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June 2010

SARA Meeting June 7
Early Voice/Music Transmission by Radio
by Ed Owen
and the
Annual Business and Awards Meeting

Fessenden's 1906 Christmas Eve radio broadcast was the first public demonstration of AM radio. It so stunned those who heard the words and music that they could not believe their ears. One writer likened it to walking through the forest and having the trees start talking to you.

This talk will review the technical roots leading up to the broadcast and the subsequent cultural impact on society. Local personalities like Charles P. Steinmetz and Ernst Alexanderson also played a role in this major event.

Ed Owen retired from GE after 40-years of service as an engineer. He is a Life Fellow in the IEEE. His avocation is a study of the history of electro-technology; he has published nearly 40-papers in the field.

Location: SARA meetings are held in Niskayuna High School in the "Little Theater" Room D-104. Due to construction access is from the rear parking lot, off Nott Street Extension. Turn onto Nott Street Extension from Balltown Road and drive past the shopping mall on the left. The entrance is on the left side of the road and marked.

Cancellations: If Niskayuna High School cancels evening classes and activities the SARA meeting will normally also be cancelled and possibly rescheduled. Listen in on the SARA 147.060 repeater for meeting status information and whether it is to be rescheduled.



Programs: This is the last meeting for this fiscal year but we're always looking for ideas for programs or people who have something they would be willing to present. If you have a suggestion for a program please contact Jim, K2PK (see contact information on the last page).

Board Meeting

May 12, 2010, 7:15 to 8:25 PM
LT's Restaurant at Balltown and Nott Street

Present:

President	Dan Fiorillo KC2MER	Board Members	Bill Mischler KG2AC
Vice President	Jim Stewart K2PK		Bob Saltzman WA2ARK
Treasurer	Tim Long W2UI		Frank Simon WB2PUH

Agenda:

Secretary's report - Report accepted as published.

Treasurer's report - Report given and accepted.

Old Business:

Repeater: Hal and Dan continue to work with Scott and John. The 220 antenna has been painted.

News Letter: We are still looking for a newsletter editor. If you have the time please help. The letter is vital to the club. **This is the last fiscal year that the SARA Newsletter will be available in printed format.**

W2ODC Plaque: Pictures of Howard were received.

Election Committee: Dan KC2MER, Jim K2PK and Sid K2LJH. President and vice president nominations are still needed.

Field Day: Frank Simon and Tim Long reviewed plans for Field Day. A cook is needed.

Broughton Committee: There has been one nomination. The certificate must be produced and the medallion engraved.

New Business:

Names were discussed for certificates of appreciation.

Minutes by J. Stewart K2PK

Secretary Hal Post AK2E

SARA Dues Reminder

The SARA membership year runs from July to June and the 2010-2011 dues will be due soon. Please use the form on the last page or see Tim, W2UI, Treasurer at the meeting.



SARA Public Service Events

Thanks to the amateurs who helped with the following Public Service Events.

The 2010 CROP Walk, Sunday, May 2, 2010: Ken, AA2CW, Raleigh, K2RI, Bill, KC2NXC, and Clark, KG2AO.

The 2010 Niskaday Parade: Ken AA2CW, Sid K2LJH, Raleigh K2RI, Rob KA2NKO, Millie KB2SWR, Andy KB2TSA, Bill KC2NXC, Bill KG2AC, Norm KG2AO, Rudy W2JVF, Sid W2SID, and Craig W2XAD.

The 2010 Scotia Parade: May 26, 2010: Ken AA2CW, Raleigh K2RI, Bill KC2NXC, Clark KG2AO, Larry NT2B, and Craig W2XAD

Upcoming SARA Public Service Events			
Event	Date	Time	Meeting Location/Website
Alplaus Parade	July 4	9:00 AM	Alplaus Fire House

SARA provides communications support for a number of events throughout the year. If you're interested in participating in any of the PSEs, contact Ken, AA2CW. His contact information is on the last page or see him at a Club meeting.

