



# SARA NEWS

Schenectady Amateur Radio Association Inc.  
"Service Through Amateur Radio"

Founded 1930

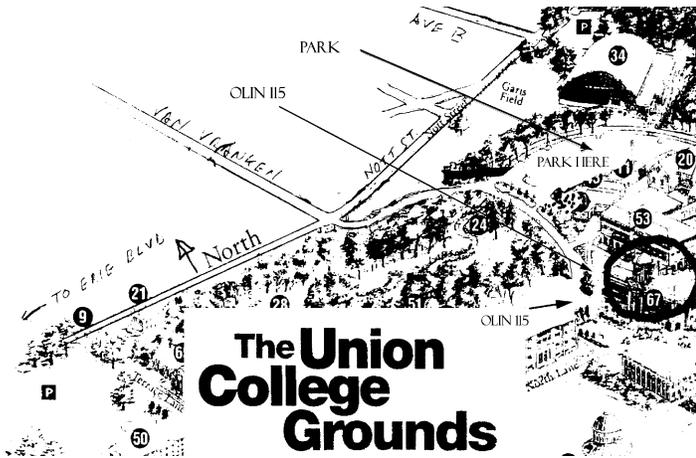
January, 2001

K2AE Repeaters

Meeting Monday, January 8, 2001 at 7:30 PM, Olin Hall, Union College

## A new Meeting Place

SARA will be meeting at Olin Hall, 115, Union College. The meeting will be a joint meeting with W2UC, the Union College Amateur Radio Club. We expect this arrangement will continue for the rest of the season.



## Directions

From I 890 - take Erie Blvd. to Nott St. to Van Vranken Ave. Turn right into Union College.

From Rt. 7 - Go straight onto Union St. Turn right on McClellan St. to Grand Blvd. Go right to Nott St, and at Van Vranken, turn left into Union College.

The entrance is a short ways west of Ellis Hospital, just to give you a landmark.

Once on the campus, bear left into the parking lot. Walk out the path at the foot of the lot and follow the road to OLIN Hall.

Copyright 2000 - 2001 by the Schenectady  
Amateur Radio Association.

For permission to reproduce all or part of SARA News in any form, contact Paul Seimers, WT2F, President.  
(See page 5 for the address.)

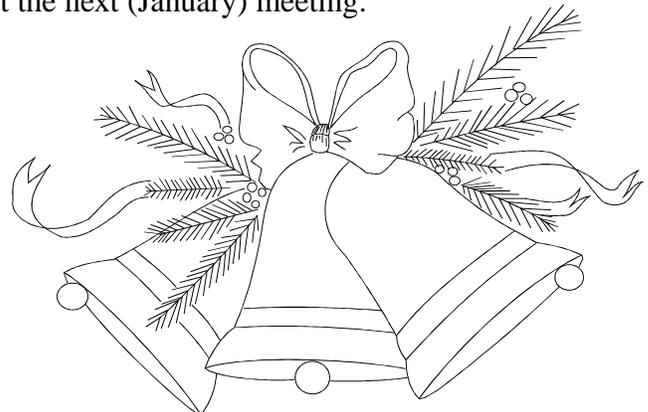
## Flea Market and More

The January program will be an amateur radio flea market. Sellers are asked to please bring a blanket or sheet to drape over the desks in Olin Hall to protect them. Rob, KR2L, will bring along the ZL9CI Campbell Island DXpedition video and also surf ham radio sites on the internet, time permitting.

Junk! Stuff we throw away. Stuff! Junk we keep.

## The SARA Dinner to be rescheduled

Rob, KR2L reports that the new date and time will be announced later. "We really did not have enough people signed up to continue to make plans for December 23," he said. The reason most often given for not attending was family conflicts at this time of year. Another date will be discussed at the next Board meeting. All checks will be returned to the originators at the next (January) meeting.



HAPPY NEW YEAR

## From the Board

Meetings - Thursday preceding the SARA meeting

December 2000 SARA Board Meeting Minutes

Present: Paul - WY2F, Rob - KR2L, George - W2CSN, Dennis - N2LBT, Tim - WB2SPN, Jay - K2QNU, and Bill, W2DHT

Meeting began at 7: 07 PM at Union College campus, Olin Hall.

