
SARA NEWS

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

A Message from the President

I am so surprised how time flew by.

Here we are, June and time for new club officers, new beginnings for them and now FIELD DAY!

I hope that all of us can show our support to help them.

We can show support by being there for all of the field day activities.

I would love to thank the SARA outgoing officers for their hard work and support.

As with any club or organization with club officers and members good things can and will happen.

I hope we are willing and able to work together and eat together. I will bring the kitchen utensils so we can sit together.

See you all on FIELD DAY lets have a blast!

73 from W2XAD!

SARA General Meeting

Monday, June 6, 2016, 7:00 pm

"RF Burns"

Presented by
Dr. Robert ("Bob") Olsen, WA7WWP

Just about everybody who has been a radio amateur for any length of time has experienced an RF burn as a result of poor station RF grounding. RF burns can be deep, painful and slow healing.

Amateur radio operators are not the only people who can experience an RF burn. Because RF burns can also occur by contact with metallic objects near high powered AM broadcast stations they have also been of concern in the electric power industry regarding safety to crews working on overhead power transmission line structures.

What is an RF burn? What does it do to you? What makes you susceptible to an RF burn? Serious research into these questions is the subject of the program at the June meeting.

Our Speaker: Dr. Bob Olsen, WA7WWP

Dr. Bob Olsen (WA7WWP) is recently retired as Associate Dean of Engineering at Washington State University in Pullman, Washington.

His primary area of research has been in electromagnetic theory, and has resulted in publication of a number of technical papers in various peer reviewed journals. Among the subjects of his study are propagation of electromagnetic waves and grounding.

One of his more recent projects of interest to SARA has been an experimental study of RF burns.

Bob has his PhD in electrical engineering from the University of Colorado (Boulder) and is a Fellow of the IEEE.

He is also the brother-in-law of Jim K2PK.

Continued on the next page...

Meeting Location

SARA meetings will be held in the Poling Chapel of the First Reformed Church on North Church Street, Schenectady unless otherwise noted.

Cancellations

If Niskayuna High School cancels evening classes and activities the SARA meeting will also be cancelled.

www.niskyschools.org
 for school closing information.

The June meeting is also our annual business meeting, including our annual election of Board Members and Officers, as well as the Broughton Award and other recognitions. Final plans for Field Day will also be discussed.

Officers and Board of Directors Nominations for 2016–2017 are:

President: James MacMurray N2UZQ

Vice President: Jim Silva KC2ZVK

Secretary: Jim Stewart K2PK

Treasurer: Tim Long W2UI

Board Member: Paul Siemers WY2F

Board Member: Craig Wood W2XAD

Board Member: Bob Saltzman WB2ARK

Board Member: Dave Bradshaw KD2FVM

Please plan to attend.

ATTENTION: NEW LOCATION

First Reformed Church (in the Poling Chapel)
North Church Street, Schenectady

Directions: The church parking lot is on North Church Street, on your left as you head north from Union Street. Cross North Church Street and find the walkway between number 10 and 12 North Church. Go to the end of the walkway and enter the building. Turn left and go through the double doors. Turn right and walk past the rest rooms. The Poling Chapel is just down the hall.

May Board Meeting Minutes

Wendy's, Route 50 Glenville

May 11, 2016

Present:

Craig Wood, W2XAD - President
 Jim Silva, KC2ZVK - Vice President
 Tim Long, W2UI - Treasurer
 Jim Stewart, K2PK - Secretary
 Paul Siemers, WY2F - Board Member
 James MacMurray N2UZQ - Board Member
 John Comanzo, KD2FVN - Board Member
 Dave Bradshaw, KD2FVM - Board Member

Visitors: Hal Post AK2E, Lee Hatfield K2HAT and J. R. Hotaling N2PEQ.

Meeting opened by Vice President Jim Silva at 7:06 PM.

Secretary's Report: The Board accepted the minutes of the meeting of April 13, 2016 as published.

Repeater: Report by Hal Post and Dave Bradshaw on progress accessing the repeater site.

