

CQ CHATTER

NOVEMBER 2021

VOLUME B21 • ISSUE 9

WOOD COUNTY AMATEUR RADIO CLUB

| | | |
|----------------|-------------|----------------------------|
| President | KG8FH/W8PSK | Jeff Halsey/Loren Phillips |
| Vice President | KE8CVA | Terry Halliwill |
| Secretary | N1RB | Bob Boughton |
| Treasurer | KD8NJW | Jim Barnhouse |
| Board Member | WB8NQW | Bob Willman |

Minutes *WCARC Meeting* October 11, 2021

Phil-W8PSK presiding

Present: Bob-N1RB, Russ-KE8PJM, Rex-KC8PFP, Bob-WB8NQW- Terry-KE8CVA, Tom-WE8TOM, Wil-KC8IFW, Eric-WD8LEI, Jeff-KG8FH, Phil-W8PSK

Meeting called to order: at 7:35 with Pledge of Allegiance

Minutes: of the August business meeting as published in the September edition of CQ Chatter were approved (NQW/FH).

Treasurer's Report: Treasurer was not in attendance.

Old Business:

- Phil emphasized the necessity to put the finishing touches on the "new" equipment room that will house the Club's stuff that is currently stowed in his garage. Eric (LEI) reported that there has been no progress in renovating the County Home Rd. site-- it needs a new floor, but first some structural and insulation work has to be done to replace the rotted base of the shack. The group is planning a get-together on-site to perform this work on Tuesday, October 19th at 4pm. After that, the plan is to sort through the existing equipment inventory to decide

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Net Check Ins-I

Oct 5

Traffic: 0
(NCS)

WB8NQW

WD8JWJ

W8PSK

KE8PJM

KA8VNG

KD8VWU

WE8TOM

KE8CVA

KG8FH

KD8RNO (10)

Oct 12

Traffic: 0

N1RB

KE8CVA

KC8EKT

KG8FH

WD8LEI

KE8PJM

N8MSU

KD8NJW

W8PSK

WB8NQW

KD8RNO

WE8TOM

KA8VNG

KC8NKC (14)

Brain Teasers

1. In a pulse modulation system, why is the transmitter peak power much greater than the average power?
 - a.) the signal duty cycle is less than 100%
 - b.) the signal reaches peak amplitude only when voice modulated
 - c.) the signal reaches peak amplitude only when voltage spikes are generated within the modulator
 - d.) the signal reaches peak amplitude only when the pulses are also amplitude modulated
2. What is the phase angle between the voltage across and the current through a series R-L-C circuit if X_c is 500Ω , R is $1\text{ k}\Omega$ and X_L is 250Ω ?
 - a.) 68.2 degrees with voltage leading
 - b.) 14.1 degrees with voltage leading
 - c.) 14.1 degrees with voltage lagging
 - d.) 68.2 degrees with voltage lagging
3. How many horizontal lines make up a fast-scan television frame ?
 - a.) 30
 - b.) 60
 - c.) 525
 - d.) 1050

November Contests

The contest lineup for the month of November is given below. Please note that the WARC bands (60, 30, 17 and 12 m) are never open to contesting.

| | | |
|--------------------------------------|-----------------------|---------------|
| Nov 6-7 | <i>1200 to 1200 Z</i> | 160 m to 10 m |
| Ukrainian DX 'test | | CW/SSB |
| Nov 6-8 | <i>2100 to 0259 Z</i> | 160 m to 10 m |
| ARRL Sweepstakes-CW | | CW |
| Nov 13-14 | <i>0700 to 1300 Z</i> | 160 m to 10 m |
| JI DX (Japan) 'test | | SSB |
| Nov 13-14 | <i>1200 to 1200 Z</i> | 160 m to 10 m |
| OK/OM (Czech/Slovak) DX 'test | | CW |
| Nov 20-21 | <i>1200 to 1200 Z</i> | 80 m to 10 m |
| LZ (Bulgaria) DX 'test | | CW/SSB |
| Nov 20-22 | <i>2100 to 0259 Z</i> | 160 m to 10 m |
| ARRL Sweepstakes-SSB | | SSB |
| Nov 27-28 | <i>0000 to 2359 Z</i> | 160 m to 10 m |
| CQ WW DX 'test-CW | | CW |

November Hamfests

Nov 13-14 - Allen County ARTS Hamfest and ARRL Central Division Convention.
Allen County War Memorial Coliseum, Fort Wayne, IN.

web: <http://www.fortwaynehamfest.com>

Dec 4 - Fulton County ARC Hamfest. Villadelta Hall, Delta, OH

web: <http://k8bxq.org/hamfest>

Net Check Ins-II

Oct 19

Traffic: 0
(NCS)

KG8FH
WD8JWJ
KD8RNO
WD8LEI
KE8CVA
KC8EKT
K8DLF
KE8PJM
W8PSK
KD8NJW
WB8NQW
KE8QGV
KA8VNG
N1RB
KC8NKC
WE8TOM

(16)

Oct 26

Traffic: 0
(NCS)

KD8NJW
KD8RNO
KC8EKT
KG8FH
WD8ICP
WD8LEI
WB8NQW
W8PSK
KE8PJM
KA8VNG
KE8QGV
N8VNT
N1RB
WE8TOM
KE8CVA
WD8PIC

(16)

Brain Teaser answers: (E) 1-a, 2-c, 3-c

Why Are Q-codes Used in Ham Radio?

