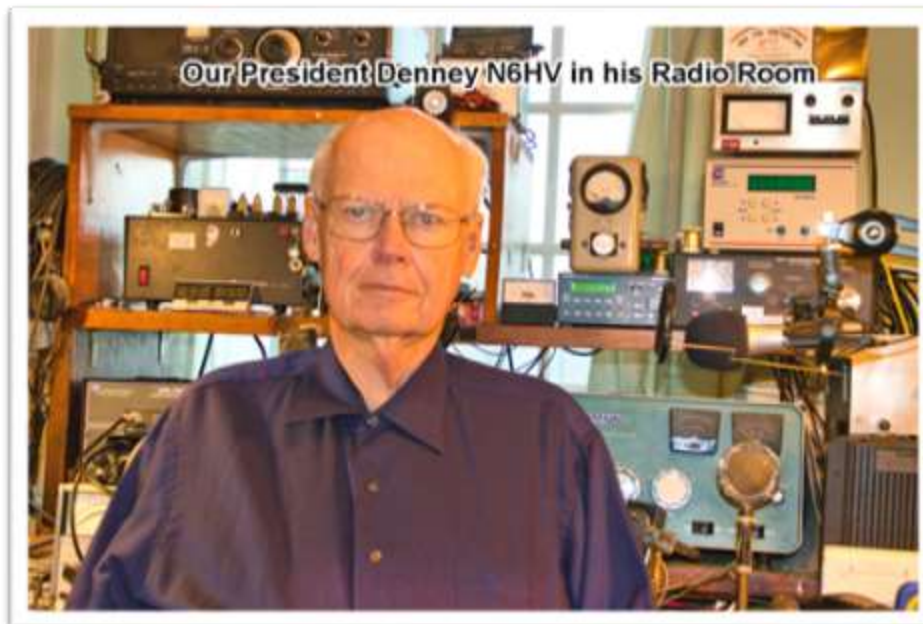




The March 13th physical club meeting was cancelled due to COVID-19 concerns and subsequently conducted via the æther. The April 10, 2020, 7pm meeting will also be held on air by our club President Denney N6HV who will utilize the Sulphur Mountain Repeater, on 145.200 MHz with a minus offset and a PL of 127.3 Hz. Please join your fellow club members in attending and sharing your recent amateur radio experiences.



President	Denney Pistole	N6HV
Vice-President	Clem Alberts	KM6OKZ
Secretary	Phil Cohen	WA6BUZ
Treasurer	John Gartman	W6JPG
Board Member	Stewart Stone	KG6BOV
Board Member	Robert Shank	KM6RSS
Board Member	Richard Abbey	WB6AEW
Photographer	Denney Pistole	N6HV
Facilities Mgr.	Richard Abbey	WB6AEW
Keyer Editor	Robert Shank	KM6RSS
PR chairman	Open	
Programs Chair	Open	
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 and photos from the ARRL are reproduced with permission. Material submitted for inclusion is encouraged. Submit material by email 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 (except December). Dues are \$20 per year.

Message from the President

The Prez Sez,

I would like to thank all the members of the Ventura County Amateur Radio Club for their support and understanding regarding the unforeseen cancellation of our March meeting. Unfortunately, by order of California's Governor Newsom, our April 10th meeting has also been canceled.

As such, I will again officiate the April 10th, 7pm on-the-air meeting on the Sulphur Mountain repeater, on 145.200 MHz with a minus offset and a PL of 127.3 Hz. Please join us and say hello to your fellow club members as well as any visiting hams that would like to check in. We may talk about what we have done ham-wise during the last week.

There was the first long duration, solar cycle 25, and flare on March 18th which did not cause a radio blackout or a geomagnetic storm, but did signal that conditions are improving for long distance HF propagation. We are still experiencing long stretches where there are no spots on the earth facing disk of the sun. The average of spotless days is just below the average for 2019. On March 21st there was report of a large Coronal Mass Ejection (CME) from the far side of the sun which will fortunately miss the earth.

On a side note, comet Atlas will become visible to the naked eye in early April unless it breaks up as it approaches the sun. Presupposing its survival, you'll not need thousands of dollars of glass (a telescope) to observe it.

On a sad note, the local library is temporarily closed. I have a small collection of amateur radio books I can lend out to the house bound. I am additionally considering proposing to the membership establishing a modest club library.

March 19th was the equinox, i.e. here the sun crosses the equator which means we're heading into spring, longer days and antenna weather.

We are looking for photographs of your new or rebuilt antenna to put in the newsletter. Have you done a little spring cleaning around the ham shack? If so, take a photo and send it in.

A lot of plans are up in the air. We have been notified that we have *tentative* approval for the use of the area next to the "Duck Pond" at Oxnard College for the 2020 Field Day. Things are being canceled every day; for example, the Dayton Hamvention was just canceled. Check your email, the VCARC Facebook page and look for group.io emails.

We do not sell your email address, but do use them in times like this to keep you informed about club activities and other relevant information, e.g. recent event cancellations. With that important thought in mind, please make sure the club has your current email address. If you do (Cont. on page 3)

Message from the President (Cont. from page 2)

not have an email address you may wish to provide the club with a telephone number to allow us to keep you informed in the event of any important last minute changes.

