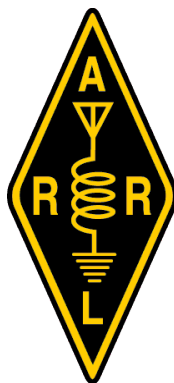


The  
**W5ES**  
 BULLETIN  
 The El Paso Amateur Radio Club  
 May 2021  
 A 501 c (3) Organization



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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

We finally had some April showers on the 28<sup>th</sup> and 29<sup>th</sup> of April! We'll need a lot more if we want to see those May Flowers. We'll miss the poppies on the Franklins this year.

We are thankful and grateful to learn that Keith Amspaugh, WD4ISK is home and on the mend. We are seeing some relief in the meeting restrictions as more people are vaccinated. We hope that all of you now will schedule a time for the Covid-19 vaccination.

I want to remind everyone that June 26<sup>th</sup> and 27<sup>th</sup> is Field Day and an opportunity to grab that mike and make a few contacts. It should be more interesting as the HF bands are opening up. Plans are still on track for our 4<sup>th</sup> of July picnics at the clubhouse with Burgers, Brats, and all the trimmings.



The FCC has release updated regulations on RF Exposure and Safety. All Hams should log on to this link: [ARRL.ORG/RF-EXPOSURE](https://www.fcc.gov/rf-exposure) to review guidelines and complete the Exemption for Station Evaluation worksheet if you are below the guidelines or the Station Evaluation Worksheet if your power is above the guidelines for that band. You do not need to submit your results, but you should maintain a copy in your files.

**We are having a sale!! Check out the pictures, Thanks to Clay, and instructions in the following pages. BID OFTEN!**

We continue to enjoy increased involvement at the ARRL West Texas Section level thanks to weekly ZOOM meeting with Dale, W5WI, and David, KF5WDJ. We had had some great presentations on Sky Warn, weather Radar, and WINLINK as we enter this volatile season of spring storms. We encourage all of you to set aside time on Thursday evenings to tune in. I will try to get the Zoom links to you sooner.

Stay Healthy, Stay Happy.

73,

Paul AE5OJ

Visit us on the web: [w5es.org](http://w5es.org) or [www.qsl.net/w5es](http://www.qsl.net/w5es)

## DEC Bulletin

For the past few of years I have turned to social media to keep up on the happenings with major events such as hurricanes, wildfires, etc. Social media has been the best way to get situation awareness, and to advise people on what to do, where to get help, and how to help. A lot of cities/counties/states use Twitter and NOAA Weather Radio to give out real time information for incidents still in progress. An example during hurricanes Irene and Sandy - disaster relief agencies were telling people to "Text First, Talk Later". In other words, use your cell phones and send your own health and welfare messages to family and friends. Send only I-M-OK by text. Texting uses much less bandwidth and will not overload the circuits. After the recovery efforts have begun and the heavy traffic on the cell towers has subsided then make your phone calls. Another option is the city, county, or police and sheriff's departments have a Facebook page, and this is the best place to get information or updates. Another source of information for both preparation and current information are smart phones. There are App's available for all the smart phones for just about any situation imaginable. This will also help ARES® out by not having to handle the Health & Welfare (H&W) traffic leaving us free to handle the FLASH and Immediate traffic. Our digital message modes do not have a specific H&W category anyway. Any H&W messages input to our Winlink system would be handled as routine email. Get these social media tools and technologies in your tool bags to improve your situational awareness.



On April 20, 2021 I upgraded the KB5HPT-10 Radio Message Server (RMS) to the VARA FM Wide mode. I installed a Master Communications, Digital Radio Adapter (DRA) interface that will allow us to be able to do the faster modes. The DRA-50 board is a sound card modem that replaces the Signalink USB. The Signalink USB that was on the RMS would only do the VARA FM Narrow mode. Both modes, narrow and wide are ten times faster than the packet modes. The VARA FM narrow is capable of speeds up to 12K bps while the VARA FM wide can achieve over 25K bps. VARA FM will automatically adjust the speed to accommodate the conditions it is experiencing. As the name implies the narrow uses less bandwidth than the wide mode. The KB5HPT-10 RMS DRA board by default is in Wide mode, but if it detects a narrow signal connecting it will automatically throttle back and accept the narrow connection.

