

SARA NEWS

**SCHENECTADY AMATEUR
RADIO ASSOCIATION, INC.**

**"SERVICE THROUGH
AMATEUR RADIO"**

FOUNDED 1930

K2AE REPEATERS

<http://www.k2ae.org/>

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January, 2012

General Meeting, January 9th, 2012 at 7 PM, Niskayuna High School Little Theatre

Fox Hunting

with Eric Fiveland, KC2IRO

Eric Fiveland KC2IRO (who gave a talk to SARA February 2008 on small antennas) will present a program on fox hunting together with a short DVD on the 2006 fox hunting championships. Eric has been a ham since 2001 when he was a student at RPI.

The SARA meeting will be held Monday, January 9th, 2012 at 7 PM in the Little Theatre of the Niskayuna High School on Balltown Road. Attendees should enter the school through the cafeteria entrance located on the side of the school, adjacent to the Nott Street Extension school parking lot.

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 Michler, 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. Non-members who successfully complete the exam will be given SARA membership for the physical year (July – June) Contact Bill at kg2ac@juno.com or 982-0144.

Walt Schick, W2KE, SK

by Raleigh K2RI

The community and amateur radio suffered a great loss with the passing of Walt Schick, W2KE, on September 27. Walt was 101 years old at the time of his passing. He was born in Ohio and came to Schenectady in 1926. Dr. Schick, as he was known by many, was a dentist and practiced his profession on upper Union Street for 33 years.

Walt participated in amateur radio with great enthusiasm like he did most things in his life. He studied theory and the hardware so that he became very proficient in all aspects of radio. He gladly shared his knowledge with others, helping them repair equipment and solve the problems with their stations. His was one of the few stations in the area to have a quad antenna which he used, along with the other fine equipment in his station, to become a member of the DXCC honor roll.

Walt worked closely with the American Red Cross to set up a station to operate on two meters and help them with emergency communications when the Red Cross had offices in Schenectady. Walt was a fine gentleman and will be missed by all who knew him.

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Board Meeting

SARA Board Meeting, October 12th 2011

Attendees:

President, Hal Post, AK2E
 Vice President James Stewart, K2PK
 Treasurer, Tim Long, W2UI
 Secretary, Dan Fiorillo, KC2MER
 Board - Craig Wood, W2XAD

Called to order at 7:10 PM by President Post

Secretary's Report: given by Dan Fiorillo accepted as published

Treasurer's Report: Given by Tim Long, accepted

New Members: Howard Selwitz (KD2ABK) was accepted as a new member

Repeater: 147.06 repeater was repaired, a week or so after its failure. Work continues on the new repeater, parts being ordered. 220 and 6 meter repeater changes are on hold

Programs: Jim Stewart continues to arrange and schedule program presenters for the coming months. January's program will be on Direction Finding and Hunting, and presented by Eric Fiveland (KC2IRO).

Old Business:

The old generator will be taken and sold as scrap, awaiting to get scheduled for delivery to scrap dealer.

Field Day Location: A presentation was made to the Niskayuna Education and Sports Committee on using one of their fields for the annual field day event. The Aqueduct Road. site will not be available due to other scheduled events.

Holiday Dinner, The Holiday dinner at the United Buffet was a success, thank you for attending and socializing with other members.

New Business:

The 2012/ 2013 Nomination Committee will be composed of Jim Stewart and Craig Wood.

Club Members are asked to volunteer for a Board position.

Meeting was adjourned at 8:15PM

Submitted by Secretary Dan Fiorillo, KC2MER

Board meetings are open to any SARA member. Board meetings are held the 2nd Wed. of each month at LT's.

Good News

via K2HAT, Lee

Lee, I am now back home, just finished my rehab. Please pass on to all the groups. 73 W2BEJ Tony

Good News, send Get well and Christmas cards to Tony. :)

ANTHONY J PAZZOLA
 56 WERTMAN LN
 LOUDONVILLE, NY 12211-2129

Hidetsugu Yagi

DEC 2011, IEEE "The INSTITUTE" via Rudy W2JVF

January 28, 1886 Birth date of Hidetsugu Yagi, whose Eponymous directional Shortwave antenna is now an IEEE Milestone.



Hidetsugu Yagi (八木 秀次 Yagi Hidetsugu, January 28, 1886 - January 19, 1976, born in Osaka City) was a Japanese electrical engineer. When working at Tohoku University, he wrote several important articles that introduced a new antenna design by his colleague Shintaro Uda to the English-speaking world.