Reach out to your friends and let them know that you are there to help if needed. Like many of you, I miss our face to face get-togethers. Being stuck in the house can drive us all up the wall. Let

people and friends know you're well. Get on the air, on the phone or be plain old fashioned and write a letter. Better yet, send someone a QSL card. Oh, and don't forget the Monday night net on the Sulfur Mountain repeater. I'm still looking for a back-up net control operator. Training is provided and I'll even supply a radio. It's easy; as evidenced by that the fact that even I can do it.

Denney N6HV

Selected April Contests & Special Events

The following contests and special events caught your editor's eye. This is by no means a complete listing. Please see QST or the ARRL website (www.arrl.org) for any details and QSL information.

<p>About</p> <p>Rookie Roundup is a contest aimed at Amateurs licensed for three years or less. This six-hour event is held three times per year (April, August and December). Rookies can contact anybody, while "Old Timers" make contact with only Rookies. Mentoring is a big part of this event!</p>	
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Sunday, April 19, 2020, using SSB

<p>- Mission & Objective</p> <p>Mission: To encourage newly-licensed operators ("Rookies") in North America (including territories and possessions) to operate on the HF bands and experience competitive Amateur Radio operating. Experienced operators ("Non-Rookies") are strongly encouraged to participate and help new operators – either on the air or in person.</p> <p>Objective: Rookies exchange information with as many other stations as possible on the 80, 40, 20, 15, and 10 meter HF bands. Rookie entrants are encouraged to read "<i>HF Contesting – Good Practices, Interpretations and Suggestions.</i>"</p>
<p>+ Dates</p>
<p>+ Modes and Power</p>
<p>+ Score Submission Deadlines</p>
<p>+ Terms Of Entry</p>
<p>+ Awards</p>
<p>+ Complete Rules</p>
<p>+ Results and Feedback</p>
<p>+ Standard US State and Canadian Province Abbreviations</p>
<p>+ Paper Forms</p>
<p>+ Team Registration</p>

(Cont. on page 4)

Selected April Contests & Special Events (cont. from page 3)

- **04/08/2020 | Remembering the Lincoln Assassination - 155th year**
Apr 8-Apr 15, **0000Z-0000Z, K9L**, Springfield, IL. Sangamon Valley Radio Club. All modes, all bands. 14.250 14.070 7.270 3.860. QSL. K9L c/o Mitch Hopper, 536 E. Mill St., Rochester, IL 62563. www.svrc.org/k9l
- **04/11/2020 | Apollo 13 50th Anniversary**
Apr 11-Apr 17, **0000Z-2359Z, NN4SA etc**, Huntsville, AL. NASA Amateur Radio Clubs. 14.271. QSL. Check QRZ.COM for individual club, various, various. Numerous NASA clubs will be on the air. Check DX cluster for frequencies and call signs. Contact the appropriate club for QSL information. <https://nasaontheair.wordpress.com>
- **04/14/2020 | Sinking of the Titanic - 108th Anniversary**
Apr 14-Apr 15, **1540Z-0100Z, AL4US**, Pigeon Forge, TN. American Legion Post 104 Amateur Radio Club. 14.280 7.180 14.280. QSL. AL4US, c/o American Legion Post 104, P.O. Box 4242, Sevierville, TN 37864. www.tnpost104.org
- **04/15/2020 | Franklin County VA Moonshine Heritage Month**
Apr 15-Apr 30, **0500Z-0000Z, W4M**, Glade Hill, VA. Whiskey 4 Moonshine - W4M. All standard digital frequencies; Phone: 28.400 21.300 14.250 7.215 3.850 1.900; CW 28.100 21.105 14.050 7.050 3.550. QSL. Bryant Johnson, P.O. Box 103, Glade Hill, VA 24092. Franklin County VA is considered by many to be the Moonshine capital of the world. In celebration of the 100th anniversary of the passage of Prohibition we will commemorate the heritage of the moonshiners with a special event station that will operate for the period of 4-15-2020 until 4-30-2020 on 10 meters thru 160 meters. <https://www.facebook.com/groups/2476533519124786>
- **04/18/2020 | 2020 Feast of the Ramson**
Apr 18, **0800Z-1400Z, W8TFC**, Richwood, WV. The Family Center Amateur Radio Club. 147.015 14.220 7.220 3.820. Certificate. W8TFC, 3 Valley Avenue, Richwood, WV 26261. Certificates will be provided via E-Mail www.thefamilycenterofrichwoodwv.org/Ham/default.html
- **04/18/2020 | Activation of State Parks in the State of Texas**
Apr 18-Apr 20, **1400Z-0200Z, K5LRK**, The Colony, TX. Lake Area Amateur Radio Klub. CW bottom of band +40 kHz; Phone - general segment +25 kHz and 28.350; VHF - 50.200 and 144.200 MHz. QSL. Ken Rainy, AC3EZ, 529 Kenilworth Ave., Little Elm, TX 75068. Times are daily. www.k5lrk.com
- **04/18/2020 | April In Durand, IL**
Apr 18, **1500Z-2100Z, K9K**, Durand, IL. Winnebago County IL ARES/Skywarn. 14.270 7.190 3.840. QSL. Randy Long, 212 East Main St., Durand, IL 61024. This is a small town home show. We will have a booth promoting ham radio as a hobby and service to the local community. Our plan is to have two HF stations and one UHF/VHF station working during the event. The general public will have the opportunity to experience hands-on with the GOTA 2 meter station and watch and listen to our members make contacts on the HF stations and possibly satellite contacts all day. www.ecom1.com.
- **04/18/2020 | Franklin, LA Bicentennial in Conjunction with Bayou Teche Black Bear Festival and Wooden Boat Show**
Apr 18, **1600Z-2100Z, W5BMC**, Franklin, LA. Bayouland Emergency Amateur Radio Service (BEARS). 14.250 7.250. QSL. Jackie Price, 708 Front St., Morgan City, LA 70380.
- **04/18/2020 | Maker Faire Connecticut**
Apr 18-Apr 19, **0900Z-1700Z, N1M**, Westport, CT. Connecticut ARES. 14.225. Certificate. NA1RA, P.O. Box 354, New Milford, CT 06776. Celebrating the 9th annual Maker Faire Connecticut www.ctares.org
- **04/18/2020 | Parma Radio Club 8th Annual Earth Day**
Apr 18, **1500Z-2000Z, W8PRC**, Cleveland, OH. Parma Radio Club. 7.195 14.245 145.410 . QSL. Parma Radio Club, 8111 Laumer Avenue, Cleveland, OH 44105. Public invited. Our 8th Annual Earth Day Celebration Event. Operating on "ol sol" power from the historic educational Stearns Farm & Homestead at the town center of Parma, Ohio. www.parmaradioclub.com
- **04/18/2020 | The Safe Return of Apollo 13 - 50th Anniversary**
Apr 18, **1600Z-2100Z, K7T**, Tucson, AZ. Oro Valley Amateur Radio Club. CW 14.040 7.040; USB 14.250; FT8 18.100. Certificate. Send request to, qsl@tucsonhamradio.org for, certificate.. No paper QSLs please. www.tucsonhamradio.org

