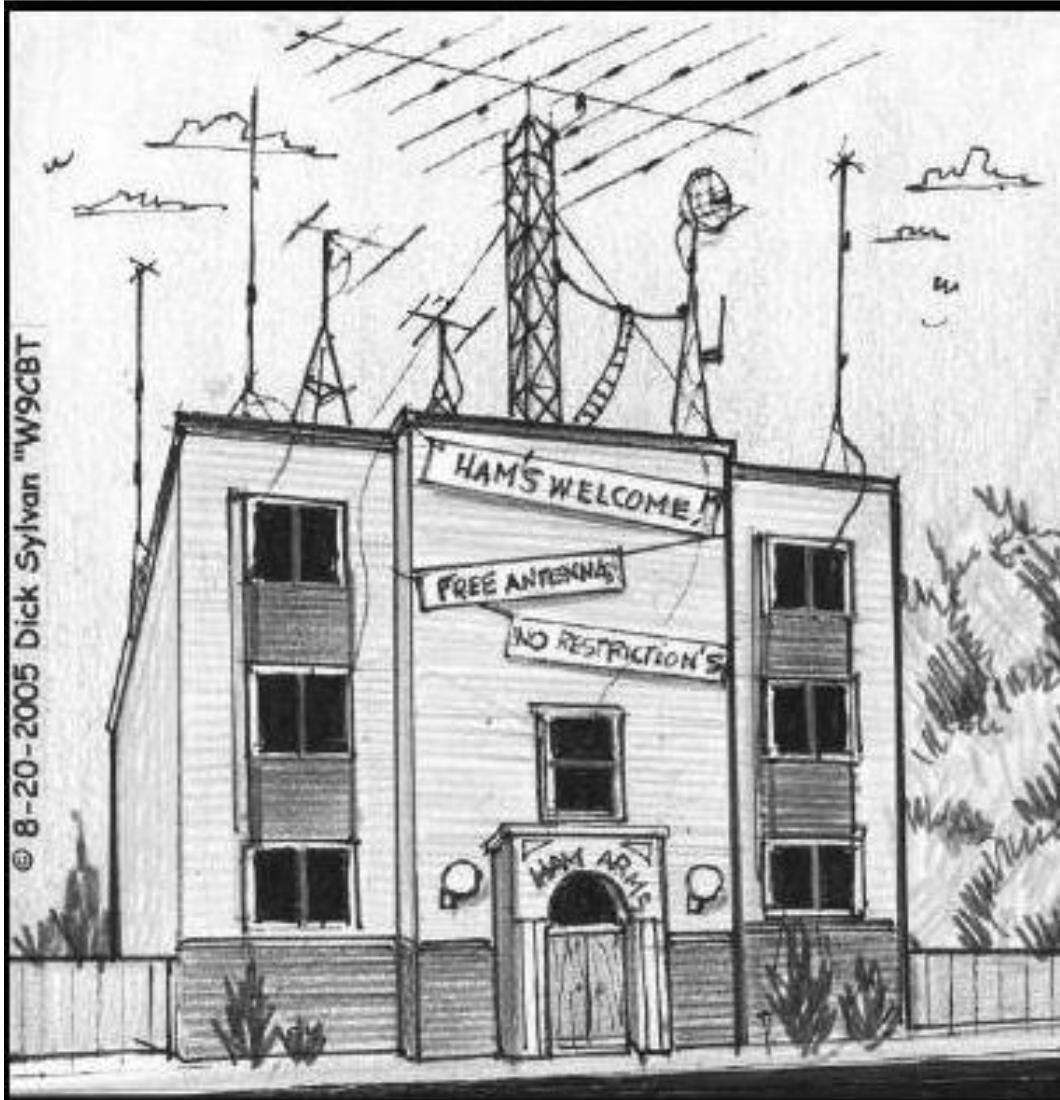




Q5er – The Official Newsletter of the Skyview Radio Society

Apartments For Rent



"Looking For an Apartment Where You
Can Put Up an Antenna? — Dream On!"

2020 is Skyview's 60th Anniversary !!

August 1, 2020

- And More

Sunspots?

I don't need no
stinking Sunspots.

I have 40 meters
and 80 Meters.

Inside this issue:



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 Groups.io Reflector at : <https://groups.io/g/K3MJW>

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

Guests are always welcome !!

From the Editor

NOTE: As this is being published, the Skyview Clubhouse is adhering to PA State Government requirements and is open at limited capacity.