Hudson Division Beacon

<http://www.hudson.arrl.org/beacon/2011/201112hudsonbeacon.pdf>

In this Newsletter edition you will find:

- * Information on the NLI Section Convention – Ham Radio University
- * Club Holiday Party Photos
- * News from Section Managers (NLI, ENY & NNJ)
- * NTSB Report on Distracted Driving
- * Information on Hudson Division Digital Survey
- * Hudson Division Speakers & Presentations list now on Website
- * Vice Director Hudzik's visit to Jersey City Sea Cadets AND MORE!

The Hudson Division Website is at:

<http://www.hudson.arrl.org>

Enjoy!

The Hudson Division Team wishes you all
A Very Happy Holiday Season! 73

Joyce KA2ANF - ARRL Director, Hudson Division
Bill W2UDT - ARRL Vice Director, Hudson Division

Lowering of the Flood Stage at Schenectady

BRITT WESTERGARD, SENIOR SERVICE HYDROLOGIST, NOAA

Upon coordination with local, state, and federal officials in the Schenectady area, the NWS in Albany is lowering the flood stage for river forecasts at Schenectady on the Mohawk River. In January of 2011 the United States Geological Survey installed an automated river gage at Freemans Bridge Road, with the availability of real time river readings. This new gage became the location used for river forecasts at Schenectady. this replaces the old staff gage locations which were referenced to the Western Gate-

way Bridge. The flood stage for this new location is 220 feet.

To correspond with the new flood stage...flood categories will be lowered as follows:

Action stage will be lowered from 218 feet to 216 feet. Flood stage will be lowered from 223 feet to 220 feet. Moderate flood stage will be lowered from 225 feet to 222 feet. Major flood stage will be lowered from 227 feet to 224 feet

The change in action stage means that the NWS will now provide river forecasts and statements and warnings as necessary when the river is at or above or is forecast to be at or above 216 feet.

Again river forecasts as well as flood warnings and statements for Schenectady are now for the Freemans Bridge Road gage. This change will be effective Wednesday January 11, 2012.

The National Weather Service welcomes public feedback. If you have any questions or comments on this change...please contact: Britt Westergard, Senior Service Hydrologist (518)435-9571 x234 e-mail: britt.westergard@noaa.gov

News from the Treasurer

Tim Long, W2UI

You may have received my email reminder regarding your dues status. If you are not sure whether your dues are current, email me and I'll look it up. We will really hate to lose you, but the board is going to direct me to change the mailing filter to "2012 members only" any month now. When that happens, you will be dropped. Please don't let that happen and renew today. Dues are just \$20. Use the form on the last page to send in your dues.

How to Become Radio-Active

By Tim Long, W2UI

I am not talking about you glowing in the dark. I am talking about a few simple and easy steps you can take that will get you closer to being on the air and active.

1. Charge your batteries. Make sure they retain the charge. Make sure they still deliver close to their rated ampere-hours. They are of no value to you if they are unreliable or if their condition is unknown.

2. Turn on your receiver/transmitter/transceiver. Does it work? It probably does, but wait, darn it. It worked the last time I turned it on. Electrolytic capacitors do not age well and their values change when they're not used. Dust in the volume control causes annoying scratchies and crackle. Oxidation of contacts may cause the switch or relay to be intermittent. A drop or two of de-oxit applied with a Q-tip or toothpick will fix that problem.

3. Check your antennas. Will the support ropes last through the winter? Are the connections sealed from the weather? Are the guys in good shape? Check the SWR? Has it changed since the last time you checked?

4. Check your feedline. Has UV light or ozone destroyed the insulation? How old is it? Coaxial cable does not age well either and constant/periodic use does not help it live longer. It may look okay on the outside but the center insulation can be yellowed and very lossy. You may not be getting the power out the other end that you think you are. Lossy coaxial cable will also hide a bad SWR.

5. Make a contact. Verify that the whole thing works together as a system, including auxiliary power supplies, microphones, keys, keyers, antenna switches, power cables, plugs, jumpers, fuses, SWR meters, power meters, etc.

Now you either know what needs fixing or have a

tremendous feeling of relief. Once the problems are fixed, in either case you will have a great satisfaction knowing that you could make an emergency contact if you had to. You know that you are prepared. Make another contact. Make another one. Don't stop. I've observed that hams will brood and stew and not accomplish anything because they are not able to make something perfect. Make it as good as practical and it will work just fine.

