



## Q5er – The Official Newsletter of the Skyview Radio Society

### Riley Hollingsworth visits Uniontown (W3PIE) Challenges Us to Help Grow Amateur Radio

Uniontown, PA - Atlantic Division Vice-Director Riley Hollingsworth paid a visit to the Uniontown Amateur Radio Club's special meeting on Wednesday, May 2. The meeting was moved from the W3PIE clubhouse to the Connellsville Airport on Rt. 119 north of Uniontown. More than 35 hams were in attendance.

Riley, who served more than 40 years with the Federal Communications Commission, lives in Gettysburg, PA, and has been a ham since the early 60s. He's seen Ham Radio as a young novice, General, FCC Enforcement employee and finally as a member of the ARRL management team. So, who would be better qualified to discuss the dynamics of our hobby and the engines of the ARRL and FCC and how they work together.



Mr. Hollingsworth spoke to the group about how the ARRL is paramount to preserving Amateur Radio. Speaking from his former viewpoint at the FCC, he recalled how BPL (Broadband Over Power Lines) would have been enabled had the ARRL not fought it tooth and nail. And BPL, according to Riley, would have wrecked the HF bands and made HF unusable. That would have been the end of the service because without HF, hams would lose interest in the remaining spectrum.

Again, speaking from his unique perspective as a life-long ham, an FCC enforcement bureau official and not an ARRL officer, he emphasized that the ARRL cannot survive without increasing