Broughton Committee: Reported by Lee Hatfield. The committee has picked a candidate.

Officer and Board Nominations for 2016/2017: Full slate reported by Jim Silva.

Field Day: Preparations for Field Day reported by James MacMurray.

Treasurer's Report: Reported by Treasurer Tim Long and accepted by the board.

Standing Requests for VE Coordinator and SARA News Editor: We still need somebody to fill these positions.

Meeting Adjourned at 8:00 PM.

Submitted by Secretary Jim Stewart K2PK

Calendar of Events

June 6 at 7PM

SARA General Meeting
 First Reformed Church
 North Church Street
 Schenectady, NY

June 24

Field Day setup

June 25 - 26

Field Day!

SARA YAHOO Group

Visit the club's YAHOO group at:
<https://groups.yahoo.com/neo/groups/sara/info>

Website

Visit the club's website at:
<http://www.k2ae.org>

FIELD DAY 2015, JUNE 25th and 26th

IT'S FIELD DAY TIME AGAIN!

Once again it is time to brave the elements, the bugs, the QRM, etc., and enjoy the fun of being with your fellow hams while operating away from the home station.

We have a new location this year. This year's location is at the Niskayuna Soccer Park behind Craig School, located on Zenner Road. Accessible via River Road, nearest the intersection of Balltown and River Road.



The Broughton Field Day Group

SARA and SMARA will conduct a collaborative Field Day and submit a single entry to the ARRL again this year. We will be running class 6A plus a Get-on-the-Air (GOTA) station.

We will call ourselves the "Broughton Field Day Group". The main call sign will be W2IR. The Get-On-The-Air (GOTA) station call sign will be K2AE.

The call signs belong to Henry Broughton K2AE (Father) and William Broughton W2IR (Son).



Henry Broughton, K2AE



William Broughton, W2IR

We will use the N3FJP software for logging. You can download an evaluation version for free and give it a try before Field Day, <http://www.n3fjp.com>. It's almost the same as N1MM (the logging software we used last year).

We are located on the ARRL FD Locator map, <http://www.arrl.org/field-day-locator>.

Continued on the next page...

Free food, snacks, and soft drinks will be provided by the club for those who participate. Who says there's no free lunch! April MacMurray is in charge of food and she does an outstanding job of providing delicious food and making sure we are all fed!

Want to get involved but don't feel like operating, we need help with setup, teardown, and miscellaneous other jobs. **Site setup will begin Friday morning. Teardown will begin promptly at 2PM Sunday and will continue for at least several hours.** If you can pull on a rope or hold a pole-WE NEED YOU! Logging is by computer and is easy to use.

For those who like to operate, there are plenty of opportunities to do so. We will have six complete stations set up under the pavilion, 6 on the air at a time. Depending on your operating preference these can be used on SSB, CW or digital. You don't have to be a "contester" to participate. We especially need operators after dark, so if you're a "night owl" and want to have some fun please come join us. If you are a new licensee (or an old timer who's feeling rusty), this is the perfect opportunity to get on the air and get some experience.