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Questions and comments are welcome and encouraged regarding the content of this article. 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)

## Helpful Websites

### CDC Guidelines -

<https://www.cdc.gov/coronavirus/2019-ncov/index.html>

### Grocery Safety -

<https://youtu.be/sjDuwc9KBps>

### Area Ham Activities -

[Hamradioelpaso.com](http://Hamradioelpaso.com)

## WINLINK 2000 Info

Here is the site to download Winlink Express:

<https://downloads.winlink.org/User%20Programs/>

Here is the link to the Group.io website.

<https://groups.io/g/Winlink>

## Meetings and Nets

**W5ES** – Sundays 7:00PM on The Amigo Link

**2-Meter Sideband Net** -Sundays at 8:00 PM on 144.200.

**D-STAR Net** Mondays at 7:15PM on Reflector 55A

**WTRA** – Mondays at 8:00 PM on Amigo Link repeaters.

**W5ES ZOOM Meeting** – Friday April 9 & 23.

at 7:00PM. Link, ID, and Password will be sent out by email.

## Birthdays in May

Charles Woods	WA5KYV	May 9
Robert Hibbert		May 17
Mary Emert	WB5UNG	May 28
John Moore	N5RK	May 29

## Repeaters

W5ES repeater is 443.150, + Offset, PL 173.8

Automatic analog and C4FM digital.

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

KE5OIB – 147.360 +Offset PL 192.8 with Club Announcements

KE5OIB - 444.750 + offset, PL 192.8 with Club Announcements

N6TOC - 443.375 + offset, PL 100 with Club Announcements & ECHOLINK, node-207517.

# 2021 May



## COMING EVENTS CALENDAR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 K5WPH VE SESSION Wickham 9:00AM-12:00PM
2 W5ES NET 7:00 PM AMIGO LINK	3 D-Star Net 7:15 PM WTRA NET 8:00PM	4	5	6 West Texas Zoom Mtg. 7:00 PM	7 W5ES Meeting on ZOOM	8
9 W5ES NET 7:00 PM AMIGO LINK	10 D-Star Net 7:15 PM WTRA NET 8:00PM	11	12	13 West Texas Zoom Mtg. 7:00 PM	14	15
16 W5ES NET 7:00 PM AMIGO LINK	17 D-Star Net 7:15 PM WTRA NET 8:00PM	18	19	20 West Texas Zoom Mtg. 7:00 PM	21 W5ES Meeting on ZOOM	22
23 W5ES NET 7:00 PM AMIGO LINK	24 D-Star Net 7:15 PM WTRA NET 8:00PM	25	26	27 West Texas Zoom Mtg. 7:00 PM	28	29
30 W5ES NET 7:00 PM AMIGO LINK	31 D-Star Net 7:15 PM WTRA NET 8:00PM			7		

## W5ES REMOTE EQUIPMENT SALE

We have decided to list some of the used equipment that has been accumulating at the Clubhouse. Thanks to Clay, K5TRW, for photographing and listing the items to follow. We will keep the items for sale until a bidder reaches the suggested price. Any underbids will be held until May 30 and awarded at the discretion of the Board of Directors.

All bids should be submitted to the W5ES Email address: [W5ES.EPARC@GMAIL.COM](mailto:W5ES.EPARC@GMAIL.COM).

Please include your Name, Call Sign, your Offer, and the Date. Payment can be made upon delivery by check or cash. Arrangements can be made to pay in advance through PayPal by credit or debit card.



B & W Dummy load / Watt Meter  
Needs new power cord  
Sells for 199.95 **Yours for \$50.00**



TEN-TEC Argonaut V  
Model 334A HF Transceiver  
Sells for \$599 **Yours for \$275.00**



ICOM IC-735  
Power cord & Microphone  
Sells for \$498 **Yours for \$250**



Radio Shack DSP 40  
Digital Signal Processor  
**MAKE OFFER**





Kenwood TS-440S  
PS-50 Power Supply & SP-430 Speaker  
Sells for \$300 **Yours for \$150**



Kenwood SW-2000  
SWR/Power Meter HF/Power Meter  
Watt - HF 2000 UHF 600 Watt  
Sells for \$145 **Yours for \$75**



MFJ-4070  
Electronic Keyer  
**MAKE OFFER**



ALPHA DELTA  
DELTA 4 Antenna Switch with Surge Protection  
Sells for \$109 **Yours \$50**



Diamond SX-200 SWR Power Meter  
1.8 - 200 MHz 200 Watt  
Sells for \$104 - **Yours for \$40**



Ham 4 Rotor with a Hy Gain Control box  
Sells for \$350 **Yours for \$150**



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