**CONTINUED ON PAGE 5**

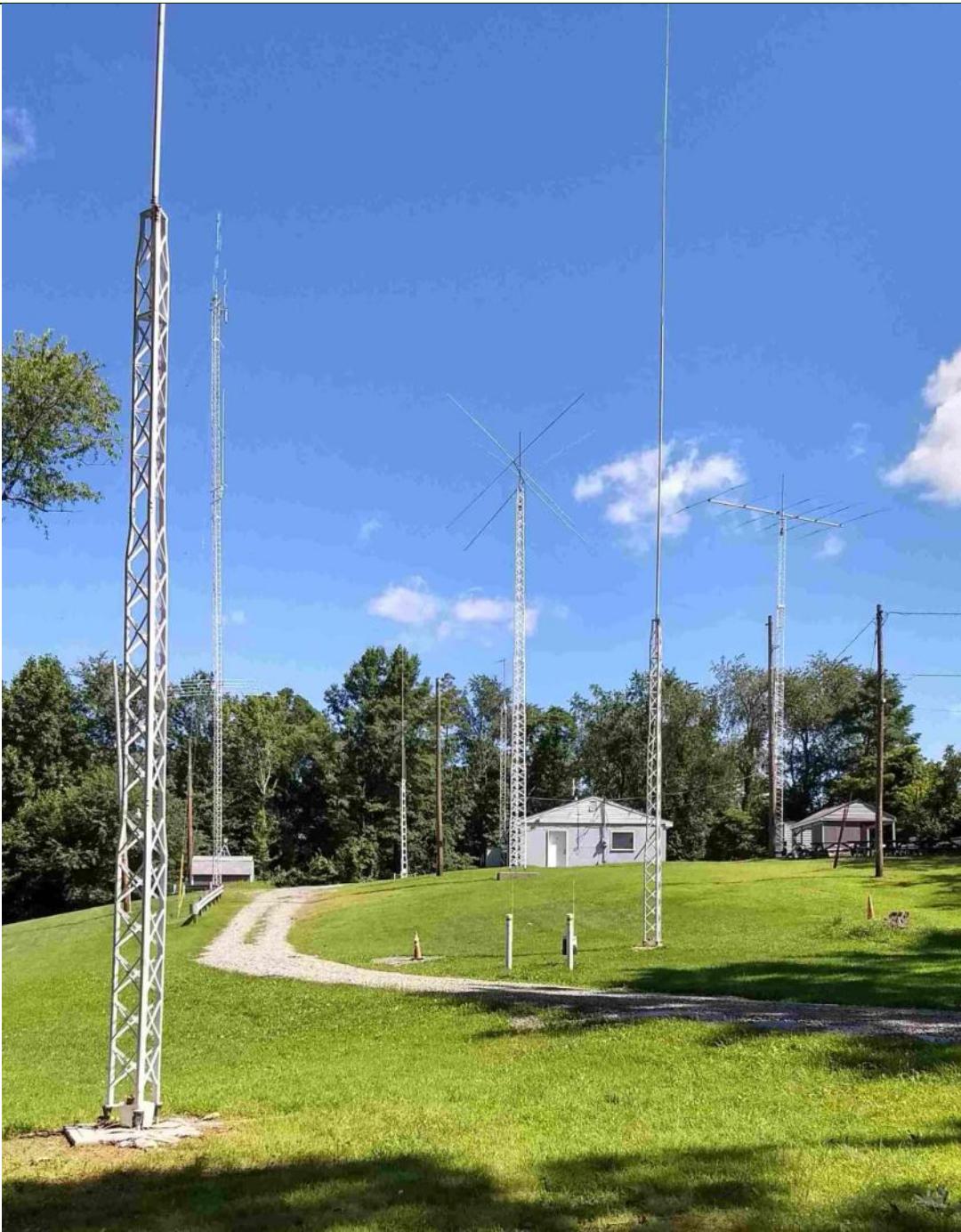
**June 1, 2018**

- Riley Hollingsworth
- .....
- .....
- .....
- .....
- .....
- And More .....

**Sunspots?  
I don't need no  
stinkin Sunspots.  
I have 40 meters  
and 80 Meters.**

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## **The Skyview Radio Society Clubhouse is the “Every Tuesday Place” . . .**

Something is going on at ‘the joint’ each and every Tuesday evening, from about 1900 hours to whenever.

See the general schedule of Tuesday events on the Skyview Web Page: <http://www.skyviewradio.net>

For the latest up-to-date plan, check the Yahoo Reflector: <https://groups.yahoo.com/neo/groups/K3MJW>  
(You must be logged into your personal Yahoo Account to get into the Skyview Yahoo Reflector )

Directions are on: <http://www.skyviewradio.net>

Guests are always welcome !!

**From the Editor**

This issue is all reader submitted material.

I did not have any content to add to this issue.

I hope that you enjoy this issue.

Jody—K3JZD

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**ARES/RACES Report**

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de Rich - WQ3Q



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### Riley Hollingsworth (continued from Page 1)

its membership. It was pointed out by Joe Shupienis, W3BC, the Western Pennsylvania Section Manager, that ARRL membership is close to 20 per cent of the general ham population. When you figure in that probably 30-40 per cent of licensed amateurs are not active, ARRL membership statistics appear more favorable. But the ham population is aging quickly. Riley showed a recent QST magazine's Silent Keys page, which now is a WHOLE page! The average age of our US ham population is 62 and increasing. The baby-boomers are dying off, and once gone, there aren't enough new hams coming into the hobby to replace them.

This has been a concern for 3 decades. This was a driver behind the no-code Technician license being established in 1991 by the FCC. The VEC corps certainly do well in administering tests in the field, and each club drives this process. However, the real challenge, according to Mr. Hollingsworth, is how do we get these folks to get on the air, advance through to General and Extra Class? Joining the ARRL? Mentoring?



Riley repeatedly talked of Field Day as "the operating highlight of the year." Setting up remotely and demonstrating our capabilities is one way to get our newly licensed hams involved. No matter what class license one has, with the presence of an Extra, General or Advanced class amateur as a control operator, everyone can participate in Field Day and enjoy the thrill of HF communications. The efforts to drive this is so important to our future.

Through the efforts of the VECs and clubs the ranks of licensed amateurs continues to grow. But, studies have shown that newly licensed Technician Class hams don't get on the air, and in many cases the VE teams don't follow up with these folks.. We need to increase our efforts to get these newly licensed hams active. Riley challenged the clubs and Elmers to continue to help grow the hobby.