(Cont. on page 5)

• **Selected April Contests & Special Events (Cont. from page 4)**

- **04/18/2020 | Walter Reed Special Event**
Apr 18, 1400Z-1900Z, W4HZL, Gloucester, VA. Middle Peninsula Amateur Radio Club. 14.260 7.260. QSL. QSL Manager, W4HZL, P.O. Box 1121, Gloucester Point, VA 23062. Commemoration of Walter Reed, a US Army General born in Gloucester, Va. His work helped eradicate Yellow Fever and allowed construction of the Panama Canal to continue. www.mparc.net
- **04/18/2020 | World Amateur Radio Day**
Apr 18-Apr 19, 1200Z-1200Z, W7W, Ogden, UT. Nevada Amateur Radio Repeaters, Inc.. HF frequencies; EchoLink conference *World* 479886 IRLP 9251 VOIP . Certificate & QSL. Thomas Harrington , 636 West 24th St., Ogden, UT 84401. wrn-wfn.com
- **04/18/2020 | World Amateur Radio Day 2020**
Apr 18-Apr 19, 1600Z-0400Z, W2W, Rochester, NY. DoDropin Echolink Conference Node 355800. 446.025. Certificate & QSL. W2JLD/John Derycke, 85 Amherst St., Apt. 2, Rochester, NY 14607. This is a VOIP/ECHOLINK Special Event, *DODROPIN* Node 355800 Allstar Node 47620. To obtain a special event QSL Card and a certificate, send a S.A.S.E. TO : W2JLD/JOHN DERYCKE 85 AMHERST ST ROCHESTER NY 14607 w2jld2@gmail.com
- **04/22/2020 | Earth Day at Great Falls National Historical Park**
Apr 22, 1500Z-2100Z, W2NPT, Paterson, NJ. Fair Lawn Amateur Radio Club. 14.245 14.045 7.245 7.045. QSL. Fair Lawn Amateur Radio Club, 10-10 20th Street, Fair Lawn, NJ 07410. Event location is : Paterson Great Falls National Historical Park 72 McBride Avenue Paterson, NJ 07501 www.FairLawnARC.org
- **04/24/2020 | West Point Military Academy 58th Annual Scout Camporee**
Apr 24-Apr 26, 1800Z-2359Z, W2P, Brooklyn, NY. James Gallo / Ten Mile River Scout Museum ARC. 21.358 14.258 7.258 3.858. QSL. James Gallo, 149 Marine Avenue, Brooklyn, NY 11209.
- **04/25/2020 | 50th Anniversary of Hot Springs Village, Arkansas**
Apr 25, 1300Z-2200Z, W5HSV, Hot Springs Village, AR. Hot Springs Village Amateur Radio Club. 14.240 7.240 147.015 (PL tone 114.8 EchoLink node: 869766). Certificate. David, Johnson, 28 Descollar Cir., Hot Springs Village, AR 71909. www.w5hsv.weebly.com
- **04/25/2020 | Chardon Maple Festival**
Apr 25-Apr 26, 1400Z-2200Z, W8G, Chardon, OH. Geauga Amateur Radio Association . 14.250. QSL. Larry Shimerka, 965 Primrose Dr, Seven Hills, OH 44131. www.geaugaara.org
- **04/25/2020 | International Marconi Day**
Apr 25, 0000Z-2359Z, W4S, Fernandina Beach, FL. Cornish Radio Amateur Club. 7.200. Certificate & QSL. Brian Page, 1717 Tidewell Trace, Lawrenceville, GA 30043. W4S will operate from Fernandina Beach, Florida, site of the 1911 Marconi Company station MSF, an official Marconi Station. QSL from W4S for single contact. A certificate from the Cornish Radio Amateur Club is offered for operators establishing contact with 15 official IMD stations. Details are on the web site. www.gx4crc.com/gb4imd
- **04/25/2020 | San Jacinto Day Special Event**
Apr 25-Apr 26, 1500Z-2300Z, K5T, Nacogdoches, TX. Nacogdoches Amateur Radio Club. 14.260 14.174 7.220 7.174. QSL. Army Curtis, 167 County Rd. 2093, Nacogdoches, TX 75965. All contacts will be confirmed via LOTW. QSL requests must include SASE. W5NAC.com
- **04/25/2020 | WHOA/SCOTA**
Apr 25, 1300Z-1900Z, W1M, Russell, MA. Western Mass Council Scouting USA. 7.060 7.190 14.060 14.290. QSL. Tom Barker, 329 Faraway Road, Whitefield, NH 03598. paper logging is used--there is a delay in sending out qsl cards. sase required for qsl card



