



# The QUARAE



Volume 14, Issue 8

August 2013

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## President Remarks

July has been a very busy month with all the activities at the clubhouse and public service events. Lots of trees have been eliminated around the clubhouse to make room for our new crank-up tower and beam antenna. The base for the tower is here and the rebar cage that will be buried in 7 yards of concrete for the base is under construction. Thanks to Rick Cutter WA3MKT for leading the tower/antenna project. We also received the new Acom 1500 amplifier. It has been turned over to Craig Hill K3PLV to check it out and set it up for use at the clubhouse. A 220VAC line will have to be run in the clubhouse so we can use the full 1500W power. I enjoyed the NW PA Hamfest a couple of weeks ago. Lots of eyeball QSO's and it is nice to meet and talk to folks that we don't see or talk to on the radio very often. We also had the RAE Club picnic in July. Lots of good food and a pretty good turnout. I wished we would have had more participation, oh well. The \$200 dollar gift certificate for AES was won by a Life Member Ralph Miller N3LXG. I would like to thank Richard KB3ZVH for taking care of the picnic. We did a couple of Public Service events in July, the Half Marathon for the Erie Runners Club and the Three Mile Island Obstacle Course for the Presque Isle Partnership. That is a new event for us and was

good experience that can help when we do the Beast on the Bay event coming up in September. A couple more events are coming up in August, we have been asked to help at the Biggest Loser Half Marathon( a new event ) and we will do the Presque Isle Triathlon at the end of the month.73,

Doug AD4UL

## Erie Resistor

**Thanks to Steve Miller for finding this article.**

Since I live in Erie, Pennsylvania, an erstwhile very industrial, albeit small town, it is always nice to run across information on the area in my electronics magazines. There are still a few electronics businesses in Erie, but as with most of the manufacturing from long ago, high tech here is found mostly on the shelves of Best Buy and not on manufacturing lines. One notable

**Radio Association of Erie Club Meeting –  
August 1 at the Wagner Road Club  
House at 7 PM. Hot Dogs at 6 PM**



exception is [Bliley Electric Company](#), maker of crystal oscillators, who was established in Erie in 1930. Bliley still operates today in a building about two miles from my house. This advertisement from the December 1958 edition of Popular Electronics is by Erie Resistor Company. In doing a Google search, I found a brief history of the company on a UK website. According to the author, [Erie Resistor](#) opened a division in Yarmouth in 1932. Here is a reference to Erie Resistor Company being credited for discovering the ferroelectric oxide - "[History of the First Ferroelectric Oxide, BaTiO3.](#)" Here is a 1930s era patent issued for a "[Resistor](#)" - it doesn't get much more basic than that.



Since I live in Erie, I went down to the old Erie Resistor plant at 644 W. 12th Street and got these photos. The overhead causeway connected both parts of the building to keep employees in comfort (it gets pretty cold and windy in Erie) and safety..



Thanks to [Bob Davis](#) for sending a link to a page on the [Stock Lobster Antique Stocks and Bonds](#) website that has an image of Erie Resistor's official stock certificate. Founded in 1929, the year beginning America's Great Depression, they evidently traded under the name of [Erie Technological Products, Inc.](#) After legal run-ins with unions, Erie Resistor sold out in 1981 to Japan's [muRata](#) Manufacturing Company and became known as muRata Erie North America.

## RAE Picnic

The RAE Picnic was held Saturday July 20, at the Wagner Road Clubhouse. There were about 20 members present for hotdogs, hamburgs, macaroni salad, and bean dishes and other assorted goodies. We especially want to thank Rick WA3MKT for the wonderful chocolate cake. The drawing was held for the \$200 gift certificate and Ralph Miller N3LXG, a lifetime member won the drawing.

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A ham operator is operating Field Day alone at a deserted beach. He is taking a little break from the action, walking around on the beach and notices an antique brass bottle mostly buried in the sand. He digs it out and discovers it's a genie bottle! He manages to

get it open and a genie appears. "Thank you for freeing me, O Master!" said the grateful genie. "I will grant you any one wish you want." The ham thinks about it and says, "OK, I got it. I live right now in a restrictive neighborhood. I would like to have a 500 foot tower with all sorts of antennas, despite the homeowners association." The genie looks worried. "O Master! That's a big order. The power of these HOAs and their CC&Rs is most powerful! In fact, they are more powerful than even I, O Master! I would beg you to please choose something else for your wish." The ham says, "OK, let's do this." He goes over to his ham station and pulls out his log books. "See this entry? This is a contact I once made with AD4UL. I would sure like to get his QSL card after all this time." The genie looks at the logbook. Then he says, "Now regarding that 500 foot antenna tower, do you want it galvanized or stainless steel?"

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## VE Exams

Just recently Joe and I went out to Girard along with some other volunteers to administer VE exams. There were 15 candidates that took the Tech Exam. Twelve people passed. We were definitely busy doing paper work. Some people tried for their General, but no one passed. We also had one person take all three tests at the Wattsburg session and pass all three. Congratulations.

## Radio Calendar

August 1 – Radio Association of Erie Club meeting. 7PM Hotdogs at 6 PM.

August 3 - Int'l Lighthouse-Lightship Contest  
See website.

August 3 - North American QSO Party. See  
[ncjweb.com](http://ncjweb.com)

August 6 – Corry Amateur Club Meeting

August 8 – Union City Club Meeting

August 10 - Maryland-DC QSO Party. See  
[mdcqsoparty.w3vpr.org](http://mdcqsoparty.w3vpr.org)

August 10 – Cardboard Boat Regatta

August 12 –Perseid Meteor Shower

August 13 – Wattsburg Club Meeting

August 17 – VE Sessions at Wattsburg Club.

August 17 – Biggest Loser ½ Marathon.

August 18 - Warren Hamfest. Located in  
Cortland, OH. Sponsored by Warren Amateur  
Radio Association. See  
<http://warrenhamfest.blogspot.com/>

August 24 - Kansas QSO Party. See  
[www.ksqsoparty.org](http://www.ksqsoparty.org)

August 24 - Ohio QSO . See [www.ohqp.org](http://www.ohqp.org)

August 25 - Western Pennsylvania Section  
Convention. Located in New Kensington, PA  
Sponsored by Skyview Radio Society. See  
<http://www.skyviewradio.net>

August 25 - 5th Annual CFARC Tailgate Fest  
located in Stow, OH. Sponsored by Cuyahoga  
Falls Amateur Radio Club.  
See <http://cfarc.org/tailgate2013.html>

August 25 – Presque Isle Triathlon