1. Motion was made to accept the minutes as written by George, W2CSN; seconded by Rob, KR2L. One correction was noted in paragraph four. K2RL is changed to K2RI.
2. The inspection for the trailer tower was mailed to Dept. of Motor Vehicles. Tim, WB2SPN, had the foresight to bring Motor Vehicle documents for the tower trailer. The correct motor vehicle inspection number was filled in on the appropriate form.
3. Scheduling: January 2001 will be a flea market. February will be announced. March will be Dr. John Delano of SUNY, Albany. April will be Tom Raffaele. May will be Steve Mendelsohn, W2ML, of Vice Director, Hudson Divison, ARRL. June will be the annual business meeting and include elections and field day discussions.
4. Bob W2XM's mother, is doing fine from her surgery.
5. Treasurer's report indicates that our Fleet checking account now has \$9,385.06. We have 152 members paid up for 2001.
6. There is no Public Service Coordinator. Any volunteer would be welcomed.
7. Reimer Hall has deli style sandwiches, burgers, fries, coffee, soda, pizza, chicken fingers, and fried shrimp. Members are encouraged to snack out there, wearing radio hats and badges.
8. Bill Futrell sold the 40-foot tower and TA33 Mosely beams. Paul, WY2F, reported that the equipment was originally intended to be donated to SARA.
9. Holiday Party: the place is Perrino's Restaurant at 2015 Rosa Road, Niskayuna. The price is \$21 per person. You can pay at the December SARA meeting or call KR2L, Rob to make arrangements.
10. Motion by K2QNU, Jay, to buy the technician, general, and extra class license manuals for the Union College library. Seconded by Dennis, N2LBT. Cost is \$60. Motion approved unanimously.
11. N2LBT, Dennis, reintroduced the idea of the ARRL UHF/VHF Plaque. This was voted down last month. This month it was passed unanimously. It will cost \$60.
12. The newsletter may be mailed out via e-mail to members in the future. WB2SPN, Tim, will work on the initial stages of this project with Phil, KB2HQ. Those wishing to have their newsletter sent electronically may do so. The hope is to speed delivery to members and to save money on US postage.
13. The meeting was adjourned at 8:38 PM. The motion was made by N2LBT. Seconded by K2QNU.

Jay, K2QNU, Secretary

## The Trading Post

FOR SALE  
OR TRADE

FOR SALE - Hallicrafters Model S-94 receiver (30-50 MHz.), Commodore VIC-20 computer, Gonset Communicator 2 meter AM rig, Hallicrafters HT-37 HF CW & SSB transmitter, Heathkit Audio Generator, Oscilloscope, SWR meter and other items too numerous to mention. Prices and terms are negotiable. Contact Stan Israel, WA2BAH@webtv.net or 631-0419.

Radio Shack 2 meter, 30 Watt, HT amplifier - \$40. MFJ 1270 TNC - \$40. Phil, KB2HQ, 377-8938, kb2hq@juno.com.

Kenwood R-600 Receiver, 150 kHz to 30 MHz continuous coverage w/ Digital frequency readout, AM, CW, LSB, USB modes. Has speaker, headphone jack, tape recorder jack, Low Z and high Z antenna inputs. With instruction manual and circuit diagram. No dents or scratches, in perfect working order. Asking \$100. Bill, W2PX, 399-3112

Icom IC-T22A HT- Extra BP180 Batt. Pack - BP 170 Batt. Case - Manuals. Warranties. - MH-C 888 Drop in Charger/Conditioner w/manual. Warranty. All new or near new. Must sell, make offer. John, K2TNC 346-0751

Mirage 2 meter amplifier, 144 to 148 MHz, 10 W in - 80 W out (1 in/15 out), like new. \$50. Walt, W2KE, 346-2997.

### WANTED

The scouts of KA2BSA are looking for 2 laptop computers w/ windows 95 or 98 for their next amateur project. Anyone willing to donate or knows someone willing to donate such items to our scouting educational ham radio program, please contact me at ka2bsa@nycap.RR.com or by calling 765-2069 evenings. Thank you in advance. Ray Ginter, N2ZQF.

NOTE: Ads will be carried for two issues unless renewed. The deadline for placing the ads is the 13th of the month.

To post an ad write: sara@e-groups.com, kb2hq@juno.com or call Phil, KB2HQ, 377-8938 -- before 9:30 PM, please.

*The great thing in this world  
is not so much where we stand  
as in what direction  
we are moving.  
.... Oliver Wendell Holmes*

## WINTER STORMS

The National Weather Service issues watches and warnings for hazardous winter events. You have to understand their language, though, in order to take the appropriate steps.

