



# GRIDLEAK

Official Newsletter of the  
Pueblo Amateur Radio Club  
Pueblo, Colorado USA

Volume 3 - Number 9

September 2018

## Club News

The Capitol Hill repeater (Walsenburg) is on the air in Pueblo for testing. 447.600 negative offset, 88.5 tone. We are just waiting for the use of a bucket truck to mount the antenna in Walsenburg. The pole is already in place.

The 146.790 repeater on Baculite Mesa is linked up to the Cheyenne Mountain Repeater Group. It is now at 200' on the old 900' KOAA Tower. This will greatly extend the range of this repeater.

The 73 repeater on Rattlesnake Butte is back on the air.

Mark Balsick W0AOK is now the new repeater trustee. Thanks to Deb ND0Q for her years of service.

ATTN Officers and staff: Please check your contact info on page 6 and submit any changes to AD0JL

Membership badges are available. If you want one, it will be provided free of charge to members. Please contact AD0JL ([richard@ad0jl.com](mailto:richard@ad0jl.com)) with your name and call sign. The next batch will be printed before our regular meetings

## Calendar of Events

Sept. 10<sup>th</sup> - PARC Membership meeting @ Pueblo ESC 6:00 pm.

September 27<sup>th</sup> - ARES meeting @ Pueblo ESC 6:00 pm.  
(ARES meetings are now on the last Thursday of the month).

October 8<sup>th</sup> - PARC Membership meeting @ Pueblo ESC 6:00 pm.  
All meetings are now being held at the new Pueblo County Emergency Services Center 101 W. 10<sup>th</sup> St. Pueblo, unless otherwise noted. It is at the corner of 10<sup>th</sup> and Main.

## PARC Minutes or 08-18-18

Ate Corn! Had Fun!

### PARC AGENDA September 10, 2018

SECRETARY REPORT:

TREASURES REPORT: Carrie

OLD BUSINESS.

Repeaters. Chas

Corn feed

Dx engineering

New Business:

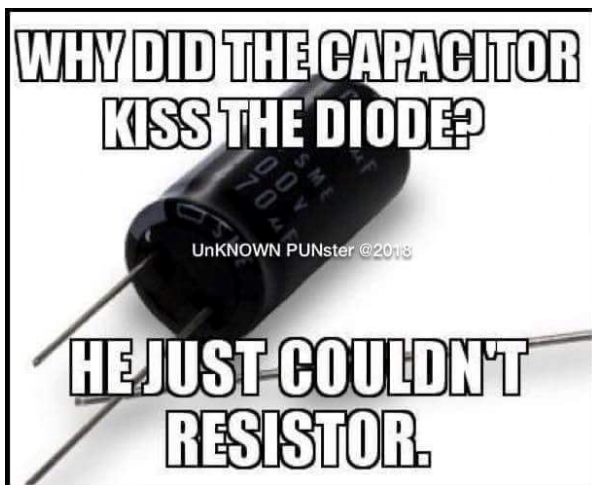
Election.

Christmas party?

If you need to put something on the agenda please let me know by the 14<sup>th</sup>.

Any other business:

Motion to adjourn?



## Repeaters and Nets

### PARC Repeaters, W0AOK Trustee:

146.790 – offset 88.5 Tone , Baculite Mesa (Skywarn and primary-now linked to Cheyenne Mountain repeater Group)

145.115 – offset 88.5 Tone, Pueblo. (in communications trailer)

146.880 - offset 88.5 Tone, 12 Mile

146.730 – offset 88.5 Tone, Rattlesnake Butte

447.950 DMR 12 Mile, Stand Alone

447.175 DMR Jackson Hill, Stand Alone

447.600 – offset 88.5 Tone, Walsenburg  
Coming Soon! On air in Pue for testing!

### Nets:

PHC NET:146.79 - Wed @7:00pm local; 145.115 backup

ARES NET:146.79 – Sun @7:30 pm local; 145.115 backup

ARES Simplex Net 146:580 Thurs 7pm. No net on last Thurs of the month due to the ARES meeting.