Editor and Authors Needed for SARA News

An editor is needed for the SARA News. Please contact any SARA Officer or Director and let them know if you're interested. If you have a story idea, an article ready for submission, or would like to write for the SARA News, please contact a club officer, director, or the interim editor. We're particularly interested in stories about the club, it's members, and their amateur radio related activities.

Volunteer Examiner Session

SARA conducts VE sessions at 6:00 PM on regular meeting nights, the first non-holiday Monday of each month except July, August, and December. Those interested in taking an exam are encouraged to contact Bill Mischler, KG2AC, a few days prior so he can arrange for sufficient VEs to be present. You can find Bill's contact information on the last page.

SARA Repeaters

Status	ON AIR	ON AIR	OFF THE AIR	ON AIR
Band	6-Meters	2-Meters	1.25-Meters	70-Centimeters
User TX	52.570 MHz	147.660 MHz	222.460 MHz	449.200 MHz
User RX	53.570 MHz	147.060 MHz	224.060 MHz	444.200 MHz

SARA NEWS

Browning Golden Eagle

Classic Browning Golden Eagle transmitter and receiver from the Golden Age of CB radio, believed to be a 68R and 68T from 1967-68. This rig is in excellent condition; it powers up just fine appears to be in good working order. \$150 or best offer.



Contact: Steve Cookfair at 393-7733

Location: Schenectady, NY

Spring Clean Up

Do you have unused or spare equipment or parts laying around your shack that need a new home. It's spring clean up time and the SARA News is here to help. Buy, Sell or Swap ads are free and easy to set up. Email a list of what you have, a digital picture if you wish, whether you want to swap or sell (include price), and how you want people to contact you (phone, email or both) to the Interim SARA News Editor at NT2B@arrl.org. I'll get back to you with a draft ad for your approval. If you're looking for something, we can put an ad in for that as well. If you prefer, you could also post them on the SARA Yahoo Reflector at sara@yahoogroups.com. To post on the reflector you'll have to join the e-group at <http://groups.yahoo.com/group/sara/>. It's easy and it's free.

Coming Events

Contest / Hamfest / Event	Location / Website	Date	Time
SARA General Meeting	Niskayuna High School	June 7	7:00 PM
SARA Board Meeting	LT's in Niskayuna	June 16	7:00 PM

SARA Shirts

Show off your SARA membership by wearing one of our new gold-colored golf shirts! The SARA emblem is on the right chest: just like our patch, but with black and gold interchanged. On the left breast, above the pocket, would be either 1) callsign in block letters or 2) callsign in block letters with name in smaller cursive script below the callsign. The cost is \$18/shirt (slightly more for 2XL and 3XL).



Response to the article in last month's SARA News has been good and a number of shirts have already been ordered and delivered (see picture). If you would like to get a shirt, submit your order and payment as soon as possible (before the next SARA meeting if you can) and Bob will place an order as late as he can while still getting reasonable assurance that we can receive them a few days before Field Day.

Contact Bob Raffaele, W2XM, by telephone at 459-8435 and be sure to provide your telephone number in case he needs to call back.

SARA NEWS



Simon Says (aka Field Day 2010)

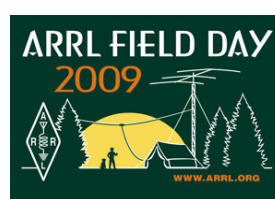
By Tim Long, W2UI

Frank Simon, WB2PUH, is SARA's Field Day Chairman for this year. Field Day this year will show off several notable improvements. A brand new generator will be making our juice. It only has about 2 hours of run-time on it now but that will quickly change as we put it to the test over the weekend of June 25-27. It will make 8500 watts continuously (we won't come close to that) and is powered by a reliable twin cylinder Honda engine. It can even be moved about without being towed! The logging computers have just finished a major upgrade by having a new operating system installed and CT for Windows. Reliable computer networking via Ethernet is the key advantage. We received permission from the Glenville Hills Firehouse to use their field and the porta-potti is scheduled for delivery. We are still looking for a cook and we are still looking for the loan of several HF rigs and power supplies. If you can help, be sure to let Frank know ASAP.

