



The Ventura Amateur Radio Club, K6MEP, will hold its next regular meeting at 7:30 PM on Friday, October 11<sup>th</sup>, 2019, at the historic Dudley House, 197 N. Ashwood, Ventura CA 93003, at the corner of Loma Vista and Ashwood; 34d 16m 13.67s N 119d 14m 43.24s W; Grid Square DM04jg; (see map pg. 21). The Board Meeting precedes the General Meeting.

## October's Guest Speaker



### Topic – ARRL News and Issues

John Kitchens NS6X, is ARRL's Santa Barbara Section Manager. John, licensed in 1966, says he got interesting in Ham radio after receiving an automatic A in electric shop, in the 7th grade, taught by Don Ulrey, WA6TRX

**Ventura County Amateur Radio Club 2019 Officers and Chairs**

President	Robert Shank	KM6RSS
Vice-President	Richard Abbey	WB6AEW
Secretary	Phil Cohen	WA6BUZ
Treasurer	John Gartman	W6JPG
Board Member	Stewart Stone	KG6BOV
Board Member	Rod Austin	KA6GSU
Board Member	Steve Noll	WA6EJO
Photographer	Stewart Stone	KG6BOV
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Keyer Editor	Stewart Stone	KG6BOV
PR chairman	Dana Wentling	KG6WXE
Programs Chair	Steve Noll	WA6EJO
Webmaster	Robert Shank	KM6RSS
Domain Mgr.	Phil Cohen	WA6BUZ
New Members	Bob Brodie	KJ6AAE
License Trustee	Stewart Stone	KG6BOV
QSL Manager	Ben Holmes	K6QV
Safety Officer	Bob Brodie	KJ6AAE

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The **KEYER** is published monthly by K6MEP, the Ventura County Amateur Radio Club, Inc. as a means of providing club members the minutes from K6MEP's monthly general membership meetings, the monthly board of directors' meetings, a calendar of events and articles of interest on amateur radio. Layout and logos are the property of The Ventura County Amateur Radio Club, K6MEP. The stories printed in this journal remain the property of the writers, without whom we would not have a publication. Permission to reprint articles should be obtained from the authors. Articles from the ARRL are reproduced with permission. Material submitted for inclusion is encouraged. Submit material by e-mail to KM6RSS@gmail.com. Our club mailing address is **K6MEP, PO Box 2103 Oxnard, CA 93034-2103**

K6MEP holds general membership meetings at 7:30 PM on the 2nd Friday of each month. Dues are \$20 per year.

**Message from the President**

**The Prez Sez,**

As I write this column the first day of autumn has just passed and the overnight temperature has plummeted into the low 50s. My thoughts turn to the changes our plants (mostly plumeria) in the backyard are going through. Some are flowering and looking better than they did in summer. For most of the country, autumn brings a much different scene. When we lived in Colorado, October meant that the trees would have mostly lost their leaves and the flowers would have faded. October will always remind me of change and I have a poem (extract) by Pearl N. Sorrels (1/2/2003, Yucaipa, California, USA), entitled "It Must be October" that best represents my thoughts:

"The harvest moon hangs round and high  
 It dodges clouds high in the sky  
 The stars wink down their love and mirth  
 The Autumn season's giving birth  
 Oh it must be October  
 The leaves of red bright gold and brown  
 The pumpkin yellow big and round  
 The breezy nights the ghostly sights  
 The eerie spooky far off sounds  
 Are signs that it's October"

Tying the poem in with Ham radio is easy; many have spoken about "earth-moon-earth" (EME) communications and a harvest moon seems to be a great target.

**(Cont. on page 3)**

**(The Prez Sez cont. from page 2)**

**Looking backward:**

We had a great turn-out for the September 13th K6MEP club meeting held in the basement of the vintage Dudley House. There were 27 attendees who signed the check-in sheet, with three guests. Steve KI6BSQ and Robert KM6RSS presented vacuum tubes and testers (theory and practice, respectively). Delicate tubes were passed around (without any breaking) and testers were inspected (without plugging them in and waiting up to 30 minutes for them to “warm up”). Thanks to Steve WA6EJO and Ben K6QV for bringing refreshments and to all who attended, participated and shared their enthusiasm for Ham radio.

Our September 14<sup>th</sup> picnic, held at the Dudley House, was a great success and 34 members and their guests attended. A special thanks to Mark KI6YLH for bringing and cooking the hot dogs/chili dogs and teriyaki chicken and to Burt KA6BJA and Mark KD6ASL, for helping to cook. According to our treasurer, John W6JPG, some donated items were purchased (including a transceiver, a serial switch, a book, and power supply) and the money will be deposited in the club account. All of the unsold items should be safely stored in someone’s garage. I’ll be bringing more donated items to our next meeting including Joe K6NE’s Kenwood TL-922A linear amplifier.

Our K6MEP Monday Night Net Check-in contest (running from March 4th to December 9th), is continuing with a nice increase in the number of members who check-in (as of September 23<sup>th</sup> we had a total of 340 check-ins with an overall group average of 10.97). Clem and Rod are tied with 28 check-ins each. The winner will be announced at the DecemberFest dinner on December 13th.

**Looking Forward:**

Our next meeting is on October 11th. Our guest speaker is John Kitchens NS6XS, the ARRL Santa Barbara Section Manager. He will talk about what has happened in the ARRL this past year or so, and show us the free classes and various ARRL resources available for our use, including satellite information, DX activity to complete DXCC, and much more. John will also discuss simple safety procedures around the Ham shack.

As we shared with everyone last month, we are continuing to collect yearly dues and asking everyone to consider running for a club office; the voting will take place at our November meeting. Our DecemberFest dinner is getting closer and we encourage members to nominate their favorite restaurant as a venue for that date (December 13<sup>th</sup>). An evaluation spreadsheet has been created and posted on our groups.io

([https://groups.io/g/K6MEP/topic/potential\\_decemberfest\\_venues/32684483?p=,,,20,0,0,0::recentpostdate%2Fsticky,,,20,2,0,32684483](https://groups.io/g/K6MEP/topic/potential_decemberfest_venues/32684483?p=,,,20,0,0,0::recentpostdate%2Fsticky,,,20,2,0,32684483)) website. For example, the venue needs to be available for a December 13<sup>th</sup> evening reservation, starting at about 6:30pm, should be reasonably priced with good main course selections, and should have a separate dining room so we can conduct holiday activities. I personally contacted Mimi’s at the Pacific View Mall and found that they met all of our criteria except for a podium, which may not be needed.

**Safety Share:**

October’s safety share is from <https://www.cdc.gov/niosh/topics/noise/> and the focus is on Hearing Safety.

**(cont. on page 4)**

**(The Prez Sez cont. from page 3)**

This safety share topic is extremely relevant to me as I have worked in high noise environments throughout my career in mining. Although I wore hearing protection, I suffer from tinnitus or “ringing” in my right ear. However, the ringing has been diagnosed as genetic in origin (due to otosclerosis) and my father also had it. An operation in the early 90’s greatly increased my hearing but last year the hearing loss returned. I’ve “bit the bullet” and now have (and use) a hearing aid.

“Hearing loss is one of the most common work-related illnesses in the United States. Each year, about 22 million U.S. workers are exposed to hazardous noise levels at work (and many of us are exposed at home). Over 30 million U.S. workers are exposed to chemicals, some of which are harmful to the ear (ototoxic) and hazardous to hearing. In addition to damaging workers’ quality of life, occupational hearing loss carries a high economic price to society.

NIOSH Recommendations:

The NIOSH Recommended Exposure Limit (REL) for occupational noise exposure is 85 decibels, A-weighted, as an 8-hour time-weighted average (85 dBA as an 8-hr TWA) using a 3-dB exchange rate. Exposures at or above this level are considered hazardous.

Use the NIOSH Hierarchy of Controls to reduce workplace noise to below the NIOSH REL whenever possible. Use hearing protection when hazardous noise levels cannot be adequately reduced.”

When working at home, please remember to wear hearing protection. I have the sponge as well as the over-the-head ear muffs types. Whether I am using a saw, grinder, or generator, I start with hearing, eye, and body (gloves and protective clothing and shoes) to help keep whatever abilities I have protected.

See you all at the Friday the 11th of October club meeting at the Dudley House with your ideas, energy, and Ham Radio experiences!

73,

Robert Shank KM6RSS

President, VCARC



### **Secretary's Column and Meeting Minutes**

Ventura County Amateur Radio Club Inc. Club Meeting

Meeting Date: 9/13/19

### **GENERAL MEMBERSHIP MEETING MINUTES**

MEETING ADDRESS: Dudley Historical House, Ventura

ATTENDANCE: Listed on Roll Check-In Sheet

CALL TO ORDER 19:30

### **MEETING MINUTES**

President Robert KM6RSS opened meeting

Vice President Richard WB6AEW, led the Pledge of Allegiance

President Robert made introductions and welcomed current, new and prospective members (A.K.A. guests)

President Robert introduced Steve Hudson KI6BSQ and provided a brief background on Steve's career. Steve will be talking about vacuum tube theory.

