

The Wave Bender

December 2013



PRESIDENT'S QST FOR DECEMBER



This is my last QST as President. It has been a lot of FUN and a lot of work getting the club to this point. I will still be on the board as past President. Jane will still be doing the newsletter. I have all the confidence that the new administration will do a great job for the club.

Now we will enter the time that will make or break the future of WRARC. This is the time frame that most organizations fail due to lack of membership involvement. Everyone will have to help the new administration to keep the club moving forward. The only way it will grow and succeed will be by all of us putting in the effort to make it happen.

If you have any ideas for a workshop, an event, someone that has something interesting, or a presentation, give them to one of the board members. The Vice President is responsible for the presentations for the meetings. If you do not want to talk to them just send

an e-mail to ask@wrarc.net your e-mail address is not passed through to the board. If you want to send something to all of the membership use qst@wrarc.net.

Jane and I are looking forward to just being members, however, we will be doing other things that we have had to put off in order to work for the club for the last four years. Now it is up to the new administration to carry the ball.

DUES ARE DUE, PAYABLE BY JANUARY 31, 2014

73, AB8AA



Officer's Meeting: December 15, 7:00 P.M. At the Avnet's (330-549-3051)

Regular Meeting: December 17, 7:00 P.M. Davidson's, 3636 Canfield Rd. in Cornersburgh

Speaker: Roy Scharf KB3ZTO

Topic: Alternative energy



2013 Officers:

President:	Al Avnet, AB8AA	ab8aa@arrl.net
VP: (Appointed)	Joe Wojtowicz, KD8RCC	jtwojo@sbcglobal.net
Secretary:	Jane Avnet, K8JAA	k8jaa@arrl.net
Treasurer:	Maureen Stein, KD8NXS	mfstein@zoominternet.net
Trustees:	Ted Filmer, KD8IJE	efilmer@aol.com
	Roy Haren, KD8IJF	harens@juno.com
	Steve Fabry, KC8SOY	kc8soy@yahoo.com

Appointed Positions:

Social:	Maureen Stein, KD8NXS	mfstein@zoominternet.net
Publicity:	Joe Wojtowicz, KD8RCC	jtwojo@sbcglobal.net
Newsletter/Web:	Jane Avnet K8JAA	k8jaa@arrl.net
Badges::	John Fabry, KC8SPF	JohnnyJukebox@sbcglobal.net

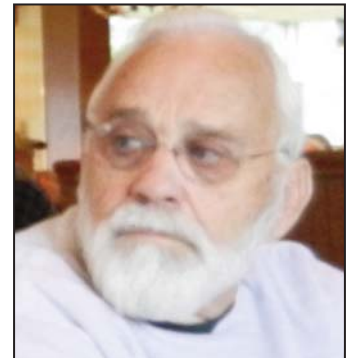
<http://www.wrarc.net/>

ELECTION RESULTS

We had a great turnout at the November meeting for election of officers. I want to congratulate our new officers and I know we will be striving to keep our club strong and growing. We all have a tough act to follow (Al & Jane), but with everyone's cooperation and participation in our meetings and events, we will still be the best club in the valley.

Here is the list of officers for 2014:

President	Roy Haren	KD8IJF	
Vice-president	Joe Wojtowicz	KD8RCC	
Secretary	Kevin Stein	KD8NXR	
Treasurer	Maureen Stein	KD8NXS	second term
Trustees	Steve Fabry	KC8SOY	1-year
	Chris Monske	KD8ELY	2-year
	Harry Harker	KD8PQK	3-year



Thanks to our outgoing officers for making our club what it is today: Al AB8AA & Jane Avnet K8JAA, Ted Filmer KD8IJE, and Robert Webster WR8RW.

