

The
W5ES

BULLETIN

The El Paso Amateur Radio Club

July 2019

A 501 c (3) Organization



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OFFICERS

President	Mary Emert	WB5UNG	588-1151
	maryhemert@gmail.com		
Vice-Pres.	Robert Moses	KA5OXC	533-8815
	rhmoses@earthlink.net		
Secretary	Paul Roberts	K1DPR	208-680-42102
	k1dpr@yahoo.com		
Treasurer	Pete Hensgen	KB5HTF	593-0712
	phensgen@utep.edu		

TRUSTEES

Gene Tucker	KF5EAJ	497-6991
gmt181437@gmail.com		1 years remaining
Greer Craig	K5VQN	526-6250
greercraig@gmail.com		2 years remaining
Clay Emert	K5TRW	859-5502
cemert@elp.rr.com		1-year remaining
Keith Amspagh	WD4ISK	926-9798
keith@kcomm.net		2 Years remaining

Editor Paul Wilson AE5OJ

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

PRESIDENT'S CORNER

Half the year is gone. I think we've had some good times, made new friends and lost some old ones

We had a nice turnout for Field Day, even though we didn't get to operate for the whole 24-hour period. Thank you, Paul AE5OJ for working so hard to make the plans and get things going.

We have some good programs coming up, I hope.

We'll learn more about the new technologies affecting ham radio. I hope we can visit again with the young team from UTEP who will be sending up their own satellite with NASA's help. Clay K5TRW is set to teach us to make a dipole antenna soon.

We don't have our dinner meeting themes set for July, August or September, so if anyone has any suggestions, holler.

We're having to change some things this holiday season. In the past, we didn't hold business meetings in November and December, but this year, because of elections, we will have to hold them.

Our web page is all updated and available at W5ES.com, W5ES.org and W5ES.net. So, check it out.

Come out and get involved making the decisions that will make our organization grow.

73

Mary WB5UNG

Visit us on the web: w5es.org or www.qsl.net/w5es



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DEC Bulletin

FIRST NET IS COMING!

and the Amateur Radio
Emergency Service®
(ARES®) and Radio Amateur
Civil Emergency Service
(RACES) is going to be no
more. DON'T BELIEVE

IT! Some in public safety and
disaster relief agencies have made some comments to
me that El Paso is going to switch over to First Net
and amateur radio may not be needed anymore.



So, what is First Net? It's the First Responder
Network Authority (<https://firstnet.gov/>). It's a
nationwide broadband network dedicated to first
responders. Amateur radio will not have access to this
network. This is okay with me. Why would we want
to be limited to channels of frequencies when we
already have bands of frequencies to choose from to
do our communicating on. The nice part about First
Net is that it will allow many different agencies to be
compatible with each other and will link many like
agencies so they can be in the same room to
collaborate with each other in real time. This network
will reside in hardened facilities. Could still be
exposed to cyberterrorism though. The slogan "When
all else fails, then amateur radio" may be a thing of the
past. The system may not fail.

Even after First Net is in place much of the services
that ARES® provides are still going to be valid. We
can still be eyes and ears on the ground by
implementing our KNOW YOUR NEIGHBORHOOD
program and call in damage reports to the EOC, the
American Red Cross or the National Weather Service.
We can pass critical information to the neighboring
communities. We can pass information back to the
EOC from places such as gaps or shadows where First
Net cannot cover. Such as along the base of the
Franklin mountain. We can get information into and
out of neighborhoods and back to the EOC. We can
adapt on the fly to changing situations such as scaling
up our communications teams when needed and
scaling down when demobilization occurs. We still
don't need infrastructure to operate. Amateur radio
systems have stood tall in the past during disasters and
emergencies making us a reliable source of
communications until help can arrive.