Set-up begins on Friday, June 25th, at 2:00 PM and will continue until dark. Setup resumes on Saturday AM and hopefully we will have everything done by air-time at 2:00 PM on Saturday, June 26th. On-the-air operations continue until 2:00 PM on Sunday, June 27th, at which time we pack everything away. Phone and CW operators are always needed and there will be several seats that await your arrival. We go all night long – for 24 hours straight. You do not need to be a whiz-bang contester. There will be plenty of help and you can become adjusted at your own pace. There will be a Get-On-The-Air (GOTA) station for the new licensee, the ham who hasn't been active for a while, and for your non-licensed neighbor's kids. Bring the whole neighborhood. Field Day is amateur radio and SARA's premier event. Do you think it's important to make a good showing? It will be fun. Always is.

So.... Simon says take out your calendar. Simon says mark June 25th through June 27th as BUSY. Simon says take one giant step toward ARRL Field Day 2010. Simon says pray for dry weather!

Prizes? Oooops. I almost forgot. EVERY attendee to the FD site will receive absolutely free a valuable gift just for showing up.





Interoperable Communications Drill 2010

On May 25, 2010, the New York State Department of Health, Office of Health Emergency Preparedness (NYSDOH - OHEP) and New York State Emergency Management Office (NYSEMO) conducted an OHEP Regional Interoperable Communications drill in the Capital District and surrounding counties. This was one of a series of eight drills designed by the NYSDOH – OHEP, Regional Resource Centers (RRCs), local hospitals, hospital associations, and local offices of emergency management across New York State.

This drill followed and was built upon the Interoperable Communications drill conducted in July 2009. The drill objectives included testing hospital response to a NYSDOH Commerce Integrated health Alert Notification System (IHANS) alert and hospital demonstration of the ability to send and receive sustained two way voice and/or data communications with their local Emergency Operations Center (EOC) and hospital partners. As specified in the drill plan each hospital and emergency management office was required to pass messages back and forth. Communications could be accomplished using various means of communications. Use of land lines was not allowed. The drill organizers requested and received an FCC waiver for Section 97.113 for this drill.

In the Capital Region participants included approximately twenty hospitals, ten County Emergency Management Offices, NYSDOH, and the Hospital Association of New York State (HANYSS). Two RACES Nets were established, one in the Capital District and one that included Schoharie, Otsego, and Delaware Counties. The drill involved use of eleven repeaters for the Capital Region Net and a few more for the second net. A liaison station relayed messages between the two. Mike Mollica, K2SWF, was net control and Jeff Archambeault, KC2SDS, was Dill Liaison.

Locally, Tim Long, W2UI, was at Ellis Hospital and Raleigh Keeter, K2RI, was at the Schenectady County EOC. Larry Eaton, NT2B, was at Albany Medical Center. Many other amateurs were involved at the various hospitals and County Emergency Operations Centers throughout the region.

Scott Heller, KC2WQA, and Shannon McDermott represented Albany Medical Center and the Regional Resource Center. Kris Willis and Carol Killian of the NYSDOH observed. Ward Neal, KC2QKA, was operating from the NYSDOH Central Office.

Schenectady County Emergency Net

SARA members act as Net Control Stations for the Schenectady County Emergency Net (SCEN) on Sunday afternoons. The nets are open to all amateurs; ARES RACES membership is not required to participate. The purpose of the nets is to train, pass any traffic that you might have and any announcements of general interest.

