

TLARC Meeting Minutes

November 19, 2025

President Juan Lopez, AC6ZM, called the meeting to order at 18:45 EST. The meeting was held at the Tellico Village Volunteer Fire Department's Training Room. The meeting started a few minutes early because our guest speaker, Greg Mihran, KJ6ER, was having a live video presentation promptly at 19:00.

The Pledge of Allegiance was proclaimed by all present.

******* PROGRAM SESSION *******

Our guest speaker was Greg Mihran, KJ6ER, via an internet Zoom call from his home in Campbell, California. He talked about his most popular antenna, the PERformer, which was the ARRL QST award-winning entry. But first, Greg started off his discussion with a little antenna design theory without the heavy mathematics. It was a simple analysis giving us the basic background of his antenna designs. He talked about radiation efficiency of antennas and how a typical transmitter loses most of its output power in areas other than the atmosphere where it should go. Greg's antenna designs all have a radiation efficiency greater than 90%. There was a Q&A session at the end. Most of his designs are portable for quick deployment for; POTA (Parks On The Air) activities, Emergency Communications, and in HOA (Home Owners Association) restricted areas. All of Greg's antenna designs are free of charge, a selfless gift to the Amateur Radio community. The Zoom session lasted for an hour and 15 minutes.

There are a few internet links for further investigation at the end of this document.

******* BUSINESS SESSION *******

Roll call was made. There were 21 TLARC members present, and 2 guests. It was nice to see Mike Wagner, KK6OKU, past President of TLARC, there at this meeting.

- **MINUTES OF LAST MONTH'S MEETING—**

The Minutes of the October 15, 2025 meeting were accepted without corrections.

1st Motion to accept was made by Ben Poff, KN4VIF. 2nd by John Kiley, KB4TV.

TLARC Meeting Minutes

November 19, 2025

- SUNSHINE REPORT–
 - George Heron, N2APB, is now walking around after knee replacement issues and doing well. Great news!

- OFFICER REPORTS –
- President, Juan Lopez, AC6ZM:
 - The Contest Season for the year is wrapping up and getting ready to kick-off the New Year.
 - He talked about the 10M and 15M Bands propagation overseas has been excellent into the night using FT8, even with smaller antennas.
 - There will be no TLARC meeting in December, we will have the Christmas Party in its place.

- Vice President, Chuck Ferguson, N4CSF:
 - The TLARC Christmas Party is still on schedule for December 6th. So far, we have 32 people signed up for the event.

- Treasurer, Bill Schultz KQ4CDC:
 - Next Year's Dues
 - Get ready for another New Year, the dues is still \$20 each. Bill had started the dues at this meeting for next year.
 - Financial Report
 - Last Month: \$4,366.70 (As of September 30, 2025)
 - Repeater Fund: \$2,500.00
 - General Fund: \$1,866.70
 - Dues: .00
 - Donations: .00
 - Withdrawals: .00
 - Ending Balance: \$ 4366.70 (as of November 15, 2025)

- Secretary, Richard Meyer, W8CNY:
 - The latest Membership Roster has been posted on the TLARC Website. My apologies to Brad Berger, KM4OJK, for deleting his entry in the Club Roster. Please verify your personal information.

TLARC Meeting Minutes

November 19, 2025

- The Tellico Village Volunteer Fire Department's Fire Chief has requested an outline for a prospective installation of Amateur Radio equipment and external Antennas to be installed at the Station. The building has a secure server room where an internet controlled radio system can be installed. This permanent radio installation would enhance emergency radio backup systems during Fire Department insurance rating audits. The system would also allow new club members with access to radio equipment after being licensed. The club already has resources; radios, antennas, antenna tower, coax, etc. Let's put this to good use. The Secretary will create the requested document.
- As a reminder, the computer access code at the Fire Station is:
 - Wifi Password: Welcome21023##
 - User ID: TLARC
 - Password: KN4DUA\$4 (Note the added \$ in the Club's Repeater call sign, the Password is all capital letters)
- **STANDING COMMITTEE REPORTS –**
- **NET COORDINATOR:** Dave Andrews, N1ESK
 - None.
- **REPEATER:** David Weikert, KF4DKW
 - None
- **SPECIAL COMMITTEE REPORTS –**
- **CHRISTMAS PARTY**

Chuck Ferguson, N4CSF – The Christmas Party will be held on Saturday, December 6th at the Cook-n-Craft restaurant in Loudon. So far, 32 people have registered for this yearly event. Socializing will start at 5:30 and Dinner at 6:00.