73, Roy KD8IJF, President-elect

ELECTION COMMENTS

We have a new board who will take over in January. Thanks to all who ran for office. Special thanks to Ted KD8IJE who was the chair of the nominating committee. Please support these new officers as they lead WRARC for the next two years. Here a related word from the Ohio Section Affiliated Club Coordinator:

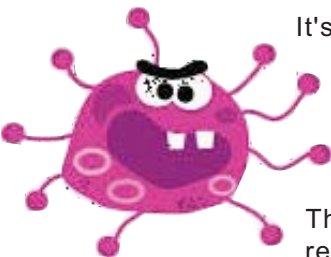
-ed

... Speaking of elections. The hardest job in any club isn't being an officer its being chair of the the election committee. With that in mind hears a shout out to club members statewide. Are you running? Why not? No club anywhere deserves to have a member say, "What YOU need to do is...", or "I don't understand why THEY don't..." Hey, club officers are volunteers, voted help US get things done. There is no YOU or THEY in a club - it is either WE or US or nothing gets done. My hat is off to everyone who takes their turn. Is this the year WE get involved? . . .

73, E. Mike McCardel, KC8YLD
 Affiliated Club Coordinator / ARRL Ohio Section V.P. Educational
 Relations, AMSAT-NA
 kc8yld@arrl.net

We hope you have a truly great holiday, and please don't forget to turn your scales back at least 10 pounds.

IMPORTANT VIRUS WARNING - UPS/Fed Ex/USPS



It's starting to look a lot like Christmas and PACKAGES ARE STARTING TO BE SENT SO.... VIRUSES ARE COMING TOO!!!!

Felt this worth passing along. With the holidays coming up, I can see where this could be a real problem.

The newest virus circulating is the UPS/Fed Ex/USPS Delivery Failure. You will receive an e-mail from UPS, Fed Ex, or USPS along with a packet number. It will say that they were unable to deliver a package sent to you on such-and-such a date. It then asks you to print out the invoice copy attached. DON'T TRY TO PRINT THIS. IT LAUNCHES THE VIRUS! Pass this warning on to all your PC operators at work and home. This virus has caused Millions of dollars in damage in the past few days. Snopes confirms that it is real.

<http://www.snopes.com/computer/virus/ups.asp>

END OF THE YEAR ITEMS



Well, here we are in the midst of the 2013 holiday season. Thanksgiving is now past us and I hope everyone had a very happy Turkey Day. Before we know it Christmas and New Years will be here and that brings us to the end of 2013. I don't know about all of you, but sometimes it seems to me like it just started. The end of the year brings us to two important club events membership renewals and the After the Holidays dinner/meeting/installation/party.

First order of business membership renewals. They are due anywhere from now until the end of January. Regular dues are \$20.00 per person and senior dues (65 & up) are \$16.00. This is for the first person in any household that has multiple persons as club members. Each subsequent person from the same household is \$5.00. You can pay me either in cash or by check made out to the club (Western Reserve Amateur Radio Club). You can give it to me at the December meeting or in January at the party or you can mail it to me at:

Maureen Stein KD8NXS
3088 Southwind Tr.
Poland, Ohio 44514

Next up is the After the Holidays dinner/meeting/installation/party. It is on Sunday, January 12, 2014, at 3:00 P.M. at A La Cart Catering in Canfield. The cost is \$16.25 per person, which includes gratuity. This party is primarily a social event (and installation of officers as well) and is for all family members and other guests you wish to bring. It is in lieu of our regular January meeting night. That will pick up again in February We do need a final count with payments made by January 5. That is when I need to call with the final head count. The club treasury is liable to pay for the number of attendees given on January 5. That is why all payments need to be made by then. Again, payments can be made in cash or checks made out to the club.

You can still sign up on the list and/or give me your payment at the December 17 meeting or you can mail it to me at the above address. You can also call me at 330-757-4963 to be added to the list. If you call and get the voice mail, feel free to leave your info on it and I will get it. I'm usually the only one who checks messages. If calling, please give me your name, call sign, number in your party, and a phone number in case I would have to call you for anything party related. Lastly, there is a certain 4-letter word out there that begins with an "s" that I am really hoping will not present itself that day. I also hope that no phone calls are needed to be made because of it! Enjoy all your holidays!

73, Maureen KD8NXS

2013 WRARC FIELD DAY STANDINGS



We posted a score of 2,192, in class 10A. We placed 5th out of five 10A stations over all. We claimed 212 QSOs, which put us 91st in the Great Lakes Division, which consists of Michigan, Ohio, and Kentucky 236 clubs reporting. We were 836 over all with 2,548 clubs reporting. We were well behind our Mahoning County neighbors who did much better. We will do better at Field Day 2014.