Section	Frequency	Time (Local)	Net Control
440	444.200 Repeater	1:00 PM	Raleigh K2RI
2-Meter	147.060 Repeater	1:30 PM	Raleigh K2RI
HF	3953 KHz	2:00 PM	Larry NT2B

SARA NEWS

Dayton Hamvention 2010

By Hal Post, AK2E

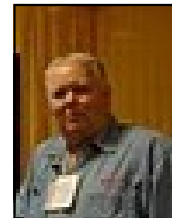
My wife Antje and I attended the Dayton Hamfest May 14th and 15th. We left Thursday morning and returned Sunday morning. It was only 689 miles one way, with a stop in Sodus Center, NY.



Left to Right: Paul N3WRC, Pat, Silvia, Walt W1LW, Antje KC2DTP, Hal AK2E

We stayed at a hotel just a few minutes away from the Hamvention site. We had booked the hotel rooms in January. We met several of our morning HF net friends (Nutfactory/Moonrunners 3865 KC, 4:00 AM till 5:30 AM) that were also staying there.

We had a great time meeting up with friends and looking at the new and



Jerry WA2TTI

old equipment. The first person we met there was former SARA member Jerry Harley WA2TTI (OX3GH). Jerry sends his regards to his former friends of SARA. The weather was great with the temperature in the low 70's, low humidity, light breeze, and no rain!

The outdoor flea market was nearly full this year. If you have never been to Dayton you cannot imagine the size of the flea market. There are spaces for over 4200. The indoor areas were also packed full. We saw Sid K2LJH hard at work selling antennas etc at his KJI booth.



Left to Right: David K1ZZ and Hal AK2E

Antje, now KC2DTP, successfully upgraded to General! Soon another HF station will be on the air!

Friday's evening meal was at Smokey Bones. I was tied this year, and still hold the Title of "Rib King"! (No I did not lose any weight).

If you go to Dayton bring comfortable shoes, a cap or hat, money and remember to get your motel reservations in early. There are lots of good places to eat and if you have some extra time be sure and visit the Air museum at Wright Patterson AFB.

For more information in the Dayton Hamvention see <http://www.hamvention.org/>.



SARA's Board of Directors 2009-2010

President: Dan Fiorillo, KC2MER, fiorillo.dan@verizon.net, 356-3595

VicePres: Jim Stewart, K2PK, K2PK@arrl.net, 399-1867

Secretary: Hal Post, AK2E, AK2E@arrl.net, 306-6817

Treasurer: Tim Long, W2UI, tlong8@earthlink.net, 399-7454

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Bill Mischler, KG2AC, KG2AC@juno.com, 370-1350

Bob Saltzman, WB2ARK, saltzman@nycap.rr.com, 370-2222

Frank Simon, WB2PUH, simonf072@strose.edu, 477-5255

Sid Wolin, K2LJH, K2LJH@arrl.net, 312-1122

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Antenna Party: Tim Long, W2UI, tlong8@earthlink.net, 399-7454

Elmer: Tim Long, W2UI, tlong8@earthlink.net, 399-7454

K2AE Trustee: Hal Post, AK2E, AK2E@arrl.net, 306-6817

Repeater: Scott Krone, N2YCA, N2YCA@nycap.rr.com, 273-1610

RFI/TVI: Rudy Dehn, W2JVF, W2JVF@juno.com, 372-6139

Public Service: Ken Clikeman, AA2CW, AA2CW2010@yahoo.com, 861-6825

VE Team: Bill Mischler, KG2AC, KG2AC@juno.com, 370-1350

FCC Exam Registration: 370-1350



Schenectady Amateur Radio Association, Inc.

MEMBERSHIP APPLICATION/RENEWAL FORM

Regular Dues	\$20.00	\$ _____
Spouse	\$5.00	\$ _____
Student	\$5.00	\$ _____
Repeater Donation		\$ _____
Initiation Fee	\$5.00 (New Members)	\$ _____

Name _____ Call _____

E-mail _____

Street _____

City _____ State ____ Zip _____

Phone _____

ARRL _____ RACES _____ ARES _____ MARS _____

Send to SARA, PO Box 449, Schenectady, NY 12301
July, 2010 through June, 2011