



Salem Area Amateur Radio Association, Inc. - P.O. Box 696 - Salem, Ohio 44460-0696

Hi All,

It hardly seems that summer is about to come to an end with the Labor Day Weekend upon us as I write.

This summer season has been more like the summers I think about.

I would like to thank those that assisted with the activities this summer. Don't forget the Christmas Parade on the 18th of November. It will start as in the past at 6:00 P.M. from the Salem High School and go through downtown.

Also, don't forget that with October coming up we will want to be thinking about the selections for officers which we will want to nominate.

Sorry to hear about the passing of a couple of hams, N8HKH John Weiss and K8BAA Orville Deatherage, (father of Randy Deatherage KC8RJQ-SK). Our blessings go out to the families.

Coming up on January 1 is our Kielbasa and Kraut Sub Sale and February 4 will be the Superbowl Sunday Sub Sale. Both being planned at St Paul's Cafeteria in Salem from 11:00 A.M. till 4:00 P.M. You'll have to use the Pershing Street entrance in the back.

I would also like to thank our speakers, Bob Winston, our assistant Section Manager, Jim Weaver, our Director of the Great Lakes Division of the ARRL, and Al Hofmann, our speaker at the September meeting, the chief of the Perry Twp. Fire Department.

The Christmas parade is coming up on November 18. Anyone who would like to help out should be at the Salem High School about 5:00 P.M. to get a location. The setup will start around 4:00 P.M. with the parade starting about 6:00 P.M. from E.6th and N. Lincoln to go downtown.

The Club's license Call K8BTP has been renewed for another 10 years thanks to Bob W8HZ our Club's License Trustee.

There is a display of Items to be put in the time capsule, which will be buried in the front yard of the Salem Public Library, and will be dug up in fifty years. We, as a club, have a newsletter, a pamphlet of the clubs history and a membership list along with charter members. The display is located in a couple of windows downtown, which are a couple of windows West of the Community Theater.

There are classes in the area with the Columbiana County Amateur Radio Clubs starting October 9 at 7:00 P.M., running until 9:00 P.M. at the EMA Bldg. a block South of the Courthouse in downtown Lisbon. Classes will end with testing on December 11. The cost for the classes will be the cost of the manual.

SAARA's classes will start on Monday, January 8 at the Salvation Army from 6:00 P.M. until 8:00 P.M..

Mel is tentatively going to have a CD with things about the history of the American flag at the October meeting. We will have nominations of officers in December with elections in January.

Your Prez.

Dave Sprouse N8G0B

Note: new e-mail address n8gob@webqwest.com

==>SOLAR UPDATE

Sun watcher Tad "Tequila Sunrise" Cook, K7RA, Seattle, Washington, reports: The autumnal equinox for the Northern Hemisphere will occur September 23 at 0402 UTC. Fall is generally a better time for HF propagation, except for a lack of sporadic-E skip.

Average daily sunspot numbers rose over the past week by 19 points to 44.3. Geomagnetic conditions were quiet every day. For the next week Geophysical Institute Prague predicts quiet conditions for September 15, then quiet to unsettled on the September 16, unsettled geomagnetic activity on September 17 and 18, then quiet on September 19-21. The US Air Force spaceweather operation predicts planetary A index (a measure of geomagnetic activity) for September 15-21 at 5, 10, 12, 15, 8, 5 and 5.

For more information concerning propagation and an explanation of the numbers used in this bulletin see the ARRL Technical Information Service Propagation page
<<http://www.arrl.org/tis/info/propagation.html>>.

The ARRL Letter Vol. 25, No. 37 September 15, 2006



THE QUESTION ABOUT SAARA'S TRAILER

The face of communications has gone through a lot of changes in the past few years. Amateur Radio has also been a part of that change. If one has been in Amateur Radio for a few years, they can see the changes. It has not been very long ago that most rigs were a lot larger. Now most hand held radios can fit into one's palm without any problem. The older HF models of HF radios were a lot larger then they are now. The older HF radios do not have all the extra bands that the newer ones now enjoy.

Amateur Radio had made a lot of good changes and is still in the process of making more. We now have Echo Link, PSK 31, Packet, RITTY, etc. All of these things have had an effect on Amateur Radio, some good, some not so good. As Amateur Radio continued to change, so did other areas of communications. Along came the internet and the cell phone. Cell phones have become very popular. Most people have one. While there are both plus and minus to cell phones they have given Amateur Radio a blow below the belt. It is very hard to compete against them.

