

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

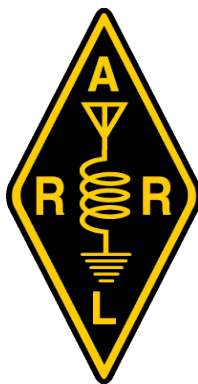


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W5ES BULLETIN IS PUBLISHED MONTHLY BY THE EL PASO AMATEUR RADIO CLUB
2100 SAN DIEGO AVE. EL PASO, TX 79930-1320.

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President's Corner

Greetings to all our ham community. Good things are happening!

Field Day will be June 22-23rd at Album Park (Eastwood Park) We hope people will be participating and supporting this event. We need volunteers to help with setup, teardown, and working the bands for one hour or more. This is our opportunity to demonstrate our skill and service to the public. We plan to have two rigs on the air so don't be bashful. It's a lot of fun! Jim and Javi have volunteered to work overnight



We will have a VE session June 1st at 0900 at W5ES walk ins are encouraged. For more information on testing or making an appointment contact Chris Roberts, KC8GOQ@QSL.Net.

We should be enjoying the fruits of our labor as a new stove has been installed and it looks great! A big thank you goes out to Clay, Pete, Javier, Jim, and Joel on this project. It was quite the ordeal converting it from gas to electric. Seems like it's a never-ending job.

Joel N6TOC will be doing some tower work installing some new antennas and running some new transmission lines. We should be up and running with some new toys to play with.

If you've been avoiding the club meetings due to the road and watermain construction, there has been great improvement. Cotton St. is almost completely re-paved. There is one rough section right at the corner but you can drive around the signs. Its OK!

All in all June will be a very productive month for us.

Jim McCain-KI5GTJ
President W5ES

DEC Bulletin

The North American Monsoon Season begins on June 15 and will run through September 30. This is when we in the desert southwest get most of our annual rainfall. I thought this would be an opportune time to talk about some of the things weather spotters should do and have in their possession while out spotting storms. As you found out the SKYWARN® training does not talk about amateur radio. I am going to list some equipment that could make spotting easier. I am in no way suggesting that you should rush out and purchase all the equipment.



Safety is of course first and foremost in weather spotting. Always pick a vantage point where you are not in the path of the storm. Keep a safe distance from the storm. Have a map of the area available to determine the best escape route in case the storm changes course. The best vantage point is on the right rear flank of the storm. From this vantage point the spotter can see what is coming behind the current storm. Unfortunately, we in the desert southwest cannot always have this vantage point due to the border with Mexico.

Form a team of two people. One is the driver that concentrates only on driving and the road conditions. The other person is the navigator, spotter, and radio operator. The radio operator should always be in contact with the net control station if a net is in progress. Otherwise, it would be a good idea to have a fixed station on frequency that is aware spotters are in the field and near the storm. The net control station or fixed station should also have a radar image available and can warn the mobile spotters in the field of possible storms coming up behind them.

The station out at the El Paso NWS can handle HF, UHF/VHF analog, or UHF/VHF DV (D-Star) reports.

Having an APRS tracker in the vehicle is another asset. This way operators at the NWS can track your location on APRS.FI while in the field.

The D-Star mode brings some capabilities that are unique to the nets. The same radio can be used to

receive voice reports and run D-RATS to send/receive low speed data spotter report forms with attached photos. D-Star also has its own form of APRS called D-PRS so the spotters can be followed in the field on the Internet. D-PRS tracks are also available on APRS.fi. A word of advice when using D-PRS set the radio to beacon position information only when the PTT is depressed. The location can be determined, and the NWS operator can have your back. D-Star does not necessarily need the Internet present. It also works great on simplex or over a local D-Star repeater. However, D-Star can be used to quickly set up a wide-area network with the use of the Internet and reflectors. This would be especially effective in situations such as tornados when getting reports back to the state capital would be important. D-RATS has a map which is provided by Thunderforest Maps. There are different overlays that can be displayed. One is the Landscape, and this overlay shows contour lines. Tell D-RATS that an external GPS receiver is attached eliminates the guess work as to exactly where you really are. It will read the coordinates from the GPS receiver and insert them in the report form for you.