Available Gear

Yaesu FT-8 and accessories for sale

Please contact Ron K16YAX
vccart1@gmail.com



From the WT6JS Donation

Yaesu VX 3R, 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@arrl.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

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@arrl.net



- **Upcoming FCC Exam Session Preparations (no sessions are scheduled in the Ventura County or other nearby counties in the immediate future)**

- **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
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 Test Sites

(There are no license preparation or test sites locations within 100 miles of Ventura County listed in ARRL)

Trivia for April 2020

Did you know???

1. 1 out of 3 Americans eats fast food every day. (Taken before corona virus pandemic)
2. William Howard Taft was the first president to throw out a first pitch in a World Series game.
3. Presidents Jimmy Carter and Ronald Reagan are the only two presidents to admit seeing UFO's.

De

Dana

kg6wx

Beware of the Tax Man (in July). 😊

Calendar April 2020

6: K6MEP Monday Night Net

7: ACS/ARES Tuesday Night Net

10: Club Meeting (held on the Sulphur Mountain repeater, on 145.200 MHz with a minus offset and a PL of 127.3 Hz. Please join us at 1900 (7:00 pm) and say hello to your fellow club members and tell us about what you have been doing on amateur radio.)

13: K6MEP Monday Night Net

14: ACS/ARES Tuesday Night Net

20: K6MEP Monday Night Net

21: ACS/ARES Tuesday Night Net

27: K6MEP Monday Night Net

28: ACS/ARES Tuesday Night Net

From: main@vc-acs.groups.io

[mailto:main@vc-acs.groups.io] On Behalf Of Sheldon, Stuart - AG6AG

Sent: Saturday, March 21, 2020 12:24 PM

To: ACS Main List

Subject: [vc-acs] Turn on you radios and join the group!

Since we are all stuck at home, a small group of us think that this is a marvelous time to get on the air! Also, with many of us being considered in the 'High Risk' group for Corona, it would be a great way to communicate our individual situations with each other.

We would like to propose an informal meetup on the Bozo Repeater lasting 30 mins. every day at 09:00, 12:00, 18:00 and 21:00 local time. A place where local hams can reach out to each other and exercise their radios and their skills.

Mind you, this would not be a formal net, but just a set time to gather on the repeater and interact. No pressure, and no requirements, just a group of hams having fun and chatting!

The Bozo Repeater operates with the following settings:

Frequency: 147.885MHz

Offset: -

PL: 127.3

If you are having trouble getting on the repeater or need assistance, please feel free to reach out via email to AG6AG <stu@ag6ag.org> for help!

Please join the crowd!

Stu

AG6AG

K6MEP Monday night Net Script

QST- QST- QST. This is _____ (Name) _____ (Call Sign), with the Ventura County Amateur Radio Club Net. If there is 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) _____ (Call Sign), 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 net, open to all amateur radio operators and is 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. repeater on 146.385 MHz with a positive offset and a PL of 127.3 Hz as backup.

All amateurs are welcome to check in after the following announcements.

A roundtable will follow the check-ins. 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. The next meeting date is Friday _____ (insert date). We urge any non-members interested in the VCARC to contact the club Secretary, Phil Cohen WA6BUZ or send an email to him at K6MEP@qsl.net. Non-members interested in amateur radio are welcome to attend our meetings. When you check-in, please give your call sign, name and if you are a VCARC member. If you are not a member of the club, please include your QTH or location.

(Check-ins completed): Hearing no other check-ins, we will now begin with our Roundtable

Any last comments? ***** Any late, missed, or visitor check-ins?
Please check-in now.