### KNOW WHAT THESE TERMS MEAN

**Winter Storm Watch** ... severe winter weather conditions may affect your area (includes blizzard conditions, heavy sleet or snow, or damaging accumulations of ice).

**Winter Storm Warning** ... severe winter weather conditions are imminent or occurring.

**Ice Storm Warning** ... significant, possibly damaging, ice accumulation is expected. Freezing rain (or drizzle) means precipitation is expected to freeze when it hits exposed surfaces.

**Heavy Snow Warning** ... a snowfall of at least 4 inches in 12 hours or 6 inches in 24 hours is expected. (Under certain conditions, heavy snow may be included in Winter Storm Warnings)

**Blizzard Warning** ... considerable falling and/or blowing snow and winds of at least 35 miles per hour are expected for several hours.

**Severe Blizzard Warning** ... considerable falling

and/or blowing snow, winds of at least 45 miles per hour, and temperatures 10 deg F or lower are expected for several hours.

**High Wind Warning** ... winds of at least 40 miles per hour are expected to last for at least 1 hour. (In some areas, this means strong gusty winds occurring in shorter time periods).

### KNOW HOW TO PROTECT YOURSELF

**Before The Storm** ... Prepare - automobile, battery powered equipment, heating fuel, food, and other supplies.

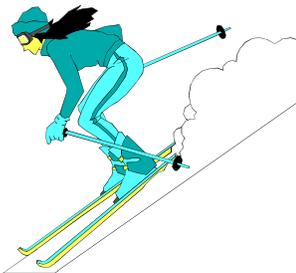
**During The Storm** ... Dress Warmly - wear multiple layers of protective clothing, scarves, mittens, and hoods. Cover the mouth to protect lungs from extremely cold air.

**Avoid Travel** ... but if stranded, stay in your vehicle, keep it ventilated, bundle up, stand watches, occasionally change positions, and don't panic.

**Avoid Overexertion** ... heart attacks are a major cause of death during and after winter storms. Shoveling snow or freeing stuck vehicles can be extremely hard work. Don't overdo it!

THINK Weather Safety!!

de Chuck, KD2AJ, EC Clinton County, NY



AIR TEMPERATURE	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30
MPH														
05	33	27	21	19	12	7	0	-5	-10	-15	-21	-26	-31	-36
10	22	16	10	3	-3	-9	-15	-22	-27	-34	-40	-46	-52	-58
15	16	9	2	-5	-11	-18	-25	-31	-38	-45	-51	-58	-65	-72
20	12	4	-3	-10	-17	-24	-31	-39	-46	-53	-60	-67	-74	-81
25	8	1	-7	-15	-22	-29	-36	-44	-51	-59	-66	-74	-81	-88
30	6	-2	-10	-18	-25	-33	-41	-49	-56	-64	-71	-79	-86	-93
35	4	-4	-12	-20	-27	-35	-43	-52	-58	-67	-74	-82	-89	-97
40	3	-5	-13	-21	-29	-37	-45	-53	-60	-69	-76	-84	-92	-100
45	2	-6	-14	-22	-30	-38	-46	-54	-62	-70	-78	-85	-93	-102

## ARRL/FCC

### Exam Fees to rise

Released: 12/04/2000. WIRELESS TELECOMMUNICATIONS BUREAU ANNOUNCES IT WILL NO LONGER LIMIT REIMBURSEMENT FEE FOR AMATEUR OPERATOR EXAMINATIONS. On December 4, 2000, the Public Safety & Private Wireless Division released a Public Notice announcing that the Wireless Telecommunications Bureau will no longer limit reimbursement fee for amateur operator examinations. (DA 00-2718).

### FCC SEEKS TO REQUIRE FCC REGISTRATION NUMBER

The FCC has proposed requiring that everyone it does business with obtain and use an FCC Registration Number—or FRN. Many amateurs registered with the Universal Licensing System already have been assigned a 10-digit FRN by the Commission Registration System—or CORES. The FCC has not made FRN use mandatory, however. The FCC released a Notice of Proposed Rulemaking (MD Docket 00-205) December 1.

The FCC says requiring individuals and entities to obtain an FRN will help it to better track and manage the collection of fees. The FCC proposes requiring that FRNs be provided with any filings that require payment of a fee, such as the vanity fee for amateurs.

