



**ELECTIONS**



Our committee to nominate officers for the coming year has been busy contacting members to see who will be running for office. The names haven't changed much, but we do have a slate of officers.

**President:** Ernie Greenisen KC8QPH  
Mel Lippiatt KA8OEB

**VP:** Ginger Grilli KC8ZFK  
Mel Lippiatt KA8OEB

**Treasurer:** Lela McClaren KB8YPD

**Secretary:** Roger Thawley KC8CTV

**Trustee (two to elect):**  
Jane Avnet K8JAA  
Mel Lippiatt KA8OEB  
Bill McClaren KB8MNE  
Dave Sprouse N8GOB

Be sure to attend our January meeting and vote for the officers who will serve you in 2010.



**HI FROM DAVE**



Hi All,  
It hardly seems as if Thanksgiving has passed and Christmas is about to be here along with New Year.

Don't forget the elections at the January meeting which will fall on January 7.

I would like to also remind everyone that SAARA will be having their food stand at First Nite which our part will be at the usual location at St. Paul's School Gym (Scullion Hall). Check into the SAARA Net on Tuesday evening, at 9:00 P.M. on 146.805 with a pl of 162.2 to hear any updated information.

Don't forget to pay your dues as dues are now due. I would like to thank those that helped with the Christmas Parade this past Saturday afternoon it was greatly appreciated.

Entry level classes start on January 4 at 7:00 P.M. at the Salvation Army in Salem at 1249 N. Ellsworth. Hope to see a good group this year.

Not sure what is going to happen with the Quaker Super Nats after party this year, but stay tuned for further information there.

Well, hope everyone has a great Christmas and Holiday Season.

**73 Dave N8GOB**

**TECH CLASS**

Contact: Allan "AI" Avnet AB8AA  
330-549-3051 or ab8aa@arrl.net

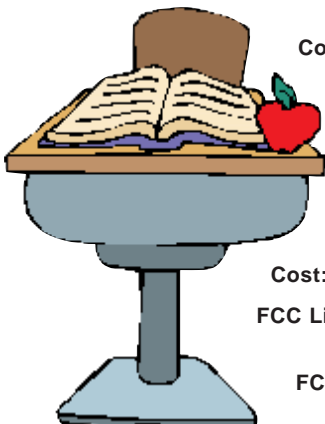
Monday Evenings 7:00 - 9:30 P.M.  
starting January 4, 2010  
(No classes Jan 11 & Feb 8)

Class Location: Salvation Army  
1249 N. Ellsworth Ave., Salem

Cost: \$20.00 for books & Materials.

FCC License Exam: FEBRUARY 22  
for all classes

FCC Testing Fee: \$14.00, payable  
FEBRUARY 22



**ADDITION TO THE BYLAWS**

Mel Lippiatt KA8OEB made a motion at the December meeting to add verbiage to the meeting minutes governing who is able to hold office, and when a member is eligible to vote. After a discussion and vote of the members present, it was decided that Mel's suggestions should be part of our bylaws. The following will be voted on at the January 7 SAARA meeting.

Please try to attend this important meeting and cast your vote for the bylaw addition and for the officers for 2010.

**Section 9 Elections (New)**

**I. Nominees**

- A. Nominees for office shall have been members in good standing of the association during the year prior to the election.
- B. Nominees shall have attended a minimum of six (6) meetings during the year prior to the election.

**II Voting Privileges**

- A. The voter shall have been a member in good standing for three (3) months prior to elections.
- B. The voter shall be current with their dues, or be a life member.
- C. Members in good standing for the previous calendar year have no requirement for membership application.



**FROM OUR SECTION MANAGER**



*Just a few notes for everyone:*

1.) The Ohio Section Journal Winter 2009 Edition is now available for download and linking from the Ohio Section Website ([www.arrloio.org](http://www.arrloio.org)). The OSJ is now only available in this digital format.

2.) Ron West, N8OD, Net Manager for the Ohio Single Sideband Net has announced that due to propagation conditions in the evening hours, the time for the evening session net of OSSBN will be moved up to 6:00pm EST starting December 5th, and will remain there until further notice. Any other schedule changes will be announced via section e-mail, and the Ohio section website.

