



GOAT NOTES

February 2022



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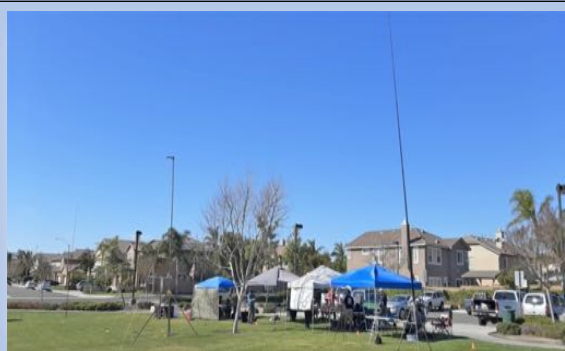
Radio in the park February 12, 2022:

We had a herd of Goats show up for Radio in the park this weekend. The weather was fantastic, and the company was even better. I was a little late arriving, but I did show face for a couple of hours and had some great conversations.



The goats had a great turn out at Radio in the park. I believe at the peak, we had close to 20 people plus 2 K9's.

Another photo of the goat's setup at Cedar creek park in Eastvale.



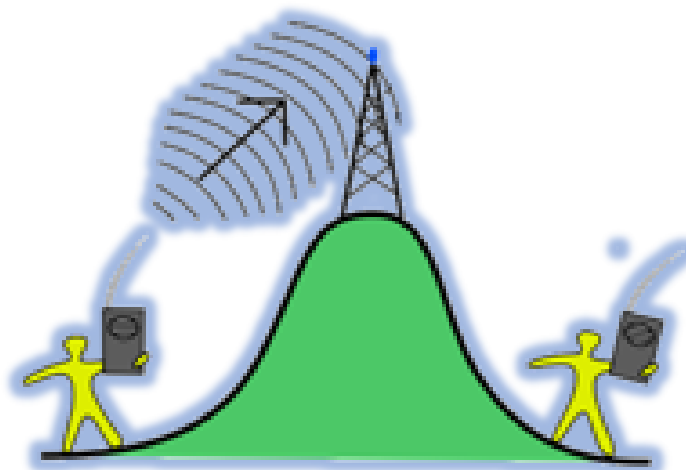
Here is a great shot of the antennas that the group had setup for radio in the park.

Monthly Simplex net

Erik KN6NRQ has volunteered to Host a GOTAhams Monthly Simplex net at 7:00 pm on the fourth Wednesday of each month, employing frequency 146.580. Following the Simplex net Erick will Host our regular nightly net.



Nightly Net repeater issues:



The AE6TV repeater has gone down. So, we are currently using the N6USO repeater. The goats are very appreciative of the repeater owners for allowing us to host our nightly nets. All the members and guests really appreciate the hard work that Ken and Kathi put into the group. Without their vast number of contacts with regards to repeater owners, our nightly nets would not be possible. I guess we can give some props to Shaun K6CT for managing the nets as well. Thank you, Shaun! ☺

Quartzfest 2022 with the Gotham's:

We can add one more Quartzfest attendance check mark on the books for the Gotham's. Here are some photos that were taken this year.



The Gotham's were representing out at Quartzfest 2022. For those of you that are not familiar with quarts fest. It happens once a year in Quartzite AZ. It's a great place to go simply because I like the location and the fact that the Arizona peace trail is right by it. Great place for off-roading. And Ham radio once a year!

If I understood correctly, Kathi and Ken erected the behemoth antenna at their location. They had a lot of comments telling them how impressive the setup was.



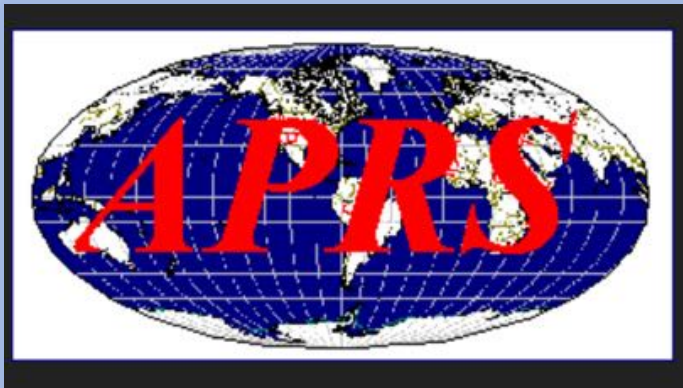
The Sunsets in Arizona are very impressive. especially with these beautiful antennas in the shot.