Have navigational aids such as a Magellan or Garmin GPS unit for the vehicle, and an up-to-date paper map as a backup is a good idea. City and county maps will assist in finding escape routes. Topographical maps provide contour lines and elevation that can assist in determining a suitable location to spot from. Google Earth maps are current maps for laptops.

This is part one of a three-part article. We will get into some of the items that will be needed and some nice to have items while out spotting for the NWS next month.

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Questions and comments are always welcome and encouraged concerning this article. Send questions and comments to the address shown below.

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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) for more information about online testing. The next VE session will be held on June 1, 2024 at W5ES 2100 San Diego St. from 9:00AM to Noon.

Business Mtg. June 14, 2024 7:00PM

Our next business meeting will be held Friday June 14 at 7:00PM. Program night will be Friday June 28 at 6:00 PM. The Event will be burgers on the grill.

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

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 and click on the store on the main page of the club website.



In Loving Memory

Wayne Calk

N5ZWC

May 29, 1947 — February 26, 2024



FORT WORTH - Royce Wayne Calk died unexpectedly in his home on February 6, 2024, at the age of 76.

Wayne, N5ZWC, as we knew him was a member of W5ES and K5WPH. Wayne will be sorely missed by his friends and fellow hams.

Royce was born on May 29, 1947 in Grayson County, Texas to Grace and Louie Calk. He graduated from C.F. Brewer High School in 1965 and voted most likely to succeed. Royce served in the U.S. Army in Vietnam. He attended the Defense Language Institute in Monterey CA, an entity of the United States Department of Defense. He later graduated from The University of Texas at Arlington in 1974 with a BBA in Business and Accounting. Royce quickly began working for Price Waterhouse as a CPA. He then transitioned to becoming the Vice President with D.B. Drilling of Abilene, Texas. He later co-founded Pyramid Drilling Inc with another colleague in Abilene, Texas. After moving back to Fort Worth, Royce went on to complete his career at Western Production Co. before retiring.

2024 June



COMING EVENTS CALENDAR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 VE Exam WSES 2100 San Diego 9:00 - Noon
2 WSES 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	8
9 WSES 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 WSES Business Mtg 7:00 PM	15
16 WSES 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	22 FIELD DAY
23 FIELD DAY	24 D-Star Net 7:15 PM WTRA NET 8:00PM	25	26	27 West Texas Zoom Mtg. 7:00 PM	28 WSES Program Nite 6:00 PM	29
30				7		

WSES PLANNING GUIDE						
Tentative Schedule						
2024						
JANUARY	12	7:00 PM Business Meeting	26	6:00 PM Pizza Party	Pico Balloon Presentation	Quarterly Board meeting TBD & ARRL Winter Field Day 28-29
FEBRUARY	9	7:00 PM Business Meeting	23	6:00 PM Pot Luck Dinner	Antenna Grounding	1st Sat 9AM VE Session
MARCH	8	7:00 PM Business Meeting	22	6:00 PM Fish Fry	DMR Demo	
APRIL	12	7:00 PM Business Meeting	26	6:00 PM Ice Cream Social		Quarterly Board meeting TBD & 1st Sat 9AM VE Session
MAY	10	7:00 PM Business Meeting	24	6:00 PM Mexican Dinner		Raffle
JUNE	14	7:00 PM Business Meeting	21	6:00 PM Burgers	Field Day Prep.	ARRL Summer Field Day June 24-25 & 1st Sat 9AM VE Session
JULY	12	7:00 PM Business Meeting	19	6:00 PM Italian Dinner		Quarterly Board Meeting TBD
AUGUST	9	7:00 PM Business Meeting	23	6:00 PM Chili Cook Off	Repeaters	1st Sat 9AM VE Session
SEPTEMBER	13	7:00 PM Business Meeting	20	6:00 PM End of summer BBQ		Emergency Preparedness Month
OCTOBER	11	7:00 PM Business Meeting	25	6:00 PM October Fest Dinner	WAE Prep	Quarterly Board Meeting TBD & 1st Sat 9AM VE Session
NOVEMBER	8	7:00 PM Business Meeting	22	Thanksgiving - No meeting	Thanksgiving Dinner Food Collection	WAE Contest 4-5
DECEMBER	13	7:00 PM Business Meeting	27	6:00 PM Holiday Feast	Christmas Party Gift Exchange	1st Sat 9AM VE Session