

SOCORRO AMATEUR RADIO ASSOCIATION

SARA NEWS

WWW.SOCORROARA.ORG

NOVEMBER 2018



MEETINGS

The minutes for meetings are at
www.socorroara.org/sara/minutes.

The agenda for meetings is located at:

www.socorroara.org/sara/agenda/agenda.pdf

The November meeting will be at the County Emergency Management Conference Room at 198 Neel Avenue on Nov. 8 2018.

This month our speaker is Dan McCulley from Intel. He will talk about the maker community. He is with the group that developed the now-discontinued Galileo and Edison boards. He's been invited to join us at the El Camino Restaurant for dinner at 6 pm.

CLUB OFFICERS

President: Skyler Fennell, KG0SKY
Vice President: Brad Smith KD5JNI
Secretary: Ray Calkins, N0RBT
Treasurer: Bill Heller, KG5NGN
Past President: James Boswell KA5SIW
ARES DEC /Director: Al Braun AC5BX
Newsletter Editor: Anneliese Bowman AD6UY
Suggestions or submissions: ad6uy@powerc.net

SARA REPEATER

SARA supports a VHF repeater located on Socorro Peak immediately west of Socorro. The repeater is "open". The autopatch is currently inoperative.

146.68 (-)
100 or 123 Hz required
123 Hz on output

SARA also supports a UHF D-STAR module 'B' operating at 444.500 MHz + 5.000
Registration instructions are at
www.socorroara.org/sara/repeaters/D_STAR_Gateway.pdf

COMING EVENTS

Albuquerque Winter Tailgate
January 26, 2019
Stoneface Tavern
8201 San Pedro Drive NE
Albuquerque, NM 87101

New Mexico TechFest
February 23, 2019
New Mexico Veterans' Memorial Event Center
1100 Louisiana Blvd. SE
Albuquerque, NM 87101
<https://www.rmham.org/wordpress/new-mexico-techfest/>

HAMFEST VE SESSION

We had 14 candidates for licensing at our session. 10 earned new or upgraded licenses: 8 Technician, 1 General, 1 Extra. \$ people were invited to keep studying and come back for the spring tests.

A VERY NICE NOTE

This was sent to Prescott Grey, W1PCG, and we include it here with permission.

Good Morning,

I just wanted to quickly say thank you! My youngest son Avery has recently taken an interest in Ham radio, and after we found your association's website together over the weekend we actually started looking into licensing options as a family. My husband thought it would be fun to do together, so a big thank you for sparking this idea for us! I also wanted to make sure I took the time to say that I think you've all done a really great job here.

Avery has asked me to share the article where we initially learned about amateur radio earlier this month with you, including how and when to use it as well as how it's used in emergency management operations. I've listed it below if you'd like to review!

We noticed you don't have this one listed, and Avery actually brought up that this could be something you might like to include for other beginners who could also be looking to you for some guidance here. If you find you are able to add this one somewhere, would you please let me know? I would love to surprise him if you're able - I think it would make his day to know he was able to 'pay it forward' (we're very big on that principle in our family) and contribute!

Anyway, thank you all again for your help here!

All the best,
Barbara and Avery Lincoln

HACKADAY CALLS IT THE DARK SIDE OF THE MOON

A Chinese lunar satellite allows hams to relay messages and download telemetry data.

<https://hackaday.com/2018/10/15/hams-see-dark-side-of-the-moon-without-pink-floyd/>

A NEW BATTERY MAY BE IN DEVELOPMENT

Nickel-hydrogen batteries may be a solution to storage of electricity produced by wind and the sun.

<https://arstechnica.com/science/2018/10/researchers-propose-a-cheap-nickel-hydrogen-battery-for-grid-storage/>

TARA REPEATER MOVED TO WEST PEAK SKYLER FENNELL, KGOSKY

After negotiating with the New Mexico Tech IT department, TARA reserved 1/2 a rack on West Peak for relocation of the repeater on Workman Hall. The repeater will have a full-time same channel link down to campus for AllStar linking functions. After difficulty finding a controller to perform the intended functions, a simple controller was constructed and designed out of an Arduino board. The repeater is on the same frequency and tone as before, just now located on the mountaintop. The repeater was successfully installed with Skyler KG0SKY and Ray N0RBT on Saturday Nov. 10 2018 and should give excellent I25 and HWY 60 coverage to Albuquerque, Magdalena, and San Antonio.

Anyone is welcome on the frequency, and can use standard AllStar Link functions once the link to Workman is setup. All linking functions are half-duplex, so please leave gaps between transmissions for anybody to be able to get in. Due to the link, the 123.0Hz TX CTCSS is only transmitted on input, so anyone using input tone on their radio will not hear the ID or courtesy beep, just voice traffic. The SkySystem AllStar hub will be linked in most of the time on AllStar node # 46079.

And some pics!