Roy E. Anderson, SK

Albany Times Union

Roy E. Anderson, 93, passed away peacefully in his home in Glenville on December 7, 2011, surrounded by his loving family. Born in Batavia, Ill., he graduated from Augustana College in 1943 and was a physics instructor there until entering the Navy in 1944. While in the Navy, he received radar training at Bowdoin College and the Massachusetts Institute of Technology and served as electronics officer on the USS Shelikof.

Mr. Anderson had returned to teaching at his alma mater when he was encouraged by a visiting lecturer to apply for a job at General Electric. In his early career at GE, he focused on electronic measurement and quality control instruments.

In 1957, he and a few colleagues used one of his inventions, a Doppler Direction Finder, to track the Russian satellite Sputnik from a camping tent in a farmers field. This exploit marked the company's entry into space-related activities, and set the direction for the rest of Mr. Anderson's career. Between then and his retirement in 1983, he originated concepts for navigation and location-finding using Earth satellites, some of which were precursors for today's global positioning systems.

At the time of his retirement, he was principal investigator at the GE Earth Station Laboratory in Schenectady. Mr.



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Anderson co-founded Mobile Satellite Corporation in Malvern, Pa. This company filed the first application with the Federal Aviation Administration for a license to create a commercial system for satellite-based mobile communications. In 1988 Mobilsat joined with 12 other companies to form the American Mobile Satellite Corporation, to which Mr. Anderson served as a consultant until 1991.

Mr. Anderson contributed more than 125 papers to professional journals and held 22 patents. He received a Ralph J. Cordiner Award and a Coolidge Fellowship from GE. He was a fellow of the Institute of Electrical and Electronics Engineers; the Institute of Navigation; the American Association for the Advancement of Science; and the Radio Club of America. He served a term as board president and was a trustee emeritus of Dudley Observatory. He served on several national committees concerned with navigation and communication. Still vigorous and engaged in his 92nd year, he recently published an analysis of fossil fuel supplies, current usage, and the implications, entitled "When Oil and Gas Are Depleted," (energybulletin.net/stories/2011-8-01/whenoilandgasaredepleted).

Mr. Anderson's boyhood passion for ham radio grew into his lifelong involvement in communications. He loved working with wood, and made furniture pieces for all of his children's and grandchildren's homes, as well as abstract sculptures. He was an enthusiastic photographic documentarian of his global travels with his wife, Gladys, and of his children.

He is survived by his beloved wife Gladys (nee Nelson); his children, Paul (wife Margie), David (wife Marguerite), Barbara Wald (husband Robert), and Dorothy Presser (husband Alan); grandchildren, Christopher, Rachel Mahrt, Sarah and Kristina Wald, Steven and Adam Presser, and great-grandchildren, Soren and Sigrid. He donated his remains to the Anatomical Program of Albany Medical College. His ashes will be placed in the Gerald B. H. Solomon Saratoga National Cemetery in Schuylerville. A celebra-

tion of remembrances will be announced at a later date. Memorial contributions may be made to a . To leave a message for the family online visit www.glenvillefuneral-home.com

Published in Albany Times Union from December 11 to December 12, 2011

<http://www.legacy.com/obituaries/tim...&pid=154968514>

Walter "Doc" Nellis, WB2JAB, SK

Via Virginia Reed, NR2V of Potsdam

I am sorry to inform you that Walter "Doc" Nellis WB2JAB has passed away on Christmas day. He was in the hospital when he passed.

Doc has been a long-time fixture to the north country and will be missed by many....

From the President

By H Post AK2E

A look at FCC Part 97.113 and Drucker's Understanding of What isn't There.

§ 97.113 Prohibited transmissions. (a) No amateur station shall transmit: (3) Communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer, with the following exceptions: (ii) An amateur operator may notify other amateur operators of the availability for sale or trade of apparatus normally used in an amateur station, provided that such activity is not conducted on a regular basis.

Definition of Pecuniary, adjective <http://dictionary.reference.com/browse/pecuniary>

1. of or pertaining to money: pecuniary difficulties. 2. consisting of or given or exacted in money or monetary payments: pecuniary tributes.

What is being said regarding Pecuniary Interest. **No one can conduct business for themselves, for others, or on behalf of**

others.

I.E. If you are talking on the air with your friends about a radio malfunction and you happen to know where it can be fixed, rather than telling them on the air, have them call you a phone call. I.E. " I know where you can get that fixed –give me a phone call"

Some people believe that giving information over the air is perfectly legal. I personally don't see it that way. Money is going to be exchanged for services rendered or implied. It would seem to be easier to just ask them to call you on the phone.