The FCC is proposing to reject filings requiring an FRN that do not include the number. The Commission said its proposed rules “would make the use of the FRN mandatory in certain circumstances so that anyone not yet assigned an FRN or who has not yet obtained one must obtain one.”

An individual does not have to hold an FCC license to obtain an FRN. The FCC says the information collected by CORES includes the “entity name and type,” Taxpayer Identification Number or TIN—typically a Social Security Number for an individual, contact address and e-mail address. CORES information is not made public.

### Big Wireless Brother?

Sprint Corp.’s wireless division is stirring up hot-button privacy concerns by announcing that it will put global positioning system (GPS) chips in its cell phones to locate its users, according to a newspaper report.

The move, which starts the middle of next year, is designed to fulfill a federal mandate that all wireless service providers be able to pinpoint the location of a wireless 911 call within 100 feet by October 2001.

Concerns that the cell phone will become a tracking device are of particular concern for carriers that decide to go with a GPS-technology solution. That’s because, even though the Federal Communications Commission requires 67 percent of position-enabled handsets to be locatable to within 50 meters, Sprint was able to locate that percentage of test calls to less than 30 meters, according to the news report.

Not to worry. Sprint says it’s devising a way to offer coupons to a local Pizza Hut if the wireless customer is in the vicinity of a restaurant.



## From the Editor's Shack Guest Editorial

### We Want YOU!

The youth of the capital district is seeking knowledge in the field of Amateur Radio. Are you willing to HELP? If there is one thing I have learned over the last 15 years of working with children, it is they have a thirst for knowledge. They are willing to learn if we are willing to teach.

I have listened to a lot of discussions over the last few years, including comments like the younger generation is not interested in ham radio because they have the Internet. Is this really true?

Recently, a group of about 200 girl scouts was introduced to the hobby at a local club radio station. About 20 of the girls expressed an interest in getting their license. That is 10% of just one group! In 1999, our local Boy Scout Council served more than 36,800 youth members. If we got just 2% interested, that would be 736 new hams. The average mean age of Amateur Radio Operators has gone from 56 to 55. Is this because we are doing such a good job in getting younger hams interested or is it because the older hams are dying? We need youth!

I would like to propose some ideas for you to consider:

- Ö Donation of used/new equipment to youth groups like KA2BSA (financial donations are also welcome).
- Ö Donation of used/new equipment to local scout camps that are instructing ham radio and/or communications as part of their program.
- Ö Dedicate some of your time to introduce the hobby to other youth groups (girl scouts, boy scouts, 4H, etc.).
- Ö Open your station for special events like Kids Day or the Jamboree on The Air.
- Ö Help instruct a class for children wanting to be hams or start a youth program in your local club.

Are you willing to go the extra mile for the benefit of the hobby? If you are willing to help and give a big push in the direction of Youth For Tomorrow, I am willing to push the issue with the local Scout Council.

I am looking for a commitment of how you are willing to help, the area in which you live, the clubs you are affiliated with, the groups you wish to work with, and the time you have available. Please get in touch with me by e-mail at <n2zqf@nycap.RR.com>.

de Ray Ginter, N2ZQF

## Big Brother?

The following is from the UK version of *Computer Shopper Newsletter*. Let's all hope these ideas stay over there!

### Secret Service snooping plans breach human rights

Campaign group Liberty is threatening to take the government to the European court over cyber-snooping plans.

The secret service has proposed a plan to the Home Office to record and access every phone call, e-mail and Internet page impression we make over a time span of seven years. The database, which would cost £3m to set up and £9m each year to run, would help MI5, MI6, the National Criminal Intelligence Service (NCIS) and the police tackle problems like cybercrime, terrorism, drugs trafficking and the operation of paedophiles. Roger Gasper, deputy director general of the NCIS, said: "We believe the Home Office already accepts that such activity is unquestionably lawful... as well as being vital in the interests of justice." However, John Wadham, the director of Liberty, which is campaigning against the proposal, said: "This is an extraordinary idea. This would violate the principles of the Data Protection Act and the Human Rights Act and the Government should reject this idea now." A Home Office spokesperson said: "No decisions have been taken at this stage."

By Matt Whipp

## The Third Time is the Charm



Mike, W2ARQ says "Con, you sure put on a great antenna party!"