The complete results database can be found at http://www.arrl.org/results-database?event_id=47575

WHAT'S COMMING UP?

- 17 December Meeting - Roy Scharf KB3ZTO - alternative energy
- 18 December Testing at ITT Tech - 6:30 P.M.
- 2014**
- 9 January Extra Class start if there is enough interest - Books ahead of time a must
- 12 January Fourth Annual After the Holidays Dinner/Installation/Meeting/Party
- 22 January No Meeting

WRARC Communications Unit Net Friday Nites 8:00P.M.
145.270, PL -110.9
Net Control will be rotated

Join us for the WRARC Friday night Net 9:00 P.M.
145.270, PL -110.9

Upcoming Net Control Operators

Dec 06	Dave	KC8WY
Dec 13	Chris	KD8ELY
Dec 20	Kevin	KD8NXR
Dec 27	Darrin	N8DMC
Jan 03	Dave	KC8WY
Jan 10	Chris	KD8ELY
Jan 17	Roy	KD8JMO
Jan 24	Dennis	KD8SNA
Jan 31	Joe	KD8RCC
Feb 21	Dennis	KD8SNA



Contact Steve, KC8SOY to take a turn at Net Control
330-774-6346

Ask The Elmer Net Right after the Friday Night Net
KC8SOY Moderator

Mahoning County ARES® Nets

1st Monday 8.30 PM ET W8QLY Repeater - 146.745 (PL 110.9)
&

3rd Monday 8.30 PM ET W8QLY Repeater - 146.745 (PL 110.9)
We thank MVARA for the use of their repeater

W8SGT is facilitating The Ohio HF net every Tuesday - 7:00 PM
The net is run from the State of Ohio EOC on the
Ohio ARES Admin frequency 3875 kHz LSB
moves to 7240 Khz after 20-min.
All are welcome to check in.



The Ohio ARES/OES Digital Emergency Net held every Tuesday at 8:00PM.
held on 3585 kHz USB and 7072 kHz USB.

Please note all digital communications are Upper Side Band.
<http://www.http://ohden.org/> for net details. Net Manager Gary NJ8BB

COLUMBIANA COUNTY DIGITAL NET

Wednesdays 8:30 pm - 9:30 pm
145.510 MHZ SIMPLEX

NBEMS/FLDIGI is being used training on the message handling
capabilities of FLDIGI/FLMSG. Start with BPSK-125 other modes may be used for testing

First Wednesday of the Month Mahoning County Skywarn Net
is held on the W8QLY repeater 146.745 (-) at 8:30P.M.

Thanks & 73

All of our members (and others) look forward (hopefully) to getting this newsletter every month, so keep sending those articles, jokes, and suggestions!

Thanks goes out to this month's contributors; AB8AA, KD8IJF, KD8SNA, KB8UUZ, W8IZC, W8DEC, KD8NXS, N8SY, W5YI, the ARRL and the World-Wide Web.



NEWS

Club reports from Around the Ohio Section..

. . . Western Reserve ARC A club that gets involved with their community they sponsor a Highway Cleanup and supported their local Diabetes Walk. Their General class began November 6 and their Extra class in January. SEC Matt Welch W8DEC joined them during their November meeting. In December their program will be Alternative Energy with Roy Scharf KB3ZTO . . .

73, E. Mike McCardel, KC8YLD

Affiliated Club Coordinator / ARRL Ohio Section V.P. Educational Relations, AMSAT-NA
kc8yld@arrl.net

Hi Gang,

Wow.. I believe that says it all. By now all of you have either heard through official channels or by word of mouth that Frank, KI8GW has decided to step down as Section Manager. I know that he and his family gave this a tremendous amount of thought before announcing this. I am saddened that he has decided to step down, but as life, jobs and family change, grow and require more time than they used to, it forces us to make these very difficult choice. I Have no doubt that this decision came with a lot of thought and consideration for not only Frank and his family, but also the Ohio Section as well. I'm sure that I speak for everyone in the Ohio Section when I say that we do understand your decision Frank. Thank you so much for the years of dedication and leadership that you have provided. I will try to live up to your (and the Ohio Section's) expectations when I take the reins over at the first of the year.



