

The
W5ES
 BULLETIN
 The El Paso Amateur Radio Club
September 2018
 A 501 c (3) Organization



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Editor Paul Wilson AE5OJ

W5ES BULLETIN IS PUBLISHED MONTHLY BY THE EL PASO AMATEUR RADIO CLUB
 2100 SAN DIEGO AVE. EL PASO, TX 79930-1320.

REMEMBER - IT'S NOT THE CLASS OF LICENSE THE AMATEUR HOLDS, BUT THE CLASS OF THE AMATEUR THAT HOLDS THE LICENSE.

PRESIDENT'S CORNER

Greetings, one and all,

Wow, summer is almost gone! Another three weeks and Autumn will be here. You know what that means? In Texas, nothing, absolutely nothing! It will still be hot outside. Again, many thanks to those involved with our HVAC repairs last month.

Seven club members and a new prospective member attended our August business meeting. We had four applications for membership and all were approved unanimously. Welcome everyone!

Our annual summer picnic was a rousing success. Many thanks to Paul, AE5OJ for coordinating, Pete, KB5HTF for his expertise on the grill, and everyone else who decorated and brought food, etc. The "Border Chorders" shared in our festivities and provided us with a medley of their music to round out a memorable afternoon. Thank you one and all.

It is with a heavy heart we announce another "Silent Key Dr. Larry Nickey, KB5BDY, a longtime Club member who passed away this month. Our condolences go out to his family and many friends. He will be sadly missed.

As the end of the year approaches, it is time to elect new Club officers and trustees. I would ask all members to look inside themselves and offer to participate in a Club office. It seems like only "the usual suspects" offer their leadership to help the Club move forward. If you are worried, don't be, everyone will lend you his or her support. We will be taking nominations this month and next, will elections also in October. So "come on down," join in and support your Club. P.S. I will not be seeking re-election!

On the agenda for this month: Alamogordo HAM fest, Sep. 1st, Labor Day, Sep. 3rd, Duke City HAM fest, Sep. 21, 22, & 23 in Albuquerque, and PIZZA, Sep. 28th at the Clubhouse. Also, Technician classes will be starting on September 15th.

School started early this year, so be especially careful in and around the school zones. Drive carefully everyone.

73,
 Paul, K1DPR



DEC Bulletin

Let's suppose there is a situation for an EMOMM activation requiring HF communication over a short range. I'm talking about an area within the WTX Section or within a smaller state. The radio is the same regardless of the size. The antenna is the key factor here. I'm referring to a NVIS antenna. NVIS stands for Near-Vertical Incidence Skywave. It is used for short range communications from 200 to as much as 500 miles. It can fill in the skip zone for us.



I'm also bringing this up because we have been experiencing some bad band conditions during our WTX Digital Message Exercises. It's my belief that most of the participants have been using their fixed station antennas. These antennas are higher and have a lower beam angle making their signals shoot over top of us. If we direct that beam angle higher then it will return to earth at a shorter distance.

I'm not going to get into a lot of technical detail here because there is a ton of information out there on the web. In fact, I will not even scratch the surface of NVIS. The ARRL has an excellent book called Near Vertical Incidence Skywave Communication written by LTC David M. Fiedler, (NJ ARNG) (RET) and MAJ Edward J. Farmer, P.E. (CA SMR). I encourage you readers to check these sources out for yourself. For those of us in the EMCOMM business be aware that there will come a time when we will be asking to send messages to someone that is outside the range of the UHF or VHF bands. Our other alternative is HF modes. Either voice or digital modes. We must be ready for what comes our way.

For NVIS to work we are talking about frequencies between 2 and 13 MHz the signal must be bounced off the F-layer back to earth. Frequencies as low as 2 MHz would be used at nighttime and up to 13 MHz would be used in the daytime. Think about this. This only leaves us with the 30, 40, 60 and 80-meter bands. The 30 and 60-meter bands could be used during twilight and dusk when the 40-meter band is shutting down, and the 80-meter band has not yet opened and visa-versa. So, the 40-meter band is a daytime band and the 80-meter band is the nighttime band. This arrangement is primarily due to the D layer. In the

daytime it is present and absorbs frequencies in the MF and HF range making 80 meters unreliable. At nighttime the D layer dissipates, and the 80-meter band becomes reliable.

