate ten hours and forty-five minutes worth of media content from those seven and a half hours by media multitasking - using more than one medium at a time (talking on cell phone and using the Internet)¹. The ARRL Teacher Institute has a fantastic offering for today's teachers on the incorporation of hands-on activities geared towards technology and communication that can be brought back to the classroom. If we are preparing students with 21st century skills in a Global Economy, then we must provide our youth with tools for them to achieve this goal. This could include one-to-one real time communication with people in states and other nations that our hobby can offer to fully function in a Global World. This is the time where we need to move out of our club houses and basements and present our hobby as a truly viable tool for communication both as a leisure activity and as a mode that can provide a public service component. With the passage of No Child Left Behind and Race to the Top, schools no longer have the option to offer courses related to Amateur Radio. Relating activities to radio theory has become the exception rather than the rule in most school districts. We as Radio Amateurs must offer open events, presentations, and meetings encouraging the community to experience beyond a classroom setting the knowledge and excitement that operating a radio station offers.



The President's Corner (cont.)

Q. You've been involved in hosting an amateur radio Kid's Day. So what have you observed during those events that seem to attract youth?

answer: The biggest draw to the event is the unknown. Students may have heard of Amateur Radio but most have attended this event wanting to find out what the hobby is about and what it can offer. With the participation of Lake County Amateur Radio Association (LCARA) club members, we have given the participants an introduction to what Amateur Radio is about. Students and parents can walk around the different stations and talk with the operators who present and explain their communication mode, answer questions, and allow the children and parents time to operate a station.

Q. What doesn't work?

answer: So far, I haven't found anything that does not work with our youth. The hurdle is notifying the public about the event. I have created and distributed flyers which has been effective. Local newspapers and television stations have been notified but haven't published or attended the event.

Q. What role does an Elmer play in today's environment?

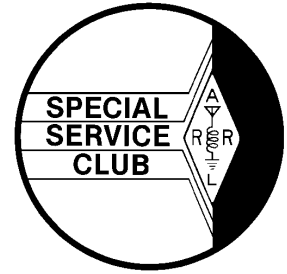
answer: I feel that an Elmer of today has just as an important or even more important of a role to guide and mentor newly licensed amateur radio operators as they have had in the past. Most school systems today have a total academic learning environment for our youth. Today's elementary, middle, and high school students for the most part do not have an opportunity to enroll in any technical classes. We must as hobbyists take those wanting to learn about Amateur Radio as well as newly licensed operators and guide them in understanding how to create and maintain a functional amateur radio station.

Q. How should hams present ham radio today?

answer: As I have mentioned, I believe that presenting our hobby through public awareness events is important. I am planning a new local event for the Lake County Area of Ohio, "QRP in the Park." This once a month Sunday event will allow local amateurs to bring out their portable gear to a local park for a couple of hours and make contacts with other hams using low power equipment. The idea is to bring together area hams for fun, experimentation, networking of local clubs, and promoting our hobby to the public.

Q. What past approaches should be dropped?

answer: Not getting the word out to the public about our hobby.



The President's Corner (cont.)

1. Generation M2: Media in the Lives of 8- to 18-Year-Olds

KAISER FAMILY FOUNDATION

<http://www.kff.org/entmedia/mh012010pkg.cfm>

Some **May** dates to keep in mind:

May 5, Club Meeting

May 14, 15, and 16 Dayton Hamfest

May 23, QRP in the park

73s

Bill Wihebrink

N8IJG

MAY 2010 DX ALERT

ZS8 – MARION ISLAND - Pierre hopes to begin activity on the air as ZS8M in the early days of May. He will be on the island for about 13 months. He will be operating SSB and possibly RTTY.

SV/A - MOUNT ATHOS - Monk Apollo, SV2ASP/A, can now use his A3S beam again on 10, 15, 20 and 30 meters.

A7 – QATAR. JY5FX - Jamal Rayyan, has been issued a reciprocal Amateur Radio license as a foreigner to operate in Qatar as A7/JY5FX. He was found last Tuesday in a round table with other Arab Amateur Radio operators on 14190 around 15Z.

S7 – SEYCHELLES - S79LR is the Seychelles call sign reserved for RA9LR (ex-8Q7LR) for May 1-7 from Desroches, AF-033, and Mahe, AF-024, May 8-10.