BREAK 19:50 to set up equipment for presentation

Steve Hudson KI6BSQ gave an exciting talk about vacuum tubes.

Break 20:24 for equipment reset

Continuation 20:35

President Robert gave a truly animated lecture on tube testers! Very Interesting!

### **Old Business:**

K6MEP Monday Night Contest Status: As of September 9<sup>th</sup> Monday night net we had 9 check ins. We now have a current total to of 303 check-ins and an average of 10.8 check-ins per event. Clem KM6OKZ is still leading the pack with Rod KA6GSU just one check-in behind.

Club Picnic discussion for September 14<sup>th</sup> (tomorrow from 10am to 4 pm). Mark KI6YLH will bring hot dogs and chicken for the picnic. We will set-up food preparation and used the tables and chairs in the back patio and BBQ pit area.

### **Calendar**

#### **September 2019**

**2: Labor Day and K6MEP Monday Night Net**

**3: ACS/ARES Tuesday Night Net**

**9: ACS/ARES District Meeting T.O. Civic Arts Plaza Oak Room and K6MEP Monday Night Net**

**10: ACS/ARES Tuesday Night Net**

**13: Regular Monthly Club Meeting at 7:30pm. K6MEP Board meeting precedes the club meeting at 7:00pm**

**16: K6MEP Monday Night Net**

**17: ACS/ARES Tuesday Night Net**

**23: K6MEP Monday Night Net**

**24: ACS/ARES Tuesday Night Net**

**30: K6MEP Monday Night Net**

### **New Business:**

Discussed possible venues and evaluations for Decemberfest.

Discussed nominations for club offices.

Discussed payment of dues for the October 2019 calendar year.

Roll Call: Total attendance 27 Guests:3

Meeting adjourned 21:40; Next meeting is October 11<sup>th</sup> and NS6X's topic will be the ARRL

### **EXECUTIVE BOARD MEETING MINUTES**

**MEETING ADDRESS: Dudley Historical House, Ventura**

**OFFICER ATTENDEES**

(cont. on page 6)

**(Secretary's Column and Meeting Minutes cont. from page 5)**

OFFICE	LAST	FIRST	CALL SIGN	PRESENT
PRESIDENT	SHANK	ROBERT	KM6RSS	X
VICE PRESIDENT	ABBEY	RICHARD	WB6AEW	X
TREASURER	GARTMAN	JOHN	W6JPG	X
SECRETARY	COHEN	PHIL	WA6BUZ	X
BOARD	AUSTIN	ROD	KA6GSU	X
BOARD	STONE	STEWART	KG6BOV	X
BOARD	NOLL	STEVE	WA6EJO	X

**CALL TO ORDER 19:01**

**MEETING MINUTES**

**Secretary's report:**

Minutes Approved by board  
 Secretary Phil announced that there are now 57 Paid Members  
 Dues are due by October  
 Time to file SI-100

**Treasurers' report**

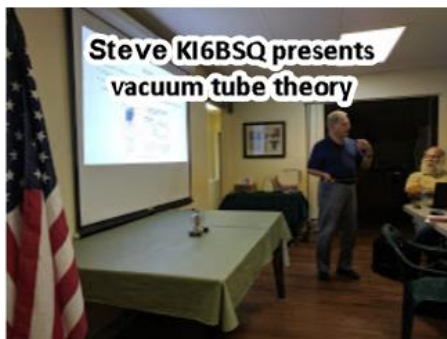
Treasurer John provided the savings, checking and petty cash balances  
 All outstanding checks cashed  
 \$200 check for insurance is due

**Old Business:**

Phil reported that the club web site is almost done. Membership portion is completed; gallery, articles, newsletters, forum etc. are being finalized  
 John to cut a check to the Dudley House \$100 for club picnic  
 Mark Ortega will be purchasing food for picnic, needs to be reimbursed  
 President Robert to take over printing of club badges now that he has the image to use  
 Decemberfest venue possibilities; still taking member's input and Clem will be reviewing Marriott as a potential venue location  
 President Robert mentioned that board nominations are scheduled to be discussed next month with voting in November

**BOARD ADJOURN 19:22**

Board meeting adjourned and there was a brief break until the 19:30 start of the **General Meeting**



## Selected Contests & Special Events

The following contests and special events caught your editor's eye. This is by no means a complete list.

### October 2019



#### School Club Roundup

Fall Term: October 21-25, 2019

Objective: To exchange QSO information with club stations that are part of an elementary, middle, high school or college. Non-school clubs and individuals are encouraged to participate.

Sponsored by the ARRL, its Hudson Division Education Task Force and the Long Island Mobile Amateur Radio Club (LIMARC) to foster contacts with and among school radio clubs.

Award certificates will be issued for the following US and DX categories:

Schools: Elementary, Middle/Intermediate/Junior High School, High School and College/University

Non-school Clubs and Individuals (photo credit ARRL.org)

#### EME Contest



Objective: To work as many amateur stations as possible via the earth-moon-earth path on any authorized amateur frequency above 50 MHz. Dates-Three full weekend 48-hour periods (0000 UTC on Saturday through 2359 UTC Sunday). Dates for 2019 are: Weekends # 2/3 - 50 to 1296 MHz - October 19-20, November 16-17. Photo credit Wikipedia.org

#### WWV Centennial

Sep 28-Oct 2, 0000Z-2359Z, WW0WWV, Fort Collins, CO. WWV ARC, NCARC. 7.038 7.238 14.038 14.238. QSL. WWV ARC, 1713 Ridgewood Rd, Fort Collins, CO 80526. Planned operations will be from 160 - 6m, no 60m or 12m, 24 hours/day. Please see the website for specifics, also on Facebook (WWV100) and Twitter (@WWV\_100) WWV100.com. Photo credit nist.gov



#### 10/05/2019 | Albuquerque International Balloon Fiesta

Oct 5-Oct 13, 1200Z-2359Z, W5B, Albuquerque, NM. High Desert ARC of New Mexico, Inc.. 14.280 Mhz 14.074 Mhz. QSL. Jerry Aceto , 1023 Purple Aster, Bernalillo, NM 87004. [www.nm5hd.com](http://www.nm5hd.com)

#### 10/12/2019 | Rocklin Mini Maker Faire

Oct 12, 1600Z-2300Z, N6M, Auburn, CA. ARRL Sacramento Valley Section. 145.430 PL 162.2 14.235 USB 7.190 LSB. QSL. Carol F Milazzo, KP4MD, 406 Sunrise Ave Ste 280, Roseville, CA 95661.

#### 10/18/2019 | US Coast Guard Auxiliary 80th Anniversary

Oct 18-Oct 20, 0000Z-2359Z, N6Z, San Jose, CA. US Coast Guard Auxiliary . 14.248 14.074 7.074. QSL. Alan Stanton, 1524 Rosecrest Ter, San Jose, CA 95126-2155.

## Available Gear

Yaesu FT-8 and accessories for sale

Please contact Ron K16YAX  
[vcert1@gmail.com](mailto:vcert1@gmail.com)



From the WT6JS Donation

Yaesu VX3R, HT Dual Band 2m/440 whip antenna  
w/2 chargers, manual  
3 HT Dual Band 'Rubber Duck' antennas  
4" external speaker w/mag mount  
Mag mount system for large mobile HF antenna  
Arrow Handheld Yagi Dual Band Antenna

Please contact Stewart KG6BOV  
[Kg6bov@arri.net](mailto:Kg6bov@arri.net)

### Looking for Antenna Instructions and manuals

Looking for antenna instruction and manuals for pre-1995 VHF and UHF antennas.

Hy-gain, Cushcraft, KLM are the big manufacturers, but there were dozen of little ones (K1FO, K2RIW, Tronna). Would like to start a repository of antenna manuals.

Manuals will be copied and originals will be returned. The copies will be posted on the web for use by everyone. Have needed the manuals for two 2 meter antennas recently and cannot find them.

Denney N6HV /

[denney@denneypistole.com](mailto:denney@denneypistole.com)

### Equipment Tech and Operator Manuals

I have a large collection of radio tech manuals and operator manuals from Alinco / Icom / Kenwood / Yaesu and others. All are PDF format.

Stewart  
[KG6BOV@arri.net](mailto:KG6BOV@arri.net)

Robert KM6RSS will be bringing selected items from Joe K6NE's (sk) equipment for donation:

Kenwood TL-922A, 160 m through 15m Amateur Bands, 2 kW P.E.P.SSB, 1kW CW RTTY.