Hearing no new check-ins does anyone have anything else they would like to add to tonight's net?

Hearing none;

(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 _____ call sign), tonight's VCARC net control, signing off.

Upcoming Hamfests and Conventions

Due to the COVID-19 pandemic, no Hamfests or Conventions currently show on the ARRL Calendar

From: MFJ Enterprises [mailto:mfj=mfjenterprises.com@send.aweber.com] On Behalf Of MFJ Enterprises

Sent: Thursday, March 26, 2020 7:35 AM

To: Member

Subject: Dayton Hamvention QSO Party

DAYTON HAMVENTION QSO PARTY

Let's celebrate the many years we have all had at the Great Gathering we call Hamvention. We also want to remember Ron Moorefield W8ILC who never missed a Hamvention and contributed to our club until his recent death. Let's light up the airwaves with our remembrances of Hamventions of the past! See you on the air! K3LR, Tim Duffy and W8CI, Michael Kalter.

Here is the deal: 12 hour event, 8 a.m. to 8 p.m. EDST on Saturday of Hamvention May 16, 2020. Operate CW or SSB on 160, 80, 40, 20, 15 and 10 meters. The exchange is a signal report and first year you attended Hamvention. If you have never attended Hamvention you send 2020.

Send your score (number of QSOs) to 3830scores.com within 5 days of the event. You can print a certificate on line via www.HVQP.org. More details will appear on the Hamvention QSO Party web site being set up now.

Special bonus: W8BI, the club call of the Dayton Amateur Radio Association (DARA is the host of Hamvention) will be activated by designated DARA members from their home stations. You can add 10 points for each band/mode QSO with W8BI (12 available). So you can earn 120 bonus points (like having 120 additional QSOs).

Visit:

<https://clicks.aweber.com/y/ct/?l=OCnXO&m=i2D06S69Ov08Pns&b=pkdpr807bboxNJFnSiyKkA> for the most details for this event.



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

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



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 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 Olivias Park / SMRA

K6TZ 146.790 Mhz (-)PL131.8 SBARC

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

K4INGL 145.360 Mhz (-) PL 156.7 Kimberly Peak

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)

Ventura County ARES / ACS Emergency Coordinators

ACS RO/ARES DEC: Rob Hansen, W6RH, Email: w6rh@arrl.net

Assist ACS RO/Deputy DEC: Rick Tate, KQ6NO Email: kq6no@arrl.net

Area 1 Simi Valley EC: Steve King, KE6WEZ Email: ke6wez@gmail.com

Area 2 TO, Conejo Valley EC: Zack Cohen, N6PK, Email: n6pk@arrl.net

Area 3 Camarillo, Somis EC: Avi Carmi, K6AVI Email: avi@carmi.us

Area 4 Oxnard, Hueneme, Mugu EC: Hovan Salibian, K6BQL Email: ki6bql@arrl.net

Area 5 Ojai EC: Wayne Francis, W6OEU Email: w6oeu@arrl.net

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

Area 7 Santa Paula, Fillmore, Piru EC: Grant Mohr, KG6SFW, E-mail gmohr12@hotmail.com

Area 8 Moorpark, Santa Rosa Valley EC: Marc Hanley KM6B, Email: 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

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.

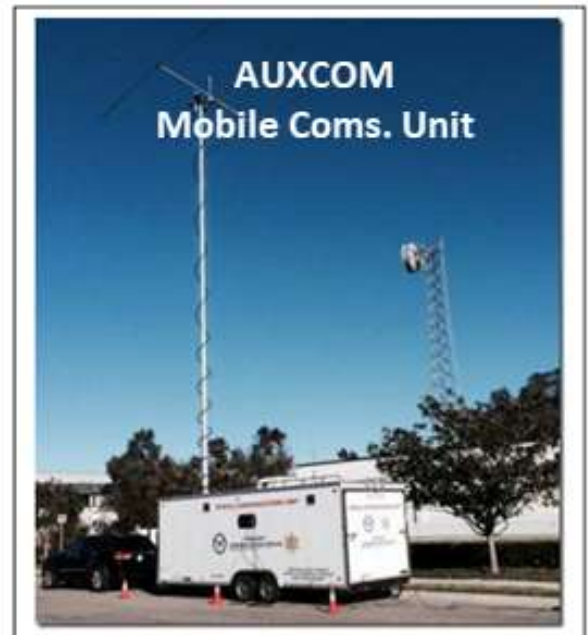
PR-101: ARRL Public Relations (EC-015)

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.



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 (1st 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/mrcq-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

News from PVARC

The network in Ventura County continues to grow. In the county there are almost 60 nodes (both hilltop and station), and in the greater Los Angeles area there are about 350 nodes. Within the reach of the network there can be up to 500 nodes visible.

With growth brings issues. We've been fighting some network instability recently and are working to address it through updating nodes running out of date software, making configuration changes, and investigating some possible tweaks to the network topology.