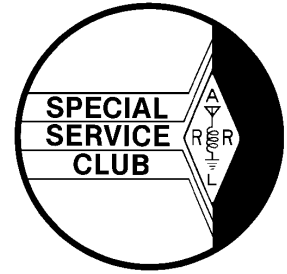
ZF – CAYMAN ISLANDS - ZF2CU (operator W5CU, Sam) will be on the air "from time to time" between May 1-8 with 100 watts. Sam will operate mostly in the evenings on 40, 30 and 20M CW with some SSB thrown in. QSL via W5CU.

PAKISTAN, AP - Tariq, AP2TN has been active on 20 meters CW around 1300z and 15 meters CW around 1100z. QSL direct to DJ9ZB.

Happy Hunting!

Jim Pyle, AA8OY

Thanks to Weekly DX & ARRL DX



BACKSCATTER – MAY

30 Years Ago: The FCC proposes NPRM 80-136, requiring that amateurs need give only their own calls when signing with another station, unless 3rd party traffic is involved. The current rule, largely ignored in contests, requires that both calls be given.

An article, entitled “From Funnel to Final” instructs that when one’s power supply conks out, it is handy to have some liquid amperes on hand to pour down the coax to keep one’s station on the air. It is important to use the right amount, which is four quarts for a full gallon rig.

25 Years Ago: LCARA begins VE exam sessions. Following new FCC rules, the bi-monthly exams will be given at the United Way of Lake County. The cost is \$4.00

The FCC monitoring network has been investigating problems on 3895 kHz. Excessive power and use of fraudulent “amateur-like” signs, plus business communications and interference to neighbors is sited. No names are included, but 22 locations are given, including Madison Ohio.

The ARRL adds packet radio to Field Day, giving 100 bonus points for the first contact, plus points for each QSO.

Dick Bash, KL7IHP advises he is out of the ham radio publishing business. Wayne Green is quoted as saying Bash’s books were “one of the most destructive forces in amateur radio.”

20 Years Ago: Jim Smith, VK9NS, is a one man DXpedition to Bhutan, signing A51JS. Working barefoot into a vertical, his signals are reported as being very weak.

15 Years Ago: LCARA applies for a club call sign. Plans are to change the call (KB8YWA) to N8BC under the new vanity program.

10 Years Ago: Chesterfield Islands, TX0, is declared a new DXCC Entity.

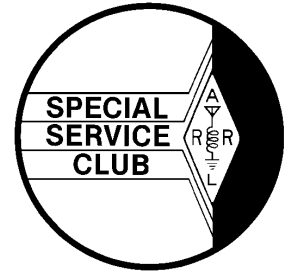
After a nearly 10 year hiatus, the Kingdom of Bhutan authorizes amateur radio again. A team of operators is invited by the government to operate there for 12 days in May.

Pete Buehner, KC8ER inaugurates the Ham Radio History e-mail Reflector.

5 Years Ago: Due to bad weather turn out for the Hamfest is well below average.

Bruce Knox, W8GN, SK.

Submitted by Scott KO8O



EXPO X

The Greater Western Reserve Council, Boy Scouts of America will be sponsoring an event called **EXPO X**. More information about the event may be found at www.gwreexpo10.com. This event will be held on April 30, May 1st, and May 2nd at the Geauga County Fairgrounds. The expected attendance will be 5,000 to 10,000 participants. This event is open to the public with a \$2.00 admission OR three cans of food such as soup or canned vegetables.

Ohio ARES Tenth District is coordinating the special event station W8G celebrating the 100th anniversary of the BSA. Radio operators are needed to help with this historic event. This is a great opportunity to demonstrate amateur radio to not only the scouts but to the general public.

Feel free to contact Matt W8DEC at w8dec@ohioares10.org or Ross KB8JTZ at kb8jtz@aol.com for more information.

If you are a LCARA club member and want to start a monthly column or have an article you would like to see in the next newsletter don't be shy. Contact Bob K8QXO and get it in print! All submissions have a deadline of the 18th day of the month.

HAM EXAMS IN LAKE COUNTY EVERY OTHER MONTH

The Lake County Amateur Radio Association will be holding its **2010** Amateur Radio license exams at **the Kirtland Library**, on the following dates:

Saturday, April 3
Saturday, June 5

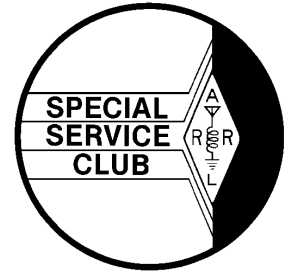
Saturday, August 7
Saturday, October 2
Saturday, December 4



This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.), and will be held at the Kirtland Library, 1.7 miles south of I-90 on Route 306. The library is on the left, immediately after the Marathon gas station.

