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October 2008

SARA General Meeting, Monday October 6<sup>th</sup>, 2008 at 7:00PM  
in "the Little Theater" Room D-104 at Niskayuna High School

## CELLULAR TELEPHONE TECHNOLOGY

Our speaker for the October 6<sup>th</sup> SARA Meeting is Mr. Greeley Ford. He is a Network Sales Support Engineer from the East Syracuse office of AT&T mobility (AT&T Wireless). He will be speaking about the cell phone system, how it evolved over the years, how it works now, what features and capabilities we could see in the future, etc. Many of you will remember presentations done back in the 1980s when cellular technology was all analog and brand new....now it is over 20 years later and see how things have really changed!!!!

**NOTE:** There may be a change in the location of the SARA meeting for this months meeting only. It looks like we will be meeting down the hall in Room D207/208 instead of Room D104. You can get there by going past the normal room and then going around a corner and up a couple steps and keep going a short distance to Room 207/208 which is a double classroom we have used in the past. Meeting starts at 7 PM.

### About The SARA Meeting Location

The normal SARA meeting location for 2008-09 is in Niskayuna High School's "Little Theater" Room D-104 which is on a cross hallway between the two wings in the rear of the school. (Note: for the October Meeting we may be using an alternate room of D207/D208) Due to major school construction at the front main entrance of the school there are changes once again this year in parking and the traffic pattern for access to the rear parking lot. Access to the school's rear parking lot can 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 on Nott Street and go into the Niskayuna High School rear entrance which is marked on the left. This entrance leads to the parking lot on the side/rear of the school. Also remember there is no smoking on school premises.

\* Don't Forget your SARA Membership for the 2008-2009 year needs to be renewed **now** so please fill out the coupons on the back page and mail it to the address shown or bring it to the SARA meeting and give it to our Treasurer George Williams W2CSN.

**NEXT SARA MEETING:** November 3<sup>rd</sup> in our normal location Room D104

## NEXT SARA MEETING:

The upcoming meeting in November is going to be about the Digital TV transition that we all have heard so much about. Our speaker will be Rich Klein from WNYT who will present on digital TV.

## SARA Board Meeting

SARA Board meeting 7 Sep 2008

Location: SARA Picnic in Middle Grove, NY

Members present:

President K2PK Jim Stewart

V. President WB2PUH Frank Simon

Secretary AK2E Hal Post

Treasurer W2CSN George Williams

Board Member KC2NXC Bill Proctor

W2ODC committee members K2RI Raleigh Keeter

Meeting called to order at approximately 3:30 PM

1. Treasurer's Report given and accepted
2. Secretary's Report given and accepted
3. Old Business:

Programs: Frank reported that he has several programs lined up for the Fall meetings and working to fill the spring program. The Dec. party will be held at the same location as last year. Jim will secure reservations.

W2ODC Presentation: Frank reported that it is still in progress and hopes to have it completed in a timely manor.

4. New Business:

The Repeater Guidelines (Rev3) were discussed and approved by the board.

Repeater equipment upgrades were discussed and tentative approval granted (after cost estimates are given and approved).

The Board wants to get the 220 repeater back on the air; even if it is at a reduced power level.

Board meetings will be held the Wed. following the Regular Club meeting.

Meeting adjourned

Hal Post AK2E

SARA Secretary

*NEXT SARA BOARD MEETING: OCTOBER 15<sup>th</sup>*

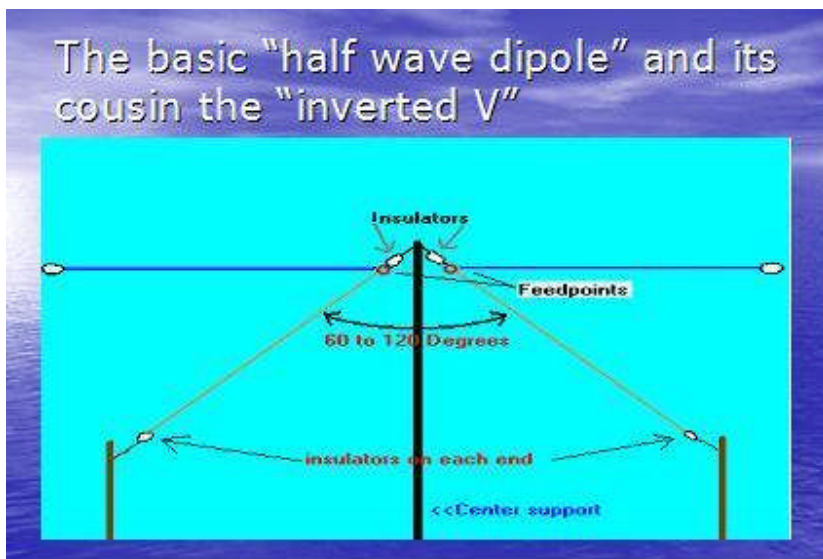
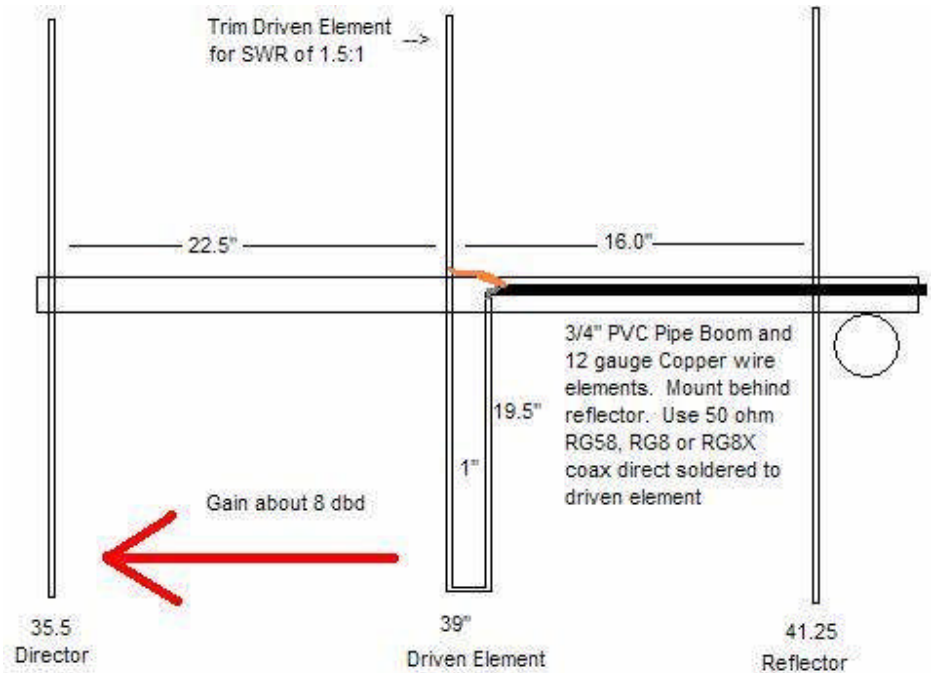
## UPCOMING EVENTS