On another note.. Please, please watch out for spam messages. There seems to be a new one out now that the holidays are upon us. It is mimicking a notice that you have a package coming. They have made it look like the FedEx and/or the UPS tracking sites to try to fool you. They then put a "zip" file in this email and direct you to open it up to see the tracking. Once you open the "zip" file a worm/virus takes over control of your computer and uploads every file in your computer to a mystery location. You can't stop it once it starts. What you can do however is to immediately cut the internet connection. Yank out the cord as quickly as possible. The faster you do this, the less information that actually gets uploaded. There's no stopping the program from dumping all your files, but at least it won't be out on the internet if you cut the cord.

Now, as soon as that is completed, these folks send you an email demanding money to now unlock your computer. DON'T GIVE IN TO THEM. This is how they actually get a working credit card / debit card (yes, they will even take a debit card) and off they go shopping around the world at your expense, and you are left with absolutely nothing. Not even a working computer, as it's now all locked up.

What's the recourse? None, once you open up that "zip" file. If you did give them a credit card / debit card they now have the ability to spend at will, and they have been doing just that around Northeastern Ohio! Please be very careful when opening up ANY emails, especially those that you do not recognize the address of. And yes, please be on guard for any emails telling or directing you to open up any attachments. This is how the worm/virus takes control. You actually get it started for them when you open that attached file. If in doubt of the person sending the email, delete it.

Always have your virus protection up-to-date to help prevent getting emails like this. But, even though you may have the best virus protection available to you, there is still a possibility that you will get a virus/worm in your computer, I did. Always have your computer backed up so in case you do get something that you don't want, you at least have a chance to survive it.

73, Scott Yonally, N8SY
Assistant Section Manager
n8sy@arrl.net

ARRL Ohio Section
Section Manager: Frank Piper, KI8GW
ki8gw@arrl.org

OHIO SEC NOTES & STUFF - WEEK 48 - 2013, THANKSGIVING EDITION

Greetings and salutations. I trust everyone had a nice Thanksgiving. My Thanksgiving was pretty good, actually. I got up early Thanksgiving morning and traveled to downtown Akron for a public service event. I believe this is my fifth year volunteering with the Cuyahoga Falls Amateur Radio Club for the Gennesaret Homerun for the Homeless. I am pretty sure this is my third year as the Net Control Station. The event is a 1 mile fun run followed by a 4-mile run consisting of 4,500 runners. Not to mention it's 18 degrees outside. While some of the runners wore gorilla suits, banana man outfits, and turkey hats, others were wearing shorts and T-shirts! I did say it was 18 degrees, right? Well, I didn't feel the cold as I was drinking my delicious cup of coffee and eating my scrumptious original glazed doughnut from Krispy Kremes in my nice warm vehicle all while maintaining good order and discipline on the two-meter net. Hee hee. All kidding aside, it's always a fun time and I enjoy donating my time for such a worthy cause.

I had a great feast thanks to a special someone. The dinner was fantastic! But I also took a silent moment to remember those defending this great Nation against all enemies foreign and domestic. I took a silent moment to remember the brave men and women of the US Armed Forces who could not come home to their families. For many years, my military career kept me from coming home for the holidays. I know what it's like to stand a post on Thanksgiving. It's only right and fair I take a moment to thank them.


Ladies and gentlemen, I do not need a holiday like Thanksgiving to be thankful. I am grateful every day for the time and effort you put into this amazing program called ARES. But most of all, I am very thankful for my family and friends. I do not know what I would do without them.




Well, that's all I have for this week. I saved the announcements for next week. Have a nice weekend.

73 de Matt W8DEC
 Matthew Welch W8DEC
 Ohio Section Emergency Coordinator
 ARRL - The national association for AMATEUR RADIO™
 w8dec@arrl.net
 440-585-7388

I came across this nice website where you can easily measure distances on your lot: www.findlotsize.com. It's fun to move markers around and see what you can fit in different parts of your lot and in different directions. Street address and zipcode is all that is needed, and it'll show a photo of your property from the air.