## Upcoming FCC Exam Session Preparations

### ON EXAM DAY BRING THE FOLLOWING ITEMS:

1. A legal photo ID (driver's license, passport).
2. When no photo ID is available, two forms of identification must be presented: a. non-photo ID/driver's license (some states still have them) b. birth certificate (must have the appropriate seal) c. social security card d. library card e. utility bill, bank statement or other business correspondence that specifically names the person; or a postmarked envelope addressed to the person at his or her current mailing address as it appears on the Form 605.
3. Students may bring any of the above items and/or a school ID, minor's work permit, report card, or a legal guardian may present a photo ID.
4. Bring your Social Security Number (SSN) or your FCC issued Federal Registration Number (FRN). VEC's are required by FCC to submit either your SSN or your FRN number with your license application form. If you prefer not to give your SSN, then you may use **(cont. on page 9)**  
**(Upcoming FCC Exam Session Preparations cont. from page 9)**
5. your FCC issued FRN, if you have one. For instructions on how to register your SSN with the FCC and receive a FRN, visit the FCC's FAQ page and the FCC's registration instructions page.
6. If applicable, bring the original and a photocopy of your current Amateur Radio license and any Certificates of Successful Completion of Examination (CSCE) you may hold from previous exam sessions. The photocopy(s) will not be returned.
7. Two number two pencils with erasers and a pen.
8. 7. A calculator with the memory erased and formulas cleared is allowed. You may not bring any written notes or calculations into the exam session. Slide rules and logarithmic tables are acceptable, as long as they're free of notes and formulas. Cell phone must be silenced or turned off during the exam session. The phones' calculator function may not be used.
9. Bring a check, a money order or cash to cover the exam session fee(s). Check the ARRL VEC's current exam fee. The fee is normally \$15.00 for ARRL-sponsored tests.



## License Preparation and Sample Test Sites

LICENSING CLASS

### Agoura Hills CA 91301

**Start/End Dates:** 10/20/2019 - 10/20/2019

**Times:** 0900-1600

**# of Sessions:** 1

**Class level:** Technician

**Morse code offered:** No

**Pre register required:** Yes

**Fee:** 75

**Pre Study required:** Yes

**Class Type:** Weekend/One Day

**Exam offered:** Yes

**Sponsoring Club/Organization:** Quality Matrix International, Inc.

**Instructor:** K6YXH

**Contact:** Norm Goodkin K6YXH

**Phone:** (818) 222-7013

**Email:** [hamclass@goodkin.net](mailto:hamclass@goodkin.net)

**Location:** Agoura Hills/Calabasas Community Center  
27040 Malibu Hills Road  
Agoura Hills, CA 91301

### Thousand Oaks CA 91360

LICENSING CLASS

11/02/2019

**Start/End Dates:** 11/02/2019 - 12/07/2019

**Times:** 8:00AM - 1:00PM

**# of Sessions:** 5

**Class level:** Extra

**Morse code offered:** No

**Pre register required:** No

**Fee:** 0

**Pre Study required:** No

**Class Type:** Traditional

**Exam offered:** No

**Sponsoring Club/Organization:** Conejo Valley Amateur Radio Club

**Instructor:** K6VQN

**Contact:** Kathryn Hunley K6VQN

**Phone:** (805) 218-3277

**Email:** [k6vqn@arrl.net](mailto:k6vqn@arrl.net)

**Location:** East Ventura County Sheriff's Station  
2101 East Olsen Road  
Thousand Oaks, CA 91360

**Additional Information:** Pre-registration not required but appreciated. Exam session is 12/08/2019.



## Upcoming FCC Exam Sessions

**10/13/2019**

**Sponsor:** Conejo Valley ARC

**Date:** Oct 13 2019

**Time:** 8:30 AM (Walk-ins allowed)

**Contact:** Jeffrey M. Reinhardt  
(818) 706-3853

**Email:** [aa6jr@arrl.net](mailto:aa6jr@arrl.net)

**VEC:** [ARRL/VEC](#)

**Location:** Ventura Cty Sheriff's E County Station  
2101 E Olsen Rd  
Betw 23 Hwy & Reagan Library  
Community Room  
Thousand Oaks CA 91360-6861

**10/19/2019**

**Sponsor:** Pine Mountain ARC

**Date:** Oct 19 2019

**Time:** 12:00 PM (Walk-ins allowed)

**Contact:** William P. Hopper  
(805) 290-7407

**Email:** [imab6cf@gmail.com](mailto:imab6cf@gmail.com)

**VEC:** [ARRL/VEC](#)

**Location:** Frazier Park Library  
3732 Park Dr  
Frazier Park CA 93225

**10/20/2019**

**Sponsor:** Goodkin Ham Radio Classes

**Date:** Oct 20 2019

**Time:** 2:30 PM (No Walk-ins / Call ahead)

**Contact:** Norm Goodkin  
(818) 222-7013

**Email:** [hamclass@goodkin.net](mailto:hamclass@goodkin.net)

**VEC:** [Greater LA VEC](#)

**Location:** Agoura Hills/Calabasas Community Center  
27040 Malibu Hills Rd  
Agoura Hills CA 91301-5332

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## Trivia for October 2019

Do you remember?

1. The Jack Benny program on TV ran from Oct. 1950 to April 1965?
2. The Andy Griffith show ran from Oct. 1960 to April 1968?
3. M\*A\*S\*H started in Sept. 1972 to Feb.1983?

Two of these were in black and white.

Can you remember what two?

DE

Dana

kg6wxw 🍁🍁🍁🍁

## K6MEP Calendar

**October 2019**

**1: ACS/ARES Tuesday Night ORT & Net**

**7: K6MEP Monday Night Net**

**8: ACS/ARES Tuesday Night Net**

**10: 10-10 Day (see editor's article on pg. 28)**

**11: Regular Monthly Club Meeting at 7:30pm. K6MEP Board meeting precedes the club meeting at 7:00pm. ARRL talk by NS6X**

**13: Ham Exam 8:30 am East Valley Sheriff's Station**

**14: K6MEP Monday Night Net**

**15: ACS/ARES Tuesday Night Net**

**20: Ventura Marathon**

**21: K6MEP Monday Night Net**

**22: ACS/ARES Tuesday Night Net**

**28: K6MEP Monday Night Net**

**29: ACS/ARES Tuesday Night Net**

**31: Halloween**



### **K6MEP Net Script**

QST- QST- QST. This is <Name> <Callsign>, with the Ventura County Amateur Radio Club Net.

If there is there any station with EMERGENCY or PRIORITY Traffic that needs the immediate use of this frequency, please come now.

Hearing none, the following is a QST. This is <Name> <Callsign>, tonight's net control station for the Ventura County Amateur Radio Club Net. If, at any time during tonight's net, anyone needs this frequency for emergency or priority traffic, please call net control, and we will respond appropriately.

This is a directed, open net for all amateur radio operators, sponsored by K6MEP, the call sign for VCARC. This net begins each Monday evening at 20:00 local time on the WD6EBY linked repeater system. The primary frequency of this net is 145.200 MHz with a minus offset and a PL of 127.3 Hz. If the repeater should fail for any reason, we can use South Mtn. 146.385 plus offset and a PL of 127.3 as backup. All amateurs are welcome to check in after these announcements. A roundtable will follow the open check-in. A rag chew session may follow the formal net.

K6MEP, the Ventura County Amateur Radio Club, meets at 19:30 hours on the second Friday of each month at The Dudley House, 197 N Ashwood Ave, Ventura, CA 93003. The next meeting date is <say next meeting date from calendar>. We urge any non-members interested in VCARC to contact our Secretary, Phil Cohen, WA6BUZ email at [K6MEP@qsl.net](mailto:K6MEP@qsl.net).

As we continue with the check-in process, please give your call sign, name and if you are a VCARC member. If you are not a member of the VCARC, please include your QTH or location.

(Check-ins completed): We will now begin with our Roundtable \*\*\*\*\* Any last comments? \*\*\*\*\* Any late, missed, or visitor check-ins? Please check-in now.

(Closing): This concludes the VCARC weekly net at \_\_\_\_\_ hours. Thank you for your interest and participation. Also thanks to Paul Strauss, WD6EBY, for the use of the repeater for our K6MEP net.

73, this is <Name> <Callsign>, tonight's VCARC net control, signing off.