### NEW HAMs!

Checking into a net is one of the best ways to ease into the hobby. It is also a good way to learn net procedures should you want to get involved in emergency communications.

## Petition Drive to Save WWV/WWVH – Sept. 15 Deadline

### CQ Magazine

The National Institute of Standards and Technology (NIST) has eliminated funding for the continued operation of time/frequency standard stations WWV and WWVH in its Fiscal Year 2019 budget. [8/31 update:] The proposal also calls for eliminating funding for WWVB, on 60 kHz, which provides time data for so-called "atomic clocks."

Tens of thousands of radio amateurs and other users of the shortwave spectrum rely on these stations as sources of accurate time and precise frequency measurement, as well as a wealth of propagation data.

Two petitions have been started on the White House's "We the People" petition site calling for restoration of funding for these two essential radio stations. Each needs at least 100,000 electronic signatures by mid-September to generate a response from the White House. The petitions can be found at:

<https://petitions.whitehouse.gov/petition/maintain-funding-nist-stations-wwv-wwvh>

(As of now, needs just over 90,000 more signatures by September 15)

<https://petitions.whitehouse.gov/petition/proposed-shutdown-nists-wwv-and-wwvh-radio-stations>

(As of now, needs over 98,000 more signatures by September 17)



WWV transmitter site in Colorado. The NIST budget request for fiscal 2019 eliminates funding for continued operation of WWV, its Hawaiian counterpart, WWVH, and 60-kHz WWVB. (US Government photo)

CQ urges its readers and friends – and anyone else who finds value in the continued operation of WWV and WWVH – to sign one or both petitions *and* especially to contact your representatives in Congress to explain the need for these stations to continue to operate. Congress has the last word on the federal budget and can modify department proposals as it sees fit.

[Update: The Case Western Reserve University Amateur Radio Club recommends calling the members of the House and Senate subcommittees directly responsible for NIST oversight and its budget, especially if you are a constituent of one of those members. For details, see <https://w8edu.wordpress.com/save-wwv/>. ]

[CQ Newsroom](#) at [8:44 AM](#)

## FCC Cites Baofeng Importer for Illegally Marketing Unauthorized RF Devices

08/02/2018

Ever wonder about those wild claims about what those cheap Chinese handhelds claim to be used for?  
From the ARRL

The FCC has issued a *Citation and Order* ([Citation](#)) to [Amcrest Industries, LLC](#) (formerly Foscam Digital Technologies, LLC), an importer and marketer of popular and inexpensive Baofeng hand-held transceivers, alleging that the company violated FCC rules and the Communications Act by illegally marketing unauthorized RF devices. The FCC asserts that Amcrest marketed Baofeng model UV-5R-series FM hand-held radios capable of transmitting on “restricted frequencies.” The Baofeng models UV-5R and UV-5R V2+ were granted an FCC [equipment authorization](#) in 2012 to operate under Part 90 Private Land Mobile Radio Service (Land Mobile) rules.

“Under § 2.803 of the Commission’s rules, an entity may not market a device that is capable of operating outside the scope of its equipment authorization,” the FCC *Citation* said. “RF devices that have been authorized under Part 90 rules, such as the model as issue, must operate within the technical parameters established in those rules.” The FCC also maintained that the UV-5R 2+ is capable of operating at 1 W or 4 W, while the Part 90 Equipment Authorization limits the power output to 1.78 W.

Amcrest conceded that the units were capable of operating on restricted frequencies but told the FCC that, per discussions with the manufacturer, were “only capable of operating at 1 W, the FCC said. The company instructed the manufacturer to fix the problem and later confirmed with the manufacturer that all Amcrest inventory on order and in the future would operate only on 145 – 155 MHz and 400 – 520 MHz.