3.) House Bill 212, Ohio PRB-1 is gaining attention of several State Senators, thanks to everyone's e-mails and phone calls. I appreciate everyone who contacted their local Senator, and sent an update to me. I received many e-mails, and I want to thank everyone for their effort.

From My Family, and the Ohio Section Cabinet, we want to wish everyone a joyous and safe Holiday Season!

**73, Frank Piper, K18GW**  
**Ohio Section Manager**

**UPDATE:**

**OHIO SINGLE SIDEBAND NET  
RESCHEDULES AFTERNOON AND EVENING  
NET TIMES STARTING 12-14-09**

After discussion with my assistant net manager and advisory board the decision was made to change times for the OSSBN. The afternoon net will be moved to 3:30 pm and the evening net to 5:30 P.M. These changes will take affect Monday December 14, 2009.

We hope we will be able to move back to our regular times in a couple months.

**73, Ron N8OD**  
**OSSBN Net Manager**



#### REPORT: Morse Key maker moving to Knoxville

Vibroplex will have a new owner effective December 21st, 2009. Scott Robbins, W4PA, of Knoxville, Tennessee, has agreed to buy Amateur Radio's oldest manufacturer from present owner Mitch Mitchell of Mobile, Alabama who recently decided to retire. In a report detailed at arrl.org, Robbins says he will leave his post as Amateur Radio Product Manager at TenTec in Mid-December to take over and relocate Vibroplex. Newline asked Robbins why he decided to buy the company: "It was my desire to own my own business. Its something I had thought about for a number of years but the right opportunity had never presented itself until now. And its something I gave a lot of thought to once it was made known that Vibroplex was available and I decided that my time had arrived and I would go ahead and give it a shot."

Vibroplex will move to Knoxville before the New Year. Business operations are expected to resume on January 5th, 2010. Vibroplex has been internationally renowned for its semi-automatic keys, known by most as "bugs," for professional and amateur telegraphers since Inventor Horace Martin first created the device in 1904 as a cure for telegrapher's "glass arm," a painful condition similar to carpal tunnel syndrome. The product line expanded to include straight keys, keyer paddles and a wider variety of bugs. When asked what changes he plans for the product line, Robbins said: "No changes to the current products. The changes would be that I have every intention of offering new products under the Vibroplex name in 2010 and beyond."

The bottom line: the change of ownership means that the Vibroplex side-swiper should be with us for a long time to come. (KB4T)

*From the Amateur Radio Newline, Bill Pasternak, WA6ITF, in Los Angeles*

#### TIPS FROM Vibroplex:

##### WHEN CLEANING KEYS

... do not use any products that contain bleach! They can be very destructive on plastic finger pieces.

##### THE RED DECORATIVE TOP PIECES

... are now held in the top of the mainframe with a small drop of super glue. If your red top piece becomes loose, apply another drop of super glue and press the top piece into place.

##### WHEN BUYING KEYS ON eBay . . .

When buying keys on eBay, ALWAYS ask the shipper to remove the lever arm(s) and wrap separately from the key, which should be DOUBLE BOXED to ensure its safe arrival.



### HOUSE BILL 212 NOW HAS A NEW SENATE

#### BILL - SB 218

Date: Wed, 9 Dec 2009 08:22:47 -0600 (CST)

We just received word late yesterday that the Ohio Senate has a companion Bill for House Bill 212 - Senate Bill 218!

For text of the Bill, visit the Ohio House of Representatives Website: <http://www.house.state.oh.us/>

I would like to thank everyone who has been contacting their State House Representatives and Senators. This could not have been done without your help!

My many thanks to Section Government Liaison Nick Pitner, K8NAP, and Assistant Section Manager Steve Katz, N8WL for all of their work on this project.

The work is not done yet, though. We have hearings and testimonies to work through. The best thing we can all do is what we have been doing . . . keep in contact with your Reps, and have them sign onto the Bills, if they have not done so already.

**73, ARRL Ohio Section  
Section Manager: Frank J. Piper, K18GW  
[k18gw@arrl.org](mailto:k18gw@arrl.org)**

## AMATEUR RADIO HONORED



VERO BEACH, FLA — On Dec. 4 and 5, the National Weather Service showcased Amateur Radio, also known as ham radio, during the 11th annual Skywarn® Recognition Day at the NWS office in Melbourne.