To register, you will need the NCV EC 605 Form, which will be available at the test. If you would like to complete one ahead of time, you can find it at arrl.org/arrlvec/ncvec605.pdf.

The tests will start at **12 Noon**. Please arrive a few minutes early.



HAM EXAMS (cont.)

Please bring **the original and a copy of both your license and any CSCEs you may have to the exam.** The cost is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification is also necessary, with a picture ID. If you have any questions, please contact Scott Farnham, KO8O, at (440)256-0320.

PUBLIC SERVICE CALENDER 2010

(Note: Mark your Calendar for 2010 for the following events. Actual dates will be provided as soon as they are established).

Event	Month	Date
MS Walk	April	24
Sunday in June	June	13
Field Day	June	26/27
Mardi Gras Parade	July	1 st
Heritage Fest	July	TBA
Greater Cleveland Triathlon	Aug	TBA
IBIM Parade/ Run	Sept	18/19

We were an active group in 2009 doing good things for the community, and having fun while doing it. Looks like 2010 will be even busier so come and add your call to these events while building new friendships with other local hams. Except for the parades you can volunteer a block of time or join the net as a relief operator. For more details on the above events, you can contact me @ 440-255-6560 or E-Mail to mjgoffos@sbcglobal.net.

Mike WB8ZGH

NET INFORMATION

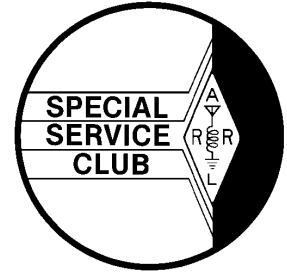
ARES®/SKYWARN NETS

The Lake County ARES® Net currently meets on 147.210 every Monday of the Month at 1930 Local (7:30 PM).

The Lake County SKYWARN Weather Net will resume April 5th and during this storm Season will meet on 443.700(+) PL131.8, the 1st and 3rd Monday of each Month at 2000 Local (8:00 PM).

There has been a Yahoo group established for Lake County SKYWARN. It is <http://tech.groups.yahoo.com/group/lcskywarn/>. You can copy & paste the link to your favorite





ARES®/SKYWARN NETS (cont.)

browser instead of typing it all. Once on the website click on the “JOIN THIS GROUP” button to sign up. You can also send a blank email to lcskywarn-subscribe@yahogroups.com to sign up.

The purpose of the group is to provide another avenue for information about potential severe weather in Lake County. This has been proven to be useful to allow more time to prepare your station before the potential storm hits. The other purpose of the group is to contain useful information about weather in general and resources to keep your weather spotting skills up to par.

Also, please remember that all Lake County SKYWARN and Weather Net activities are on the 443.700(+) PL131.8 CLARA repeater in Eastlake. 147.210(+) PL 110.9 LCARA repeater is the alternate repeater in case 443.700 are unavailable.

The District 5 Net on the 443.450 in Montville and the NWS Cleveland Six Meter repeater(s) are closed and limited to SKYWARN Coordinators only.

For more information, please contact Scott W8OXI at callmeox@yahoo.com or Matt at w8dec@arrl.net. You do not have to be ARES® or SKYWARN members to participate in these nets. ALL ARE WELCOME. Please mark your calendars' for Mondays at 1930.

Matt W8DEC

'ARES' is a registered trademark of the American Radio Relay League, Incorporated, and is used by permission.

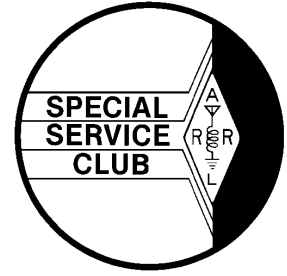
10 METER NET

The 10 Meter Net is up and running come join your fellow hams on Wednesday's at 8:30 PM on 28.450 MHz. This is an informal roundtable where the group can chat about anything that come to mind and even correct some of the world's problems.

You don't need to be a LCARA member, just at least a Tech ticket and some 10 meter gear. Here is a good chance to meet old and maybe some new friends. We might even have a check in from out of the local area. Come join us.

2 METER NET

The 2 Meter Club Net meets every Thursday at 7:00 PM on the club repeater frequency of 147.210+ (PL 110.9). All are welcome.



NET CONTROL OPERATORS

Today all our nets need Net Control Operators, people go on vacation, can not be home on at Net time and unfortunately get ill. We are going to pass around a sign up sheet, think about it and see if you can fit it in your schedule and serve once a month or once every two months. Thanks in advance for your help.