## **Upcoming Hamfests and Conventions**

### **10/05/2019 | San Diego Hamfest and Preparedness**

**Location:** Lakeside, CA

**Type:** ARRL Hamfest

**Sponsor:** Lakeside Amateur Radio Club

**Website:** <http://www.lakesidearc.org/sdhamfest/sdhamfest.php>

### **10/12/2019 | Ham Radio Tailgate Party & Swapmeet**

**Location:** Redding, CA

**Type:** ARRL Hamfest

**Sponsor:** Shasta, Tehema County ARES

**Website:** <http://st-ares.org/swapmeet2019.html>

### **10/18/2019 | PACIFICON, 2019 ARRL Pacific Division Convention**

**Location:** San Ramon, CA

**Type:** ARRL Convention

**Sponsor:** Mount Diablo Amateur Radio Club

**Website:** <http://www.Pacificon.org>

**(cont. on page 13)**

## Upcoming Hamfests and Conventions (cont. from page 12)

### San Diego Hamfest and Preparedness

**Start Date:** 10/05/2019 **End Date:** 10/05/2019 **Location:** Lakeside Rodeo Grounds 12584 Mapleview Street Lakeside, CA 92040 **Website:** <http://www.lakesidearc.org/sdhamfest/sdhamfest.php> **Sponsor:** Lakeside Amateur Radio Club  
**Type:** ARRL Hamfest **Talk-In:** 146.55 **Public Contact:** Paul Rios , KC6QLS 12207 Valhalla Drive Lakeside, CA 92040 Phone: 619-593-9445 **Email:** [KC6QLS@cox.net](mailto:KC6QLS@cox.net)

### TARA Swapfest

**Start Date:** 10/05/2019 **End Date:** 10/05/2019 **Location:** Rumsey Park Ramada #4 400 North McLane Road Payson, AZ 85541 **Website:** <http://tontoradio.org> **Sponsor:** Tonto Amateur Radio Association **Type:** ARRL Hamfest **Talk-In:** 147.39 (PL 100) **Public Contact:** Bruce Johnson , N7DDT 318 N Rim Trail Road Payson, AZ 85541 Phone: 928-474-4154 **Email:** [stretch8@q.com](mailto:stretch8@q.com)

### PACIFICON 2019

**Start Date:** 10/18/2019 **End Date:** 10/20/2019 **Location:** San Ramon Marriott 2600 Bishop Drive San Ramon, CA 94583 **Website:** <http://www.Pacificon.org> **Sponsor:** Mount Diablo Amateur Radio Club **Type:** ARRL Convention **Talk-In:** 147.060 (PL 100) **Public Contact:** Debbie Deeble , SWL P.O. Box 31372 Walnut Creek, CA 94598 Phone: 925-288-1730 **Email:** [info@pacificon.org](mailto:info@pacificon.org)

### CopaFest 2019

**Start Date:** 10/26/2019 **End Date:** 10/26/2019 **Location:** Ultrastar at Ak-Chin Circle 16000 North Maricopa Road Maricopa, AZ 85238 **Website:** <http://www.copafest.org> **Sponsor:** Maricopa Amateur Radio Association, inc. **Type:** ARRL Hamfest **Talk-In:** 449.125 (PL 136.5), 145.210 (PL 162.2) **Public Contact:** Bob Howard , W8RH 35881 West Catalan Street Maricopa, AZ 85138 Phone: 520-709-6176 **Email:** [w8rh@live.com](mailto:w8rh@live.com)

### Oro Valley Amateur Radio Club Hamfest

**Start Date:** 11/09/2019 **End Date:** 11/09/2019 **Location:** Marana Middle School 11285 West Grier Road Marana, AZ 85653 **Website:** <http://tucsonhamradio.org> **Sponsor:** Oro Valley Amateur Radio Club **Type:** ARRL Hamfest **Talk-In:** 146.62, 444.1, 147.32, 447.525 (PL 156.7) **Public Contact:** Steven Wood , W1SR 6219 N. Via de la Tortola Tucson, AZ 85718 Phone: 520-906-1204 **Email:** [W1SR@ARRL.NET](mailto:W1SR@ARRL.NET)

### SuperFest

**Start Date:** 12/07/2019 **End Date:** 12/07/2019 **Location:** Mesa Community College 1833 W. Southern Avenue Mesa, AZ 85201 **Website:** <https://superstitionsuperfest.org> **Sponsor:** Superstition Amateur Radio Club **Type:** ARRL Hamfest **Talk-In:** 147.120+ (PL 162.2), 446.900- (PL 100) **Public Contact:** John Wolven , KG7NAP 2263 W. Olla Avenue Mesa, AZ 85202 Phone: 480-980-0502 **Email:** [info@superstitionsuperfest.org](mailto:info@superstitionsuperfest.org)



## Emergency and Volunteer Training

Some excellent emergency and volunteer training is available through the American Red Cross of Ventura County, FEMA and the American Radio Relay League.

### Red Cross Courses

The following is a list of locally available Red Cross courses and a current schedule of classes over the next two months. Enroll by calling the Red Cross Chapter House at 805-987-1514 Ext 320 leaving your name, course code and telephone number. If you are interested in a class not currently scheduled call to be placed on a waiting list for the next scheduled date.

Note: The classes **Fulfilling Our Mission** and **Introduction to Disaster Services** are required for all Red Cross classes if you are not currently registered as a Red Cross Volunteer.

For training class registration, call: 805-987-1514 Ext 320.

Course schedule and descriptions:

<http://www.arcventura.org/DSCourseDescriptions.html>

[http://www.arcventura.org/contact\\_us.html](http://www.arcventura.org/contact_us.html)

*COLLABORATING TO ENSURE EFFECTIVE SERVICE DELIVERY(ARC3089-4)*  
*COMMUNITY SERVICES OVERVIEW (ARC 3068-1)*  
*DISASTER ASSESSMENT (ARC 3067-1)*  
*DISASTER HEALTH SERVICES: OVERVIEW (3076-1F)*  
*DISASTER HEALTH SERVICES SIMULATION (ARC 3076-2F)*  
*DISASTER MENTAL HEALTH SERVICES (ARC 3077-1F)*  
*DISASTER MENTAL HEALTH: AN OVERVIEW (ARC 3077-2)*  
*DISASTER WELFARE INQ.:CONNECTING YOUR COMMUNITY(ARC 3085-1)*  
*DISASTER WELFARE INQUIRY SIMULATION (ARC 3085-2)*  
*EMERGENCY OPS CENTER/INCIDENT COMMAND LIAISON (ARC 3089-5)*  
*ERVs: READY, SET, ROLL (ARC 3068-4)*  
*FAMILY SERVICES: PROVIDING EMERGENCY ASSISTANCE (ARC 3072-1)*  
*FINANCIAL STATISTICAL INFORMATION MANAGEMENT (ARC 3078-2)*  
*HUMAN RESOURCES IN DISASTER (ARC 3087-3F)*  
*LOGISTICS: AN OVERVIEW (ARC 3087-1)*  
*LOGISTICS SIMULATION (ARC 3071-2)*  
*MANAGING TOTAL DIVERSITY*  
*MASS CASUALTY DISASTER (ARC 3079 1F)*  
*PUBLIC AFFAIRS IN DISASTER 1 (ARC 3080 1F)*  
*SAFE FOOD HANDLING WORKSHOP*  
*SHELTER OPERATIONS (ARC 3068-11)*  
*SHELTER SIMULATIONS (ARC 3068-12)*  
*WORKING WITH TOTAL DIVERSITY*

### **Scheduled Red Cross Classes**

For training class registration, call: 805-987-1514

Please try to register for classes a week before the class is being offered



Photo credit redcross.org

The following free **FEMA Independent Study Courses** are recommended. There are several other FEMA courses available; see the other courses at <http://training.fema.gov/is>