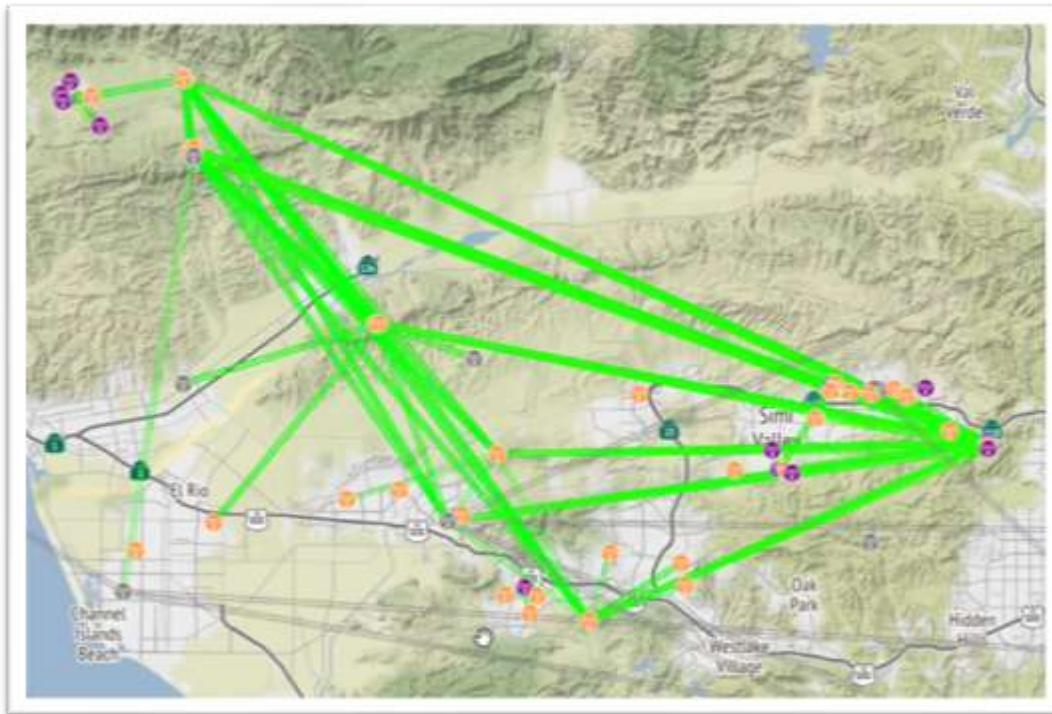
Here's a screenshot of the network map as generated by KG6WXC's mapper program. (Some nodes don't show on the map because they don't have latitude/longitude configured). The orange nodes are 5.8 GHz, the purple ones 2.4 GHz, and if you look closely you might see some blue ones. Those are the 3 GHz nodes. Grey nodes are linked via wire and have their radios turned off.

The map is on the Internet at <https://bit.ly/2UsFTwM>

We continue to have weekly voice nets on the digital network via the Teamtalk server.

We've had up to a dozen and a half folks check in on a Wednesday night. The server also supports concurrent video streams from users, and we've had as many as 7 streams going simultaneously. The nets are a lot of fun.

There is some network expansion planned – we may have news about that next month.



73

Orv W6BI
(Cont. on
page 17)

News from PVARC (Cont. from page 16)

From: social-hamnet-users@groups.io [mailto:social-hamnet-users@groups.io] **On Behalf Of** Orv W6BI

Sent: Friday, March 27, 2020 2:13 PM

To: SoCal Hamnet

Subject: [social-hamnet-users] FCC Gives WISPs Temp Access to 5.9GHz - BUT



Some of you may have heard that the FCC has given WISPs access to 5.9 GHz, specifically our Part 15 channels 170-184, for 60 days. However - there are a couple of things in our favor:

In the AREDN forums Joe AE6XE noted that the FCC has ruled and fined manufactures for allowing a WISP to configure their equipment to go above 5850, so it's questionable whether there are devices available to allow WISPs to take advantage of this STA.

Additionally, Paul WD6EBY noted that in the second document "Operations under this STA are not permitted within 75 kilometers of these locations". These are the locations listed that are in California:

Pacific Missile Test Center	340914N 1190524W
Vandenberg AFB	344348N 1203436W
Edwards AFB	345400N 1175200W
Ft. Irwin	351536N 1164102W
Ft. Hunter	355756N 1211404W
Parks Reserve Forces Training Area	374254N 1214218W
SAN NICOLAS	331447N 1193107W
POINT MUGU	340700N 1190900W
VANDENBERG CA	343458N 1203342W
EDWARDS CA	345739N 1175442W
PILLAR PT	372952N 1222959W

He ran a plot based upon the 75 KM (46.62 miles) for Ventura County. It shows areas where WISPs would be forbidden to operate...eventually.

If you're in the vicinity of any of the other installations listed, I encourage you to run similar plots, in order to be aware of areas that should be exempt but might start having issues with connectivity.

The documents in question are:

<https://docs.fcc.gov/public/attachments/DOC-363358A1.pdf> (Cont. on page 18)

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News from PVARC (Cont. from page 17)

<https://docs.fcc.gov/public/attachments/DOC-363358A2.pdf>

I think given these uncertain times, "When in doubt, buy more gain than you think you need" might be a reasonable guideline, considering the FCC is still mulling over what to do permanently with those channels.