MAY BIRTHDAYS

Neal KC8OMO – May 18th
Cal W8BZP – May 18th
Paul W8PJW – May 29th

Best Wishes for a very Happy Birthday

FOR YOUR INFORMATION Tuesday Morning Breakfast Group

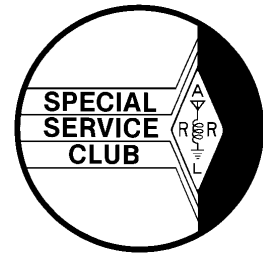
Next meeting of the group is at the Painesville Perkins on **May 18th at 8:30 AM**. This group averages 20-30 people and is a great chance to meet many Hams. This is not a club event and is a great chance to meet other great Hams. Please encourage any Hams you know to attend. It is a fun gathering and a chance to meet Hams who may not be a club member.

CLUB APPAREL

For those interested in purchasing club apparel with the club's logo and your name and call please go to <http://www.callsignwear.com/index.php> and pick out what you would like to order. Placing the order through the club will eliminate shipping charges. If you order direct you will incur shipping expenses unless you are placing a large order.

LCARA Patch Yahoo Group:

Most members receive email notifications from our Yahoo Group page. I am noticing that some members have changed their email addresses and have signed up again for our group under



LCARA Patch Yahoo Group (cont.)

several names. If there are any that you no longer use, would you please send me an email telling me which addresses are no longer in use, so that I can remove them. Please send this to KC8OMO@arrl.net

Have you noticed?

For a short while now we have been video taping the clubs presenters. We are attempting to capture the audio and post them on the LCARA web site like a Podcast. Hopefully members that are unable to make the club meetings will be able to hear the presentations that they would have liked to have attended. There is discussion on making the videos available on a CD/DVD that could be checked out for viewing by club members. We are still experimenting with this idea and there are a few presentations that are available now. When you sign in as a member you will have access to them in the lower left hand corner of the web page. Below are the current listings to choose from.

Visit the website often for up to date club information: www.lcara.org

Thanks goes out to Bill (N8IJG) and Bill Jordan (KD8HSI) for making this possible.

Audio Presentations

[Insurance Policy-ND8L-Ray Fallen, June '08](#)

[July '08 IRLP](#)

[Feb '09 USS Cod](#)

[Apr '09 Slow Scan](#)

[Jun '09 Joe Phillips](#)

[Sep '09 National Weather Service](#)

[Oct '09 Old Time Radios](#)

FROM YOUR EDITOR

SOME FINAL NOTES

Please note that both the Lakeland Repeater 147.255 and the LCARA repeaters are all back on the air and working well. The 147.255 repeater does not require a PL and is open to all operators. Look forward to hearing all using all of our excellent repeaters as all have received excellent reviews from those operators that have tried them.

We are still trying to update the roster with the following information: We will have some update sheets at the meeting and we would like the following information to add to the database: Current E-Mail, Current Phone Number, Birthday (only month and day), Spouse's Name, Class of License, Are you a member of ARRL? Thank you in advance for your assistance in updating our records. (**NOTE:** If I have your E-Mail address I will be sending you a request for this information, again thank you for your assistance.

I continue to try to get new articles and expand our newsletter with each issue. Some of what I do may be good and some may not, however I need feedback for improvement. I am beginning to see other clubs newsletters and I hope in the next year to add a number of new features. So remember this is your newsletter and I want it to provide the information and updates on our hobby that you want to see. I want the **PATCH** to be a newsletter you look forward to receiving and reading every month.

Bob K8QXO



OHIO SECTION MANAGER CANDIDATE

In August 2010, the Ohio Section of the ARRL will elect a new Section Manager. I have been nominated for and am actively running to be your next Ohio Section Manager. My name is Tom Sly – WB8LCD.

There are three things you should know before casting your vote for me:

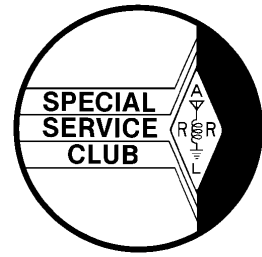
- 1) Who am I?
- 2) What is my vision for the Ohio Section?
- 3) Why am I qualified for the position?

I'm a lifelong resident of Ohio and have been a ham for 43 of my 57 years. I'm married with three adult children; our first grandchild is due right about the time I'll be at the Dayton Hamvention. I graduated from the University of Akron with a degree in Finance. Since graduation I've been self-employed as an Independent Insurance Agent.