How high do we put the antenna up? The answer is from one quarter to a half wave. This directs our beam angle more upward than outward. Thus, when the signal is bounced back to earth it will be a shorter distance. So, the height will vary depending on the distance to be covered.

If the EMCOMM group has a band plan for the section the NVIS antennas can be tuned to the proper frequency and eliminate the need for the tuner. If the NVIS antenna is a multiband such as a 40/80-meter cross dipole antenna, then a tuner would most likely be required.

Other News:

This is not an endorsement for Amazon, but did you know? AmazonSmile is a simple and automatic way for you to support your favorite charitable organization every time you shop, at no cost to you. When you shop at smile.amazon.com, you'll find the exact same things as you will on Amazon.com. Amazon will donate a 0.5% of the purchase price to your favorite charitable organization. The ARRL and other amateur radio organizations are listed as charitable organizations, so you can choose them if you wish. Click on the link above and get registered. -

El Paso County ARES® (EPCARES) has immediate openings for communications teams in support for our local area hospitals. The teams consist of two – three technician or above class operators. Must have mobile radios not mounted in the vehicle. The hospitals have the antennas and transmission lines available for the teams to connect to. Contact me at the email shown below or come out to the next ARES meeting.

Questions and comments regarding the content of this article are always welcome and encouraged. Send an email to the address shown below.

Lew Maxwell, KB5HPT
DEC, District 6 – Far West Texas
Email: kb5hpt@arrl.net

El Paso Times August 23, 2018

Dr. Laurance Nickey, who was the director of the El Paso City-County Health District in the early 1990s, died Tuesday at 87.

During his 12-year tenure, Nickey made numerous contributions to improve the health of border residents. He is credited with starting an oral polio immunization program in 1963.

In an interview with the University of Texas at El Paso in 1991, Nickey said people were charged a quarter for the vaccines and health workers administered almost 800,000 doses to people of all ages.

"We got people from the Medical Society to donate time and from the Pharmaceutical Association, from the many different service clubs, and we gave this in schools," he said in the interview. "And we lined up all over, everywhere, and gave it in the churches and gave it out at the El Paso Sheriff's Posse and gave it Downtown at the San Jacinto Plaza and gave it all over West Texas and Southern New Mexico."

Nickey also improved treatment for El Pasoans with tuberculosis.

Fernando Gonzalez, lead epidemiologist with the city-county health district, said he first met Nickey around 1989 when he was working with the Pan American Health Organization.

"Dr. Nickey was the person who opened my eyes and my heart to getting into public health," he said. "The binational tuberculosis project was a collaboration of both governments (El Paso and Juárez) in order to provide diagnosis, treatment and follow-up for tuberculosis patients regardless of what side of the border they were on."

Gonzalez said Nickey was a wonderful physician who didn't see boundaries when it came to public health.

"One of his phrases was, 'Diseases have no passports,'" Gonzalez said.

Nickey also worked toward providing more access to prenatal care. Among his successful efforts was helping secure health insurance for newborns and getting a Texas Department of Health grant that hired more people to provide prenatal care in seven clinics.

In the interview with the university, Nickey expressed his love for the city of El Paso, where he raised his family and grandchildren.

"It's a wonderful town with a lot of wonderful people, and I just hope it continues to grow in a meaningful manner that my grandchildren will enjoy as much as I have enjoyed it. (There is) a terrific amount of good

Dr. Laurance Nickey KB5BDY, former director of El Paso City-County Health District, dies at 87



Larry Nickey, KB5BDY was a ham and W5ES member since 1987. He holds the license class of Technician+. One of his favorite activities was working 10 meters every Sunday morning to pass out contacts for the "Worked All El Paso" certificate.

Larry is best known by fellow El Pasoans as Dr. Nickey, Pediatrician, City/County Health Director, and tireless supporter of U.S.-Mexico border health issues. Larry graduated from Baylor College of Medicine in 1955 and is affiliated with Sierra-Providence Hospitals. He published several articles on childhood infectious diseases and local food health issues. He has contributed to the establishment of the U.S.- Mexico Border Health Commission. He was El Paso City/County Health Director for 12 years before retiring in 1995 to assume the post of President and Chief Executive of Paso Del Norte Health Foundation.