What isn't being said! Apparatus for sale: This section does not say that you can conduct the sale over the air. You can mention what equipment you have for sale and even mention what price you are asking for it. The next words from someone interested should be, "I will give you a phone call" The Pecuniary Interest rule is still in effect. Also, keep in mind, just because your car has a radio in it, you can't sell your car via Amateur Radio.

Peter Ferdinand Drucker (November 19, 1909 – November 11, 2005) was an influential writer, management consultant, and self-described "social ecologist." Drucker ... [en.wikipedia.org/wiki/Peter Drucker](http://en.wikipedia.org/wiki/Peter_Drucker)

Winterfest 2012

via K2HAT, Lee

Amateur Radio club members, unaffiliated amateurs, and the Capital District Traffic Net (CDTN) will be promoting amateur radio in a demonstration at Winterfest 2012 at Indian Meadows Park in the Town of Glenville. Winterfest is scheduled for February 4, 2012 from 11:00 a.m. to 3:00 p.m.

We'll be using the Schenectady County Emergency Command Vehicle, also known as the C100, assuming no emergencies. This provides a comfortable, heated operating location that's highly visible and a good place for demonstrations.

Operations will be on both 2- and 20-Meters, and possibly on 10- and 40-meters. On 2-Meters, we'll be using the WA2AFD 147.300 repeater with

the SARA 147.060 repeater as backup. On 20-Meters, we're planning on being at 14.270 or thereabouts. During the event we'll attempt to contact other winter-themed events that have an amateur presence.

The primary goal of amateur participation in this event is to provide an opportunity for event attendees to learn about amateur radio, see it in operation, get on the air and participate in making contacts. Attendees will also be encouraged to send Radiograms from the event. In past years, experienced amateurs have introduced non-amateur attendees as well as Elmering amateurs looking to get some DX experience.

All amateurs are welcome to participate either at the event or from another location, be it from home, mobile, or someplace else. At Indian Meadows, we're looking for operators who would be willing to work some DX and talk about it with visitors. We also need a traffic handler or two to send and receive Radiograms and we could also use someone for the talk-in on 2-Meters. If you would like to drop by for a visit, please feel free to do so. Stay as long as you'd like. It makes for a nice mid-winter get together. Set up and tear down is quick and easy and we've got it covered. We throw a line over a tree, hang a 20-Meter dipole, and run the feedline through a window. So there's little to do but show up and have fun.

In past years we've had plenty of operators to cover the event (more are always welcome). If you can't make it to Indian Meadows but would still like to participate, give us a call on the of the frequencies shown above. You can also send traffic to and from the event.

There is a "no snow-no go" policy for this event. If conditions aren't suitable the event will be cancelled. If that happens, we'll announce it on the 147.060 repeater and send an email notice. If you would like to have your name on the email list to receive event announcements, please contact [NT2B @ ARRL.Net](mailto:NT2B@ARRL.Net)

If you're interested, you can contact Jim, K2PK, Tim, W2UI, or Larry, NT2B, and let them know. They'll get you involved. Or just drop by.

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Holiday Dinner Party, a huge success!

Enjoy the pictures.

The Holiday dinner at the United Buffet was a success, thank you for attending and socializing with other members.



Board Of Directors

Pres: Hal Post AK2E ak2e@arrl.net 306-6817
 VP: James Stewart K2PK k2pk@arrl.net 399-1867
 Sec: Dan Fiorillo KC2MER fiorillo.dan@verizon.net 356-3595
 Treas: Tim Long, W2UI, tlong8@nycap.rr.com 399-7454

Directors

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

SARA News: Antje Dirksen-Post N2OMA,
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 Elmer: Tim Long, W2UI, tlong8@nycap.rr.com, 399-7454
 Antenna Party: Tim Long, tlong8@nycap.rr.com, 399-7454
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 Rprtr: Scott Krone N2YCA n2yca@nycap.rr.com 273-1610
 RFI/TVI: Rudy Dehn W2JVF w2jvf@juno.com 372-6139
 Public Service Events: Ken Clikeman AA2CW
AA2CW2010@yahoo.com 861-6825
 VE Team: Bill Mischler KG2AC kg2ac@juno.com 982-0144

FCC Exam Registration (518) 982-0144



S A R A
 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*	\$ _____

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, 2012

SARA/K2AE Repeaters

Status	ON AIR	ON AIR	OFF 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

Schenectady County Emergency Net

Band	Repeater	Time	NCS
70cm	444.200Mhz+	1:00 PM	Raleigh K2RI
2m	147.060Mhz+	1:30 PM	Raleigh K2RI
75m	3953KHz	2:00 PM	TBA

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.