Those that are in the emergency services have also gone through changes in their communications. They now enjoy smaller radios and more powerful, better repeaters than they had a few years ago. They are also equipped with cell phones. They now have portable generators that they can use. Now begins a problem for Amateur Radio. Until these newer products became available to the emergency service people, they did depend on Amateur Radio to help them out.

With the advent of all increases in communications, those in the emergency service feel that they are self-reliant and have no need for outside help. Amateur Radio will be the back up for any back up system they may have. Amateur Radio will be called only when it is an absolute necessity.

In order to meet the past needs of emergency services, S.A.A.R.A. purchased a communications trailer. This trailer was designed to meet the need of any emergency communication that they would need. There is an area for radio communication and an area that was to be setup as a small kitchen, and an area that could be used to hold meetings to discuss any emergency that we would be involved in.

With emergency services feeling secure with the way they are set up, they in all probability will not call on Amateur Radio. While Amateur Radio will be used, in some cases, to help the Red Cross and the Salvation Army, it will be in a shelter or a building somewhere in the affected area. While Amateur Radio is used in parades, and other civic events, the hand-held radio is used with a base station set up somewhere close to the action. The trailer has not been used for these events. The reason that it has not been used is that it is too big to be transported easily. It is used on field day, and the rest of the year it is inactive.

S.A.A.R.A now has to decide what is the best action to take regarding the trailer and the equipment. At the present time it will be costly to finish equipping the trailer to be used as it was designed. We must now decide the future use of the trailer and equipment. Will there be a use for it in the future? Do we use it for storage? Do we sell it, or do whatever? The answer to these questions is not an easy one, as there are most likely not any right or wrong answer. We in the executive positions need to know what the Club feels is the best action to take. Some action needs to be taken so that we may direct the Club in a direction that is best for the Club.

*Bill McClaren, KB8MNE
Vice President*

**"There are only two ways to live your life:
One is as though nothing is a miracle,
The other is as though everything is a miracle.
I believe in the latter."**

-- Albert Einstein

THE ARRL LETTER

VOL. 25, No. 36 SEPTEMBER 8, 2006

The ARRL is the recipient of the 2006 Golden Antenna Award in recognition of the role the League and its members played in providing and supporting emergency communication during the response to Hurricane Katrina. The city of Bad Bentheim, Germany, sponsors the annual award. ARRL Chief Development Officer Mary Hobart, K1MMH, accepted the honor on behalf of the League on August 25.

"It was a honor to represent ARRL and accept the Golden Antenna Award that recognizes the role that hundreds of ARRL members played in the response to Katrina in 2005," Hobart said. "The speeches were generous in their praise of ARRL, and the cameras flashed as Bad Bentheim Mayor Günter Alsmeyer presented the award." The city paid all expenses for Hobart's visit to Germany.

The August 25 presentation took place at formal flag-draped ceremonies in the 12th century Bad Bentheim Castle to kick off the 38th annual Amateur Radio Days. The event is a cooperative venture of the German-Dutch Amateur Radio organization DNAT (Deutsch-Niederländischen Amateurfunker Tage/Duits Nederlands Amateur Treffren) and the Deutscher Amateur Radio Club (DARC).

Hobart said the gracious and generous hospitality of both German and Dutch members of the Amateur Radio fraternity made her visit special. Topping off the weekend was a large flea market that drew hams from both countries and from as far away as Spain.

"Of course bratwurst and beer added flavor to the occasion!" Hobart quipped.

In her remarks during the presentation, Hobart expressed appreciation for the award on behalf of all who helped following Katrina and said she'd find a suitable location to display the award at ARRL Headquarters.

Bad Bentheim has presented The Golden Antenna Award since 1982 to recognize outstanding Amateur Radio public service and humanitarian contributions. A jury of five German and Dutch radio amateurs makes the final selection. The 2005 award went to the Radio Society of Sri Lanka for its performance in the wake of the December 2004 South Asia earthquake and tsunami.

SUITSAT-1 (AO-54), RE-ENTERS EARTH'S ATMOSPHERE

SuitSat-1 (AO-54) is history. The surplus Russian Orlan spacesuit turned satellite, which became one of the greatest public relations vehicles for Amateur Radio in years, re-entered and burned up in Earth's atmosphere Thursday, September 7, at 1600 UTC some 1400 km south-southwest of Western Australia. The announcement came September 8 from Amateur Radio on the International Space Station (ARISS) International Chairman Frank Bauer, KA3HDO. Bauer expressed thanks to "all who made SuitSat-1 the phenomenal event that it was." Launched February 3 during a spacewalk from the ISS, SuitSat-1's 2-meter signal was heard around the world, although at a much weaker signal strength than anticipated.