Members Only. Use at your own risk.

Follow <https://groups.io/g/K3MJW> for updates.

Jody - K3JZD

From the Treasurer

With the COVID-19 Virus situation making a wrong turn, we had to Cancel our 2020 Swap & Shop. See you in 2021.

We are looking good on all of our fixed expenses for the rest of 2020

A Custom Mask with your Call Sign on it ??? Check with Amy at : Createdbyamy.com (412-398-8833)

Jody - K3JZD



Tnx for the FB Graphic WASHRag—Sorry that we had to Deface it !!!!

Ham Radio is a Contact Sport

Skyview Field Day#2

de Dave - N3TIN

Once again Skyview operated field day from two separate locations. This tradition has been going on for many years. Operators can participate at one site, or at both sites if they wish.

The primary operation was from the Skyview grounds. That location, operated as K3MJW, once turned in a great score. Those results and the participants in that effort have been reported on the Skyview facebook page.

The secondary operation was from Dave - N3TIN's property in New Kensington. That location, operated at W3GH, was operated more casually.

Dave has hosted this secondary field day operation for several years. Each year, different temporary wire antennas are tried out. This year a 142' loop that was only 10 feet off the ground and a 20 meter dipole that was fed with ladder line were both successfully used.

The W3GH site operators: Pat - NK3P, John - WA3KFS, Ron - NJ3R, Frank - KB3YJQ, Dave - KG4MSB, and Dave - N3TIN reported that they all had fun and ate well. W3GH posted a score of 1678 in the 100% Emergency Power '6A Class'.

The modes operated at this site were CW (100w) PSK31 (35w), and SSB (100w). The radios were all powered by Batteries. Contacts were made on 80 through 10 meters.



1929 Transmitter

(Run that on a battery !!)

Ham Radio History

de RF Café

de Chuck - K3CLT

RF Café Editorial re: FCC Potentially Shutting Down Amateur Radio During WWII

The following editorial was scanned from the November 1940 issue of the [ARRL's QST](#) magazine and OCR'ed. All copyrights are hereby acknowledged.

"Do you think that F.C.C. would be engaged in the present terrific expense and effort of getting our fingerprints and citizenship histories if there were intention of shutting us down shortly?"

That statement was printed in the following QST magazine editor in the issue that preceded the December 7, 1941, attack on Pearl Harbor by thirteen months. A few things about it are troubling.

First, the FCC was collecting fingerprints of licensed amateur radio operators. Second, the FCC was assimilating information about licensed amateur radio operators' citizenship histories. Third, a combination of short-sightedness and apparent naivet concerning the FCC's willingness to shut down amateur radio operations once America had been inevitably drawn into World War II. We know now that the FCC did immediately shut down all amateur radio transmissions on [December 8, 1941](#) - a mere day after the Pearl Harbor attack. The action was not without precedent since the U.S. had suspended amateur radio operations during WWI as reported in this "[War and the Radio Amateur](#)" article in the May 1917 issue of *The Electrical Experimenter*. The takeaway lesson here is to never fool yourself into believing there is something that the government 'would never do,' because history is replete with evidence to the contrary.

Incidentally, do you know that on the same day as the Pearl Harbor attack that Japan also attacked American and British military installations in the Philippines, Guam, Malaya, Taiwan, Siam, and Wake Island? This, before war was declared and peace talks were ongoing. Hirohito was doing to Southeast Asia and the Pacific Ocean what Hitler was doing to Europe and North Africa, and in many ways more brutally.

Amateur Radio QST Editorial November 1941



FCC Potentially Shutting Down Amateur Radio During WWII

"It Seems to Us—"

Confidence

Are you one of those amateurs who are holding off from buying some needed or much-desired piece of gear because of fear that amateur radio in this country is going to be closed up soon? There seem to be several of you, and we have a few words we'd like to get off on the subject:

Manufacturers and dealers are currently offering us the most interesting line of apparatus and parts that has existed in the history of radio. If we and they are not to lose contact, if we are not to lose the benefit of their business interest in us and their new developments especially designed for our field, it is perfectly manifest that we must continue to patronize them - if we can feel safe in doing so. Otherwise they'll go broke and fold, or - what is of almost the same result to us - concentrate on government orders and abandon us. The thing seems to hinge entirely, then, on whether we can feel safe.

