



www.k2ae.org

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November 2007

SARA General Meeting, Monday November 5th, 2007 at 7:00PM at
in "the Little Theater" Room D-104 at Niskayuna High School

THE HAM RADIO BUSINESS

Azden: The Inside Story of a Supplier to the Ham Radio Market

We are fortunate at the November SARA meeting to have a presentation by one of our members with a very special insight into the business side of amateur radio and equipment manufacturing. Sid Wolin K2LJH has been a ham for 55 years. He is an electronics engineer specializing in rf and microwave design, having worked mostly on surveillance, electronics warfare, receiving and transmitting equipment. On the military/commercial side he worked for 24 years for a 300 employee company, becoming executive vice president. A few years after retiring from that job he formed Azden Corporation based on his 40 years experience (at that time) as a radio amateur. He owned Azden and contracted with Japanese firms to manufacture the products for the American ham market. Azden competed in the high end of the market against the likes of ICOM, Kenwood, Yaesu and others. As time went by and he couldn't find a buyer for the company so he eventually shut it down and became a consultant in the ham radio market for other manufacturers until he retired again. So join us Monday at 7PM on November 5th as Sid K2LJH will give us a grand tour of the business side of the hobby that we all have known so well yet may be so mysterious in how it works to bring us the radios we all enjoy.

About The SARA Meeting Location

The meeting location within Niskayuna High School has changed to the "Little Theater" Room D-104 which is on a cross hallway between the two wings in the rear of the school. This is about 150 feet down the hall and to the right of the old meeting location in "new cafeteria". Also due to construction at the school there have been big changes in parking and the traffic patten for access to the rear parking lot. Access to the school's rear parking lot must be gained by entering from Nott Street which crosses Balltown just south of the school at the light. Go past shopping mall where Friendly's is a few hundred yards and the High School entrance will be marked on the left and it will bring you to the side/rear school parking lot. As always SARA meetings are only held when Niskayuna High School has classes, so if there is a school closing due to inclement weather check the K2AE repeater 147.06 or call one of the club officers on the phone or radio. Also remember there is no smoking on school premises.

Has Your SARA Membership Lapsed?

The SARA membership year is based on our meeting season which runs from September through June of each year. SARA membership according to our bylaws ends at the end of June of each year. SARA dues support the meetings and activities of SARA throughout the year as well as SARA News. If you haven't renewed for the current September 2007 through June 2008, the SARA Board reminds you that time is running out and your membership is now past due. Send in your dues to the SARA via mail or bring them to the November meeting.

TREES ARE OUR FRIENDS (And sometimes even support our antennas!)

LETS RETURN THE FAVOR AND SAVE SOME OF THEM!!!!

So... Please , consider taking your SARA News via Email!

P.S. You also get "SARA News Extra" for free.....its over 40 pages this month!!!!

NATIONAL NEWS: Riley Hollingsworth has put off retirement from the FCC – See SARA News Extra

SARA HOLIDAY DINNER - MARK YOUR CALENDER! - The December SARA Holiday meeting this year will be a bit different than some recent years and we will be gathering for a real full course dinner. We will be at the “Old Country Buffet” on the corner of the RT-7 Crosstown Arterial and Watt Street. It is “dutch treat” so you pay for your own “all you can eat” buffet style dinner at the regular front register (about \$12) and join us in the “meeting room” area which we have reserved for SARA. If you are unfamiliar with “Old Country Buffet” they have a wide range of many dozens of all types of salads, soups, vegetables, dinner entrees and desert items. Everyone will find something they like and of course it is “all you can eat”! But just as important as the food is the chance to dine with your friends and talk about ham radio while we have a great time. We will gather beginning about 6:30 pm until closing sometime after 8:30 pm so bring your appetite on Monday December 3rd.

SARA Has Changed its Mailing Address

Effective now the new SARA mailing address for all correspondence including membership renewals is:

**Schenectady Amateur Radio Association Inc.
P.O. Box 449
Schenectady, NY 12301**

What is in this months SARA News Extra?