73
Orv W6BI



Meeting Location Maps (meetings may be on-the-air)



Local ACS/ARES News (a new column beginning with this issue)

Sheriff Announces New Director of Office of Emergency Services



Sheriff Bill Ayub is proud to announce the appointment of Patrick Maynard as the Director of the Office of Emergency Services. Patrick is a 9-year member of the Ventura County Sheriff's Office, who began his career in 2011 as the alert and warning coordinator in the Office of Emergency Services (OES).

For the past seven years, Patrick has overseen the operations, training, and finance sections of OES. He has been the acting director of OES since the summer of 2019 when a nationwide recruitment was initiated to replace Kevin McGowan, who previously held the position. That recruitment effort culminated in the selection of Patrick as the OES director this week. He has taken the helm during a critical time when one of the greatest challenges confronts Ventura County residents: the Coronavirus pandemic.

Patrick has extensive experience managing the county's response and recovery efforts to many disasters, including fires, mudslides, oil spills, and the Borderline mass shooting.

"I am thrilled with Patrick's appointment," said Ventura County CEO Mike Powers. "I have had the pleasure of working closely with Patrick during our last few incredibly challenging years, and I have found him to be bright, strategic, collaborative and extremely hard-working - everything you want in an emergency manager and leader. With the partnerships he has established across our community and his 'whatever-it takes-to-get-it done' approach, we are fortunate to have him in this crucial role during this unprecedented health crisis."



ARRL News (all photos and icons from ARRL.org or other specified sources)



ARRL Headquarters Remains in Operation, Many Staffers Working Remotely

Interim ARRL Chief Executive Officer Barry Shelley, N1VXY, informed members on March 20 that ARRL will remain operational to meet their needs during the coronavirus pandemic. Shelley noted that ARRL is taking steps to help protect the health and safety of ARRL Headquarters employees, in line with the recommendations provided by US and Connecticut health officials and government leaders.

“We have arranged for many of our staff, depending on their job responsibilities and requirements, to work remotely during this unprecedented time,” Shelley said. “This helps the organization reduce the number of people in the building and improve our ‘social distancing’ capabilities.”

At present, all departments at ARRL Headquarters are functioning, and customer service representatives remain available to answer members’ questions or direct them to the appropriate department for assistance. Shelley advised that ARRL is encouraging members to use email as the preferred method of communication with ARRL, in order to get a timely response.

The ARRL Volunteer Examiner Coordinator (VEC) has been dealing with a higher-than-normal volume of emails and phone calls and is asking for members’ patience as they attempt to answer everyone’s questions as promptly as possible. “There has been some significant disruption to VE exam session schedules, given the restrictions imposed on gatherings in many locales,” Shelley pointed out. “As with our employees, the health and safety of our Volunteer Examiners is a top priority, and we have informed our VEs that they need to follow their local community’s guidelines and then use their best judgement when deciding whether to conduct, postpone, or cancel an exam session.”

As previously announced, ARRL has suspended all tours and guest visits to ARRL Headquarters and to W1AW until further notice. ARRL has also posted a **statement** relating to Field Day and the coronavirus situation.

“We will continue to monitor conditions from this outbreak and follow any additional guidelines provided by federal and state health professionals and government officials. We thank you for your understanding and patience during this difficult time,” Shelley said.

Refund Procedures in Place for Dayton Hamvention-Associated Social Events



Refunds are being processed for Dayton Hamvention-associated social gatherings, including **Contest University**, **Contest Dinner**, and **Top Band Dinner**. Each event has its own procedures. Those who signed up for the **DX Dinner** will be able to obtain refunds via PayPal. An email to all registrants will provide details. — *Thanks to Tim Duffy, K3LR, SWODXA*

(Cont. on page 23)

ARRL News (Cont. from page 22)



Ham Radio Clubs Connect Amid Social Distancing

As college campuses have sent students home to finish their classes online, members of the **K7UAZ Amateur Radio Club** in Tucson — a student organization at the University of Arizona — have moved their radio club meetings to, well, the radio. K7UAZ Station Manager Curt Laumann, K7ZOO, said that when the university largely shuttered its campus, club president Ken Gourley, KM6BKU, immediately transitioned regular meetings to an on-the-air format using the university repeater. The club already was holding a weekly net on Monday nights, but the added on-air club meetings offer another opportunity to get on the radio.

In recent months, in-person K7UAZ club

meetings have hosted presentations on such topics as EME (Earth-moon-Earth) communication and an AMSAT CubeSat simulation. As meetings move on the air, Gourley explained, he will send out a copy of meeting presentation slides so members can follow along. “I will lead the net and start with check-ins,” he said. “We will work our way through the slides, discussing previous events, upcoming activities, the treasurer’s report, projects, etc. I will take new check-ins every 5 – 10 minutes. We will conclude with officer comments and general comments. Hopefully it won’t take more than 30 – 45 minutes.”