For twenty-odd years we've been keeping the rails hot between [ARRL] Hq. and Washington. We frequently visit many government officials there, both military and civil. They were somewhat concerned about amateur operation early this past summer. That's why they got up the orders that were imposed on us last June - to correct the things that they thought needed correcting. All of them now profess to us to be satisfied with our present situation. They realize that amateur radio is that most remarkable kind of a training school, one in which ardent devotees train themselves in the intricacies

cies of a very complex art at their own expense! They want to see this self-training intensified, not discouraged; national defense considerations require it. Do you think that F.C.C. would be engaged in the present terrific expense and effort of getting our fingerprints and citizenship histories if there were intention of shutting us down shortly? No, the indexes all point the other way and they tell us that no new regulations are even under contemplation. We do not have the slightest knowledge whether this country will eventually get into the war but there is certainly no suggestion that it will in the near future; and we feel that, short of that, we are going to continue our present serene course without further material restriction.

So if you're planning a new antenna system or eyeing a new receiver or lying awake nights visualizing a new sender-outer, we consider that you are safe in investing in it; hop to it.

Conscription

November will be a momentous month in the American chronicle, marking the first peace-time induction for compulsory military training in our country's history. Inevitably, amongst those thus drafted will be a goodly number of radio amateurs, members of A.R.R.L. A word to you young fellows:

The military folks will be keeping a sharp lookout for numerous kinds of technical specialists amongst the men called up. You, because you're a radio amateur, will prefer radio work - because it will be more interesting to you than other work, because you'll learn something new, and because you know you can serve best by giving of your radio talents. You will find that arrangements have been provided to give radio assignments to conscripts who are hams. This is the way we understand it will work:

When conscription begins in November, the men called up for duty will first be ordered to a local "induction station" or "reception center," where their qualifications will be determined and the proper arm or service for them decided. Have your license with you, because right there is the place for you to announce your radio qualifications and press hard for an assignment to radio work. It shouldn't be difficult since, we are told, they

will have instructions to locate as many radio men as possible. From the reception center the men will be sent to the "replacement center" of the service to which they have been assigned, to receive training for a period of up to three months. The Signal Corps and the Air Corps and probably other arms will maintain such centers for the training of their communications personnel. After the schooling the men will go to duty with tactical units of their arm, filling out the remainder of their training year with field service. If you are quite a skilled amateur you will not have to take the entire school course but will slip through with a small amount of "processing" and be assigned to a unit, or perhaps retained at the school in an instructorship. Your cue is to advertise the fact that you're a communications man right from your first reporting, until you have a radio assignment.

You men are giving up a year to receive training and experience at the hands of your government. That year can be pretty much what you make it. It will be no bed of heliotrope but if you apply yourselves you'll come out of it a whole lot smarter and healthier than when you went in. Remember that you will be the representatives of the institution of amateur radio. For years we have said that the amateur body provided a great reservoir of trained personnel for national needs. In you the government is now sampling that reservoir. Show them what a radio amateur can do! Don't be too cocky but show them that he's good! Play the game and do your part to maintain the tradition that a good ham can lick any other kind of a radio man at whatever needs to be done.

Incidentally, the League has proposed to the F.C.C. that it would be swell if the expiring licenses of men on active service were renewed upon application without the usually-required proof of activity. Sort of keeping the home fires burning. The Commission says it will be glad to cooperate and we believe something can be worked out. Watch QST for the news.

Which reminds us: Have your folks re-mail QST to you, so you'll keep up with what's going on. (Requires additional postage.) When you're "permanently" located you can have us change your address, if you wish, but in such a request give us the QTH of the old homestead as

well as the one where Uncle Sam is putting you up. Matter of fact, we'd like a postcard occasionally anyway, both to have the news and because we'd like to keep a score-sheet on the ham's contributions to the defense training program. The best of luck, OM!

Defense Matters

There has been an American Radio Relay League in this country since 1914 - nearly twenty-seven years. It belongs to you fellows and it looks after your interests through the directors whom you elect. Whatever the new problems or whatever the changing aspects of American life, the League can be counted upon to be on the job in your interests. It has the record of having done so unfailingly for a full generation.

It isn't necessary to assert to you that it is busy today, both in looking after your interests and in consulting with government officials on the best employment for amateur talents as the country gears up to face a mad world. You already know it, because you have seen these relations growing over the past generation. Your League is already here and it's all set; it is the amateur organization. There is no need for A.R.R.L. suddenly to wrap itself in the star-spangled banner and start screaming like eagles as to how, with the help of the heavenly host and divers names of big-shots, it will overnight raise a hundred million radio militiamen and save the country from the powers of darkness, including taking over the monitoring functions of the federal government. If our organization seems a bit too conservative and dignified for that sort of thing, perhaps it is because our contacts are better and our knowledge of the situation and the needs sounder.

