

UNION COUNTY AMATEUR RADIO SOCIETY Meeting Minutes for April 15, 2021

David Keever, KV4N opened the regular meeting at 7:04 PM with 16 members present.

Members in attendance:

Alfred KoKoszczyński, KC2GZI

Bill Turner, W4WNT

Michael Segersin, KN4CQA

David Ladd, KO4WTD

Ricardo Fisher, KM4QJO

David Humphries, W4WAX

David Keever, KV4N

Rick Lanier, N4RCL

Mike Williams, K4IC

Gordon Lyman, N4YTM

Reid Matthews, KO4NGA

Kevin Moderow, WA9VFD

Julie Badorek, KO4OLR

Jeff Weiss, K4EVT

Paul Poloniewicz, KO4MDB

Brad Slusarczyk, KO4DQP

1. David Keever (KV4N) opened the meeting at 7:03 PM for Chris Whitaker who had an emergency at Net time.
2. Tonight's meeting is being held via ZOOM.
3. David reviewed the meeting minutes for March.
4. Meetings are being held by ZOOM which has impacted attendance, looking forward to in person meetings to have higher attendance.
5. Introduced recent new members:
 - a. Reid Matthews, KO4NGA
 - b. Julie Badorek, KO4OLR
 - c. Paul Poloniewicz, KY4FL
 - d. Chris Layton, WN4CNZ
 - e. Thomas Mecir, KO4FLB
 - f. Joe Uhi, KN4JOS
6. David K reported Treasurer's report of 208.80 in receipts for dues with a balance of \$3,165.62.
 - a. Balance has increased due to new members and older members catching up.
7. New Business:
 - a. Introduced a proposal to purchase RF filters for 80 and 40 meters for Field Day.
 - i. W4WNT thought it was a good idea if you are using ICOM 7300 and other transceivers.
 - ii. K4EVT asked if this is an alternative to using radios that have better capabilities.
 - iii. Response is amateur radios transceivers are not built to suppress strong RF signals in proximity.
 - b. Field Day committee meet on Tuesday, April 13th at Siler Presbyterian Church the location for Field Day in June. We had a few members there to discuss upcoming Field Day and a plan has been put into place. It was announced that the Field Day Chairperson for 2021 will be Christopher Whitaker.
 - c. Announced that the meeting minutes are posted on the NC4UC.org website.
 - d. Announced that VE sessions will be resumed, the first one will be on April 24th at Siler Presbyterian Church. The dates for future VE exams are posted on the NC4UC.ORG web site.
8. Tonight's program was given by Gordon Lyman, N4YTM. Gordon presented the operation of RTTY and N1MM logging.
 - a. Explanation of what RTTY is and its original use of BAUDOT Code.
 - b. Baudot Code represents 32 characters with five bits. The use of control characters provides the alphabet, digits 0-9 and some control characters.
 - c. Baudot code is sent by shifting between a lower and a higher frequency. Called Space and Mark.
 - d. Can be sent by FSK(Frequency Shift Keying) or AFSK(Audio Frequency Shift Keying).

- e. Most Ham Radio RTTY uses 170 Hz shift.
 - f. Transmission speed is 45 Baud around 60 words per minute.
 - g. Details presented on use of SSB and Mark frequency as frequency to set to. Receiver must have bandwidth to decode RTTY.
 - h. Explanation given of why to use RTTY, extremely popular during contests as it is fast.
 - i. Demonstration of equipment necessary to operate RTTY.
 - j. Introduction of the N1MM Logger and description of operation.
 - k. Multiple Examples of how to make RTTY contacts and how Gordon uses and records those on his stations.
 - l. To find information on RTTY for a non-experienced person Gordon recommended to Google RTTY and there will be numerous articles that a beginner can find.
9. Solicitation went out to members asking for suggestions of topics that they would like presented at club meetings to let it be known. Also, UCARS is always looking for individuals to give presentations, we are looking for volunteers and ideas.
10. Follow up on request to purchase filters for Field Day. Large show of hands to approve. Questions was raised that if we are taking money that could be used for repeater maintenance then there would be an objection but otherwise a good idea. Concern expressed that it is not used that often just for Field Day but was pointed out that the filters would be used for other events, like Winter Filed Day, and QSO parties.
- a. Suggested that we ask for donations to purchase filters if objections are high with club members of using club funds to purchase.
11. Announced that there are QSO parties occurring throughout the years. A listing of State QSO parties is on the NC4UC.ORG web site.

Meeting adjourned at 8:02 PM