- IS-5.a **An Introduction to Hazardous Materials** - (10/31/2013)
- IS-10.a **Animals in Disasters: Awareness and Preparedness** - (10/2/2015)
- IS-11.a **Animals in Disasters: Community Planning** - (10/2/2015)
- IS-15.b **Special Events Contingency Planning for Public Safety Agencies** - (10/31/2013)
- IS-20.19 **Diversity Awareness Course 2019** - (1/30/2019)
- IS-21.17 **Civil Rights and FEMA Disaster Assistance** - (1/25/2017)
- IS-26 **Guide to Points of Distribution** - (8/11/2010)
- IS-27 **Orientation to FEMA Logistics** - (10/31/2013)
- IS-29 **Public Information Officer Awareness** - (10/31/2013)
- IS-33.19 **FEMA Initial Ethics Orientation 2019** - (1/30/2019)
- IS-35.19 **FEMA Safety Orientation 2019** - (1/30/2019)IS-36 **Multi-hazard Planning for Childcare** - (10/31/2013)
- IS-42 **Social Media in Emergency Management** - (10/31/2013)
- IS-75 **Military Resources in Emergency Management** - (2/25/2011)
- IS-100.b **Introduction to Incident Command System, ICS-100** - (10/31/2013)
- IS-111.a **Livestock in Disasters** - (10/31/2013)
- IS-144 **Telecommunicators Emergency Response Taskforce (TERT) Basic Course** - (10/31/2013)
- IS-162 **Hazard Mitigation Floodplain Management in Disaster Operations** - (11/16/2016)
- IS-200.b **ICS for Single Resources and Initial Action Incidents** - (10/31/2013)
- IS-230.d **Fundamentals of Emergency Management** - (12/16/2013)
- IS-235.c **Emergency Planning** - (12/15/2015)
- IS-240.b **Leadership and Influence** - (6/16/2014)
- IS-241.b **Decision Making and Problem Solving** - (3/31/2014)
- IS-242.b **Effective Communication** - (3/31/2014)
- IS-244.b **Developing and Managing Volunteers** - (3/29/2013)
- IS-250.a **Emergency Support Function 15 (ESF15) External Affairs: A New Approach to Emergency Communication and Information Distribution** - (5/7/2012)
- IS-271.a **Anticipating Hazardous Weather & Community Risk, 2nd Edition** - (10/31/2013)
- IS-288.a **The Role of Voluntary Organizations in Emergency Management** - (2/12/2015)
- IS-315 **CERT Supplemental Training: The Incident Command System** - (8/13/2013)
- IS-317 **Introduction to Community Emergency Response Teams** - (6/26/2014)
- IS-320 **Wildfire Mitigation Basics for Mitigation Staff** - (10/31/2013)
- IS-322 **Flood Mitigation Basics for Mitigation Staff** - (10/31/2013)
- IS-323 **Earthquake Mitigation Basics for Mitigation Staff** - (10/31/2013)
- IS-325 **Earthquake Basics: Science, Risk, and Mitigation** - (10/31/2013)
- IS-326 **Community Tsunami Preparedness** - (10/31/2013)
- IS-366.a **Planning for the Needs of Children in Disasters** - (12/9/2015)
- IS-368 **Including People With Disabilities & Others With Access & Functional Needs in Disaster Operations** - (2/20/2014)
- IS-393.a **Introduction to Hazard Mitigation** - (10/31/2013)
- IS-405 **Overview of Mass Care/Emergency Assistance** - (12/10/2013)
- IS-454 **Fundamentals of Risk Management** - (10/31/2013)
- IS-546.a **Continuity of Operations Awareness Course** - (10/31/2013)
- IS-547.a **Introduction to Continuity of Operations** - (10/31/2013)
- IS-559 **Local Damage Assessment** - (10/31/2013)
- IS-700.b **An Introduction to the National Incident Management System** - (6/25/2018)
- IS-775 **EOC Management and Operations** - (8/6/2008)
- IS-800.b **National Response Framework, An Introduction** - (1/20/2017)
- IS-815 **ABCs of Temporary Emergency Power** - (12/27/2016)
- IS-906 **Workplace Security Awareness** - (10/31/2013)
- IS-907 **Active Shooter: What You Can Do** - (12/28/2015)
- IS-909 **Community Preparedness: Implementing Simple Activities for Everyone** - (10/31/2013)
- IS-910.a **Emergency Management Preparedness Fundamentals** - (10/19/2012)
- IS-915 **Protecting Critical Infrastructure Against Insider Threats** - (7/10/2013)
- IS-916 **Critical Infrastructure Security: Theft and Diversion – What You Can Do** - (10/31/2013)
- IS-922 **Applications of GIS for Emergency Management** - (10/31/2013)
- IS-951 **DHS Radio Interoperability** - (9/22/2016)
- IS-2200: **Basic Emergency Operations Center Functions** - (5/17/2019)
- IS-2500 **National Prevention Framework, an Introduction** - (3/27/2018)
- IS-2600 **National Protection Framework, An Introduction** - (3/27/2018)
- IS-2700 **National Mitigation Framework, an Introduction** - (3/27/2018)
- IS-2900.a **National Disaster Recovery Framework (NDRF) Overview** - (7/11/2018)

The ARRL offers several on-line courses. The courses listed here are recommended for those involved in disaster and emergency service. See these and other courses at the ARRL web site.

- Introduction to Emergency Communication EC-001**
- HF Digital Communications EC-005**
- PR-101: ARRL Public Relations (EC-015)**
- Public Service and Emergency Communications Management for Radio Amateurs- EC-016**

There are some costs with the ARRL courses but discounts and occasional scholarships are available to ARRL members. See [www.ARRL.org](http://www.ARRL.org) for details and enrollment.

## ARES-ACS Frequency Updates

The Tuesday night Ventura County ARES/ACS Net is held on the WD6EBY Sulphur Mt. Repeater. Local nets are 7:00 to 7:30 PM; County Net starts at 7:30 on WD6EBY Sulphur Mt. Repeater 145.200 (-) PL 127.3 / 445.560 Mhz(-) PL 141.3

**Good Frequencies** to have pre-programmed into your radios...

**Area 1 Simi Valley** – K6ERN 146.805 Mhz (-) PL 100.0

**Area 2 Conejo Valley, T. Oaks, Newbury Park** – N6JMI 147.885 Mhz (-) PL127.3 BOZO

**Area 3 Camarillo, Somis** – K6ERN 147.915 Mhz (-) PL 127.3

**Area 4 Oxnard, Port Hueneme, NBVC** – WB6YQN 146.970 Mhz (-) PL 127.3

**Area 5 Ojai Valley** – N6FL 145.400 Mhz (-) PL 114.8

**Area 6 Ventura City** – WA6ZSN 146.385 Mhz (+) PL 127.3

**Area 7 Santa Paula, Fillmore, Piru** – WA6ZSN 146.385 Mhz (+) PL 127.3

**Area 8 Moorpark, Santa Rosa Valley** – K6ERN 145.460 Mhz (-) PL 127.3

**County-Wide** – WD6EBY 145.200 (-) PL 127.3

**ACS Portable** – VCACS/p 144.930/147.585 Mhz PL 127.3

### Other Good Area Frequencies ...

AA6DP 147.090 Mhz (+) No PL Catalina

K0AKS 147.150 Mhz(-) PL127.3 TOaks

K6CPT DCS 145.300 Mhz (-) PL100.0 LA DCS

K6CPT DCS 147.270 Mhz (-) PL100.0 LA DCS

K6DCS DCS22 147.225 Mhz (+) PL 94.8 LA DCS

K6ERN 146.880 Mhz (-) PL 127.3 SMRA Red Mt.

K6ERN 147.765 Mhz (-) PL 127.3 Olivas Park / SMRA

K6TZ 146.790 Mhz (-)PL131.8 SBARC

KB6C 147.735 Mhz (-) PL 100.0 Oat Mt / MMRA

N6EVC 146.850 Mhz (-) PL 94.8 Rasnow

N6FDR 145.260 Mhz (-) PL 100.0 Malibu

W6AAX 147.180 Mhz (+) PL 186.2 Verdugo Peak

W6GRG 146.940 Mhz (-) PL 127.3 Simi DSW Repeater

W6YJO 145.180 Mhz (-) PL 131.8 Sta Ynez

WA6FGK 146.640 Mhz (-) PL 127.3 Simi Valley

WA6PPS 147.300 Mhz (-) PL 110.9 L.A.City ACS

WB6OBB 147.000 Mhz (+) PL 131.8 Sta Barbara

WD6EBY 145.240 Mhz (-) PL 127.3 Chatsworth Pk

Due to assignment and coordination of several D-Star Repeaters, TASMA, the southern California Two meter amateur frequency coordination body, has had to re-align several frequencies. Among these changes are the channelization (15 KHz spacing) of the 145.5 - 145.6 simplex allocation and reassignment of several frequencies from simplex to other uses.

None of the local Ventura County repeaters are directly affected; however several previous simplex frequencies are now in use either as repeater inputs or outputs. **New County ARES Packet frequency is 145.050 Mhz;**

**Ventura County ARES-ACS simplex frequencies** have been re-assigned as follows:

**Area 1 Simi Valley – 145.510 Mhz (S)**

Area 2 Conejo Valley, T.O., Newbury Pk – 146.445 Mhz (S)

Area 3 Camarillo, Somis – 146.550Mhz (S)

Area 4 Oxnard, Port Hueneme, NBVC – 146.595Mhz (S)

Area 5 Ojai Valley – 145.555Mhz (S)

Area 6 Ventura City – 147.510Mhz (S)

**Area 7 Santa Paula, Fillmore, Piru – 145.540 Mhz (S)**

Area 8 Moorpark – 146.535Mhz (S)

**County ARES Simplex – 145.615 Mhz (S)**

National Simplex – 146.520Mhz(S)

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### Ventura County ARES / ACS Emergency Coordinators

**ACS RO/ARES DEC:** Rob Hansen, W6RH, Email: [w6rh@arrl.net](mailto:w6rh@arrl.net)

**Assist ACS RO/Deputy DEC:** Rick Tate, KQ6NO Email: [kq6no@arrl.net](mailto:kq6no@arrl.net)

**Area 1 Simi Valley EC:** Steve King, KE6WEZ Email: [ke6wez@gmail.com](mailto:ke6wez@gmail.com)

**Area 2 TO, Conejo Valley EC:** Zack Cohen, N6PK, Email: [n6pk@arrl.net](mailto:n6pk@arrl.net)

**Area 3 Camarillo, Somis EC:** Avi Carmi, K6AVI Email: [avi@carmi.us](mailto:avi@carmi.us)

**Area 4 Oxnard, Hueneme, Mugu EC:** Hovan Salibian, K16BQL Email: [ki6bql@arrl.net](mailto:ki6bql@arrl.net)

**Area 5 Ojai EC:** Wayne Francis, W6OEU Email: [w6oeu@arrl.net](mailto:w6oeu@arrl.net)

**Area 6 City of Ventura EC (acting):** Grant Mohr, KG6SFW, E-mail [gmohr12@hotmail.com](mailto:gmohr12@hotmail.com)

**Area 7 Santa Paula, Fillmore, Piru EC:** Grant Mohr, KG6SFW, E-mail [gmohr12@hotmail.com](mailto:gmohr12@hotmail.com)

**Area 8 Moorpark, Santa Rosa Valley EC:** Marc Hanley KM6B, Email: [km6b@arrl.net](mailto:km6b@arrl.net)

**ARRL offers online training for hams who want to participate in the Amateur Radio Emergency Service.**

***The time for training is before a disaster...not during one.***

The former Amateur Radio Emergency Communications (AREC) series of three training courses has been reconfigured into two courses: An introductory course and a course for leaders and managers.