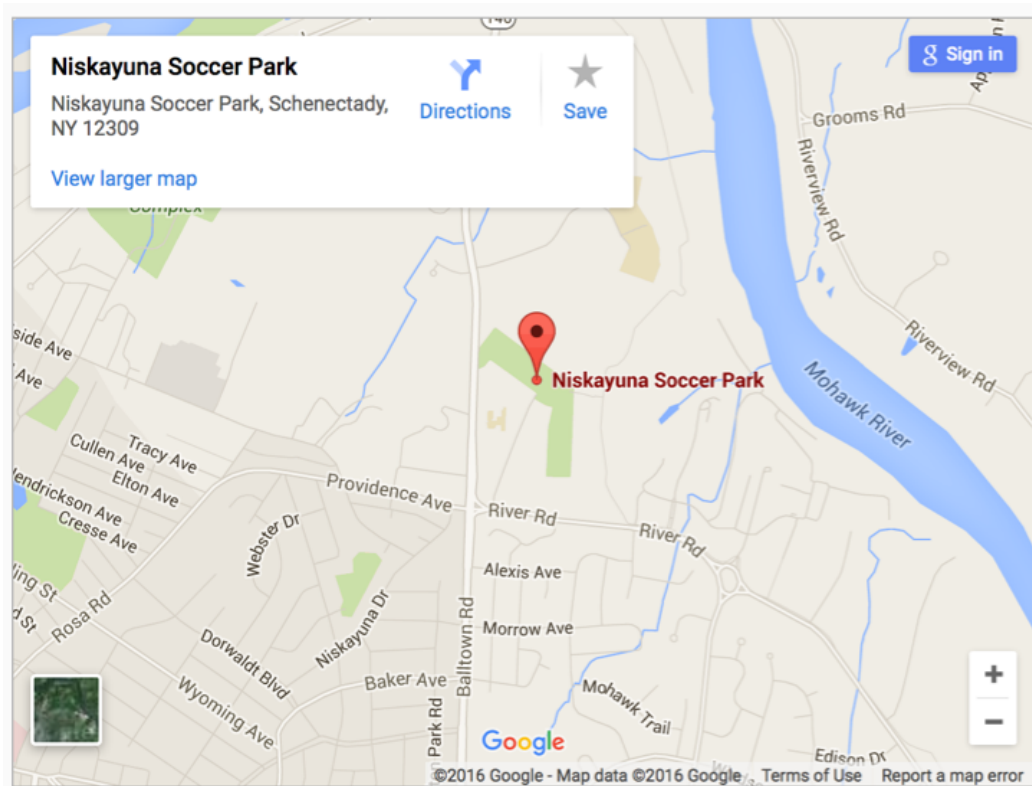
Even if you don't want to operate and are unable to help with the setup or teardown, please come join us. Renew old friendships in person (the only tweeting here is coming from the speakers of the rigs). The idea is to get out and have fun. As a side benefit, we test our operating skills and preparation for emergency communications work.

If you can help, please contact this year's Field Day co-chairmen, Tim Long, W2UI or Jim MacMurray, N2UZQ.

Mark it on your calendar. Give Tim or James a call and ask how you can help.

See you at Field Day!

Link to Google Maps: <https://goo.gl/maps/y4r2AJkgZgq>



Public Service - Thank You!

As we have just started to really get into the Public Service season, I just wanted to let everyone know that we have already logged over 120 hours of volunteer time. I want to thank the following people for donating their time and efforts to their fellow Hams and communities:

Dave Bradshaw	KD2FVM
Ian Bradshaw	KD2GQV
Tim Moody	W2QAC
Paul Borst	KD2KCY
David Wilkinson	KD2CDH
Ben Sharon	KC2OTY
Sid Cramer	W2SID
Larry Zuravin	KB2WZT
Millie Gittinger	KB2SWR
Clark Gittinger	KG2AO
Fred Haley	W2EMS
Tom Early	AC2IE
Steve Marsh	KC2USX
Debbie Marsh	KC2ULU
Lincoln Grimm	KA2RBT
Fred Thumbhart	KB2IXT
Paul Dahoda	KD2JMM
Tim Kemp	N2MBX

Public service is just one way that we justify the privileges that we enjoy as Amateur Radio operators. Thank you.

James MacMurray N2UZQ
Schenectady County ARES EC
n2uzq@arrl.net

2016 PUBLIC SERVICE EVENTS

If you can help out with one of these events please contact Tony Pazzola - W2BEJ for more information.

Note: You don't need to own a radio to participate in one of the Public Service Events. The club can supply a radio to use.