"Your hard work and dedication paid off," Bauer continued. "In just three weeks the SuitSat team developed and delivered a safe satellite system that has gained the confidence of the international space agencies." Bauer also noted the "unprecedented press coverage" that included more than 9 million hits on the SuitSat-1 Web site <<http://www.suitsat.org>> during February alone as well as several prominent mentions in the general news media.

"Students around the world had the opportunity to participate in a seven-month 'school spacewalk' with the artwork, pictures, signatures and voices onboard," Bauer pointed out. "And the 'super-sleuth' ham radio operator extraordinaires were able to pull a significant amount of data from the satellite, despite its low signal strength."

After SuitSat-1's VHF ham radio payload stopped transmitting earlier this year, AMSAT initiated a "Chicken Little Contest," for participants to guess when SuitSat-1 would deorbit. Winners and more information are on the AMSAT Web site <<http://www.amsat.org/amsat-new/ariss/suitsatContest.php>>.

Bauer said plans for a potential SuitSat-2 will be a discussion topic at the AMSAT/ARISS joint meeting in October <<http://www.amsat.org/amsat-new/symposium/>>.

Commented ARRL ARISS Liaison Rosalie White, K1STO: "This unique satellite lasted longer than anyone ever expected, making the ARISS team proud."

LITTLE KNOWN FACTS

If you look at old paintings sometime, you'll notice something a little different about the buildings and houses from today's. Oh, I don't mean in just the architecture, but another thing. With a few exceptions most of them were not painted. Oh, painting was done by many people, actually as far back as ancient Egypt. Well that's almost as far back as the written records go. We do know that people painted signs, figures on walls, pictures on mats - you know, that kind of thing. But almost never their houses or buildings.

Why? Well, for two reasons. First, there was no paint. At least not a commercial grade and supply. You see back then most paint was made from some natural pigments found in soil, flowers - even gum, believe it or not. But the most common was iron oxide. OK. Let's be less scientific here: rust. Yeah, they used rust.

The truth is that's how most barns got to be red to begin with. It was a combination of skim milk and rust that farmers used for paint. And they didn't paint for decoration purposes, although it certainly helped. It was for warmth. The red paint absorbed the sun and made the barns warmer for the livestock. But again, that was rare.

Nothing really happened until two things came along. First was the development of zinc oxide. Oh, yeah, we weren't going to be scientific were we? OK. White paint. Also, the commercial development of linseed oil. Why? Because that's what is used to suspend the paint particles in. Otherwise you have a lump rather than paint. Now, really that's what Henry Alden noticed: that if you suspended paint particles in linseed oil, you could preserve paint. And he also thought to himself that you could premix paint that way, and in doing so save the customers hours of work mixing paint.

Oh, there was one other thing too. Individuals would often mix their own paint, and because they often mixed paint the way grandma cooked (you know, a dash of this and a dollop of that) the paint seldom came out the exact same color. That meant that one side of your house was kind of a bluish green and the other side of your house was kind of a greenish blue, which naturally caused the neighbors to point laugh and make fun of your new paint job. Henry decided that little problem could be fixed too, by premixing the paint at a factory, which would allow gallon after gallon to be consistent in color and texture.

Did it work? You bet. It literally started a rage of painting. Since Henry did his trick in 1880, darn near everything that could be painted has been. But we thought you like to know It's a Little Known Fact one fellow and his business partner Ed started the whole house painting thing. Before then, it was pretty much unheard of.

Oh, you've heard of Henry and his partner, especially if you've ever had a paint brush in your hand. But they are not just some big paint company. No, these guys started a craze and an industry - one that literally didn't exist before. Henry Alden Sherwin, and Ed Williams. Sherwin Williams paint company, of course.

SWAP 'N SHOP

- 11 slant faced Regency 2 channel mobile type programable business band radios Hi band. \$25 ea.
- 1 Motorola Base upright tube type 35.86 MHz. negotiable
- 2 GE business band Xcvrs w/hand mike
- 4 Sonar Xcvrs 35.82 MHz. (1) w/mike
- 1 computer with printer & monitor \$ 125 obo
- 1 6 Mtr.3 element Beam \$ 75
- 2 Power supply's need repair m.o.
- 2 RCA Xcvrs mo

We would sell all items listed together if interested, but will also sell separately.