After his talk, Riley opened the meeting to Questions and Answers. Riley challenged the audience: How to we attract more young people to the hobby? What roles can our clubs take to help accomplish this? Who has suggestions? Best practices?

Mr. Hollingsworth was at the top of his game. It was a night and a worthwhile trip to the Southern tip of Western Pennsylvania.

de Mike - K3FH

## Tales from under the bonnet

de Bob - WC3O

Working on cars for a living gives a person a lot of experience on what to do, and what not to do. I thought I would write about something I see people do at the club that makes me just shiver. It involves our good friend the Phillips screwdriver. Over the years I have tried to obtain a nice collection of tools for us to work with at the club. Knowingly destroying them is a disrespect to those that just wanted YOU to have the right tool for the right job.

I don't know who it was that first noted that man is the first animal to learn how to use tools. It was, however, Tim the Tool Man Tayler that noted that man is also the first animal to learn how to borrow tools!

Anywho, back to Phillips screw heads. Actually, there are any number of screw heads that get called Phillips screws, but are not. Phillip's, PoziDriv, ARC and others. They all look similar, but different. Check out the Wiki page on Phillips for lots more info. Most of the time when working on radios we do run into Phillips screws. They come in a number of sizes that go from #0, 1, 2, 3 and... The bigger the number the bigger the screw head. At the club we have #0, 1, 2, and #3 Phillips screwdrivers ready to do what you need. One thing that drives me crazy is watching someone working with a #1 screwdriver taking out #2 screws. Why? It does three things.

- It messes up the screw head
- It messes up the screwdriver
- It messes up the screwdriver for the next poor bastard that may need a screw driver with a tip in good condition to remove a rusted screw!

Have you been to the hamfest and looking at a used radio? You look and see all the screws in the case look like they've been through the war! What the hell happened to this poor thing? That was because some shmo went to work on the radio with a worn-out, beat-up, destroyed, wrong sized screw driver. I hate that.

How do you tell which is the right screwdriver? Easy

Grab all the screwdrivers that you think you might need and fit them to the head of the screw. The tip should fit tight. It should not rotate within the head of the screw. If the tip fits right you should be able to stand the screwdriver straight up and it will stay there. If it rotates, move to the next larger size. If it doesn't bottom in the head, move to the next smaller size. It will very likely be a #1 or #2. If it is weeee small it is likely a #0. How hard was that?

Inspect the screwdrivers that you have. Do the wings on the blade narrow out at the tip to almost a knife edge? Replace the damn thing! Why cause yourself grief and aggravation over a stupid screwdriver! Just replace it. Trust me.

### Some tips from your old Uncle Bob:



Let's say you have a badly rusted Phillips (or similar) screw that you need to remove. Don't just push the screwdriver into the rusted head and hope for the best. First, get a pick with a fine point and work the rust out of the screw head. Blow it out and scratch some more. Scratch until you're removed as much rust that is going to come out. THEN put your screw driver into the screw. MUCH more grip. Once you've "cammed out" the screw head, you're doomed. Scratch the rust out before you even try.

A trick my father taught me - Let's say you have a rusted



Philips screw that you have serious concerns about being able to remove. Do the scratch thing first. Then put a dab of "valve grinding compound" on the tip of the screwdriver. Lightly tap the screwdriver into the head of the screw and give it a try. It does wonders. Valve grinding compound is available at most car parts stores. Comes in a tube. Same with rusty bolts. Put some compound on the inside of the socket, then try it. Trust me.

After close to 40 years of working on God-forsaken cars



what is my absolute favorite penetrating oil? WD40? Nope – PB Baster? Nope. My hands down fav is good old-fashion automatic transmission fluid. New, used, it don't matter. Put some in a squirt bottle and give it a try. Hands down I like it the best.

Always always ALWAYS use anti-seize on stainless steel hardware. No excuses.