In this month’s SARA News Extra you will find technical information on emergency power sources, generators and safety on the world wide web and a table comparing the various ‘in band” lengths of various HF wire antennas for small changes in frequency including quarter waves, half wave dipoles and full wave horizontal loop antennas. In addition there is ARRL Bulletins, the ARES E-letter, the ARRL Letter. Overall there is over 40 pages of additional ham news and technical resource information. SARA News Extra is sent as a supplement and special thank-you only to those who receive their SARA News via email. This is a “thank you” for the extra support that taking your SARA news via email gives the club by saving the cost of printing and postage. And last but not least...it saves trees and helps the environment! If you would like to sign up for the electronic delivery of SARA News let our treasurer George Williams W2CNS williamg@scoter3.union.edu and the keeper of the SARA email database Tim Long W2UI tlong8@earthlink.net know when you want to change over or at the time send in your renewal, or let us know at the meeting and you can start getting the SARA News and SARA News Extra.



HOW MANY HAMS IN THE USA?

As of October 30, 2007

Technician.....308,500
Technician Plus...32,908
Novice.....27,335
General.....154,920
Advanced.....74,000
Extra.....115,065
Club.....10,542

Total US.....723,270

For latest data go to:

<http://www.hamdata.com/fccinfo.html>



UPCOMING EVENTS

Dates	Contest / Hamfest / Event	Location / Website
3-5 Nov 2007	ARRL November Sweepstakes (CW)	
4 Nov 2007	Radio Central ARC, W2RC. 86 th Anniv. RCA Central Trans. Site. Special Event -14.270 14.050 7.270 7.050.	QSL. RCARC, PO Box 396, Centereach, NY 11720.
5 Nov 2007	SARA Meeting - Ham Radio Business – Azden Story w/ Sid Wolin K2LJH	Little Theater – Room D104 Niskayuna High School
13 Apr 2008	Mt. Beacon ARC Hamfest http://www.wr2abb.org	LaGrangeville, NY Tymore Park
11 Nov 2007	Strategic Air Command Memorial ARC, K0AIR. Veterans Day Salute to Veterans. 14.254 7.178 3.8.	QSL. Frank Taylor, 1413 St Joachin Ct, Bellevue, NE 68005.
11 Nov 2007	USS Essex CVS-9 Aircraft Carrier, WA2SEI. Honoring all veterans & WWII ships. 14.250 50.145.	QSL. Ray Czyzewski Jr, 224 Louise Ave, Interlachen, FL 32148. wa2sei@yahoo.com
15 Nov 2007	ARRL Frequency Measurement Test	See ARRL website or SARA News Extra for further details
17-19 Nov 2007	ARRL November Sweepstakes (Phone)	
24-25 Nov 2007	ARRL Intl. Earth Moon Earth Competition	
3 Dec 2007	SARA Holiday Buffet Dinner Meeting (~\$12 pay at door)	Old Country Buffet 6:30 – 8:30 pm Watt St & Rt.7 Crosstown
30 Nov - 2 Dec	ARRL 160 Meter Contest	
8-9 Dec 2007	ARRL 10 Meter Contest	
1 Jan 2008	ARRL Straight Key Night	
5-6 Jan 2008	ARRL RTTY Roundup	
19-20 Jan 2008	ARRL January VHF Sweepstakes	

Be sure to check out the ARRL Hamfest calendar for more detailed information on these and other upcoming hamfests. Go to <http://www.arrl.org/hamfests.html>

Edison Exploratorium

For those of you who are interested or have been a part of the technology heritage of the Schenectady area, you may want to check out the Edison Exploratorium. They have an amazing collection of historic electronic, radio, television and electrical equipment built and designed in the Schenectady area over the last 100+ years. by technical people many of whom may have been members of SARA in years gone by. Their can be found by calling them at (518) 372-8425. They are located at 136 Broadway, Schenectady NY 12305. You can also visit their website at <http://www.edisonexploratorium.org/>

