

SOCORRO AMATEUR RADIO ASSOCIATION

SARA NEWS

WWW.SOCORROARA.ORG

JANUARY 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 January 2018 meeting will be at the County Emergency Management Conference Room at 198 Neel Avenue on Jan. 10.

Dinner at El Camino Restaurant at 6:00 pm before the meeting. 707 N California St, Socorro.

CLUB OFFICERS

President: James Boswell KA5SIW
Vice President: Brad Smith KD5JNI
Secretary: Bear Albrecht W5VZB
Treasurer: Luis Aguilar WB5JMD
Past President: Jim Lommen KC7QY
ARES DEC /Director: Al Braun AC5BX
Newsletter Editor: Anneliese Bowman AD6UY

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

NEW MEXICO TECHFEST

Rocky Mountain Ham Radio is pleased to announce the 2018 New Mexico TechFest Saturday February 24, 2018
New Mexico Veterans' Memorial Event Center
1100 Louisiana Blvd SE, Albuquerque, NM

HAM RADIO TIPS

This page has a lot of useful tips and tricks for the ham shack:

<http://www.hamuniverse.com/hamhints.html>

If you are into contesting you'll find some interesting ideas here:

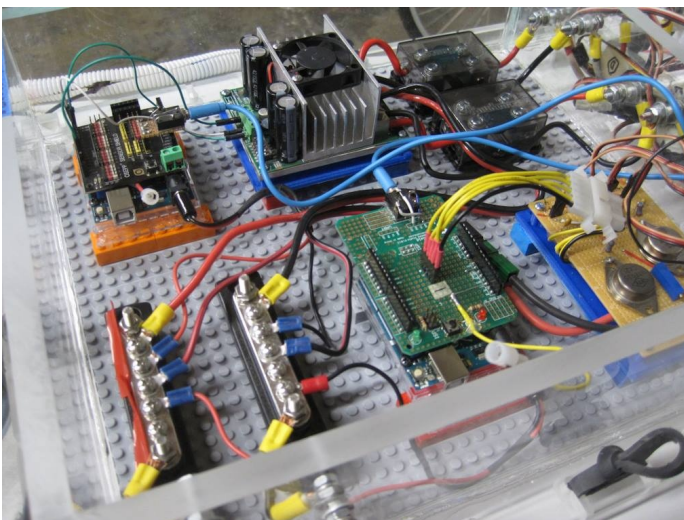
https://www.electronics-notes.com/articles/ham_radio/amateur-contests/contesting-hints-tips.php

And here are some suggestions if you take your radios camping:

<http://www.chem.hawaii.edu/uham/camping.html>

LEGOS FOR TESTING

JP Aerospace is a volunteer-based DIY Space Program. They are also building a submarine. As part of their testing of electronics they are using LEGOs. From their Facebook page: "Lego Submarine! We mounted all the parts in the sub's external electronics box on Legos. This makes it incredibly easy to re-position and remove for trouble shooting. It's amazing how good the grip is. And it's an excuse to play with Legos."



<http://www.jpaaerospace.com/>

<https://www.facebook.com/jpaaerospace/>

TECHFEST SCHEDULE:

- 8:00-8:30am: Pre-registered attendee check-in, meet and greet
- 8:30-8:45am: TechFest kickoff, welcoming comments
- 8:45-9:00am: Overview of posterboards/demonstrations
- 9:00-9:50am: **Getting Onto the 24 GHz Band** (Bill Schwantes W7QQ of Santa Fe, NM)
- 10:00-10:50am: **Modern DSP Tools for Amateur Radio Applications** (Rick Naething AE5JI of Albuquerque, NM)
- 11:00-11:50am: **Noise Origins, Effects, and Mitigation Strategies** (Jim Duffey KK6MC of Cedar Crest, NM)
- 11:50-1:00pm: Technical demonstrations and Lunch (bring your sack lunch, eat pre-ordered catered lunch, or dine out; a list of nearby restaurants will be provided)
- 1:00-1:50pm: **900 MHz FM and Digital Mode Experimentation** (Skyler Fennel KDØWHB of Denver, CO)
- 2:00-2:50pm: **Using WSPRLite for Comparing HF Antenna Performance** (Bill Mader K8TE of Albuquerque, NM)
- 3:00-3:50pm: **To be Announced.**
- 3:50-4:15pm: Final prize drawings, closing comments
- 4:15-5:00pm: Technical posterboards/demonstrations, collaboration, cleanup

Pre-registration is required:

<https://www.rmham.org/wordpress/techfest-registration/>