Kevin Goodman, KF8OG,
 became a Silent Key
 Friday, November 1, 2014.
 Kevin was a friend to all
 Hams in this area.



"Be yourself; everyone else is already taken."
 -- Oscar Wilde

**EXTRA CLASS STARTING
 THURSDAY, JANUARY 9, 2014
 TO RESERVE A SPOT
 AND GET THE BOOK CALL
 AL 330-549-3051**



SKYWARN RECOGNITION DAY, SATURDAY, DECEMBER 7, 1400 UNTIL 2300 UTC.

WX4NHC (<http://www2.fiu.edu/orgs/w4ehw/>), the Amateur Radio Station at the National Hurricane Center (NHC - <http://www.nhc.noaa.gov/>) in Miami, will be on the air for SKYWARN (<http://www.skywarn.org/>) Recognition Day, Saturday, December 7, 1400 until 2300 UTC. Hurricane season officially ends today.

"This will be our 15th year of participation in the SRD, and our 33rd year of public service at NHC," said Julio Ripoll, WD4R, the WX4NHC Amateur Radio assistant coordinator. "The purpose of this event is to test the Amateur Radio Station operations and equipment between NWS Office nationwide and is sponsored by NOAA (<http://www.wrh.noaa.gov/mtr/hamradio/>). This event is excellent practice for ham radio operators as well as NWS staff to become familiar with the unique communication skills available during times of severe weather. It is also a fun event."



WX4NHC will take advantage of the occasion to conduct operator training. The station will make contacts on various frequencies and modes, to exchange signal reports and basic weather data, such as "sunny" or "rainy" between WX4NHC, ham stations at other NWS offices, and stations throughout the US.

WX4NHC will be on HF, VHF, UHF, APRS (2 meters and 30 meters), and WinLink (<http://www.winlink.org/>) (subject should contain //WL2K). "We will try to stay on the recognized Hurricane Watch Net (HWN) frequency 14.325 MHz most of the time and announce when we QSY," Ripoll said.

Ripoll said that due to space and equipment limitations at the NHC, plans call for having two to three operators on duty per shift. "We cannot be everywhere and on every mode at the same time," he explained. "You may be able to find us on HF by using one of the DX spotting networks, such as the DX Summit (<http://www.dxsummit.fi/Search.aspx>) website."

WX4NHC operators also will be active on the VoIP (<http://www.voipwx.net/>) Hurricane Net, from 2100 until 2300 UTC (IRLP node 9219 / EchoLink WX-TALK Conference node 7203). South Florida area VHF and UHF repeaters will be part of the mix as well.

QSL cards are available via WD4R, with an SASE. Do not send QSLs directly to the National Hurricane Center. Due to security measures, no visitors will be allowed in the NHC without prior clearance from the NHC PIO and Security. Only WX4NHC operators on the approved operating schedule will be allowed entry.

EXCERPTS FROM WEAVER'S WORDS**National SKYWARN Recognition Day this Weekend**

From 0000z through 2400z December 7, over 75 National Weather Service (NWS) offices throughout the US are scheduled to participate in the 1914 edition of National Skywarn Recognition Day(TM). During the 24-hour period, radio amateurs will operate stations that largely use call signs issued to local NWS offices for amateur stations at the offices. The stations are staffed by radio amateur volunteers and provide net control service during weather emergencies and emergency training. Contacts with amateurs throughout the world are invited. QSLs will be available from a most of the NWS stations.

To help commemorate the time of the attack on Pearl Harbor by Japan on December 7, 1941, NWS stations will include the wording, "Conditions at Pearl Harbor on December 7, 1941, were mostly sunny and 75 degrees." Otherwise, exchanges from these stations will include the local weather conditions. NWS stations in the Great Lakes Division that are scheduled to participate in this event are the Grand Rapids and Detroit, MI; Wilmington, OH and Louisville, KY offices. The operations will occur on UHF/VHF and HF amateur bands using SSB, CW, RTTY and other modes, as well as IRLP and echolink, depending on the office.