### **Introduction to Emergency Communication (#EC-001)**

Revised in 2018, this is an update of the former Level 1 course. It is designed to provide basic knowledge and tools for hams who want to serve as a Public Service volunteer. It provides an opportunity for non-hams who rely on communications in emergency situations to learn about Amateur Radio and its unique role in emergencies.

For start dates, registration deadlines and more visit [www.arrl.org/online-course-catalog](http://www.arrl.org/online-course-catalog)

### **Public Service and Emergency Communications Management for Radio Amateurs (#EC-016)**

Launched in 2010, this course is designed for Amateur Radio operators who will be in leadership and managerial roles, organizing other volunteers to support public service activities and communications emergencies. Participants will learn how radio amateurs prepare to support local community events and, when working in coordination with governmental and emergency response organizations, how to deploy their services. This is a self-study course. For more information and to register visit [www.arrl.org/online-course-catalog](http://www.arrl.org/online-course-catalog).

### **PR-101: ARRL Public Relations (EC-015)**

This is a basic training course for PIOs and anyone interacting with the media and promoting Amateur Radio.

This course is designed to give hams a quick overview in public relations activities. It uses the skills of experts in various aspects of public relations to provide volunteer Public Information Officers with the basic skills and expectations that a PIO needs to know to be effective in their home region.

PR-101 covers everything from the basic news release to Web sites and video work.

This course is available--free! -- on-line, or can be purchased in CD format from the ARRL store.

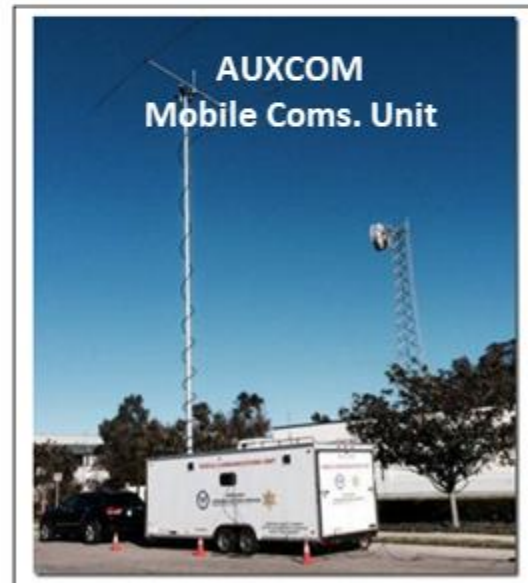


Photo credit KERO 23 ABC News

## Local Area Radio Nets Weekly Nets

### Monday

**Cuckoo Net 146.790 Mhz (-) / 131.8 Hz PL and 145.180 Mhz (-) / 131.8 Hz PL** every weekday morning from 8:00 AM to about 8:20 AM

**California Rescue ARES Net 7.25 Mhz** MTWThF 8:30 AM

**Santa Barbara South County ARES net 7:30 p.m. on 146.79 Mhz (-) PL 131.8.**

**LA DCS-22 Net** – 1930 Hrs. - **K6DCS - 147.225 MHz (+)** then on **7.235± MHz LSB**

**K6MEP / VCARC Club Net** – **145.200 Mhz (-) / 127.3 PL (WD6EBY linked system)** 8:00 PM

**Southern California ACS NET** MONDAY AT 2000 HOURS LOCAL TIME ON **3992, 3960 KHz LSB**

**LA Section ARES Net** - HF Every Monday following the VHF/UHF net (~2130 hrs) 1st, 3rd and 4th Monday - **75 meters 3.995 MHz (± 45 kHz)** / 2nd Monday - **10 meters 28.495 MHz**

### Tuesday

**Cuckoo Net 146.790 Mhz (-) / 131.8 Hz PL and 145.180 Mhz (-) / 131.8 Hz PL** every weekday morning from 8:00 AM to about 8:20 AM

**California Rescue ARES Net 7.250 Mhz** MTWThF 8:30 AM

**Ventura County ARES-ACS 6 Meter Net** – between 6:45 PM to 7:00 PM **K6SMR 52.980 Mhz (-) PL 82.5** SMRA Red Mt

**Ventura County ARES-ACS Simplex Net** – 6:30pm on 147.510 Simplex

**Ventura County ARES-ACS HF Net** – between 6:30 PM to 7:00 PM 40M on **7.235 Mhz LSB +/-** ;

**Ventura County ARES/ACS Nets** between 7:00 and 8:00 PM, the Ventura County Amateur Radio Emergency Service / Auxiliary Communications Service holds their local and County-wide nets. Local Nets are by area and normally run from 7:00 to 7:30 PM. The County-wide Net starts at 7:30 PM and normally finishes by 8:00 PM on **WD6EBY 145.200 (-) / 127.3 PL**

**SBARC Swap Net 146.790 Mhz (-) / 131.8 Hz PL and 145.180 Mhz (-) / 131.8 Hz PL** 7:30-8:00 PM

**West SB ARES HF Net** ( 1<sup>st</sup> Tuesday, Monthly) **3822 Khz LSB** 2030 / 8:30 PM

**6-Meter Roundtable - 50.125 Mhz USB** First Tuesday of each month 2000 / 8:00 PM

2030 **ATV Net 146.790 Mhz (-) / 131.8 Hz PL K6TZ** repeater

**SBARC Digital Communications Net 146.790 Mhz (-) / 131.8 Hz PL and 145.180 Mhz (-) / 131.8 Hz PL** 8:00 – 10:00 PM

### Wednesday –

**Cuckoo Net 146.790 Mhz (-) / 131.8 Hz PL and 145.180 Mhz (-) / 131.8 Hz PL** every weekday morning from 8:00 AM to about 8:20 AM

**California Rescue ARES Net 7.25 Mhz** MTWThF 8:30 AM

**Southern California ACS NET** 1000 Hours, 40 Meter Net **7230 KHz**

**SMRA Tech Net 146.880 Mhz (-) / 127.3 PL** (SMRA Red Mt) 8:00 PM

**SBARC Swap Net 146.790 Mhz (-) / 131.8 Hz PL K6TZ** 2000

### Thursday

**Cuckoo Net 146.790 Mhz (-) / 131.8 Hz PL and 145.180 Mhz (-) / 131.8 Hz PL** every weekday morning from 8:00 AM to about 8:20 AM

**California Rescue ARES Net 7.25 Mhz** MTWThF 8:30 AM

**So Cal 6 meter net, 51.940 Mhz – pl 82.5.** 1900-2000 local Thursdays.

**Southern Calif 6M SSB Technical Roundtable Net** Thursday night at 8:00 PM on **50.2 MHz USB SSB**

**SBARC / K6TZ Technical Mentoring Net** -- Thursday nights 8:00-9:00 PM **146.790 Mhz (-) / 131.8 Hz PL and 224.08 Mhz (-) 131.8 PL (linked)**

### Friday

**Cuckoo Net 146.790 Mhz (-) / 131.8 Hz PL and 145.180 Mhz (-) / 131.8 Hz PL** every weekday morning from 8:00 AM to about 8:20 AM

**California Rescue ARES Net 7.250 Mhz** MTWThF 8:30 AM

### Saturday

**Military Radio Collector Net 1800 / 6:00PM 3985 Kc +/- AM** [www.mrcqwest.org/mrcg-radio-nets/](http://www.mrcqwest.org/mrcg-radio-nets/)

### Sunday

**ARRL Southwestern Division Net** 0800 / 8:00 AM 3965 MHz.

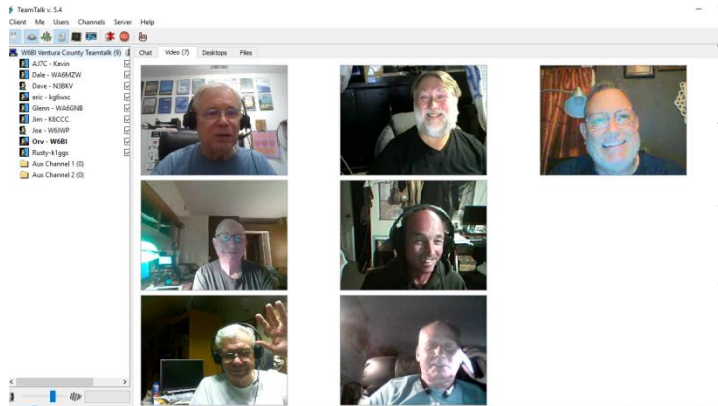
**Newbie Net** 7:00-7:30 pm Sundays; Bozo Repeater **147.885 Mhz (-) / PL127.3**

**Rabbit Net** 7:00- ??? pm Sundays Linked Rabbit repeaters

## What's Happening on the Ham Network? By Orv Beach W6BI, Vice President PVTAC

The ham radio network in Ventura County is growing steadily. We have new users coming on the network every week. If you'd like to take a look at the network, check out the map (courtesy Eric, KG6WXC) at <https://mapping.kg6wxc.net/meshmap>. Click on any node for its vital statistics!