Monitoring NOAA Weather Radio Stations - by Dan Whelan - N2UD

Many of the newer “Weather Radios” have programmable alerting which use codes for each of the counties affected by an alert. This is sent with an “event code” for the type of alert. These messages are usually with a code for the Warning (imminent threats) or Watch (possible threats) that signifies the type of event such as a tornado, flash flood, child abduction, blizzard, severe storm, etc. Receivers can be programmed to be selective for geographic area as well as the type of warnings or watches you want the radio to activate for. The radio’s manual gives programming instructions and a list of codes.

Below is a listing of the geographic areas (county code # sometimes called a “FIPS code”) for the northeastern part of New York State. Also listed are the specific NOAA Weather radio transmitters which cover that county. Usually the first station is the one which should be tried first. Note in Schenectady and Albany Counties we should monitor the 162.550 MHz signal which comes from a transmitter in the Helderbergs. Also note that Schoharie County is covered by FOUR different NOAA weather radio transmitters because of its difficult mountain terrain, all of which should provide warning info for that county area. Remember, if you hear “out of area” weather stations they may not carry all of the critical warnings for your county.

NOAA - National Weather Service “Weather Radio” Coverage					
Local County Areas (Northeastern New York State)					
COUNTY	SAME ID #	TRANSMITTER	FREQUENCY	CALL SIGN	WATTS
Albany	036001	Albany	162.550	WXL34	1000
Clinton	036019	Burlington, VT	162.400	KIG60	1000
Columbia	036021	Albany	162.550	WXL34	1000
Columbia	036021	Highland	162.475	WXL37	1000
Essex	036031	Burlington, VT	162.400	KIG60	1000
Essex	036031	Gore Mtn.	162.450	KSC43	300
Fulton	036035	Albany	162.550	WXL34	1000
Fulton	036035	Gore Mtn.	162.450	KSC43	300
Fulton	036035	Middleville	162.425	WXM45	300
Greene	036039	Albany	162.550	WXL34	1000
Greene	036039	Highland	162.475	WXL37	1000
Greene	036039	Stamford	162.400	WWF43	300
Hamilton	036041	Gore Mtn.	162.450	KSC43	300
Hamilton	036041	Middleville	162.425	WXM45	300
Herkimer	036043	Cooperstown	162.450	WWH35	100
Herkimer	036043	Middleville	162.425	WXM45	300
Montgomery	036057	Albany	162.550	WXL34	1000
Montgomery	036057	Cooperstown	162.450	WWH35	100
Montgomery	036057	Middleville	162.425	WXM45	300
Rensselaer	036083	Albany	162.550	WXL34	1000
Rensselaer	036083	Egremont, MA	162.450	WXM82	300
Rensselaer	036083	Mt. Greylock, MA	162.525	WWF48	100
Saratoga	036091	Albany	162.550	WXL34	1000
Saratoga	036091	Gore Mtn.	162.450	KSC43	300
Schenectady	036093	Albany	162.550	WXL34	1000
Schoharie	036095	Albany	162.550	WXL34	1000
Schoharie	036095	Cooperstown	162.450	WWH35	100
Schoharie	036095	Middleville	162.425	WXM45	300
Schoharie	036095	Stamford	162.400	WWF43	300
Warren	036113	Burlington, VT	162.400	KIG60	1000
Warren	036113	Gore Mtn.	162.450	KSC43	300
Washington	036115	Burlington, VT	162.400	KIG60	1000
Washington	036115	Gore Mtn.	162.450	KSC43	300
Washington	036115	Windsor, VT	162.475	WXM44	400

1. Not all NOAA NWS Stations listed for a county may be heard in all parts of that county
2. The first station listed for county is the primary one and should be monitored.
3. Source of transmitter coverage information NOAA National Weather Service website.