Cosponsored by the NWS and the American Radio Relay League (ARRL™- the national association for Amateur Radio, SRD is a way to recognize the commitment made by Amateur Radio operators in helping to keep their communities safe.

The idea for the first SRD took shape in the summer of 1999. Meteorologist-in-Charge of the Goodland, Kan. NWS office Scott Mentzer, N0QE, tried to find a way to recognize the valuable contributions storm spotters make to the National Weather Service.

"Since many of those storm spotters were also hams," Floyd told the ARRL, "it seemed like a natural fit for the recognition to be centered on Amateur Radio."

In keeping with the NWS setting, stations are asked to include a weather report of their location in the exchange.

This year during the 24-hour event, beginning at 7 p.m. Dec. 4, amateur radio operators from the Platinum Coast Amateur Radio Society and the Treasure Coast Weather Network, covering Indian River, St. Lucie and Martin Counties, will operate at the NWS office in Melbourne, using the Melbourne NWS's call sign of WX4MLB.

The Treasure Coast Weather Network begins its 16th year on Jan. 7, 2010. This group of volunteer Amateur Radio operators, who are trained Skywarn® spotters provides information of actual severe weather conditions as they happen. These reports are relayed to the meteorologist at the National Weather Service to aid NWS in confirming what their equipment may or may not be showing and enables them to issue severe weather warnings to the public.

"Over the years our spotters have provided many useful reports to the NWS, especially during the 2004 Hurricanes and 2008 Tropical Storm Fay. The Treasure Coast Weather Network Control operators have provided weather statements to amateur radio operators stationed at shelters, hospitals, and other locations so that they and key officials will have the most up to date weather information to help alert and protect the lives of those we serve," says Wayne Burkett, Sr., KA1VRF, Amateur Radio Emergency Services Skywarn Coordinator for Indian River and St. Lucie counties.

Skywarn® is a program of the NWS to provide real-time, on-the-ground weather information to local NWS offices. Skywarn volunteers go through an approximately two-hour training class by local NWS offices to recognize specific weather situations and to report them to the NWS. Many Skywarn volunteers are also Amateur Radio operators, but an Amateur Radio license are not required to participate.

### MARK YOUR CALENDARS

**Thursday, December 31 - First Nite Salem** 5:15 to 10:30 P.M.St. Paul Scullion Hall. Listen to the SAARA net to see how you can help with this fund raiser

**Thursday, January 7 @ 7:00 P.M.** - SAARA Meeting at the Salvation Army 1249 N. Ellsworth Ave., Salem - **Elections**

**Monday, January 4 @ 7:00 P.M.** - Tech Class begins (see page 1)

**Thursday, February 4 @ 7:00 P.M.** - SAARA Meeting, Vote for Ham of the Year

**Monday, February 22 @ 6:30 P.M.** - Testing @ the Salvation Army

**Thursday, March 4 @ 7:00 P.M.** - SAARA Meeting

**Saturday, March 20 @ 6:00 P.M.** - Club Dinner at the Salem Memorial Building - Ohio Section Manager **Frank Piper K18GW** will be our speaker

**Thursday, April 1 @ 7:00 P.M.** - SAARA Meeting

QST - OCT 2009

KITS FOR KIDS, NOVEMBER 2009

The following is an excerpt from an article by K1ZZ, David Sumner, CEO of ARRL

"When you earn a Amateur Radio license you join a global community of more than two million people who share your interest in radio communication as an avocation. There are radio amateurs all over the world--and above it, orbiting on the International Space Station.

We are a select group, each having qualified for a license issued by our telecommunications administration in accordance with international regulations. We are also remarkably diverse, spanning the full ranges of ethnicity, cultural, and religious traditions and political thought. Granted the most impoverished have no opportunity to be radio amateurs-but many of the greatest contributors to our global community are of very modest means. A radio signal sounds pretty much the same whether it comes from the latest, most expensive transceiver or from a homebrew transmitter built from cast off components, and its effectiveness depends more on the skill of the operator than on the price tag."