Need to upgrade or take a test? No problem! You can do that at Quartzfest also. Here is a photo of the GLAAR groups setup.




Silent Key:

Robert E Bruninga, WB4APR, the inventor of APRS became a silent key today. We give our eternal thanks to Bob for his incredible invention and participation in amateur radio and extend our condolences to his family.



Shaun got a QSL card:

This QSL card means a lot. Out of the less than 10 CW contacts I've made, he is the only person to confirm the QSO, as well as send a card. It wasn't a DX but still means a lot. Well, Shaun is lucky. The only QSL card I got was from an FT8 contact wanting me to buy into Amway! ;)

| | | | | | | | |
|---|-----------------------|-------|--------|--|------|------------|-------------------------------------|
| W6JIM | | | |  | | | |
| Jim Crites 649 Teak Ct Walnut Creek, California 94598 | | | | LONG ISLAND CW CLUB Helping Make CW Great Again #107 | | | |
| Contra Costa County - CM87xw | | | | | | | |
| Confirming QSO with | Date Day / Mo / Yr | UTC | MHz | RST | Mode | QSL | |
| K6CT | 23-6- 2021 | 22:51 | 14.057 | 559 | CW | Pse Txn | <input checked="" type="checkbox"/> |

Ham Trader:

If any members or guests have any equipment that needs a new home, please feel free to reach out to me Mike KE6LKV@gmail.com and I will add it to the monthly newsletter.



Below are two items that are up for grabs. Brian Pravica, W6CBX, has the following items for sale. He installed these items in August 2020 and used them until May 2021. Never transmitted with more than 100 watts on either. \$120.00 for BOTH items. Local pickup in La Verne CA

- Hustler 5-BTV 5-band vertical. (80-40-20-15-10 meters - 23 feet). It includes the feedline for PL-259 connection to a standard coax cable, a bolt-on clamp for 3 guy ropes, and instructions.
- LDG AT-100Pro II 100 watt automatic antenna tuner. Includes the IC-PAC-6 interface cable for ICOM radios. (100 watts SSB/35 watt digital auto tuner with 6 foot long cable for modern Icom radios such as 7300, 7610, 7600, etc. etc).

Contact Brian at 909-938-8553 or at 1lap2go99@gmail.com

Edward: W6ABW has the following items for sale: I am selling my Comet CHA 250B all band 3.5 to 57 MHz vertical antenna plus 75 foot coax for \$200 obo with free local delivery or the first \$700 offer will get the package deal of a Yaesu FT-757-GX1 multi-band radio with a companying power supply/ext speaker, 75 coax and the Comet CHA 250B antenna.

Contact: Edward van Prooijen edwardvp98@gmail.com

Disclaimer: GOTAhams do not receive any moneys or benefit from private sales conducted through this newsletter. All sales are final and under the discretion of the seller. GOTAhams are not responsible for any part of the transaction, equipment, or service etc.

Mike KE6LKV Mobile Radio Installation:

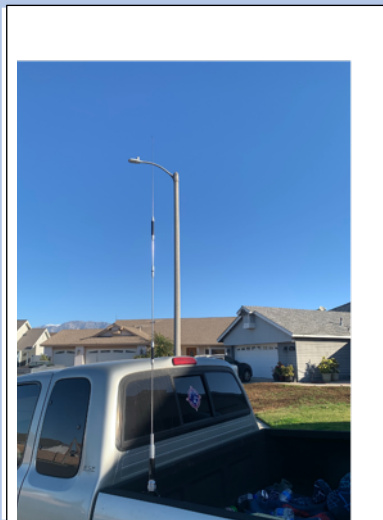
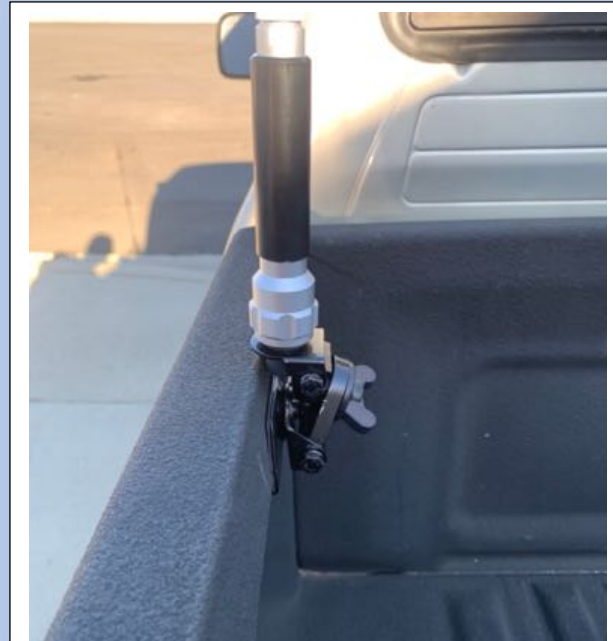
So, I took the leap and finally got my hands on a mobile antenna and mount. I've had the Kenwood 710G mobile radio since Christmas 2021. I have been using it as a base station and a means to test APRS. Here are some of the photos of the install.



Kenwood 710G Mobile Radio Mounted to a Pana Vise. The Brain of the radio is installed under the driver's seat. The nice part is that I can easily remove the face plate with a press of a button and store it when necessary.

Comet CP-5M Adjustable Lip Mount

The only installation downside to using the lip mount to the underside of the bed was securing the set screws. The angle and limited access make it difficult. The Coax has a SO 239 Adaptor that unscrews from the feed line. You can easily sneak it through a split grommet or firewall grommet.



Comet CSB 790A UHF VHF Mobile Antenna.

This is a super gainer antenna. So, the specs are a little wild.

144-148 5.1dBi

440-450 7.7dBi

This antenna has a length of 61" long. It does look a little odd diving down the street.

Saltwater Antenna:

So, I came across this article on QRZ. Pretty interesting idea.

The US Navy has created a device which turns a jet of sea water into an impromptu liquid antenna, creating a powerful, high frequency broadcast tower for ships, emergency situations and easy transportation.

Created by SPAWAR System Center Pacific, the sea water antenna uses the magnetic induction properties of salt to make ordinary ocean water transmit and receive radio signals. As the pillar of water is squirted through the current probe, a magnetic field is created, and signal comes through to a hooked-up communication device.



Plus, depending on the height of the stream of water, you can get UHF, VHF and HF broadcasts, all from the same jet of H₂O. You can even set up multiple jets of water, at different heights, to broadcast on different bands simultaneously. Handy.

The idea could prove particularly useful for ships, which struggle to find room for all the antennas on board. US Navy ships already have upwards of 80 antennas on deck, meaning real estate for extra towers is hugely limited. Instead, the sea water device can be placed anywhere on the deck.

The San Diego based research and development lab also argues that such an antenna could get communications back on line during natural disasters. The device can be used on land, too, to get a temporary antenna up quickly, as long as salt is added to a local water source.

So, if you have an HOA and a pool, Never fear, just add some salt to it and get on the air.

https://qrznow.com/sea-water-antenna_1

ARRL Announces New Worldwide Digital Contest

The ARRL Worldwide Digital Contest will debut at 1800 UTC on June 4, ending at 2359 on June 5, 2022. All non-RTTY modes are permitted. Going forward, RTTY will be the sole mode for the ARRL RTTY Roundup, which will continue to take place in January.