By Dan Romanchik KB6NU

The original Q-signals were created in the early 1900s by the British Postmaster General for use by British ships and coast stations. They proved to be so useful, however, that radio operators worldwide began using them. (*please note: all communications was done using CW in those days—-ed*) One reason they proved to be so useful is that they can even be used by operators speaking different languages. When an English-speaking operator receives **QTH?** they understand it to mean, “What is your location?” A Slovak-speaking operator will translate that to, “Aká je tvoja poloha?” while a German-speaking operator will hear, “Wo befinden Sie sich?”

At the Second International Radiotelegraph Convention in London, in July 1912, the delegates adopted a list of 45 different Q-codes. Many of these Q-codes are no longer used. For example, QRF stands for “I am bound from _____.” But, many, such as QTH, QSY, QRM, and others, are still used today more than 100 years later.

QRL / QRL? – I am busy. / Are you busy?

The most common usage for this Q-signal is to ask if a frequency is in use before beginning to call CQ or another station. The station wishing to use the frequency would send **QRL?** If the frequency is in use, the station using the frequency, should send **QRL** or simply **C**.

QRM / QRM? – You are being interfered with. / Is my transmission being interfered with?

QRM is often used (incorrectly) as a noun. For example, someone might send, **LOTS OF QRM TONITE.**

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WCARC Weekly Net

Tuesdays at 2100 all year

147.18 MHz 67 Hz PL

Net Control Roster

| | | |
|------------|-----------|---------------|
| <i>Nov</i> | <i>2</i> | <i>NM8W</i> |
| <i>Nov</i> | <i>9</i> | <i>WB8NQW</i> |
| <i>Nov</i> | <i>16</i> | <i>N1RB</i> |
| <i>Nov</i> | <i>23</i> | <i>KG8FH</i> |
| <i>Nov</i> | <i>30</i> | <i>KD8NJW</i> |
| <i>Dec</i> | <i>7</i> | <i>NM8W</i> |

NEXT MEETING

Breakfast Meeting

Saturday

November 6

TIME: 9:00 AM

PLACE:

**Frisch's Big Boy
E. Poe Rd. & N. Main St.
Bowling Green, OH**

10 meter Net

informal group

meets

Sunday

@ 20:30

on 28.335 MHz

Fusion Net

Thursday

@ 19:30

on 442.125 MHz

67 Hz PL on analog

Informal net

minutes— from p. 1

what should be kept and what is to be disposed of. Once that is accomplished, the move will be made. Bob (NQW) reported that he also has some of the Club's old Drake transceivers that need to find a new home. The County Home Rd. location will, however, not be climate controlled and so is not suitable for storing electronics equipment.

- The next item on the agenda was an update on the current status of the AREDN effort. Eric reported that the Lucas County ARES will be meeting on the 23rd of the month and will include discussion of the move of the current AREDN set-up from the UT campus to a more central location. The status of the NWOH AREDN presence is effectively in limbo until the move is made.

New Business:

- Phil circulated pictures of two pieces of equipment that Mark Paley-K8LD has proposed to donate to the Club. They are an Alpha model 374 linear amplifier, and a Dentron model MT3000A tuner. Although both items are of 70s-80s vintage, they function and are still quite useful. Motion was made to accept the donation (RB/FH), and was approved unanimously.
- Phil emphasized the need to begin thinking about candidates for the 2022 Officer Slate as they will take office in January. He is seeking volunteers, and is hoping to interest some of the

(relatively) younger members in these positions. A suggestion was also made to ask for volunteers in CQ Chatter.

- Next, Phil raised the issue of whether the Club wanted to hold a kick-off banquet this January, and if so, when and where. A motion was made to hold the banquet on Monday, January 10, 2022 (CVA/FH) and was passed unanimously. Bob (NQW) will investigate the availability of the Country Farmhouse restaurant in Wayne and report back.
- Tom (TOM) raised the issue of whether the Club wishes to get involved with a groups.io account for passing internal e-mails, etc. Stan-K8LL has offered to contribute the account name that he had earlier reserved for the Club's use. Motion to accept was made (TOM/FH) and passed unanimously. Tom will look into implementing this step.