**EMERGING TECHNOLOGY: RESEARCHERS DEVELOP SINGLE ATOM TRANSISTOR**

Researchers from Helsinki University of Technology in Finland, the University of New South Wales Australia and University of Melbourne have succeeded in building a micro-sized transistor whose active region composes only of a single phosphorus atom in silicon. The working principles of the device are based on sequential tunneling of single electrons between the phosphorus atom and the source and drain leads of the transistor. The tunneling can be suppressed or allowed by controlling the voltage on a nearby metal electrode with a width of a few tens of nanometers.

In the recently developed transistor, all the electric current passes through the same single atom. This allows researchers to study the effects arising in the extreme limit of the transistor size. The results of the development of this transistor has been published in Nano Letters. That's a journal of the American Chemical Society. (Science OnLine)

Jon Titus, Senior Technical Editor

As a youngster I had a crystal radio that picked up several local stations I listened to with a small headphone. You can still buy crystal-radio kits and many cost under \$20. The Xtal Set Society's www.midnightscience.com Web site offers seven crystal radio kits, including the Oat Box Radio built on a cylindrical oatmeal container. As the kit description notes, you wind a coil on the box and mount components on a template that wraps around the box. You supply the box – after you eat the oatmeal. (XS-OB1, \$12.95). The Xtal Set Society offers membership and a bimonthly newsletter for \$US 14.95 per year.

If you have a youngster who might like a deeper introduction to electronics, look at the DIY Design "Discover Electronics!" package (\$US 49.99) from Sparkle Labs. This kit includes a solderless breadboard and 130 components for basic projects. A 9-V battery will power the circuits. The 32-page illustrated manual shows young people what the components look like – each component type comes in its own envelope with an illustration and the corresponding schematic-diagram symbol. While working with the components, young experimenters learn what the components do, how they work, and what a circuit looks like. The instructions also juxtapose a diagram of the breadboarded circuit with its schematic diagram. Learn more and watch an informative video about the kit at: kits.sparklelabs.com.

<http://www.ecnmag.com/Articles/2009/10/Kits-for-Kids,-November-2009/>

*Thanks to the Heterodyne - newsletter of the Mobile Sixers Radio Club, Delaware County, PA*

**SAARA Officers**  
**wish everyone a Merry Christmas,**  
**Happy Hanukiah,**  
**Happy Kwanza,**  
**and**  
**A Healthy and Happy New Year!**



**THE EDITOR'S MUSINGS**

December 31, SAARA will again be holding a fund raiser at St. Paul's Scullion Hall. Mark your calendars and come out and support SARRA by volunteering to help, or by purchasing a sandwich or two. We will be setting up starting about 5:15 P.M. so we are ready to serve by 6:00 P.M. when the entertainment starts. We should be done by 10:30 P.M. so there will be plenty of time to welcome 2010 at home or away.

Our January meeting is an important meeting, so please attend if you can. We will be electing officers for 2010, and voting on an update to our bylaws. Please read the proposed new article on page 1.

The proposed article is something that should have been in from day one. Last year a member who never attended meetings during the year ran for office. This member was a member in good standing, dues paid, but how can you lead an organization if you don't attend the meetings to know how the club functions? 'Nuf of that! Just be

sure to come out and vote.

We will be voting for Ham of the Year at our February meeting. It's always fun to see who gets this honor.

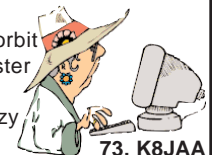
I have contacted our new Section Manager, Frank Piper. He has agreed to speak at our annual banquet in March. Not sure what his topic will be, but I'm sure it will be very interesting. It will be good to get to know him.

In case you, or someone you know, might be interested, an eight-week Extra license class is starting February 24, 2010, 7:00 P.M. at the EMA office, 700 Industrial Road, Youngstown, OH. Registration and Text Book are required. For more information or to sign up, please contact: Allan Avnet, AB8AA, 330-549-3051, ab8aa@arrl.net.

**How quickly does the Earth move?**

The Earth moves in its 585-million-mile orbit around the Sun approximately eight times faster than a bullet travels.