- May 1 Schenectady Crop Walk
- May 1 Literacy Run/Walk, RPI Tech Park
- May 21 Niska Day
- May 25 Scotia Parade, Mohawk Ave, Scotia
- May ?? Rotterdam Parade
- May 19 CDPHP Workforce Team Challenge, Albany, 6PM
- May ?? Maplewood Parade
- May 30 Watervliet Parade, Watervliet, 10AM

- June 4 Freihofer's Run for Women, 9AM
- June 5 Tour de Cure, Saratoga Springs
- June ?? Run For Help, Goff Middle School, East Greenbush
- July 4 Alplaus Parade
- Sept ?? Mud Run (RAID Series)
- Sept 17 Bike MS: Hudson River Ramble, 6AM
- Sept 24 Veterans Ruksmarch (Run), 8AM
- Sept ?? Race For Hope, 5K Race For Cancer, Slingerlands
- Sept ?? Dunkin Run (Bagel Run), Albany JCC
- Sept ?? Arsenal Run, Watervliet
- Oct 9 Mohawk Hudson River Marathon
- Oct 30 Pumpkin Patrol (Bridges on the NYS Thruway)
- Oct 31 Pumpkin Patrol (Bridges on the NYS Thruway)
- Nov 13 Stockade-athon, Schenectady, 8AM
- Nov 19 Schenectady Christmas (HOLIDAY) parade

List subject to change. More information and updates to follow.

TONY'S WORLD FAMOUS 2016 HAMFEST LIST

Come to FLUNGE and EBB with Tony, W2BEJ

<u>MARLBORO</u>	2/13	X	Whitcomb School - Marlborough, MA	147.27 + pl 146.2
<u>SWL WINTERFEST</u>	2/19	X	Doubletree Suites - Plymouth Meeting, PA	146.52
<u>HORSEHEADS</u>	2/27	X	Big Flats American Legion - Rt. 86 Exit 49	147.36 +
<u>COLCHESTER</u>	2/27	X	Holiday Inn - South Burlington, VT	145.15 -
<u>LIMARC</u>	2/28	X	Levittown Hall - Hicksville, NY	146.85- pl 136.5
<u>MT TOM</u>	3/5	X	Chicopee Falls Moose Lodge 1849	146.94- pl 127.3
<u>SARATOGA WINTERFEST</u>	3/12	X	Ballston Spa, Solar Building	147.00 + pl 91.5
<u>SOUTHINGTON</u>	3/20	X	HighSchool - Southington, CT	147.345 + pl 77
<u>FRAMINGHAM</u>	4/10	X	Keefe Tech - Framingham, MA	147.15 +
<u>SPLITROCK, NJ</u>	4/16	X	Roxbury Senior Center - Succasunna, NJ	146.985- pl 131.8
<u>DRUMLINS</u>	4/23	X	Palmyra VFW Post 6778, 4306 Route 31	146.685 -
<u>MIDDLETOWN</u>	4/24	X	Wallkill Community Center	146.76 - pl 100
<u>DEERFIELD (NEAR-Fest)</u>	4/29	X	Fairgrounds - Deerfield, NH	146.52
<u>EAST GREENBUSH</u>	5/14	X	Phillips Road Firehouse	147.27 +
<u>DAYTON</u>	5/20	X	Hara Arena - Dayton, OH	146.94-
<u>SoBARC</u>	5/21	X	Fairgrounds - Goshen, CT	146.73 - pl 77.0
<u>BERGEN, NJ</u>	5/28	X	Westwood HS, Washington Township, NJ	146.79 - pl 141.3
<u>ROCHESTER</u>	5/28	X	Kodak's "Theater on the Ridge", 200 W Ridge Rd, Rochester, NY 14615	146.88 - pl 110.9
<u>BARNARD HAMFEST OF ROCHESTER</u>	6/4	X	Barnard Fireman's Field. 360 Maiden Lane, Rochester, NY 14616	146.925 - pl 110.9
<u>BEACON</u>	6/5	X	Downstate Correctional QWL Hall - Fishkill, NY	146.97 - pl 100
<u>CORTLAND</u>	6/11	?	Cortland County Fairgrounds	147.18 +
<u>NEWINGTON</u>	???	X	St Mary's School - Newington, CT (next hamfest in 2017)	145.45-
<u>MURGAS</u>	7/3	X	Polish American Veterans, 2 South Oak Street, Wilkes-Barre (Plains) PA	146.61 - pl 82.5
<u>R.A.G.S. (SYRACUSE)</u>	7/10	X	American Legion - Cicero, NY	147.30+
<u>BATAVIA</u>	7/16	?	Alexander Fireman Grounds - Alexander, NY	147.285+ pl 141.3
<u>SUSSEX CO. NJ</u>	7/17	X	Sussex Co Farm & Horse Show Fairgrounds	147.30 + pl 151.4
<u>UTICA</u>	7/25	?	Deerfield Fire Department - 5476 Trenton Road Deerfield NY	146.76 -
<u>ITHACA</u>	8/6	X	Trumansburg Fairgrounds	146.97-
<u>ROME</u>	8/13	?	The Griffiss Institute located at 725 Daedalian Drive, Rome NY	146.88 -
<u>NoBARC</u>	8/28	X	Bowe Field - Adams, MA	146.91-
<u>BOXBOROUGH</u>	9/9	X	Holiday Inn - Boxborough, MA	
<u>SARATOGA</u>	9/11	?	Saratoga Co Fairgrounds	147.00 + pl 91.5
<u>ELMIRA</u>	9/24	?	Chemung Co Fairgrounds	147.36 +
<u>DEERFIELD (NEAR-Fest)</u>	10/14	X	Fairgrounds - Deerfield, NH	146.52
<u>NUTMEG</u>	10/16	?	Sheraton Four-Points Hotel - Meriden, CT	147.36+

