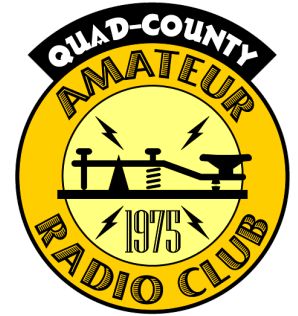


Parasitic Emission



Regular Meeting Dec 14, 7pm

The December Meeting of the Quad County Amateur Radio Club will be held Friday evening, December 14th at 7:00 pm in the [Smeal Building](#) on the Penn State DuBois Campus. The Smeal Building is at the intersection of East DuBois Avenue (PA-255) and College Place.

NOTE THE DATE CHANGE: December 14th at 7:00 pm!

Elections for all club officers will take place at this meeting. All Full Members are encouraged to attend and vote.

Nominations were opened at the September meeting, and remain open until voting takes place at this meeting.

Election Notice

Elections for all club officers will be held at the December Meeting, Friday, December 14th in the [Smeal Building](#) Conference Room on the Penn State DuBois Campus at 7:00 pm.



NOTE THE DATE CHANGE: December 14th at 7:00 pm!

Nominations for all club offices are now open. Members are permitted to nominate themselves. Nominees must be Full Members, currently and for one full year preceding their election.

Upcoming Activities

QCARC Breakfast, DuBois Dutch Pantry, route US-219 at I-80, Saturday, January 12th at 8:30 am. Everyone is welcome!

VE Exams, 6:00 pm, Friday, December 14. [Smeal Building](#) Conference Room, Penn State DuBois

NOTE THE DATE CHANGE: December 14th at 6:00 pm!

QCARC January Meeting, 7:00 pm, Friday, January 18th. Smeal Building Conference Room, Penn State DuBois.

Renew Your Membership!

The Club is entering its 45th year, and that means that its time to renew your membership! Dues are unchanged, at \$15.00 for Full Membership. Associate and Family membership is \$6.00 for the year.

Please complete the attached 2019 Membership form, and either bring it to the meeting or mail it, with your payment, to:

Quad-County Amateur Radio Club
PO Box 599
DuBois, PA 15801-0599

In This Issue...

Regular Meeting Dec 14, 7pm.....	1
Election Notice.....	1
Upcoming Activities.....	1
Renew Your Membership!.....	1
Shorts.....	2
Club Information.....	2

Shorts

Don't forget to renew your membership. The club is grateful for your continued support and activity.

- . . . -

Now is a good time to upgrade your license at the Volunteer Exam session on Friday, December 14th at 6:00 pm in the [Smeal Building](#) at Penn State DuBois.

- . . . -

The [75 meter mystery signal](#) is still popping up. Most recently, it was heard all weekend December 8th and 9th centered on 3900 kHz with a continuous FMCW signal 75 kHz wide!

It abruptly stopped at 9:00 am on Monday. Internet speculation is that it was located at or near Penn State, but Professor Jim Breakall WA3FET (who would be aware of such things) did extensive checking among all the departments with no results.

Other internet speculation is that it came from a defective wood kiln in the central Pennsylvania mountains that uses RF to dry lumber in a process similar to "diathermy" systems. However, it is doubtful that these devices would emit the unique signature of the signal observed.

ARRL Senior Test Engineer Bob Allison, WB1GCM points out that the signal is consistent with the Russian Over-The-Horizon RADAR codenamed *Konteyner*, which has operated numerous times within our HF bands for the past several years.

Of note is that the particular frequency in use, while in the US 75 meter amateur band, is operating legally in its home country where the frequency is assigned to the "navigation" and "radiolocation" services.

Of further note is that the signal path to Western Pennsylvania from the suspected transmitter site in Russia runs *exactly* along the current "gray line" alignment at 7:30 am Eastern time. That city, Nizhny Novgorod, is home to a factory that manufactures OTH RADAR equipment, and in fact is a *Konteyner* transmitter site!

So now the question is whether the signal is coming from Nittany Mountain or Nizhny Novgorod!

- . . . -

Attention former Novices – You can enjoy old times again on New Year's eve during ARRL [Straight Key Night](#). Dig out your old key, bug, sideswiper or even doorbell button and settle in for a cozy evening of old-time operating!

- . . . -

Club Information

Mailing Address:

Quad-County Amateur Radio Club
PO Box 599
DuBois, PA 15801-0599

Website:

<http://qcarc.org>

Officers:

- President: Charles Lindahl KA3DEO
- Vice President: James Green AB3CT
- Secretary:
- Treasurer: Judy Smith KC3JAS
- Executive Board:
 - Bev Hudsick W3BEV, Clearfield Co
 - Don Jewell KB3LES, Jefferson Co
 - Kevin Jones KC3BRR, Jefferson Co
 - Bryan Simanic WA3UFN, Clearfield Co
 - Kevin Snyder KA3YCB, Clearfield Co

Meetings:

Third Friday every month at 7:00 pm, [Penn State DuBois, Smeal Building](#)

Monthly Breakfast:

Second Saturday every month at 8:30 am at Dutch Pantry,

- Even months: PA-879 @ I-80 Clearfield
- Odd months: US-219 @ I-80 DuBois

Repeaters:

147.315 + Rockton Mountain, FM + YSF, [OPEN](#)
442.950 + Rockton Mountain, FM + YSF, 173.8
443.850 + Falls Creek, FM, 173.8

Nets:

VHF: Every Sunday at 7:00 pm 147.315

UHF: Follows VHF Net on 442.950

ARES North-1 District: Every Wednesday at 7:00pm 147.315 (All hams in Cameron, Centre, Clearfield, Clinton, Elk, Jefferson, McKean & Potter Counties)