No wonder I've been accused of being a dizzy Blond! *Happy holidays from Al and me -*



73, K8JAA

**2009 - 2010 SAARA Members**

Allan AB8AA  
 Jane K8JAA  
 John KC8SPF \*  
 Paul M. KD8FTL  
 John N8SYH  
 Linda KD8FTM  
 Mike KB8WWQ  
 Nathan KC8OCE  
 Ernest KC8QPH  
 Virginia KC8ZFK  
 Barry AB8VE

Sue K8STH  
 Steve KC8SOY  
 Don NN8B  
 Dale KC8OCG  
 Elizabeth KB3DZS  
 Jeffrey N3YEA  
 Melissa KB3DZR  
 Mel KA8OEB \*\*  
 Bill KB8MNE  
 Lela KB8YPD  
 Linda KB8SXQ

Tom KB8DUX  
 Dave N8GOB \*\*  
 Rick KC8SUI \*  
 Roger KC8CTV  
 Kenneth KC8TQJ  
 Bob W8HZ \*\*  
 Dave KB8NYS  
 Jack W8GUO  
 Frank Zamarelli - Honorary Member

\* 2010 Paid Members  
 \*\* Life Members

**2008 OFFICERS**

President	Ernie Greenisen	KB8DUX
Vice President	Ginger Grilli	KC8ZFK
Secretary	Roger Thawley	KC8CTV
Treasurer	Lela McClaren	KB8YPD

**Trustee's**

1 Yr.	Jane Avnet	K8JAA
1 Yr.	Al Avnet	AB8AA
2 Yr.	Bob Tullis	W8HZ

**Club Dues Structure**

Full Membership	\$15.00/Year
	(Includes immediate family members)
Full Retired	\$12.00/Year
Associate Member	\$10.00/Year
Non-Member Newsletter	\$ 3.00/Year

Join the ARRL through your local ARRL affiliate club. When you do, the club gets \$15.00 for new members. A great way to support our club and have privileges that come with ARRL membership.



**SAARA**  
**P.O. Box 696**  
**Salem, OH 44460-0696**

**Address Service Requested**

[www.qsl.net/saara](http://www.qsl.net/saara)

**OFFICIAL CLUB ADDRESSES**

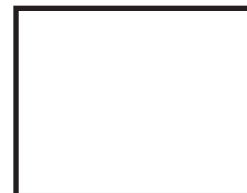
<b>Web Page</b>	<a href="http://www.qsl.net/saara/">www.qsl.net/saara/</a>
<b>E-mail</b>	<a href="mailto:egreenisen@neo.rr.com">egreenisen@neo.rr.com</a>
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**NEWSLETTER Articles and Submittals**

**SAARA** claims no liability for articles published in this newsletter. The viewpoints in the articles are not considered the viewpoints of **SAARA** membership.

All submittals for **SAARA** Speaks must be received by the Editor ([k8jaa@arrl.net](mailto:k8jaa@arrl.net)) or hand delivered no later than December 10, March 10, June 10 or September 10 enabling the newsletters to be mailed and received prior to the months covered by them.

Advertisements for equipment for sale must also adhere to the same schedule. Newsletters are emailed to current members who have email addresses, and mailed to other subscribers, clubs that send newsletters to **SAARA**, and to selected officials.



**SAARA MEETS THE FIRST THURSDAY OF THE  
 MONTH AT THE SALVATION ARMY  
 1249 N. ELLSWORTH AVE., SALEM, 7:00P.M.**

One Nation Under God

**Columbiana County NETS**

Sunday	9:00 P.M. East Liverpool	146.700	Triangle ARC NET
Monday	8:00 P.M. Columbiana County		Columbiana County Emergency Training NET(ARES)
This NET alternates (lowest to highest) between 146.700, 146.775, 146.805, 147.255 and 147.285 repeaters in Columbiana County.			
	8:30 P.M. Bible Study on the Air	147.285	KB8MNE
Tuesday	7:30 P.M. Salem	147.510 Simplex	Homeland Security Net (last Tuesday of every month)
	9:00 P.M. Salem	K8BTP 147.255	Northern Columbiana County SAARA NET
	9:30 P.M. Salem	KB8MNE 28.310 SSB	SAARA Rag Chew Net
Thursday	8:30 P.M. Alliance	28.400 SSB	Alliance ARC NET
	9:00 P.M. Alliance	145.370	Alliance ARC NET
Saturday	8:00 P.M.	146.805- PL162.2	Skywarn net