UPDATED 2/21/2016 (X=CONFIRMED) (???)=NO DATE THIS YEAR)

Note: Date for multi-day events reflects the starting date

Additions, Corrections, Comments? Send E-Mail to: Randy, KL7TJZ - rstein02@gmail.com

THANKS to ALL who have helped with updating this list!

SARA Repeater Donation Fund

As a Club member won't you please consider making a donation to the Repeater Fund? Your support will help offset the cost of keeping our equipment maintained and keep our repeaters on the air.

You can use the SARA Membership Application at the end of this Newsletter to mail your donation (select the "Donation to the Repeater Fund" box) OR bring your donation to the next SARA meeting and give it to our Treasurer, Tim Long.

In addition, if you hear someone on the repeater who is not a member of our Club, give them some information about our Club and/or invite them to one of our Club meetings. Who knows, maybe they will join and help support our Club.

If you have any old radios or other Amateur radio items in **sellable condition**, please consider donating them to the club. By converting donated equipment into club funding these funds help keep our membership dues down, provide extra money to help maintain our repeaters, help with our Field Day costs and other expenses. If you have any equipment to donate, please contact one of the Board of Director/Officers.

Your donations will help us keep our repeaters on the air & open for all Amateurs to use.

Topics for Future SARA Meetings?

Your suggestions are needed

We welcome your suggestions for future meeting topics.

If you have a topic that you would like to present, or know of someone who could present a topic of interest to the club, please contact Jim Silva, KC2ZVK at jsilva.ny@gmail.com.

We have a few openings for the rest of this year.

Looking for Volunteers

We are in need of a new **VE Coordinator** now and a new **SARA News editor** in the Fall.

By volunteering, it is a great way to giveback to your club.

If you think you might be interested, please contact one of the Board Members today!

K2AE Repeaters Guidelines

K2AE Repeaters are open and visitor friendly.

1. There will be a control operator monitoring at all times. If there is no control operator, the repeater will be unavailable. (97.103 and 97.105)
2. Control operators will not discourage anyone from using the repeater.
3. Conduct on the repeaters should be governed by common sense and courtesy. Conversations should be in plain language and suitable for all listeners. (97.112 and .113)
4. No commercial business use is allowed.
5. Pause a few seconds between transmissions. The repeater will recycle. This gives a chance for other users or emergency traffic to call in. (Give even a longer pause in Winter.)
6. If someone calls "Break", operators will yield the frequency for emergency traffic. Yielding to a "breaking" or new station is common courtesy. New York State and Federal law prohibit interference with emergency traffic.
7. Operators are encouraged to use simplex whenever possible. Operators are encouraged to use the minimum power necessary to maintain clear contact, i.e. 50 Watts or more is not appropriate in close proximity to the repeater when 1 or 5 watts achieve full quieting. (97.313)
8. Use of the repeater for non-SARA public service events is prohibited unless permission from the Trustee is obtained. Please forward requests to: ak2e@arrl.net.
9. In the event of an emergency (SKYWARN, flooding, weather conditions or other emergencies) control operators will turn the repeater on if it is down.