Call Dave 330-222-1450 or Bill 330-337-9270

THE EDITOR'S MUSINGS

The Canfield Fair is over signaling the end of Summer. We are now well into September and I'm not ready for cold weather. Most of my tomatoes are still green.

SAARA was represented in the Amateur Radio area at the Canfield Fair with newsletters and brochures. We were able to distribute about fifty brochures to interested Hams. I hope some of these folks come to a meeting and check us out. There was a special event station running throughout the Fair, W8F. Dave N8GOB was the only member to check out the station, and I don't believe he operated. More than 100 contacts were made by Hams who came into the area and did operate. I'm now in the process of sending out certificates to all the Hams who send in an SASE.

California is probably more ready for disasters than any other State in the USA. But then they have more disasters than anyone else. Being ready to provide communications at such a time is one of the five reasons that the FCC has granted us the privilege of using these very valuable frequencies. Since politicians always want more money, and the communications media are waving wads of cash at the government, "our" bands are in danger. We have already lost part of the 220 MHz band, and foreign broadcasters muscle in on 40 meters every night. During the Fair, we had to vacate 20-meters in the evening. The foreign Hams boomed in on top of our Special Event Station transmissions, without regard for who was using that frequency. So this is not just being alarmist. One thing each of us can do is to GET ON THE AIR AND USE WHAT WE HAVE. It is a matter of "Use it or lose it." Modified from the original article by K16WK published in the 9/06 WCARC Intermod.

SAARA had some very good speakers this past quarter. Bob Winston, the ARRL Assistant Section Manager for our area, spoke in July. Unfortunately Al and I were not able to attend that meeting because of my nephew's wedding in NC. Jim Weaver K8JE, the ARRL Director of the Great Lakes Division, spoke in August. He asked for help from local Hams with the Grassroots Legislative Action Program. It is aimed at encouraging ARRL members to contact their members of Congress to urge their co-sponsorship and support of Amateur Radio-related legislation. It also supports the efforts of legislative action volunteers to contact members of Congress directly on behalf of their Amateur Radio constituents. Al Hoffmann, the chief of the Perry Twp. Fire Department, was our speaker in September. He spoke about changes being made in the local Fire Departments, emergency preparedness, and how Hams are able to assist them. He stayed for part of our business meeting and offered ideas for the Trailer.

From August Weaver's Words -

2007 Great Lakes Division Convention - GLD Division Convention Chairman Gary Johnston, K14LA, has announced the next biannual convention will be in Cleveland, OH on September 22, 2007. ARRL President Joel Harrison, W5ZN, will be the main speaker at the banquet and will be seen at other events of the day as well as at the Cleveland Hamfest on September 23. This will be Pres. Harrison's first visit to the Great Lakes Division and Ohio.

A word about convention site selection: As the Director for all three states in the Great Lakes Division, I am very interested in having the biannual Division conventions move around to give all of our members a good opportunity to participate in them. The 2007 offering will be the third since these conventions resumed. So far, offers to host the conventions have come only from Ohio clubs. With Ohio being my adopted home state, I have no personal problem with having every convention in Ohio. On the other hand, as your Director I would

be very pleased to have Kentucky and Michigan clubs step forward to host future conventions. If your group would like to be considered as the sponsor for the 2009 convention, please contact Gary Johnston, K14LA at k14la@arrl.org to learn the requirements.

Phillips Relected Ohio SM - In case you've not heard this, yet, Joe Phillips, K8QOE, of Fairfield, OH was reelected Ohio Section Manager by a good margin. Joe was opposed this year by Mark Erman, N8ME of London, OH. The two candidates fought a vigorous, ethical campaign that brought out a record vote. Good job, guys! Thanks for your interest in making ARRL work.

FCC Issues Final Rule on BPL - The FCC has issued its final rules on BPL. In doing this, it denied the petitions ARRL and others had filed for further review and reconsideration. The League is reviewing possible actions it may take to continue the battle against rules that inappropriately favor the BPL industry. A summary of the FCC action can be found at http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.acc.ess.gpo.gov/2006/pdf/E6-13967.pdf.

Sunday, September 10, Al and I went to the Butler Hamfest. We met some friends from 20/9 at zero-dark-thirty for breakfast at Kings in New Castle. They were also on their way to the Hamfest. One of them was taking items to sell. I think the other two went along to keep him company.

It was very foggy and damp at the Hamfest, and the dampness went right through you. I was glad we wore our jackets and blue jeans. There weren't many people selling Ham gear in any of the venues, and there were a lot of computer items. There were a lot of empty tables in the buildings and empty spaces in the flea market area. I'm wondering if that Hamfest is going downhill like the others have. We saw some other 20/9 members while we were wandering around, and a number of MVARA members, but no one from SAARA.