We were talking about all the Phillips look-alikes? At the shop I have a set of Phillips, a set of Pozidriv and a set of ARCs. The right tool for the right job. If not, the only one you're screwing is yourself.

That's what I thinks anyways.

Your Radio Officer and tool guy

DE WC3O

Ham Radio is a  
Contact Sport

## Doing “Something” is Not a Good Approach

de Mike - K3FH

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A popular phrase on the news these days is “we have to do something....” to fix a problem. Doing “something” is desperation, fixing the problem, really studying and researching possible solutions, and implementing solutions, is REALLY fixing the problem! When you are just “doing something” you’re not putting the goal or objective first.

In Uniontown recently, I was listening to Riley Hollingsworth warning of the ultimate demise of ham radio if we don’t engage a younger population. He mentioned the average age of ham radio licensees is now 62. And probably more hams are members of AARP than ARRL! Believe me, any group of our civilization with an average age in the 60s is not long for survival unless changes are made.

My training as an engineer included multiple approaches to problem-solving. I started as a field engineer. My responsibilities were to install, start-up and then turn over electrical equipment to our customer. Also, I frequently trained operators, engineers and maintenance personnel so they could ensure safe operation and maintenance of the system. I also worked as a trainer in a more formal setting. In these positions I always put objectives, or goals, ahead of everything else. There are “nice to know” or “nice to do” tasks or potential solutions one may apply. But finding the root causes of a problem, coming up with a magic formula or recipe is much more difficult. YOU MUST start with objectives!

SO where am I going with all of this!

As radio amateurs we must bear some responsibility to advance the art, to provide continuity, to ensure ham radio still exists after we’ve moved on. But “doing something” doesn’t attack the problem. We need to find multiple solutions. Rarely, if ever, is any problem corrected by a single solution. Problems aren’t created by a single cause, and multiple causes can’t be fixed by “doing something” or even multiple “somethings” without a formal and disciplined approach.

You might think I’ve got answers? Well, I don’t even have all the questions which need to be addressed. I don’t even know “what I don’t know.”

But what I do know is within Skyview Radio Society, as within every “mature” club, there are lots of ideas which should be explored. All we can do is work within OUR organization! How does Skyview attract, develop and nurture future ham radio operators? I suspect it will be much like making maple syrup from sap. It’s not about getting people licensed. We already proved we can train and graduate hams who can pass the FCC exam.

No, the real objective is to produce hams who will get on the air, stick with it, advance their knowledge, license class and activity level in a sustainable way. Without this sustained level of activity in greater numbers we are doomed.

I’ve got some ideas, but they’re just MY ideas. What are yours?

de Mike K3FH

## Ham Ads Accepted

Have you bought some new equipment and need to sell something to make some room in the shack?

First try the real-time K3MJW Yahoo Reflector .

If that does not work for you, or if you want to include pictures, you can advertise here.

This newsletter goes out to other clubs and is also available to anyone who wants to go to the web site to get it. So, you may reach a larger audience.

Submit to : K3JZD AT ARRL DOT NET

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## Newsletter Fillers ??

While I will put some stuff in here that I have found in another club's newsletter or on the Internet, I would prefer to put your stuff in here instead.

I am always happy to get articles which discuss your opinion on some new radio, antenna, or other ham gear that you have purchased. I am not looking for QST type technical dissertations - I am looking for operating experiences with it. What's great? What's good? What is not so great?

I am always happy to get your pictures: Shacks, radios, mobile setups, antennas, customizations, etc.

Lots of new folks will benefit from you sharing your experiences.

**Antennas, Trees, and XYs**

de Chuck - K3CLT

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Some photos of the tree removal at my house. My wire for my loop antenna was going right through the trees and the wife was worried that the trees might fall over.