Board of Directors/Officers

President

Craig Wood - W2XAD
 Email: w2xad1@verizon.net
 Phone: 370-5224

Vice President

Jim Silva - KC2ZVK
 Email: jsilva.NY@gmail.com
 Phone: 877-8032

Secretary

James Stewart - K2PK
 Email: k2pk@arrl.net
 Phone: 399-1867

Treasurer

Tim Long - W2UI
 Email: tlong1@earthlink.net
 Phone: 399-7454

Director

Paul Siemers - WY2F
 Email: psiemer2@nycap.rr.com
 Phone: 371-0215

Director

James MacMurray - N2UZQ
 Email: n2uzq@arrl.net
 Phone: 772-9851

Director

John Comanzo - KD2FVN
 Email: kd2fvn@arrl.net

Director

Dave Bradshaw - KD2FVM
 Email: kd2fvm@arrl.net

Standing Committees

SARA News

John Comanzo - KD2FVN
 Email: kd2fvn@arrl.net

Elmer & Antenna Party

Tim Long - W2UI
 Email: tlong1@earthlink.net

K2AE Trustee

Hal Post - AK2E
 Email: ak2e@arrl.net
 Phone: 306-6817

Repeater

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

RFI/TVI

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

Public Service Events

Tony Pazzola - W2BEJ

VE Team

Vacant - Please consider volunteering for this position

FCC Exam Registration

Phone: (518) 604-4128

Schenectady County Emergency Net

SARA members act as Net Control Stations for the Schenectady County Emergency Net (SCEN) on Sunday afternoons.

EMERGENCY COORDINATOR: JAMES MACMURRAY - N2UZQ

DAY OF WEEK	TIME	FREQUENCY	MODE
Every Sunday	1:00 PM	444.200	K2AE Repeater
Every Sunday	1:30 PM	147.060	K2AE Repeater
1st Sunday	2:00 PM	3.953	LSB
2nd Sunday	2:00 PM	50.400	AM
3rd Sunday	2:00 PM	146.430	FM Simplex
4th Sunday	2:00 PM	28.325	USB
5th Sunday	2:00 PM	223.500	FM Simplex

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.



SARA NEEDS YOU!

If you have any articles, information, tips, tricks or items for sale you would like to include in the SARA Newsletter, send an email to saranews@k2ae.org with the subject "SARA Newsletter Ideas". Please include your full name and call sign.

Do you know why "*Dues are Gladly Accepted*"?

Because it makes Tim happy!

SARA DUES REMINDER

Have you paid your dues yet? The SARA membership year runs from July to June and the **2015-2016** dues are due. Please use the form on the last page or see Tim, W2UI, our Treasurer at the next meeting.



SARA MEMBERSHIP APPLICATION

Dues are gladly accepted (Please print legibly)

New Member

Renewal

Donation to the Repeater Fund. Amount: _____

Membership Class:

Full (Licensed Amateur) - Dues: \$20.00/year

New Member Initiation - \$5.00/one time fee in addition to Full dues
(Initiation fee is used to fund the Henry Primm Broughton Memorial Fund)

Spousal - Dues: \$5.00/year. Call sign of regular member: _____

Student (K-12 and full-time undergraduate college) - Dues: \$5.00/year

.....
Call Sign (if licensed): _____ License Class: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

E-Mail Address: _____

(Newsletters will be distributed via email unless otherwise specifically requested)

Are you a member of ARRL ARES RACES NTS

.....
Please use a separate form for each member at your address.

Make checks payable to: Schenectady Amateur Radio Association

Mail your check and this completed form to:

Schenectady Amateur Radio Association
PO Box 449
Schenectady, NY 12301

You may also bring this form and your membership dues to the next SARA General meeting.