While the *Citation* does not mention Amateur Radio, the UV-5R series radios can be

programmed in a channelized configuration to function on 2-meters and 70-centimeters. According to the *Citation*, Amcrest had added a warning in its user manuals and marketing and sales materials implying that the UV-5R V2+ could operate on unauthorized and restricted frequencies, including Part 87 Aviation Services frequencies, Part 80 Maritime Services frequencies, and frequencies reserved for federal government use. The FCC said Part 90 radios that permit the operator to use external controls to program and transmit on frequencies other than those programmed by the manufacturer are “generally prohibited.”

Amcrest told the FCC that it had ceased marketing four models in the Baofeng UV-5R series “a few years ago,” but it did not remove them from its website until last February. Numerous online retailers continue selling UV-5R series radios for less than \$25, with some ads indicating that these are “ham” equipment.

Amcrest Industries, LLC, which owns and operates Baofengradio US, is an import, distribution, and marketing company based in Houston, Texas. It also sells hand-held transceivers under its own label.

“While we recognize Amcrest’s efforts to date to achieve compliance with the Commission’s rules, the company must nonetheless ensure the version of the UV-5R V2+ it is marketing operates only on frequencies specified in its Equipment Authorization,” the FCC said in its *Citation*. The FCC directed Amcrest “to take immediate steps to come into compliance with the Commission’s equipment authorization rules and cease marketing unauthorized RF devices in the United States.” Amcrest could face fines of nearly \$20,000 per day if it fails to comply.



TUBES TUBES TUBES! The Pueblo Ham Club has a large inventory of vacuum tubes for sale. If you need tubes, please contact Jon Fredericks at 719-547-7537. Prices vary.

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Cushcraft 22 element stacked 2 meter beams. Exec cond, reasonable. Ivan Davidson KØST 719-547-0346. Leave msg if no answer.

Yaesu 2900 2m. w/ mic and manual. Currently in use. \$125.00 Hallicrafters SX28 receiver 1940's vintage, w/speaker w/ spare tube set. Restored, Works. \$625.00 Kenwood TS130E w/ AT250 tuner. Works great. \$350.00

Kenwood TS140 w/ mic & manual. Works great. \$350.00 Kenwood TS180 W Mic & Manual. Works Great. \$375.00 Kenwood PS30 Power supply Also works. \$130.00

Yaesu FT450D w/ mic and manual. Currently in use, \$550.00 Rohn 65 Tower 3- 20 ft. sections and one 5ft. \$1500.00 will load. All of the above is plus freight if I ship. John WØDNR 719-738-2081 john@coloradogenerator.com

Old style FCC AMATEUR licenses and Skywarn IDs available. All license classes now available! Personalized replications of the 1970s and 80s FCC licenses and laminated photo Skywarn IDs are now available. Licenses are \$15 for a printed copy. Message ADØJL for more info. Skywarn IDs are \$10. Visit [www.ad0jl.com](http://www.ad0jl.com) for more info or email [richard@ad0jl.com](mailto:richard@ad0jl.com) 719-251-0418

ADØJL will be willing to trade graphics and web design services for any used radio odds and ends. Contact Richard at [richard@ad0jl.com](mailto:richard@ad0jl.com) or at 719-251-0418

ADØJL is also looking for FCC part 15 certified radios such as the old Kenwood Pueblo Zoo TK-280s to use for youth programs at the Ice Arena.

Remember if you would like to place an ad for something to sell or are looking for something to buy, please contact ADØJL on the 79, [richard@ad0jl.com](mailto:richard@ad0jl.com), or at 251-0418 No calls before noon or after 9pm, please.