In broad strokes, this will be an HF – 6-meter event, on 160, 80, 40, 20, 15, 10, and 6 meters, with single-operator and multi-single-entry categories. These are Single Operator, One Radio (SO1R), Single Operator, Two Radio (SO2R), and Multi-Single (MS). Overlays in the single-operator categories will include “all enclosed antennas” and “maximum of 8 operating hours.” Single-operator entries may operate for 24 hours (with off times taken in one or two breaks that are at least 60 minutes long), while MS entries may operate for the full 30 hours.

Operating assistance is permitted for all operating categories.

Power categories will be QRP (5 W transmitter output or less) and low-power (maximum 100 W PEP transmitter output).

The exchange for the Worldwide Digital Contest will be a station’s four-character grid square designation. Stations may work each other once per band, regardless of digital mode. Participants will earn 1 point for each contact, plus 1 point for each 500 kilometers (310 miles) between stations. So, a contact between stations 1,000 kilometers apart would be worth 3 points. The total score is total contact points.

ARRL makes available a grid-center distance calculation tool. Options include kilometers (always rounded up), distance between pairs, and points.

For instructions on how to submit logs, visit the ARRL Contest page. Logs will be due 7 days after the event has concluded.

In succeeding years, the Worldwide Digital Contest will take place on the first full weekend of June.

Full details on the new operating event are on the ARRL website. [HERE](#)



Wind, Wind, Wind:

So as most of you know, living in southern California has many perks. The major downfall we have living in the inland empire are those winds. Well, here are some pics of Shaun K6CT's antenna that lost the battle to the last trade winds that blew through. Also, would like to note, this is not the proper way to mount an antenna. Especially one that is 16' in length. I'm no expert, but I think those vents are for venting out, not mounting antennas. But I am a big fan of re-purposed direct TV antenna mounts.



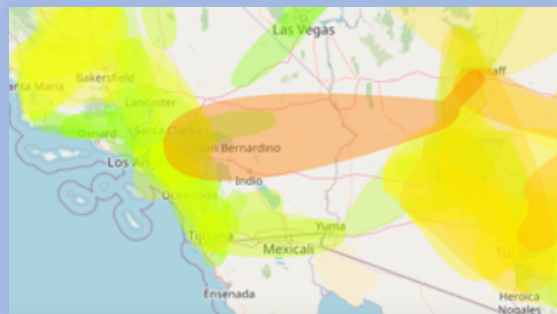
VHF propagation map:

So, I was doing a little research on APRS, Stumbled across this gem. It's a VHF propagation map. From what I have read, some VHF signals when the propagation is good can reach several hundred miles. The map will show you the conditions. When you see a red area, it means the propagation is good. Here are a few links if anyone would like to review. Pretty interesting read.

<https://sites.google.com/site/pawneeearc/vhf-propagation>

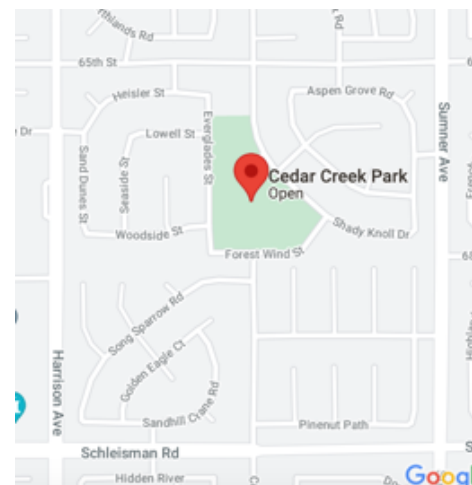
<http://aprs.mennolink.org/#>

<https://www.youtube.com/watch?v=kE08k3yyHrM>



Field Day June 25-26, 2022

To be involved in this planning we again will be meeting “Virtually” on Thursday February 24th at 6:00 PM PST, using the GOTAhams “Zoom lounge” link Event Contest starts at 10am PT(1800 UTC) Saturday till 12:59pm PST(2059 UTC) Sunday(Location: Cedar Creek Park, Eastvale, CA)



6709 Cedar Creek Rd, Eastvale, CA 92880