Larry was a Westside resident where he lived with his lovely wife Jan and, until recently, was seen walking his favorite dog Matilda III. His daughter, Donna Nickey Serna was kind enough to bring Larry to the club house on occasion to check out the "Shack."

folks that are doing lots of good things, and we do them with very little," he said.

He came to El Paso at the age of 2 months with his parents, Laurance N. Nickey and Jennie Maye Langston Nickey. He attended Dudley Grammar School and graduated from El Paso High School, the University of Texas at El Paso and Baylor University College of Medicine.

Before becoming the health director, he was in private practice as a pediatrician for 23 years.

Funeral services with Martin Funeral Home are pending.

Birthdays in September

Richard Rosario	AE5MF	September 6
Ron Kowalzik	KC5RHK	September 15
Thomas Meier	KO7O	September 17
Pete Ellis		September 21
Kazuko Wilson		September 27

National Preparedness Month - Sept

September is National Preparedness Month and it's a great time to help individuals and families in your community, as well as employees and students, be prepared for any crisis. Positive Promotions offers a variety of emergency preparedness products, including budget-friendly disaster guides and preparedness booklets, first aid kits, safety reminder magnets, emergency phone number stickers, personal emergency survival kits, flashlights, and more.

Alamogordo Ham fest September 1

The Alamogordo 34th Annual Ham fest will be held Saturday, September 1st at the **Otero County** Fairgrounds, 401 Fairground spreading Alamogordo, N M 88310

Website: <http://www.qsl.net/k5lrw/index.htm>

Talk-In: 146.800 (PL 100)

Public Contact: Richard Norton, KB7SQF
5980 Highway 54 S, Unit 3501 Alamogordo, NM
88311 Phone: 575-491-4290

Technician Licensing Classes

September 15th, 22, & 29

Leading up to our VE Session on October 6 we will be holding Training/review classes for Technician License on Saturday Mornings from 9:00 AM to 12:00 Noon For more information call Paul AE5OJ (915) 253-4952.

Duke City Ham fest Sept 21-23

New Mexico Hamvention, Inc., organizer of the Albuquerque Duke City Ham fest, is delighted to announce that the ham fest will host the ARRL's Rocky Mountain Division Convention this year. The combined meeting, which runs from **Sept. 21-23, 2018**, will be held at the Isleta Resort and Casino's convention facility, on the historic Isleta Pueblo, just a stone's throw south of Albuquerque's Support.

For more details and registration go to website:

www.dukecityhamfest.org/reserveandregister

Repeaters

The W5ES repeater frequency is 443.150 MHz with a positive 5MHz offset and CTCSS tone of 173.8 Hz. The Repeater will handle analog and C4FM digital.

Our WIRES-X Node number is 11584

Our WIRES-X Room number is 21584

W5ES Members have several repeaters active at the club house and on the Eastside of El Paso as follows:

KE5OIB – 147.360 +Offset PL 192.8 with Club Announcements

KE5OIB - 444.750 + offset, PL 192.8 with Club Announcements

N6TOC - 444.375 + offset, PL 100 with Club Announcements & ECHOLINK, node-2975

Border Chorders Entertain W5ES

All members and guests who attended the Picnic Saturday night enjoyed the melodious tones of the Border Chorders Barbershop Quartet Chorus.

The Chorus rehearses every Tuesday at 7:00 PM.



SEPTEMBER 2018

COMING EVENTS CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4 LABOR DAY	5	6	7 7:00 PM K5WPH meeting 3709 Wickham	8 VE SESSION K5WPH 3709 Wickham 9:00AM-12:00PM
9	10 Keep El Paso Beautiful Mtg. 5:00 PM	11 Border Chorders Rehearsal 7:00 PM	12	13	14 W5ES 8:00 PM Business Meeting	15 TECH License Class 9:00AM W5ES 2100 San Diego
16	17	18 Border Chorders Rehearsal 7:00 PM	19	20 Prospector's Club Meeting 7:00 PM	21 7:00 PM K5WPH meeting 3709 Wickham	22 TECH License Class 9:00AM W5ES 2100 San Diego
23/30	24	25 Border Chorders Rehearsal 7:00 PM	26	27	28 W5ES 6:00 PM PIZZA DINNER	29 TECH License Class 9:00AM W5ES 2100 San Diego



El Paso Amateur Radio Club
2100 San Diego Ave.
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