I took the loop antenna down, then put it back up after the trees were down. I have to move the one insulator out a little on the left side to take some sag out of that side.

de Chuck - K3CLT



I saved this space for  
YOU

But, I did not get anything from  
YOU

But, I will hold it open for  
YOU  
to use in the next issue

Submissions to : K3JZD AT ARRL DOT NET

**Skyview Radio Society Roster as of 31MAR18**

NM3A	WA3HGW	N2MA	K3RW
KC3AY	KA3HPM	K3MJ	KA3RXY
NA0B	KC3HRO	K3MRN	KQ3S
N3BPB	KB3HXP	N3MRU	KD4SBJ
W3BUW	KC3IIO	KG4MSB	KB3SEU
KC3CBQ	W3IU	KB3NSH	KB3SOU
K3CLT	KC3JBS	AJ3O	K3STL
KC3DIA	N3JLR	AK3O	KB3SVJ
KC3EJC	KA3JOU	WC3O	N3TIN
AB3ER	N3JPB	K3OFX(sk)	W3TLN
KC3EVT	ND3JR	K3OGN	N3TTE
KB3EYY	KC3JSF	KB3OMB	AG3U
KC3FEI	KB3JXG	KR3P	K3VRU
K3FH	KC3JXO	NK3P	W3VYK
K3FKI	K3JZD	W3PRL	N3WAV
KC3FWD	KC3KEI	AE8Q	K3WKP
N2GBR	WA3KFS	WQ3Q	N3WMC
KC3GIL	KB3KHR	NJ3R	W3WTJ
KC3GIN	AC0KK	KB3RBV	KB3YJQ
AB3GY	W4KV	N3RHT	W3YNI
KC3GZW	WA3LCY	K3RMB	
WD3HAY	KC3LHW	W3RRK	
KB3HGJ	AB3LS	I2RTF	

Notes: Only Call Signs are being published. Refer to QRZ.COM for more information. (Unable to publish those without Call Signs. )

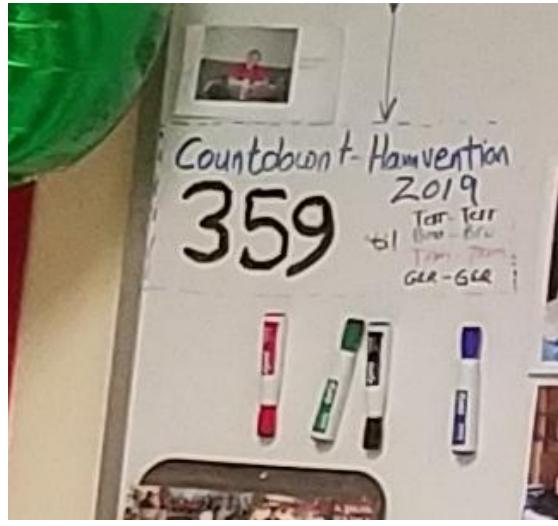


**Skyview Steak Dinner      All Photos de Chuck - K3CLT**



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## Cell Phones and Ham Radio

**"Cell Phones allow you to talk to your friends.**

**However, Ham Radio allows you to make new friends."**

Ashton Feller - KD9HRG - Age 13  
(From June 2017 CQ Magazine)

## \*\*\*\* Skyview VE Testing \*\*\*\*

**For EVERYTHING that you need to know, go to:**  
<https://www.facebook.com/SkyviewRadioSocietyHamRadioTesting/>

**(This will tell you what you need to bring with you)**

Skyview Radio Society Contact person: Bob Worek, AG3U  
e-mail: ag3u at arrl.net 724-410-1028

Location: Skyview Radio Society clubhouse. 2335 Turkey Ridge Road. New Kensington, PA 15068.

Directions, and map are on  
<http://www.Skyviewradio.net>

Please schedule in advance. While walk-ins accepted,

## >>>> WARNING <<<<<

A new Alarm System has been installed up at the joint. Do Not go in there on your own until you learn how to disarm and rearm it.