Al bought some small antenna pieces and I picked up two books which were free! We were certainly not big spenders by any stretch of the imagination. We left early, in time to have lunch at home. No, we didn't win anything.

73, Jane K8JAA



HELPFUL HINTS

Reheat Pizza

Heat up leftover pizza in a non-stick skillet on top of the stove, set heat to med-low and heat till warm. This keeps the crust crispy. No soggy micro pizza. I saw this on the cooking channel and it really works.

Expanding Frosting

When you buy a container of cake frosting from the store, whip it with your mixer for a few minutes. You can double it in size. You get to frost more cake/cupcakes with the same amount. You also eat less sugar/calories per serving.

Reheating refrigerated bread

To warm biscuits, pancakes, or muffins that were refrigerated, place them in a microwave with a cup of water. The increased moisture will keep the food moist and help it reheat faster.

Broken Glass

Use a dry cotton ball to pick up little broken glass pieces of glass the fibers catch ones you can't see!

No More Mosquitoes

Place a dryer sheet in your pocket. It will keep the mosquitoes away.

SAARA Members

Table with 2 columns: Name, Call. Lists members including Allan (AB8AA), Jane (K8JAA), Gary (KD8BVJ), Tony (KD8CJJ), Jennifer (KD8CJI), Mike (KB8WWQ), Ernest (KC8QPH), Ginger (KC8ZFK), Dale (KC8OCG), Elizabeth (KB3DZS), Jeffrey (N3YEA), Melissa (KB3DZR), Mel (KA8OEB), Larry (W8LWL), Bill (KB8MNE), Lela (KB8YPD), Linda (KB8SXQ), Tom (KB8DUX), Dave (N8GOB), Roger (KC8CTV), Dave (KB8NYS), Jack (W8GUO), Dave (KB8NYS), and Frank Zamarelli (Honorary Member).

2005 OFFICERS

President	Dave Sprouse	N8GOB
Vice President	Bill McClaren	KB8MNE
Secretary	Roger Thawley	KC8CTV
Treasurer	Lela McClaren	KB8YPD

Trustee's

1 Yr.	Ernie Greenisen	KB8DUX
1 Yr.	Bill McClaren	KB8MNE
2 Yr.	Ginger Grilli	KC8ZFK

Club Dues Structure

Full Membership	\$15.00/Year
	(Includes immediate family members)
Full Retired	\$12.00/Year
Associate Member	\$10.00/Year
Non-Member Newsletter	\$ 3.00/Year

Join the ARRL through your local ARRL affiliate club. When you do, the club gets \$15.00 for new members. A great way to support our club and have privileges that come with ARRL membership.

OFFICIAL CLUB ADDRESSES

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NEWSLETTER Articles and Submittals

S.A.A.R.A. claims no liability for articles published in this newsletter. The viewpoints in the articles are not considered the viewpoints of S.A.A.R.A. membership.

All submittals for SAARA Speaks must be received by the Editor (k8jaa@arrl.net) or hand delivered no later than December 10, March 10, June 10 or September 10 enabling the newsletters to be mailed and received prior to the months covered by them.

Advertisements for equipment for sale must also adhere to the same schedule. Newsletters are emailed to current members who have email addresses, and mailed to other subscribers, clubs that send newsletters to SAARA and to selected officials.



SAARA
P.O. Box 696
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Address Service Requested

www.qsl.net/saara



One Nation Under God

Columbiana County NETS

Sunday	9:00 P.M. East Liverpool	146.700	Triangle ARC NET
Monday	8:00 P.M. Columbiana County		Columbiana County Emergency Training NET(ARES)
This NET alternates (lowest to highest) between 146.700, 146.775, 146.805, 147.255 and 147.285 repeaters in Columbiana County.			
	8:30 P.M. Bible Study on the Air	147.285	KB8MNE
Tuesday	7:30 P.M. Salem Club Net	147.510 Simplex	Homeland Security Net (last Tuesday of every month)
	9:00 P.M. Salem	K8BTP 147.255	Northern Columbiana County SAARA NET
	9:30 P.M. Salem	KB8MNE 28.310 SSB	SAARA Rag Chew Net
Thursday	8:30 P.M. Alliance	28.400 SSB	Alliance ARC NET
	9:00 P.M. Alliance	145.370	Alliance ARC NET
Saturday	8:00 P.M.	146.805- PL162.2	Skywarn net