First licensed in 1967, I've always been an active ham. My current ham radio activities include QRP, contesting and DXing. I'm active in my local club and have been an instructor in the club's Technician and General upgrade classes as well as a member of the VE team.

As Ohio Section Manager my goal will be to make the Ohio Section the premier section in the ARRL. I believe this can be accomplished by increasing the number of hams in our Section who are members of the ARRL and by making the Ohio Section stand out as the place where the most new hams are being licensed. I will promote ham radio in Ohio to the general public so they will know that Ham Radio is one of the greatest hobbies in the world! With positive community actions, the public in general will hold us in high regard. In the changing world of Emergency Communications there is much to be done to update and better organize the ham radio emcomm response – incorporating ARES, RACES and MARS into a coordinated effort. I think that the Ohio Section should become a “best practices” leader in demonstrating how this can be accomplished.

I've had a successful business career since I started my insurance agency in 1975. I'm an Eagle Scout and on the board of a regional non-profit organization based in Portage county. I was a founding member and the first president of the Portage County Amateur Radio Service, Inc. (PCARS) - www.portcars.org . In just a few short years PCARS has gone from zero to over 150 active members. PCARS has been recognized for its accomplishments by League headquarters staff and others in the ham radio community. I've had the experience to prove that I can organize and accomplish what I set out to do.



OHIO SECTION MANAGER CANDIDATE (cont.)

More information is available on my website – www.wb8lcd.org – and I invite you to email me directly at wb8lcd@arrl.net if you have any specific questions or concerns. Please let me know what *you* think are the important issues we'll face in the Ohio Section in the immediate future.

I hope you will agree, and elect me as your section manager this coming August. In the meantime, get on the air and enjoy the greatest hobby in the world!

73, Tom WB8LCD

Let's Get on the Air with QRP in the Park

This operating activity is open to all licensed amateur radio Operators that would like to bring out their portable stations, Antennas, and operate remotely. This event is open to all. Feel Free to bring out a lawn chair and a lunch and pick up Information on Amateur Radio and QRP activities.

Below are the Dates and Locations for future sites.

Dates and Locations – Time: 10:00 a.m. – 1:00 p.m.

Sunday, May 23, 2010 – Colby Park, Wickliffe, Ohio
Sunday, June 20, 2010 – Colby Park, Wickliffe, Ohio



QRP in the Park (cont.)

Sunday, July 11, 2010 – T.B.D.

Sunday, August 22, 2010 – T.B.D.

Sunday, September 19, 2010 – T.B.D.

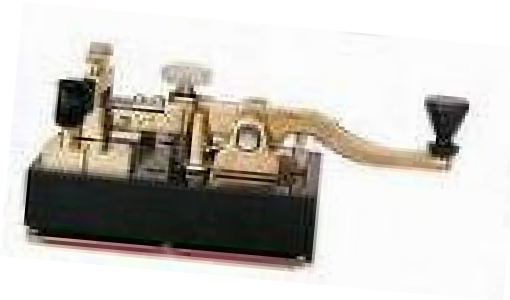
Sunday, October 3, 2010 – T.B.D.

Weather Permitting

Dates and Locations can be found at:

<http://www.lcara.org>

Click on the calendar for future activities.



For Additional Information or Questions

Contact:

Bill, N8IJG

n8ijg@arrl.net

LCARA was organized for the purpose of furthering Amateur Radio by increasing the technical knowledge and operating proficiency of radio amateurs through continuing education, public service and acting as a vehicle of communication by, between and with the members of the association. LCARA is an incorporated association chartered under the laws of the State of Ohio and is an exempt organization under section 501 (C) (3) of the Internal Revenue Code. Contributions to LCARA are fully deductible from Federal Income Tax. Regular and Senior Dues are \$20.00 per year, Students \$10.00. Items may be reprinted by other non-profit publications without prior permission providing credit is given to the original source and The LCARA Patch. Articles from members are welcome.

LCARA– The Lake County Amateur Radio Association

Regular LCARA meetings are open to all people interested in Amateur Radio, whether licensed or not! We meet at 7:30PM at the:

**Red Cross Building
1016 Bank Street
Painesville, OH 44077.**

Voice Repeaters N8BC

147.210 with a .600 Mhz+ offset PL tone of 110.9 Hz.

224.500 with a 1.6mhz.-offset, PL tone of 141.3 Hz.

444.650 With a 5.0 MHz. +offset, PL tone of 131.8 Hz.

(Repeater & N8BC trustee, Bob Liddy, K8BL)

Internet address: www.lcara.org

E-mail address: lcaraeditor@lcara.org

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