

Four States Amateur Radio Club

August 2019 Minutes

The meeting was opened by the president, Charlie Conkey (KG5MVX), asking the secretary of the club, Robert Ward (N5TXK), to lead the club in the Pledge of Allegiance to the American Flag and a prayer.

President Charlie Conkey (KG5MVX) then asked for the reading of the minutes of the July meeting which was completed and a motion was made by Greg English with a second by David Teague (N5GTE), to be approved and was then approved by the membership. The treasury report was presented by Secretary Robert Ward (N5TXK) due to David Glenn (KF5VAE) not being present at the meeting. As of July 2019 the club has a grand total of \$10,654.59 and \$20 cash on hand. David Teague (N5GTE) made a motion to accept the treasury report with Greg English seconding, the club then approving.

Old Business: Roger Robinson (KG5IGZ) brought up the fundraiser again and added to his hamfest-gun show with a coin show also. This will bring more people into the show for potential higher gain on the money for the drawing. Discussion followed on the reason for the shows and why hamfest does not make. David Teague also suggested dates that would be able to set up a gun raffle. This action for the fundraiser was tabled for a later date by President Charlie Conkey (KG5MVX). Motion by Greg English and second by David Teague and approved by the membership.

Technical Area: Arthur Christy (KF5VWN) was asked to bring up the latest on the repeaters and D-Star. He stated that the last storm prior to this meeting (August 2019 Club meeting) was bad enough to take out the computer, the camera, and the controller lost the sensor that would determine if it was on battery or grid. The controller was reprogrammed by Arthur Christy (KF5VWN) to not identify on air if on battery or grid. The controller is still broke but sends out no report. The 45 machine was also hit by the storm and it was thought it was the power supply that went out. After several hours of working on the problem it was found out that the optoisolator that goes between battery and grid, although there is no battery on this system. The power supply was not broken and the station was reworked with a lot of stuff removed that was not needed. The was completed with the help of Steve Rodgers (AF5JR) and David Glenn (KF5VAE). A several hour project brought the 45 machine back on the air. No battery is need for the repeater due to hospital having a generator, which the repeater is using the connection for it.

On the 62 machine the computer was analyzed and found that the video card and monitor had gone out. A video card was bought for the computer and a monitor was donated to the club, which solved this problem. The repeater is protected in the electric area but not for the computer or D-Star operations. Arthur Christy (KF5VWN) would like to buy an ups power supply to put it on the computer to protect the network side and computer. The cost will be approximately \$200.00 to get a good ups power supply that has a true sign wave not a modify sign wave.

Discussion continued concerning the system surge protection and ups power supply. Arthur Christy (KF5VWN) also wanting to put a small ups power supply the 45 repeater to protect it. It does not need to be very big since that machine has a connection to the hospital generator. The small ups power supply would be approximately \$100. Arthur Christy (KF5VWN) also stated that the camera was damaged on the tower through the ethernet. Cost of the camera would be \$370.

Jim Collen (N5YU) re-tuned the cavities to a new frequencies and brought out the range of the D-Star. There is still a fraction not receiving the D-Star signal due to the blockage of the tower. Jim and his wife was taken out to eat at the Teaxs Road House for his help. All the items that we need and for Jim's help will be \$800 plus tax.

Arthur Christy (KF5VWN) and Steve Roger (AF5JR) went on a discussed three ports that are bad in the controller and would like to buy a controller for \$700 so that the 62 repeater would have a backup controller. The total cost will be \$1800 to \$2000 to do all for protecting the repeater and radios. A motion for \$2000 was made by Greg English a motion to accept and David Teague seconded. The club passed the motion.

Old business part two: Field day was brought up and everyone agreed that it was a wonderful time. The catering of the major food was a very successful part of the event. All agreed again.

New business:

Christmas party was discussed concerning place and date for the party. Clarence Schilling (WB5BYV) discussed the making of a great Christmas party. President Charlie Conkey (KG5MVX) made Clarence Schilling the Christmas party chairman. Discussion continued as to the place, cost of the event, and the location of the party. Robert Ward (N5TXK) made a motion to have the Christmas Party where Clarence Schilling will be chairman of the Christmas party. Eric Richards (KI5BZO) second the motion and the membership voted for acceptance. Clearance Schilling will be aiming at 20th December 2019, a Friday night.

No other new business was discussed.

Motion to adjourn the meeting was made by Greg English (KG5BOC) and second by Charles Mackey (KF5VAA), which was approved by the club membership.