In recent months, officials of the League have had many conversations with government authorities, both civil and military. We have explored the possibilities for amateurs to help in the defense picture. Some interesting ideas are in the works, ideas that can't be talked about yet but which will be announced as they take definite form. The important thing we want you to see now is that your association is, as usual, on the job, and that what needs to be done is being done, even if we aren't waving flags.

In the meanwhile, the greatest contribution to national preparedness that the individual amateur can make is to look after his personal preparedness by raising his code proficiency, including copying on the mill. 'Phone amateurs have not only that code duty but also the opportunity to develop proficiency in handling traffic by voice. For those with a yen for active-service training, both Army (Signal Corps and Air Corps) and Navy are seeking enlistments, offering schooling, contact with new gear and methods, and field experience.

As we go about our work on the air, we are requested to keep our ears open and report any monkey business we hear to the nearest office of F.C.C. It is their work; we just help. If we're approached with improper operating proposals, ditto nearest office of F.B.I.

As the National Guard moves out for active duty, a Home Guard will be formed in each state, mostly of men out of draft age or with dependents or flat feet. They have to start from scratch, with little or no equipment, no radio personnel. In some states they are already calling for amateur help. Here is a chance - see if they don't need you in your state.

With over a million men away from home in camps and bases and schools, there is going to be an amateur message-traffic problem of big proportions. Our Communications Department is planning now what ought to be done about it. It's down our groove, the kind of public service we've always given, and it will be important in the coming year. It will take our best skill as relayers and will provide traffic proficiency as well as code proficiency itself. There will be a place in it for everybody.



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Thanks to W3MCK and CQ Magazine For Capturing the Mood !!!

Q5er Reach

de Jody - K3JZD

Elsewhere in this issue is my standard blurb that says
“Become Well Known - Publish in the Q5er”

I really cannot guarantee the ‘Become Well Known” part of that statement. However, I can assure you that articles that are published in our Q5er have more of an audience than you might expect.

Rob - KB7PWJ, who lives in Lacey, Washington, just reached out to me requesting more information about the QRPMeter that I had built in 2019.

Rob mentioned that he saw my QRPMeter article in the June 2019 Q5er. He said that other reviews that he had found only talked about the previous version, which did not have any SMD components. Rob said that he had no experience in using SMD components, and was concerned about this kit because it used a few of them. I reassured him that since these were large SMD components, not the typical flea sized SMD components, that he should not have any problem with building this kit.

So, how did Rob, who lives on the other side of the country, find my Q5er QRPMeter article ? Why, by searching with Google of course. The recent Q5er PDF files are stored on the club’s web site. I also store the PDFs for all of the Q5er issues on my nelis.net web site.

The Google search engine obviously looks into the PDF files that it finds on web sites. I do not know any details about how it works., but I would guess that it catalogs Table of Content entries, and Article Headings. It may go much further than that, perhaps picking up non-typical keywords from the articles themselves.

I did a Google search on “QRPMeter”. While I did not get any web site results from skyviewradio.net or nelis.net, I did find three photos from skyviewradio.net in the “*Images for QRPMeter*” part of the search results. And that led me to the June 2019 Q5er article.

So, I guess that suggests that articles with photos of a particular item are more likely to be found during a Google search. So, always check there when searching.

So, write articles for the Q5er. Use lots of photos. Write often, and you could “Become Well Known” (at least ‘Well Known’ to Google).

Jody - K3JZD



Once Upon a Time, one could actually put a ham transceiver under their dashboard !!!

Welcome New Members !!

Welcome the following Skyview Radio Society Members who have joined us since publishing the June 2020 newsletter:

K3PC - Rich - Plum Boro

KC3PEM - Chip - Apollo

Remember that something is going on up at 'the joint' every Tuesday. Sign up for the K3MJW Groups.io Reflector to get the latest news and event announcements by email.

If you are a reader who is interested in becoming a Skyview 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.