However, we need to be thinking outside of the box.
Think beyond analog voice. This is something that El
Paso County ARES® (EPCARES) has been doing for
the last decade and a half. We have two Winlink 2000
(WL2K) Packet RMS stations (email via amateur
radio) on the air 24/7 here in El Paso. If the recipient
has a valid email address, we can deliver an email
message to their inbox. We have WL2K HF stations
to work through the WL2K Radio Mail Servers
(RMS), or work Winlink Peer-to-Peer if needed. We
can send messages using Amateur Radio Digital Open
Protocol (ARDOP) or VARA HF using the WL2K
RMS or VARA FM Peer-to-Peer. Our Broadband
Hamnet Network (BBHN) is an asset that needs to be
expanded throughout the city. Anyone that would like
to sponsor a node on their tower would be appreciated
and should contact me as shown below. Anything that
can be done on the Internet can be done on the BBHN.
Being able to pass videos or pictures is critical to our
services. Expanding the local D-Star capabilities is
another asset. Adding the 1.2 GHz capabilities will
allow us to do Fast Scan TV back to the EOC.
Pictures speak a thousand words. Using the RS-MS1A
Android App allows us to send picture and real time
text messages back to the EOC.

For us to continue to provide emergency
communications for our community we need more
ARES® members. Go
to [http://www.hamradioelpaso.com/emergency-
coordination](http://www.hamradioelpaso.com/emergency-coordination) and see what needs to be done to become
an ARES® member. Being vetted and having the
proper credentials are more important than your
operating skills. That's just a fact of life in today's
EMCOMM world.

I am still looking for a few good amateur radio
operators to man amateur radio stations in our
hospitals.

- Amateur radio operators are needed to perform
hospital communications. Will work in
teams of two people (ARCT Type 4).
- Must complete FEMA courses IS-100c and IS-
700b. Additional training will be provided
locally.
- Hospitals will provide additional credentialing.

DEC Bulletin continued

- VHF/UHF radios capable of transmitting 25 watts will be needed.
- Will be required to man stations in the hospitals for all exercises and nets.

Get a friend and form a team. Contact me as shown below to get started.

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

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Lew Maxwell, KB5HPT
Amateur Radio Emergency Service®
DEC, District 6 – Far W Texas
Email: kb5hpt@arrl.net

Birthdays in July

Clay Emert	K5TRW	July 10
David Jeans	KF5RCC	July 14
George Bruner	AA7TJ	July 15
Waverly Dugger	WA5WAV	July 19
Francis Laverpool	KC5JOO	July 20
Hadley Robinson	K3FQE	July 26
Bob Scholz	N5IOY	July 28
Denise Conlon	W5DZM	July 31

Business Meeting July 12th 7:00 PM

Please support your club by attending and helping determine our future. Your voice and vote count!

FIELD DAY Wrap-up

W5ES participated in Field Day from the clubhouse at 2100 San Diego St. We had 2 HF stations and 1 VHF/UHF station. We operated from 1800 GMT until 1800 GMT on Sunday. (with a break from 10:00PM Saturday until 8:00AM due to band conditions). We used Solar panels and battery power. (We had to replace one solar panel, charge controller, and a deep cycle battery.

We only logged 89 contacts but 55 of them were CW thanks to Greer K5VQN and Rich WB7A.

Thanks to all 20 members and visitors who attended and those like Gerald, KF5HNF, and Joel N6TOC who worked all week to get our beam antennas installed and repaired. Thanks to Tom, KE5OIB for the snacks and drinks he dropped off.

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

IN CASE YOU MISSED IT...


Field Day June 22-23



2019 JULY



COMING EVENTS CALENDAR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	01	02	03	04 	05 K5WPH meeting 7:00 PM 3709 Wickham	06 K5WPH VE SESSION 3709 Wickham 9:00AM -12:00PM
07	08	09 07	10	11	12 W5ES 7:00PM Business Meeting	13
14	15	16	17	18	19 K5WPH meeting 7:00 PM 3709 Wickham	20 QCWA 11 AM Golden Corral Transmountain
21	22 Keep El Paso Beautiful Mtg. 5:00 PM	23	24	25	26 W5ES 6:00PM	27
28	29	30	31			
				7		



El Paso Amateur Radio Club
2100 San Diego Ave.
El Paso, Texas 79930