Cameras – we have some cameras on the ham network. Even if you're not on the network yet, screenshots from them can be viewed at <http://http://wd6eby.actusa.net/cameras/>



### TeamTalk net

TeamTalk is a collaboration server. We have one running on the network, which allows us to have voice communications. We have a weekly net on Wednesdays. We usually run voice but can also run video: Network improvements (scheduled or in progress):

- Battery backup for Chatsworth Peak ( for both voice & data)
- Ham net backbone radio upgrades (various places – almost done)
- Camarillo Hills network access point upgrades.
  - Replace existing 5 GHz node, move it from southwest to northwest
  - Add another 5 GHz node, pointing approximately southwest
- South Mountain – upgrade 2 GHz user access node to a 5 GHz access node

### Future stuff:

Saddle Peak user access points – in planning

Red Mountain user access points – TBD

Network backbone enhancement in east county (to fix the really long link between Chatsworth Peak and South Mountain) – in planning

### PVARC/PVTAC

PVARC is the Pleasant Valley ARC. Created by Paul, WD6EBY, it supports the WD6EBY repeater systems, and the ham network in Ventura County. In order to better fund PVARC activities, a 501(c)3 was created for managing and tracking donations and other funding. It's called PVTAC – the Pleasant Valley Telecommunications Advisory Council. The name was left very generic to allow maximum flexibility in operations. The PVTAC board members are:  
(cont on page 20)

### **What's Happening on the Ham Network? (Cont. from page 19)**

Pres – Paul WD6EBY

VP – Orv W6BI

Treasurer – Ben AI6YR

Secretary – Hovan KI6BQL

If you'd like to donate to support PVARC, there's a PayPal link on <https://pvarc.club>!

### **Beginner's Guide**

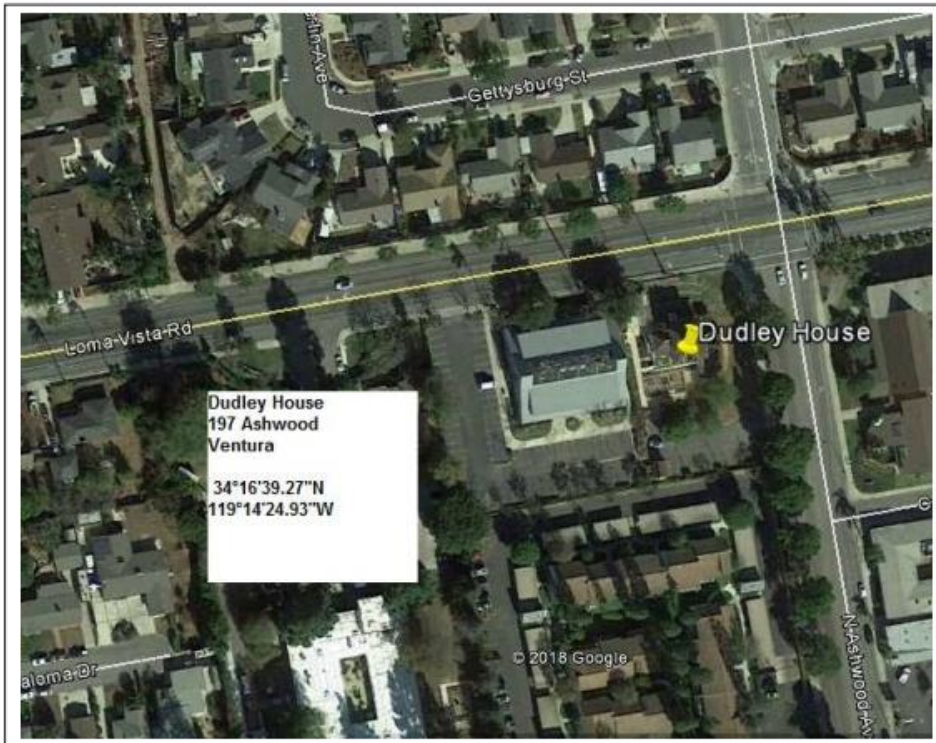
I've written an AREDN beginner's guide that's intended to give a ham who's starting at ground zero some idea of what this networking stuff is all about. It's available from me via email.

### **AREDN nNetworking software workshop**

Sometime this fall we'll be conducting a workshop on the AREDN software someplace in Ventura County. We'll be conducting training on installing and configuring the software and figuring out what to do with it once that's done :-). Recommended hardware can be found in the beginner's guide. (Highly recommend reading the guide before making any purchases).



## Meeting Location Maps





## ARRL News (all photos and icons from ARRL.org)



### WWV Centennial Celebration and Special Event Kick Off this Weekend

The culmination of months of planning will come to a head as the WWV Centennial Celebration and the related [WWØWWV](#) Amateur Radio special event get under way. WWØWWV will begin operation on Saturday at 0000 UTC and continue through October 2 at 0000 UTC. The National Institute of Standards and Technology ([NIST](#)), the Northern Colorado Amateur Radio Club ([NCARC](#)), and the

WWV Amateur Radio Club have teamed up to organize 100th anniversary events. WWØWWV will be active around the clock on 160 – 6 meters on CW, SSB, and digital modes (FT8 operation will be Fox and Hound, except on 160 meters). WWØWWV will operate from the challenging RF environment at the WWV site near Fort Collins, Colorado. Logs will be streamed live to Club Log, and all logs will be uploaded to Logbook of The World (LoTW) after the event ends.

WWØWWV committee member Dave Swartz, W0DAS, said he's been addressing last-minute details and putting out "many little fires." Swartz is camping out at the WWV site ahead of the special event.

WWV is reputed to be among the oldest — if not *the* oldest — continuously operating radio stations in the world. It started out as an experimental station that eventually became a time and frequency standard, and WWV often broadcast music in its early years. WWV served as a beacon for Amateur Radio pioneers, who may only have had a rough idea of where they were transmitting. When they began, early time announcements were in CW. Voice announcements did not start until 1950. Time announcements used to be every 5 minutes, but WWV switched to announcing the time every 60 seconds in 1971.

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#### **W3V East Coast Special Event Will Also Mark WWV Centennial**

An unrelated east coast special event, W3V in Maryland, will also celebrate the 100th anniversary of WWV. Originally an experimental/demonstration radio station, WWV was licensed to what then was called the National Bureau of Standards — today NIST — on October 1, 1919. The transmitter site, initially in the Washington, DC, suburbs, moved to the grounds of the Agricultural Research Center (BARC) in Beltsville, Maryland, in the 1930s, before relocating to Colorado in 1966.

The NASA Goddard Space Flight Center (GSFC) also was located on the BARC campus, and the Goddard Amateur Radio Club (GARC) will host the W3V special event September 28 – October 2 at the GARC club station, just north of the old WWV site. It will use the former WA3NAN space shuttle HF retransmission frequencies — 3.860, 7.185, 14.295, 21.395, and 28.650 MHz — as well as amateur satellites. For many years, the GARC retransmissions used 100-foot wooden antenna poles that it inherited from WWV.

As part of the WWV centennial, [HamSCI](#) and the Case Amateur Radio Club of Case Western Reserve University (W8EDU) invites all radio amateurs and others capable of making highly accurate HF measurements to participate in the [WWV Centennial Festival of Frequency Measurement](#). The event will take place on WWV's centennial, October 1, from 0000 to 2359 UTC (starting on Monday evening, September 30, in the Americas). Participants are requested to share their data with the HamSCI community on the [Zenodo](#) data-sharing site.

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### IARU Region 2 Emergency Communications Workshop Set

An emergency communications workshop will be held on October 3 in Lima, Peru, following the 20th International Amateur Radio Union Region 2 ([IARU R2](#)) General Assembly, to exchange information and increase the response capability of IARU Region 2 member-societies.

Topics will include Amateur Radio's response to the Chiapas and Mexico City earthquakes, the Fuego volcanic eruption, and use of the Mercalli scale in the Chile earthquake early warning system. A Winlink workshop will demonstrate the use of Winlink to send and receive e-mail messages via Amateur Radio.