## Welcome New Members !!

Welcome the following Skyview Radio Society Members who have joined us since publishing the April newsletter:

KC3LHW - Chip Becker  
KB3SEU - Dennis Popp

If you are a reader who is interested in becoming a member, then go to: <http://www.skyviewradio.net/> for information.

If you are a reader who is not yet a ham, and you are interested in becoming a ham, , then go to: <http://www.skyviewradio.net/> for information.

## Become Well Known Publish in the Q5er

**The Q5er goes to other clubs and is available to all on our web site.**

**Submissions to : K3JZD AT ARRL DOT NET**

## Kul - Links

Jody - K3JZD

There is lots of stuff out on the Internet... Some of it can brighten your day. Some of it can educate you.

I can't really copy and past it all in here. But, I can point you at some of it . . . .

I came upon an NBC video regarding Amateur Radio as an Emergency Communication tool. It was created after the false alarm Nuke scare in January 2018. It is interesting and positive story on the utility of Amateur Radio for EComm uses.

de John - KB3SVJ

<https://tinyurl.com/ecommfeb2018NBC>

I'll consider any Kul - Links that you find.  
Email then to me at: K3JZD AT ARRL DOT NET  
They might just end up in the next issue

## Issue Wrap-up

I'm sure that you skipped over some of the stuff that you were not really interested in. Hopefully there was enough in here to make it worth opening.

This issue is a bit thinner than the last few issues have been . But, I have used everything that I have received.

As usual, not much real club boilerplate or timely club news in here. The club web page, the club Facebook page, and the K3MJW Yahoo reflector all have the basic club info and more timely club news. This newsletter is really for 'all else'. So, send me your 'all else' stuff.

Jody - K3JZD

## Previous Issues

Previous Issues of the Q5er are available at

<http://www.nelis.net>

**Next Newsletter will be August 1, 2018  
Closing Date For Submissions : July 15, 2018**

K3JZD AT ARRL DOT NET

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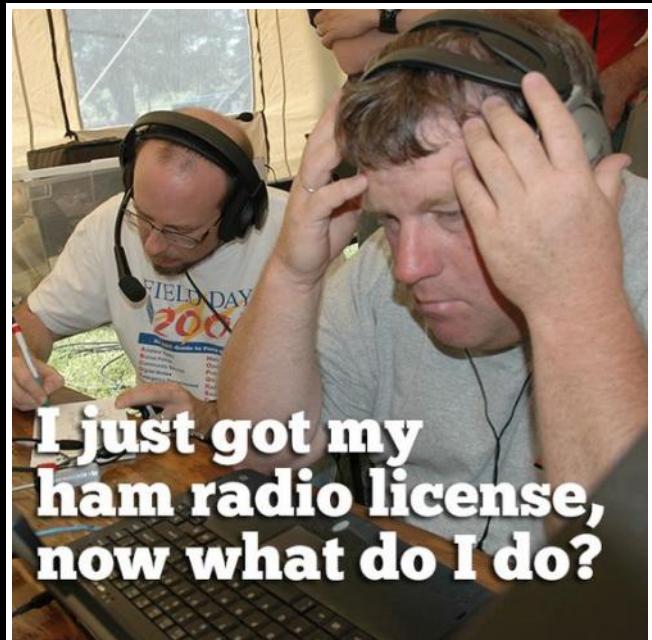


Q5er Editor & Publisher: Jody Nelis - K3JZD

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email your comments and article submissions to: **K3JZD AT ARRL DOT NET**



That's Easy ....

Come up to the Skyview Clubhouse on any

Tuesday and ask !!!

All General Information about the Skyview Radio Society is at <http://www.skyviewradio.net>

See Yahoo Reflector for All Current News & Activities : <https://groups.yahoo.com/neo/groups/K3MJW>  
(You must be logged in with your free personal Yahoo Login ID to get into the Skyview Yahoo Reflector )  
If you want to keep up with what is going on NOW, that is the place - have it forward msgs to your email



Is this how your dining room looks ??

Where are the pictures of your shack ??