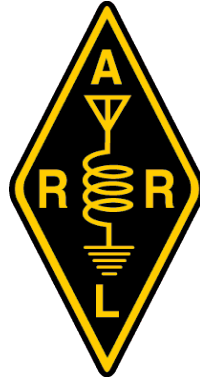


The  
**W5ES**  
 BULLETIN  
 The El Paso Amateur Radio Club  
**February 2024**  
 A 501 c (3) Organization



♥ happy ♥  
*Valentine's*  
 ♥ day ♥

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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**

Another year has come and gone! We are in the process of setting up our new workshop-repeater room. When finished we will have WIRES X, DMR, D STAR, and a regular analog repeater. We are 3-4 weeks away from having this project finished.



On February 3<sup>rd</sup>, our VE team will hold a VE session at the clubhouse at 2100 San Diego, So, when you are ready to test or ready for upgrading, please get a hold of Chris Roberts KC8GOQ and get yourself scheduled. We have a great team of VE's who are just waiting to help you succeed.

February 9<sup>th</sup> will be our normal business meeting at 7:00 PM. All members are invited. We will be discussing the facility, including moving the electrical service or antenna tower to eliminate a potential hazard.

On February 23<sup>rd</sup> we will have a potluck dinner at 7:00PM which should be very good, so bring your favorite dish and your appetites. This will also be our program night which Should be very interesting.

If you have any ideas on how to make our club more viable, please send us your suggestions, or better yet, come to the meetings! aNd be heard. We need more participation and brainstorming from our members.

**Don't forget club dues are due on January 1, 2024, you may pay dues by mail to W5ES EPARC, 2100 San Diego St. El paso, Texas 79930. Our PayPal account allows you to pay your dues and/or make your contribution electronically. Please consult the w5es website for more information.**

73,  
 Jim KI5GTJ

## **DEC Bulletin**

How will the Amateur Radio Emergency

Service®(ARES®) be used by the disaster relief

agencies? It is simple to answer that. It all starts with

how the National Memorandum of

Understanding (MOU)

between the ARRL and the served agency reads. Plus, if a Statement of Cooperation already exists between the local served agency and ARES® is agreed to will determine how ARES® will be used. Usually, the regional office for the served agency will give their specifications for the type of amateur radio stations that will be used. The local offices will also have an input. Especially if they are going to put up some funding to purchase the equipment for a permanent radio station for their office. In the case of the American Red Cross station here is El Paso the specifications included that it must be capable of sending messages and forms using the Winlink 2000 (email via amateur radio) system. Any portable station brought in by ARES® will have to meet the same specifications. For a permanent station the served agency may specify what equipment will be ordered then it is up to ARES® to make sure that the equipment gets installed and made operational.

After the station equipment has been installed and made ready for use the question becomes when will amateur radio operators be used? First off, the served agencies and ARES® are not first responders. This means that any activations would likely not happen until sometime well into the recovery phase of the incident or disaster. There will be plenty of time for any coordination talks between the agency and ARES® Emergency Coordinator (EC) to take place. Normally if the agency's primary method of communication is intact, they would not need to call ARES® resources. When the primary communications become overloaded or completely fails then they would call in ARES® operators. When the ARES® operators arrive on site they will be expected to communicate with the designated destination operator on amateur frequencies. The ARES® operator could be tasked to operate the agencies' radios on non-amateur frequencies. This would be in accordance with the MOU or Statement



of Cooperation and the agency would also take care of the licensing authorization.

In large scale disasters or events preexisting relationships between the served agency and ARES® are crucial until help can arrive. In these instances, most likely local communications will be down. The other thing that will be impaired will be transportation routes. They will most likely be closed with down trees and power lines. So, evacuation and help arriving will take some additional time. Amateur radio can bridge the "last mile" until help arrives. Bridging the last mile is an important concept in emergency communications. The "last mile" is defined as the path across an area where conventional communications have been disrupted or overloaded.