Speakers from member-societies in Cuba, Ecuador, Canada, and Peru will discuss their emergency communication activities. — *Thanks to IARU Region 2 Emergency Coordinator Cesar Pio Santos, HR2P*



### ARRL Sets Facebook Live Event for Collegiate Amateur Radio Clubs

ARRL is inviting campus radio clubs to join a **Facebook Live Event** on Wednesday, October 16, at 6:30 PM PDT and MST; 7:30 PM MDT; 8:30 PM CDT, or 9:30 PM EDT. The **University of Arizona Amateur Radio Club** (K7UAZ) is hosting the event. ARRL staff member Bob Inderbitzen, NQ1R, and students from the radio club will discuss topics involving Amateur Radio clubs at colleges and universities, including how to recruit student members, popular activities for campus radio clubs, and Amateur Radio as a

springboard for career connections, networking, and practical experience. Your ideas and questions are welcome, and student radio club members and advisors may participate. This event will stream live on the ARRL Collegiate Amateur Radio Initiative (**CARI**) **Facebook** group, where collegiate radio clubs may share information, techniques, and resources. The **ARRL Collegiate Amateur Radio Initiative** is sponsored in part by the W1YSM Snyder Family Collegiate Amateur Radio Endowment Fund.



### ARRL Thanks Official Observers, as Volunteer Monitor Program is Set to Debut

As the September 30 date for the closing of the Official Observer program has just ended, ARRL has expressed deep appreciation to the hundreds of volunteers who gave their time as Official Observers (OOs) to help preserve the integrity of the Amateur Radio frequencies.

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### ARRL Thanks Official Observers, as Volunteer Monitor Program is Set to Debut (cont.)

The Official Observer program has served the Amateur Radio community and assisted the FCC Enforcement Bureau for more than 85 years. The OO program is giving way to the new Volunteer Monitor (**VM**) program, established as part of a formal partnership between ARRL and the FCC. ARRL and the FCC signed a *Memorandum of Understanding (MOU)* earlier this year that establishes the Volunteer Monitor program as a successor to the Official Observers. The first Volunteer Monitors should be in place and ready to begin their duties this fall.

“Thank you for your dedication and service,” ARRL Regulatory Information Manager Dan Henderson, N1ND, said. “It was the good work of the OOs over many years that laid the foundation for the FCC to recommend this new agreement for enforcement.” The FCC proposed the program following the closures of several FCC regional offices and a reduction in field staff.

Last February, Riley Hollingsworth, K4ZDH, who once handled Amateur Radio enforcement for the FCC, was named to oversee the development and implementation phases of the Volunteer Monitor program.

Under the new VM program, volunteers trained and vetted by ARRL will monitor the airwaves and gather evidence that could be used to correct misconduct as well as to recognize exemplary on-air operation. ARRL will refer instances of flagrant violation to the FCC for action, in accordance with FCC guidelines, and the FCC will give priority to enforcement cases developed by the VM program.

Official Observers were invited to apply to become Volunteer Monitors, and many did. The requirements for being a Volunteer Monitor include:

- + Ability to utilize state-of-the-art receiving equipment and to access no-cost remote receive sites; strong writing and communication skills
- + An understanding of the importance of thorough documentation
- + Basic word processing and data entry skills
- + The ability to send such information, including recordings, to ARRL electronically.

Applicants also must be ARRL members, have no history of FCC enforcement action, hold a Technician or higher license class, and been licensed for at least 3 years.

Applicants underwent a training and certification program administered by ARRL and were vetted by ARRL through at least one oral interview and a preliminary evaluation by ARRL staff. Volunteer Monitors will serve 3-year terms at the pleasure of ARRL.

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### ARRL Seeking Emergency Management Director

ARRL is seeking an emergency management director to oversee a team responsible for supporting ARRL emergency communication programs and services, including the Amateur Radio Emergency Service (ARES®) and National Traffic System (NTS), and to work with staff to develop standards, protocols, and processes designed to support the Field Organization. This is a full-time, exempt position at ARRL Headquarters in Newington, Connecticut.

This individual would serve as the official point of contact and liaison to key partners and other served agencies at the regional and national level. Duties would include representing ARRL at served agency and partner meetings, conventions, and exercises as well as organizing and providing presentations for various relevant audiences.

The emergency management director will oversee and manage the ARRL Emergency Preparedness Department and its support of the Field Organization that includes but is not limited to soliciting, training, and maintaining an ARRL Headquarters Emergency Response Team; creating, soliciting, or editing content for publications and electronic media; administering the Ham Aid program, and working with key partners to establish plans, protocols, and procedures for incorporating Amateur Radio in their emergency response plans.

Applicants should possess leadership ability as well as excellent written, interpersonal, and communication skills, and should hold an Amateur Radio license of General class or higher. Applicants should have at least 10 years' experience in emergency management or equivalent. A bachelor's degree or equivalent experience in emergency management is required. Certifications from NIMS, FEMA, or International Association of Emergency Managers are preferred.

Frequent domestic and occasional international travel would be required.



### Mount Diablo Amateur Radio Club Assisting in Restoring Fire-Damaged Repeaters

The Mount Diablo Amateur Radio Club (**MDARC**) Disaster Recovery Program for the 2018 Carr and Camp Fires has made a \$1,000 grant to the California Amateur Radio Linking Association (**CARLA**) toward the cost of rebuilding one of its destroyed sites. The CARLA network of repeaters provides coverage across California and Western Nevada to provide reliable communication during

significant local, regional, and wide-area incidents.

The MDARC Board of Directors has established a fund to assist organizations that have suffered ham system losses as a result of the Carr and Camp Fires, and it continues to seek additional clubs (Cont. on page 27)

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with fire-damaged systems that may require financial aid to rebuild. MDARC recognizes that many of these repeater systems are in critical areas that otherwise have very little Amateur Radio or cellular coverage, and are vital in providing important disaster traffic. **Contact** the club for more information.



### Report: North Korea Testing Digital Broadcasting on 80 Meters

*Radio World* reports that the People's Democratic Republic of Korea (North Korea) has resumed testing digital radio broadcasting on the 80-meter amateur band after a 2-year absence. North Korea is transmitting with the Digital Radio Mondiale (DRM) protocol. The latest transmissions on 3.560 MHz began in mid-August.

"It appears unclear at this time, however, whether the current series of transmissions will soon end or be the start of a regular

service," *Radio World* said. "According to radio enthusiasts in the region, the signal has been clear and very audible."

*Radio World* says Voice of Korea, the North Korean international broadcasting service, has conducted DRM trials off and on since 2012.



### Nine Schools and Organizations Make the Cut for Ham Contacts with ISS Crew

Amateur Radio on the International Space Station (ARISS) has announced that nine schools and organizations have been selected to host Amateur Radio contacts with International Space Station crew members during the first half of 2020. The selected host organizations must now complete equipment plans that demonstrate their

ability to execute the ham radio contact. Once a plan is approved, the final selected schools/organizations will have contacts scheduled as their availability matches up with the opportunities offered by NASA.

The schools and host organizations are: Celia Hays Elementary School, Rockwall, Texas; Golden Gate Middle School, Naples, Florida; J.P. McConnell Middle School, Loganville, Georgia; Kittredge Magnet School, Atlanta, Georgia; Maple Dale Elementary School, Cincinnati, Ohio; Monroe Carrell Jr. Children's Hospital at Vanderbilt, Nashville, Tennessee; Oakwood School, Morgan Hill, California; Ramona Lutheran School, Ramona, California, and River Ridge High School, New Port Richey Florida.

The primary goal of the ARISS program is to engage young people in science, technology, engineering, arts, and math (STEAM) activities and raise their awareness of space communication, radio communication, space exploration, and related areas of study and career possibilities.

**Stewart Stone KG6BOV K6MEP Editor's Article:**



What is 10-10?

Ten-Ten International Net, or 10-10 for short, is an organization of amateur radio operators dedicated to maintaining high levels of amateur radio communications on the 10-meter amateur band (28.0-29.7 MHz). Established in 1962, 10-10 has grown continuously since that day, with some ups and downs according to the numbers of sunspots and the openness of the band. As you read this, the number of 10-10 numbers issued to members is over 77,000. 10-10 would welcome your membership in the organization if you have an amateur radio license with 10-meter privileges.

10-10 is a volunteer organization with no paid officers. Although 10-10 does contract for certain services to ensure that each member receives his or her quarterly issue of 10-10 News, the 30+ page journal of 10-10 activities, the real work of providing services for members falls on the shoulders of dedicated volunteers.

Definition of a valid 10-10 contact.

A legal 10-10 contact must be a direct, two-way contact exclusively on ten meters, and must consist of the exchange of call sign, 10-10 number, name, date of contact and QTH (state or country). At no time is it acceptable for a 10-10 number to be relayed via a third station or copied from any other station. Repeater, Satellite, IRLP or any other similar types of assisted contacts may only be used for Bar and VP contact awards. The 10-10 number must be exchanged on the air, not copied from a QSL card, or from the web, or from any other source.

10-10 Sprint

Thursday 10 October 2019

by kz3tdan

Contact Dan Morris KZ3T

24-Hour Event

Dan Morris KZ3T

tentencontest@ten-ten.org

dbmorris315@gmail.com (Alternate)

Upload logs at the KJ4IZW Contest Scorer if possible, otherwise email logs to either of above addresses.

Location 10M

<https://ten-ten.org/>