Adjournment: Motion to adjourn (NQW/TOM) passed at 8:25 pm. ■

Qcodes— from p. 4

QRN / QRN? – You are being troubled by static or atmospheric noise. / Are you troubled by static or atmospheric noise? Like QRM, QRN is often misused as a noun. For example, someone might send, **LOTS OF QRN ON THE BAND TONITE.**

QRO / QRO? – I will increase power. / Shall I increase transmitter power?

continued on p. 7

Qcodes—from p. 6

Often, QRO is used as an adjective. For example, someone might send, **I AM QRO NW**, meaning that his transmitter is running a significant amount of power, usually more than the 100 watts of output power that most HF transceivers have today.

QRP / QRP? – I will decrease power. / Shall I decrease transmitter power?

QRP is most often used as an adjective. If someone says, **RIG HR IS QRP**, what they mean is that the power output of the transmitter is 5 W or less. To qualify for the QRP category of most contests, your transmitter output power must be 5 W or less.

QRS / QRS? – Send slower. / Shall I send slower?

Feel free to use this Q-signal should you get into a contact with someone who is sending faster than you can receive. The courteous thing to do is for the faster operator to slow down when requested to do so.

QRT / QRT? – Stop sending. / Shall I stop sending?

Common amateur usage is a little different than the original meaning. When someone sends **MUST QRT** or **WILL QRT** they mean that they are going to go off the air.

QRU / QRU? – I have nothing for you. / Do you have anything for me?

This Q-signal was originally used by amateurs who were sending and receiving

radiograms. They would use this Q-signal to signal the other operator that they had no messages for them or to ask if they had any messages that needed to be passed. Now, however, you'll sometimes hear stations say, **I AM QRU**, meaning that unless you have something further to say, they wish to end the contact. They probably also mean this if they send **QRU?**

QRV / QRV? – I am ready. / Are you ready?

Originally, this meant that a station was ready to copy a message. Nowadays, it means that they are ready to get on the air.

QRZ ____ / QRZ? – ____ is calling you. / Who is calling me?

In contests or DX operation, a station will often send **QRZ?** to denote that he's finished with one contact and will begin listening for other stations. This is a little different than the original meaning.

QSB / QSB? – Your signals are fading. / Are my signals fading?

continued on p. 8

KD8BIN SK

WCARC member, John Dvorack-KD8BIN, became a Silent Key on Sunday, October 17, at age 65. He retired from a career in law enforcement. John was an active member of several local clubs, including in Fulton County and Toledo and enjoyed rag chewing and working DX.

Qcodes—from p. 7

Like QRM and QRN, QSB is often used as a noun (instead of the word “fading”) even sometimes as an adjective. For example, someone might say, **THE BAND IS VY QSB TONITE.**

QSL / QSL? – I acknowledge receipt. / Can you acknowledge receipt?

QSL was originally meant to be used to acknowledge receipt of a formal message. Now, it is often used to denote that a transmission was received, whether or not it contained a formal message. We also use it as an adjective, as in “QSL card.” A QSL card acknowledges that we had a contact with the station to whom we sent the card.

QSO ___ / QSO ___? – I can communicate with ___ directly. / Can you communicate with ___ directly?

QSO was often used in the [early days of amateur radio](#) when the range of a station was limited and stations relayed messages from one to another. Nowadays, we mostly use QSO as a noun, meaning a contact with another station.

QSY / QSY? – I will change frequency. / Shall I change frequency?

QTH / QTH? – My location is. / What is your location?

You often hear QTH used as a noun. People often send **QTH IS _____**. While not an egregious use of this Q-signal, it is technically incorrect.

Keep in mind that you may hear these Q-codes when you’re operating any of the

voice modes or when talking with other hams at club meetings or hamfests. So, even if you’re not a CW operator, you’ll want to know these codes so that you’ll understand what’s being said. ■

Kick-off Banquet To Be Held

After a year’s pause for the virus, the series of annual kick-off banquets will be resumed in January, 2022. As confirmed in the most recent business meeting, the Club has chosen to hold the banquet on Monday, January 10, at 6:00 pm.

The location is once again the Country Farmhouse restaurant at 117 E. Main St. in Wayne. The very last banquet was held there two years ago, and the food and service merited glowing ratings.

As before, Club members will be able to order off of a limited menu, and will be billed individually. Please make reservations *at least* one week ahead of time with Bob-WB8NQW at : blcksmth@reagan.com

This event provides a great place to have an eyeball QSO with those Club members you have talked to on the air. Spouses and other family members are also invited. The only official event that will take place is the election of the new slate of officers for 2022, which will be determined at the upcoming December business meeting. If you are interested in serving, please inform any of the officers. ■

**WOOD COUNTY ARC
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BOWLING GREEN, OH
43402**