Dates	Contest / Hamfest / Event	Location / Website
5 Oct 2008	Western NY Section Conv. (Greater Buffalo Hamfest) Lancaster Amateur Radio Club <a href="http://gbhamfest.hamgate.net/index.htm">http://gbhamfest.hamgate.net/index.htm</a>	West Seneca, NY Ismailia Shrine Center <a href="#">1600 Southwestern Blvd.</a> <a href="#">(Route 20)</a>
6 Oct 2008	<b><i>SARA Meeting – 7 PM</i></b>	<b><i>Rm.D-104 Niskayuna High School</i></b>
10-11 Oct 2008	Near-fest (Fall) Hamfest/Swapfest Fri-Sat 9:00 – all day (Tentative date)	Deerfield NH Fairgrounds <a href="http://www.near-fest.com">www.near-fest.com</a>
12 Oct 2008	Connecticut State Convention Nutmeg Hamfest Alliance, Inc. <a href="http://www.nutmeghamfest.com">http://www.nutmeghamfest.com</a>	Wallingford, CT MountainRidge Resort <a href="#">300 High Hill Road</a>

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>

## NEED A CHEAP TWO METER BEAM?

At the right is the design for an ultra low cost 2 meter beam. It could be used for general operating, a portable beam or for direction finding. Price if you have some scrap pieces of wire, pvc pipe and coax around this is about as cheap as it gets.



## How About A Basic Half Wave Wire Dipole?

- The basic total length of a dipole should be equal to:  $468$  divided by the Frequency in MHz
- For 75 Meters (3.850 MHz) this is about 121.6 feet.
- For 40 Meters (7.150 MHz) this is about 65.5 feet.
- Be sure to add wire to attach insulators and

center conductor; about 12 to 18 inches per side.

- Once in place trim for lowest SWR in center of bend segment you use most.
- If Antenna will be mounted low (below 20 feet) or near any objects (like a house or rain gutters) add another foot of wire per side for compensation that can be trimmed for minimum SWR.
- Make all connections weatherproof and mechanically strong.
- For durability use copper-weld but most any kind of copper wire can work.
- Can be directly fed by coax for one band operation. Feed via 450 ohm ladder line through a tuner for multi-band operation.

## SARA's Board Of Directors 2008-2009

President: James Stewart K2PK [k2pk@arrl.net](mailto:k2pk@arrl.net) 399-1867  
VicePres.: Frank Simon WB2PUH [simonf072@strose.edu](mailto:simonf072@strose.edu) 477-5255  
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Treas: George Williams W2CSN [w2csn@arrl.net](mailto:w2csn@arrl.net) 377-6188

### Directors

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## SARA's Standing Committees

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## VE Registration (518) 370-1350



SARA Dues: Regular Member \$20 \_\_\_\_\_ New Member Initiation \$5 \_\_\_\_\_ Repeater Fund \$ \_\_\_\_\_  
Family Member \$5 \_\_\_\_\_ Student Member \$5 \_\_\_\_\_ SARA News US postal delivery Add \$5 \_\_\_\_\_

Name \_\_\_\_\_ Callsign \_\_\_\_\_

Email \_\_\_\_\_ (SARA News is sent via Email)

Street \_\_\_\_\_ I belong to ARRL \_\_\_ ARES \_\_\_ RACES \_\_\_

City \_\_\_\_\_ Zip Code \_\_\_\_\_ Telephone \_\_\_\_\_

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

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