Another thing to remember is that what may work in one area may not work in another area. ARES® groups can adapt to different situations on the fly. In the end ARES® operators are responsible for reestablishing lines of communications out of and into a disaster area. It is also an ARES® responsibility to help ensure that the agencies' goals are successively achieved. Keeping open lines of communication will make this possible.

*The terms ARES® and Amateur Radio Emergency Service® is both registered trademarks of the American Radio Relay League, Inc. and are used by permission.*

Questions and comments are always welcome and encouraged. Send an email to the address shown below.

Lew Maxwell, KB5HPT

Amateur Radio Emergency Service

DEC, District 6, WTX Section

Email: [kb5hpt@arrl.net](mailto:kb5hpt@arrl.net)

TX RACES: DRO-8A

## VE Testing News

For the past year, the W5ES VE team has implemented a digital paperwork process that has made testing faster and easier than ever. The VE team has also held multiple online test sessions. Thinking of upgrading? We can help make it happen on your schedule, from the comfort of your QTH. Email Chris ([kc8goq@qsl.net](mailto:kc8goq@qsl.net)) for more information about online testing. The next VE session will be held on February 3, 2024, at W5ES 2100 San Diego, at 9:00 AM.

## Business Mtg. February 9 7:00PM

Our next business meeting will be held Friday February 9 at 7:00PM. Program night will be Friday February 23 at 6:00 PM. The Dinner will be POTLUCK! Program to be announced.

## Repeaters

W5ES repeater is 443.150, + Offset, PL 173.8 Automatic analog and C4FM digital.

**Wires X    Node: 11584    Room: 21584**

### Amigo Link Repeaters

145.290	- Offset	PL 100
146.700	- Offset	PL 114.8
147.240	-660 Offset	PL 162.2
147.280	+ Offset	PL 67
147.320	+580 Offset	PL 162.2
443.400	+ Offset	PL 100
444.200	+ Offset	PL 100
442.825	+ Offset	PL 100
442.950	+ Offset	PL 67
144.325	+ Offset	PL 94.8

## Net Meetings

Don't forget our Sunday night net at 7:00 PM on the Amigo Link. See list of Amigo Link frequencies.

Also - -

**2-Meter Sideband Net** -Sundays at 8:00 PM on 144.200.  
**D-STAR Net** Mondays at 7:15PM on Reflector  
**55AWTRA** – Mondays at 8:00 PM on Amigo Link repeaters.

## W5ES Merchandise

Kelly KB2RN has been hard at work and set up an online store featuring W5ES branded items with the club logo.



Items include cups and mugs, stickers, t-shirts, sweatshirts, and handbags. There are many colors and styles to choose from, so hopefully there is something for everyone. Part of the proceeds come back to the club. To visit the web store, go to [www.w5es.org](http://www.w5es.org) and click on the store on the main page of the club website.



2024 February



COMING EVENTS CALENDAR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 West Texas Zoom Mtg. 7:00 PM	2	3 VE Exam WSES 2100 San Diego 9:00 -Noon
4 WSES NET 7:00 PM AMIGO LINK	5 D-Star Net 7:15 PM WTRA NET 8:00PM	6	7	8 West Texas Zoom Mtg. 7:00 PM	9 WSES Business Mtg 7:00 PM	10
11 WSES NET 7:00 PM AMIGO LINK	12 D-Star Net 7:15 PM WTRA NET 8:00PM	13	14  Valentines Day Ash Wednesday	15 West Texas Zoom Mtg. 7:00 PM	16	17
18 WSES NET 7:00 PM AMIGO LINK	19  Presidents Day	20	21	22 West Texas Zoom Mtg. 7:00 PM	23 WSES Program Nite 6:00 PM	24
25 WSES NET 7:00 PM AMIGO LINK	26 D-Star Net 7:15 PM WTRA NET 8:00PM	27	28	29 West Texas Zoom Mtg. 7:00 PM		
				7		