Skyview Radio Society Roster as of 31JUL20

NM3A	KB3HGJ	AB3LS	K3RMB
WB3ACC	WA3HGW	KC3LVC	W3RRK
AD3AD	KA3HPC	KC3LZH	I2RTF
W3ANX	KA3HPM	N2MA	KA3RXY
KB3APD	KB3HXP	KC3MBM	KQ3S
KC3AY	AG3I	KC3MIQ	KD4SBJ
NA0B	KC2I	K3MJ	KB3SOU
N3BPB (SK)	KC3IIO	KC3MNN	K3STL
W3BUW	WA3IKQ	KC3MNO	KB3SVJ
KF3C	W3IU	K3MRN	N3TIN
KC3CBQ	K3JAS	N3MRU	N3TIR
W3CDW	KC3JBS	KG4MSB	W3TLN
K3CLT	KB3JGG	KS3N	N3TTE
K3DCG	N3JLR	G4NFS	AG3U
KC3DIA	KA3JOU	KB3NSH	NS3U
KC4EGG	N3JPB	KC3NYN	N3UIW
KC2EGL	ND9JR	AJ3O	W3UY
KC3EJC	KC3JSF	WC3O	K3VRU
AB3ER	KB3JXG	KC3OCA	W3VYK
KC3EVT	KC3JXO	KC3OCB	N3WAV
KB3EYY	K3JZD	KC3OCC	K3WM
WB3FAE	KC3KEI	K3OGN	N3WMC
KC3FEI	WA3KFS	N3OIF	W3WTJ
K3FH	KB3KHR	KB3OMB	K3WWP
K3FKI	AC0KK	KB3ORO	KZ3Y
KC3FWD	N3KNB	KR3P	KG5YFN
N2GBR	W4KV	NK3P	N3YJN
KC3GIL	KC3KXG	K3PC	KB3YJQ
KC3GIN	KC3KXZ	KC3PEM	W3YNI
KC3GPM	WA3LCY	W3PRL	W3YNX
K3GT	KC3LHW	AE8Q	WA3YWU
AB3GY	K0LIN	NU3Q	K3ZAU
KC3GZW	KG4LLQ	WQ3Q	
NC3H	KC3LNG	NJ3R	
WD3HAY	KC3LRT	KB3RBV	

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



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

Been hearing about the low cost Chinese VNAs (Vexctor Network Analyzers) that are available? Here is something that will explain what a VNA does.

<https://tinyurl.com/ybotog8g>

How far can the Internet of Things be take>? Here are some stretch ideas to consider

<https://techxplore.com/news/2019-04-internet-rfid.html>

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

Previous Issues

Previous Issues of the Q5er are available at

<http://www.nelis.net>

Next Newsletter will be *October 1, 2020*
Closing Date For Submissions : *Sept 15, 2020*

K3JZD AT ARRL DOT NET

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

>>>> **WARNING** <<<<

An 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.

**** **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 phone: 724-274-8201

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, exam may be cancelled if no candidates are scheduled.

Q5er – The Official Newsletter of the Skyview Radio Society

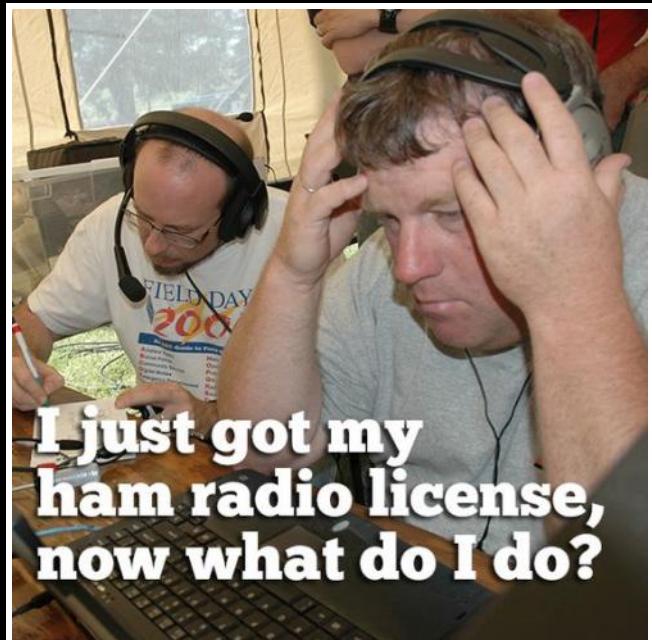


Q5er Editor & Publisher: Jody Nelis - K3JZD

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Permission is granted to other Amateur Radio publications to reprint articles from this issue, provided the original author and "**The Skyview Q5er**" are credited.

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>

Subscribe to K3MJW **groups.io** reflector for All Current News & Activities : <https://groups.io/g/K3MJW>

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 ??