For a listing of NWS offices scheduled to participate, and the bands, modes and additional details of their participation, go to http://www.wrh.noaa.gov/mtr/hamradio/participating_offices.php.

It might be interesting to see how many stations one can contact during the 24-hour period of this special event.

ARRL Centennial Celebration runs throughout 2014*Continued page 9*

WEAVER'S WORDS - CONTINUED FROM PAGE 8

In case the news has been missed, ARRL will be 100 years old in 2014. As many readers know, ARRL was founded in 1914 by Hiram Percy Maxim. Although he probably used a number of call signs (before there was a Federal agency that issued them), he is best remembered as 1AW and W1AW. The main ARRL HQ station, of course, is licensed as W1AW. A little background on Maxim who was a man of all trades:

HP was a consummate inventor, writer and hunter who detested noise. As a consequence, one of his inventions was the "silencer" which was put to work silencing the guns he used in hunting, as well as any number of items including entire factories. Interestingly, his father Hiram Maxim invented a major noise maker -- the Maxim machine gun -- that has wreaked so much havoc beginning with WW 1. Among the uses of the silencer today is the muffler for internal combustion engines. He also vied with Henry Ford in the early days of the development of the automobile.

Back to the organization Hiram Percy spawned. Keep watching QST, the ARRL Letter and the ARRL web site for information on a series of on-air events, regional conventions and a national convention like no other national convention ever held for radio amateurs. The centennial national convention will be held the middle of July in Hartford, CT where ARRL was born. If you are considering a vacation and can make it to the east coast, the activities that will wrap around the convention will make it a place to be. Stay tuned!

Its My Tenth Christmas

It is well before Christmas when as I write this item. As I was thinking of putting a few words down, I began to think that thanks to the support of many of you, I have been doing this for quite some time. This will be my 10th Christmas as Director of the Great Lakes Division. To be sure, I will have been Director for 11 years on January 1, but this will be the 10th Christmas -- and New Year.

Throughout these years, I have put together quite a number of words each month in what I hesitatingly call "Weaver's Words." Of course, these have not been only my words each month. Fairly often I have borrowed a few words from other sources when I thought this was the best way to handle the message. I always credited the source for material that I quoted.

I particularly appreciate your most gifted Vice Director, Dale Williams, WA8EFK, who has contributed to each of these monthly tomes throughout 2013. (Dale has proven to be a great help to me, and therefore to you, in many ways.)

But, I digress from my message for the season. The Christmas season as I view it has nothing to do with Black Friday or lots of food or gifts or vacations that many of us enjoy. To me the characteristics that most represent the season are our willingness to share with others, to help people who are in difficult situations, to show our intrinsic love for our fellow humans and to show respect for the life forms that seem to be here on this planet to serve us "higher" beings. To a large extent, I believe these characteristics are pretty much embodied in the true nature of Amateur Radio. To be sure, these characteristics unfortunately seem to be lost occasionally. This occurs especially in DX pile-ups when the more sinister edge of human nature raises its ugly head. When this happens, I am thankful for the vast majority of calm operators who choose not to enter into the name-calling and QRMing assault that occurs between combatants who are selfishly motivated.

In the greatest extent, most hams are thoughtful, helpful people -- prone to overlooking occasional indiscretions of others. I am thankful for these level-headed colleagues.

But, I am still digressing. The real message here is that I wish each of you and your families the very best at Christmas and Hanukah, and in the New Year. May 2014 bring nothing but good to you and your families . . . and to Amateur Radio.

* * * * *
MERRY CHRISTMAS
&
HAPPY NEW YEAR
* * * * *



OH THOSE EMAILS!

Subject: Kids Lip-Syncing A Wonderful Christmas Song

<http://www.flixy.com/kids-lip-syncing-a-wonderful-christmas-song.htm>

You gotta watch this hilarious, sweet little lip syncing Christmas song. Wait for the bass 'singer' - he is an absolute riot!

GRANDMAS ARE SMART

I was out walking with my grandson. He picked up something off of the ground and started to put it in his mouth. I took the item away from him and I asked him not to do that.