**Wanted! Your photos! We need pictures of our events, past present and future for the website and the archives.**

# PARC Organizational Structure

President	Steve Worley	WB0SLW	250-5152	sworley.sw@gmail.com
Vice President	Brad Fox	KE0LLH		
Secretary	LaDawn Worley	KD0QMS	250-8584	ldpath@gmail.com
Treasurer	Carrie Worley	KD0SOV	569-2169	cworley.cw1@gmail.com
Board Member	Chas Carmichael	K0FFW	248-6336	loggerchas@gmail.com
Board Member	Deb Balsick	ND0Q	250-0421	deb@wdsi.us
Board Member	Brian Thompson	KE0KEP		
Gridleak Editor	Richard Holmes	AD0JL	251-0418	richard@ad0jl.com
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Repeater Chairman	Chaz Carmicheal	K0FFW	248-6336	loggerchas@gmail.com
Parliamentarian	John Fredricks	WA9SBX	547-7537	wa9sbx@aol.com
ARES EC	Mike Conder	WB0YKO	696-2561	mtconder@gmail.com
ARES AEC (North)	Chris Truby	KE0BYQ	248-4569	chris@wdsi.us
ARES AEC (South)	John Fink	W0DNR		
VEC	Ed McCandless	AA0XP	671-7450	aa0xp@comcast.net
Repeater Trustee	Mark Balsick	W0AOK		

## GRIDLEAK DISCLAIMER...

The GRIDLEAK is published by the Pueblo Amateur Radio Club, INC., P.O. Box 92, Pueblo, CO 81002. The deadline for articles submitted for publication is the 20th of the month prior to the article being published. Members are encouraged to submit original articles. Please send all correspondence to the above club address. Permission is granted to reprint any article in the GRIDLEAK as long as credit is given to both the original author and the GRIDLEAK. All submissions are considered the opinion of the authors and do not necessarily reflect the opinion of Pueblo Ham Club In. or the Editor. Articles are considered for editorial content and the PHC is not responsible for technical or editorial errors. Richard Holmes AD0JL Editor. Email articles to Richard [richard@ad0jl.com](mailto:richard@ad0jl.com) **A KEY TO GETTING THIS OUT ON TIME IS FOR PEOPLE TO GET ME THEIR INFORMATION IN ON TIME. FRIENDLY REMINDER...IF THE CONTENT IS NOT WHAT INTERESTS YOU THEN PLEASE TAKE THE TIME AND SUBMIT ARTICLES FOR PUBLICATION TO THE EDITOR!**



**MEMBERSHIP APPLICATION FOR PUEBLO AMATEUR RADIO CLUB INC.**

Date: \_\_\_\_\_ ARRL Member? \_\_\_\_\_ New Member/Renewal? \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Your CALLSIGN: \_\_\_\_\_ License Class: \_\_\_\_\_

HamPhone: \_\_\_\_\_ Cell Phone \_\_\_\_\_ Email: \_\_\_\_\_

**Additional Family Members to Join/Renew**

Name \_\_\_\_\_ Call: \_\_\_\_\_ Class: \_\_\_\_\_

Name \_\_\_\_\_ Call: \_\_\_\_\_ Class: \_\_\_\_\_

Name \_\_\_\_\_ Call: \_\_\_\_\_ Class: \_\_\_\_\_

Would you like your Grid leak to be delivered by E MAIL or regular mail? \_\_\_\_\_

COSTS: Full Member \$25, Senior (60+) \$20, Associate \$20, Family \$35 Senior Family \$27.50, Student \$20.

**Make checks payable to "PARC" Circle Membership Above Total Amount Included: \_\_\_\_\_**



**ARRL** The national association for **AMATEUR RADIO**  
225 Main Street, Newington, CT 06111-1494 USA

860-594-0200 or Toll-Free 1-888-277-5289

Welcome to the only national organization representing Amateur Radio in the US. As an ARRL member you support the ranks of thousands of other ham radio enthusiasts shaping the Amateur Radio service today. If you consider yourself an active ham... you need ARRL now. If you are not presently an active ham... let ARRL help you. As a member of the ARRL, for as little as \$39.00 per year, here are some of the benefits you will enjoy: QST Magazine – your monthly membership journal

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**P.O. BOX 92**

**PUEBLO, CO 81002**

**ADDRESS CORRECTION REQUESTED**