SARA Board Meeting

Held at Schenectady Emergency Operations Center in Schenectady 6:50 PM - 10 Oct 2007

Board Members Present:

K2PK Jim, W2CSN George, N2UD Dan, WB2PUH Frank, KC2MER Dan and AK2E Hal

Topics:

SARA Christmas Party will be held at the OLD COUNTRY BUFFETT. Watt St Schenectady, NY, 6:30 PM, Dec 3rd, in the Meeting Room. Admittance less than \$12 for anything you wish to consume. No need to bring food. Donations always accepted by our cheerful treasurer.

News Letter

Ideas were discussed on how to get more membership to switch to get the News Letter electronically. The process for mailing is very time consuming and is a drain on the treasury. SARA has not raised its dues for several years. Discussion tabled until December board meeting.

Special Event – waiting for certificates.

Lee Hatfield, K2HAT, was accepted as a member.

Treasure Report – Accepted as read.

W2ODC Memorial Committee - Members will discuss several ideas and report their findings to the SARA Board.

Edison Committee – will be formed. N2UD to head.

Boy Scouts KC2ONC – Any members who might like to give a talk and demo at a Scouting meeting Tuesday in Nov from 7 – 8:30 PM, Hillside Elementary school. Frank WB2PUH will coordinate. Please contact Frank if you would like to help.

Meeting adjourned.

FOR SALE

KENWOOD TS-520 with Manual and power cords. Asking \$250.00. Call 518-356-1191 Ray-KA2DVM

FOR SALE — 350 feet of RG-8U 52 ohm coax cable, lengths from 25 to 100 feet. I suggest 20 cents per foot. Most lengths have a male connector on both ends. Hy-Gain duo bander 10-15 meters \$50. Hygain 3 element 20 meter mono bander that needs a couple of insulators. \$25. A prop pitch motor in a frame ready to mount on your crank-up tower. Please call to make sure that I am home. K2EHS—399-7309. wmeiklej@nycap.rr.com 100 Van Buren rd. Glenville, NY - *Proceeds go to SARA.*

WEBSITES TO CHECKOUT

US Government NIST Time and Frequency Div. <http://tf.nist.gov/>
SAN Bernadino Microwave Society <http://www.ham-radio.com/sbms/>
Electric Power Around the World <http://www.kropla.com/electric2.htm>
Kitchener Waterloo Amateur Radio Club <http://www.kwarc.org/>

REMINDER The SARA Membership year runs from July until June. 2007-2008 dues are now due.

SARA's Board Of Directors 2007-2008

President: Frank Simon WB2PUH simonf072@strose.edu 477-5255
VicePres.: James Stewart K2PK k2pk@arrl.net 399-1867
Sec: Hal Post AK2E ak2e@arrl.net 584-6441
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Directors

Dan Fiorillo KC2MER fiorillo.dan@verizon.net 356-3595
Bill Mischler KG2AC kg2ac@juno.com 370-1350
Bob Saltzman WB2ARK saltzman@nycap.rr.com 370-2222
Dan Whelan N2UD n2ud@arrl.net 895-2754

SARA's Standing Committees

SARA News: Dan Whelan n2ud@arrl.net 895-2754

PIO:

Rptr: Scott Krone N2YCA n2yca@nycap.rr.com 273-1610

RFI: Rudy Dehn W2JVF w2jvf@juno.com 372-6139

Public Service: Ken Clikeman AA2CW

free2aa2cw2000@yahoo.com 861-6825

VE Team: Bill Mischler KG2AC kg2ac@juno.com 370-1350

VE Registration (518) 370-1350



SARA Dues Regular Member \$20 ____ Family Member \$5 ____ Student \$5 ____ Repeater Fund \$ ____

Name _____ Callsign _____

Email _____ SARA News Email ____ or Mail ____

Street _____ Member ARES ____ RACES ____ ARRL ____

City _____ Zip Code _____ Telephone _____

Mail to: **Schenectady Amateur Radio Association Inc.; P.O. Box 449; Schenectady, NY 12301**

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