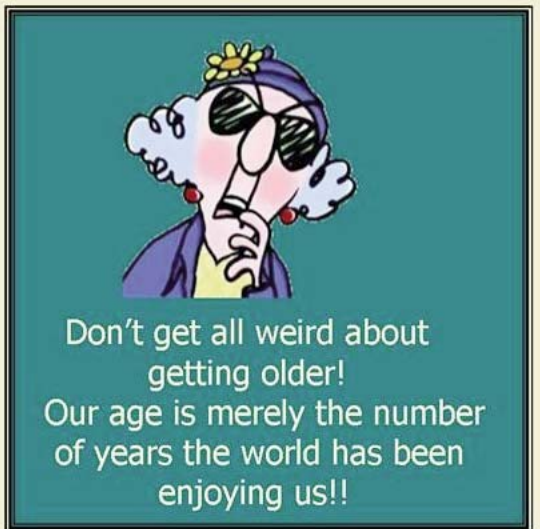
"Why?" my grandson asked.

"Because it's been on the ground; you don't know where it's been, it's dirty, and probably has germs. Sometimes germs make little boys sick and not feel good" I replied.

At this point, my grandson looked at me with total admiration and asked, "Grandma, how do you know all this stuff? You are so smart."

I was thinking quickly and said to him, "All Grandmas know stuff. It's on the Grandma Test. You have to know it, or they don't let you be a Grandma."

We walked along in silence for 2 or 3 minutes, but he was evidently pondering this new information. "Oh...I get it! He beamed, so if you don't pass the test you have to be the Grandpa." "Exactly," I replied with a big smile on my face.



WE DON'T NEED NO STEENKING GROUNDS !

My former neighbor. Rooftop antenna on a tripod..and poor ground.

One solid hit and antenna and tripod ended up 50 ft from the house..

But the wiring started the attic to burn.. The rest is history..and an empty lot !



Jack & Joan Twaddle

December 2013



<p>1</p> <p>Happy Birthday </p> <p>KD8STJ</p> <p>Happy Birthday </p> <p>KC8PD</p>	<p>2</p>	<p>3</p>	<p>4</p> <p>Skywarn Net 8:30 P.M. 146.745</p>	<p>5</p>	<p>6</p> <p>Comm Unit net 8:00 PM 145.270 WRARC Net 9:00PM 145.270</p>	<p>7</p>
<p>8</p> <p>Happy Birthday </p> <p>KB3WPD</p>	<p>9</p> <p>ARES Net 8:30 PM 146.745 PL 110.9</p>	<p>10</p> <p>Eat'n Park Boardman 8:30 A.M. Ham Community Breakfas</p>	<p>11</p>	<p>12</p> <p>Happy Birthday </p> <p>KB8QDZ</p>	<p>13</p> <p>Comm Unit net 8:00 PM 145.270 WRARC Net 9:00PM 145.270</p>	<p>14</p>
<p>15</p> <p>WRARC Board Meeting 7:00 P.M</p>	<p>16</p>	<p>17 WRARC Meeting 7:00P.M</p> <p>Happy Birthday </p> <p>KD8SEV</p> <p>Happy Birthday </p> <p>KD8UKA</p>	<p>18</p> <p>Testing @ ITT 6:30P.M. All Classes</p> 	<p>19</p>	<p>20</p> <p>Comm Unit net 8:00 PM 145.270 WRARC Net 9:00PM 145.270</p>	<p>21</p> 
<p>22</p>	<p>23</p> <p>ARES Net 8:30 PM 146.745 PL 110.9</p>	<p>24</p> <p>Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast</p>	<p>25</p> 	<p>26</p>	<p>27</p> <p>Comm Unit net 8:00 PM 145.270 WRARC Net 9:00PM 145.270</p>	<p>28</p>  <p>Wave Bender Articles Due</p>
<p>29</p>	<p>30</p> <p>Happy Birthday </p> <p>KA8TZX</p>	<p>31</p>	<p>1/1</p> <p>2014</p> 	<p>1/2</p>	<p>1/3</p> <p>Comm Unit net 8:00 PM 145.270 WRARC Net 9:00PM 145.270</p>	<p>1/4</p>