Con, N2EKU, has been trying to get a HF beam up for a loooong time. He put up a quad which was promptly destroyed by a blizzard. The TH6 he rebuilt was really too big and didn't get installed. He now has a moderate sized beam up-and-running!

Now, maybe he'll be able to talk to all those relatives in Italy. Good luck Con and good DX!

## Who to Contact in SARA

There are a number of ways to get in touch with the leaders of your club: contact on the air, E-mail (either direct or through sara@egroups.com) or by phone. The important thing is to let them know you want your club to be!

### Officers:

Pres.: Paul Siemers, WY2F (siemers@crd.ge.com) 371-0215  
 VPres.: Rob Leiden, KR2L (bleiden1@nycap.RR.com) 399-9343  
 Sec.: Jay Freud, K2QNU (SFreud7777@aol.com)  
 Treas.: George Williams, W2CSN (williamg@tardis.union.edu) 377-6188  
 Dirs: Dennis Hudson, N2LBT (n2lbt@n2lbt.com) 435-9730  
 Tim Long, W2UI (WB2SPN) (longt@empireone.net) 399-7454  
 Scott Krone, N2YCA (n2yca@juno.com) 273-1610  
 Bob Raffaele, W2XM (w2xm@arrl.net) 459-8435

### Committees:

SARA News: Phil Bradway KB2HQ (kb2hq@juno.com)  
 PIO: Rob Leiden KR2L (bleiden1@nycap.rr.com)  
 Rept./K2AE: Howard Lester W2ODC (w2odc@empireone.net)  
 RFI: Rudy Dehn W2JVF (w2jvf@juno.com)  
 Membership: Bob Raffaele, W2XM (w2xm@arrl.net)  
 VE Team: Bill Mischler, KG2AC  
 Public Service: We need your help  
**VE test registration: Bill Mischler, KG2AC 370-1350**

### Schenectady Amateur Radio Association Inc

#### Membership Application-Renewal Form

Regular Dues	\$20.00	\$ _____
Spouse	\$ 5.00	\$ _____
Student	\$ 5.00	\$ _____
Repeater Fund Donation		\$ _____
Initiation Fee	\$ 5.00*	\$ _____

\*New Members Only

Name \_\_\_\_\_ Call \_\_\_\_\_

Nickname \_\_\_\_\_ Class \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_ Zip \_\_\_\_\_

e-mail \_\_\_\_\_

Phone \_\_\_\_\_ Signature \_\_\_\_\_

ARRL \_\_\_\_\_ RACES \_\_\_\_\_ ARES \_\_\_\_\_ MARS \_\_\_\_\_

Send to SARA, P.O. Box 207, Alplaus, N.Y. 12008-0207

June, 2001

## No-Code Technician Class

KA2BSA, with the help of SMARA, will be offering a full 12 week No Code Tech Class for both young people and adults.

Classes will begin on February 18th, 2001, and end on May 6th 2001 (weather permitting). The Cost is \$25.00 which includes the study book and other materials. Make checks payable to SMARA and send payment to: SMARA PO Box 6143 Schenectady, NY 12306. Classes will be held at the Schenectady Museum, 15 Nott Terr. Heights, off Nott Terrace, Schenectady, NY 12308, Sundays, from 2-4 PM.

The class is limited to the first 25 people to sign up. Sign up by calling Ray N2ZQF at 765-2069 or John KA8GRH at 382-7890 ext. 283. To guaranty study books for the first night, payment must be received by Feb. 1st 2001.

An exam session will be scheduled at the completion of the class. Exam fee will be \$ 10.00.

January, 2001

## You might be a Redneck Ham if:

Continued from the last issue

a coil is used to make moonshine.  
polarization is the difference between Reps. and Dems..  
meter is being introduced to a woman.  
160 is the average speed for a NASCAR race.  
mobile is another brand of gasoline.  
switch is swapping mates.  
knife switch is pulling out a bigger blade in a fight.  
push to talk is forcing yourself to be heard in a beer joint.  
pair of strippers is two naked girls.  
keyer is a locksmith.  
connector is a dating service.  
rotor is part of a pickup axle.

de KE4HSB

---

We thank **Spartan Copies** for the help with printing, etc., of SARA News. It is appreciated.



SARA News  
Schenectady Amateur Radio Association Inc.  
P.O. Box 207  
Alplaus, N.Y. 12008

Non-Profit  
Organization  
U.S. Postage PAID  
Permit No. 1091  
Schenectady, N.Y.