Entrees (CHOICE of one per person) --

 - **CHICKEN MARSALA**--delicious sauteed chicken breast with mushrooms in a marsala wine sauce
 - **RASPBERRY GLAZED PORK TENDERLOIN**--a tenderloin of pork with a slightly sweet glaze, baked to perfection
 - **BAKED ZITI**--with ricotta, mozzarella, and parmesan cheeses and our popular Mama's meatballs

Side Dishes (both per person/entree) --

TLARC Meeting Minutes

November 19, 2025

- **Buttery Green Beans w/ Bacon Bits**
- **Creamy Mashed Potatoes**

Dessert --

- **Assorted Cupcakes**

Drinks --

- **Sweet Tea, Water, Coffee, Creamer, Sugar**

OLD BUSINESS:

- **HAM RADIO DECALS**

Richard Shamblin, AE4RS, has been giving out “Ham Radio Works” decals to those present. If you did not receive your decal, then see Richard at the next meeting.

- **NOMINATION COMMITTEE**

The new Officers for 2026 have been voted in:

President – John Kiley, KB4TV

Vice President – Sam Howard, KW4TN

Secretary – Richard Meyer, W8CNY (year 2 of 2 year term)

Treasurer – Bill Schultz, KQ4CDC (year 2 of 2 year term)

- **NEW BUSINESS:**

- **STATION RADIO COMMITTEE**

A new Committee was created to decide what equipment is needed to install a base station at the Fire Department. The following people volunteered to be on this new committee.

Dave Andrews, N1REB

Ben Poff, KN4VIF

Ted Goodhue, W1EG

Jeff Jason, N2JF

Juan Lopez, AC6ZM

TLARC Meeting Minutes

November 19, 2025

- ANNOUNCEMENTS (Hamfests, contests, items for sale, etc.)
 - None mentioned at the meeting

- SK News
 - Gary Stickel, K4RQT, mentioned the passing of a friend with radio equipment for sale.
 - Jeff Jayson, N2JF, mentioned the passing of Bob, K1IZT with radio equipment for sale.

- HamFests
 - None listed
- Contests
 - None noted.

- MEETING ADJOURNMENT @ 20:38

- 1st Motion to accept was made by Sam Howard, KW4TN, 2nd by John Kiley, KB4TV.

KJ6ER Antennas designs *efficient* and *effective* portable antennas for the *every-ham* that focus on the optimal integration of **performance** (*high radiation efficiency*), **elegance** (*speed and simplicity of deployment*) and **convenience** (*ease of transport and storage*). These designs are always shared for *free* with the global amateur radio community to encourage more radio operators to *homebrew* their own portable antennas.

- **Assembled KJ6ER Antennas & Accessories (J-Systems) -**
 - **PERformer 40M-6M Quarterwave Vertical -**
bit.ly/KJ6ERPERformer
 - **PERformer 40M-6M NVIS Quarterwave Vertical -**
bit.ly/KJ6ERPERformerNVIS
 - **PERformer 40M-6M 2-Element Parasitic Array -**
bit.ly/KJ6ERParasiticPERformerArray
 - **PERformer 40M-6M 2-Element Phased Array -**
bit.ly/KJ6ERPhasedPERformerArray
 - **Challenger 20M-6M OCF Halfwave Vertical -**
bit.ly/KJ6ERChallenger
 - **Dominator 17M-10M EF Halfwave Vertical -**
bit.ly/KJ6ERDominator
 - **Dominator 17M-10M EF Halfwave 2-Element Parasitic Array -**
bit.ly/KJ6ERParasiticDominatorArray

Authorized Manufacturer of KJ6ER Antennas on Etsy

etsy.me/3lay4J5

- **ABR Cables with KJ6ER 10-20% discount -**

bit.ly/ABRCoaxBuilder

- YouTube™ Interview with Michael Martens, KB9VBR -

youtube.com/watch?v=cCImWBZyNaE

- ARRL™ QST 2024 Antenna Design Competition -

bit.ly/AntennaDesignCompetition

- ARRL™ QST September 2025 PERformer Article (First Page) - bit.ly/QSTSeptember2025FirstPage

- KJ6ER Antennas Primer -

bit.ly/KJ6ERAntennasPrimer

Greg Mihran, KJ6ER

Campbell, California

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