ARRL staff member Bob Inderbitzen, NQ1R, who liaises for the ARRL Collegiate Amateur Radio Initiative (**CARI**), underscores the importance that all radio clubs encourage on-the-air activity in this challenging time. “While I know many businesses and schools have moved to online meetings and learning, I can think of many advantages for a radio club to move club meetings to on-air,” Inderbitzen said. His list includes:

Holding short meetings on the air will encourage individual club members to practice their personal radio communication capabilities. Station and skills readiness are tenets of the Amateur Radio Service.

Nets generally help new radio amateurs gain practical operating experience. Think of this current challenge as an opportunity to encourage your club’s new hams to get on the air.

As online fatigue and a feeling of isolation will inevitably creep into our “new normal,” being on-air will introduce *variety* into our communication practices. As many of us are now homebound working or studying, turning on a radio to connect with your ham radio peers will be welcome respite!

At K7UAZ, experienced club members provide instruction for members to access the K7UAZ ARC repeater from 2 meters and via *Echolink*. The club also offers members the opportunity to borrow handheld radios or to be patched in via HF or videoconferencing, if they live too far away from the repeater.

(Cont. on page 24)

ARRL News (Cont. from page 23)

ARRL is encouraging university radio clubs to network with other clubs and students via ARRL's CARI Facebook group. "Keeping our campus radio clubs going will ensure we are, together, advancing the art, science, and enjoyment of amateur radio. It's our collective mission," Inderbitzen said.

Long Island CW Club Offering Free, Online Morse Code Instruction for Homebound Youngsters



The **Long Island CW Club** in New York is offering free, online Morse code instruction for the "many youngsters at loose ends as a result of school closings due to COVID-19 concerns." The club's co-founder, Howard Bernstein, WB2UZE, pointed out that learning Morse code is "a fun and educational activity for children of all ages that can fill part of the gap left by the current unfortunate situation that has closed so many schools across the country." Ongoing classes will take place Monday through Friday, specifically for school-agers anywhere across the country or overseas, via Zoom online video conferencing. A computer equipped with a microphone and camera is required. Classes for elementary schoolers run 30 minutes

starting at 1600 UTC, followed by 45-minute classes for middle- and high school-aged students starting at 1645 UTC. Parental permission is required through advance registration. Contact class instructor Rob Zarges, K2MZ, by **e-mail** or call 508-831-8248. — *Thanks to Mel Granick, KS2G, ARRL New York City-Long Island Section Public Information Coordinator*

FCC Levies \$18,000 Fine on Louisiana Amateur Radio Licensee



In an enforcement case prompted by complaints filed in 2017, the FCC has imposed an \$18,000 forfeiture on Jerry W. Materne, KC5CSG, of Lake Charles, Louisiana, for intentional interference and failure to identify. The FCC had proposed the fine in a *Notice of Apparent Liability (NAL)* in the case in July 2018, and, based on Materne's response to the *NAL*, the agency affirmed the fine in a March 12 *Forfeiture Order (FO)*.

As the FCC recounted in the *FO*, an FCC agent "observed Materne causing intentional interference to a local repeater by generating digital noise into an analog radio." The agent further reported that Materne failed to transmit his call sign, as required.

Materne disputed the FCC's findings, arguing that the *NAL* should be canceled because the agent "was mistaken in his determination that the source of the interference was Materne's station" as his radio was not capable of operating on the repeater frequency in question, the FCC said in the *NO*. Materne also asserted that he is unable to pay the fine and suggested in his response that the FCC should be able to access his financial information. (Cont. on page 25)

ARRL News (Cont. from page 24)

The FCC countered that the radio the agent observed in Materne's possession was capable of operating on the frequency in question. "We therefore are unpersuaded...that the proposed forfeiture should be cancelled because, he alleges, he was not the party causing interference to the repeater and the radio in his possession could not operate on the frequency in question," the FCC said in affirming the findings of the *NAL*. "We are also unpersuaded by Materne's argument that he lacks the ability to pay the full \$18,000 forfeiture." The FCC said Materne failed to provide the FCC with proof of inability to pay, as required by the *NAL*.

The FCC gave Materne 30 days to pay the fine, or face having the case turned over to the US Department of Justice for enforcement.

Canceled Ohio ARES State Conference Morphs into Statewide Communication Exercise



Ohio Amateur Radio Emergency Service (ARES) canceled the Ohio ARES State Conference set for April 4 due to the coronavirus pandemic and repurposed the date for a statewide communication exercise, with an emphasis on communicating from home.

"Ohio has a high-profile station at the state Emergency Operations Center (EOC), with regular weekly EOC nets," ARES Section Emergency Coordinator Stan Broadway, N8BHL, said. "But with the national emphasis on staying home, we turned the vacated day into a 2-hour series of nets designed to have amateur operators check in using their home stations."

The exercise was the brainchild of Assistant SEC Tim Price, K8WFL, who suggested it would be a great way to showcase amateur radio's capabilities for state and community leaders. The Ohio HF Emergency Net will take check-ins on 40 and 80 meters (SSB), with the Ohio Digital Emergency Net (OHDEN) operating on 80 meters. Then, around 1 PM ET, a linked digital radio system will be brought into play, using DMR's Ohio talk group linked to the Fusion "Ohio Link" group. Broadway said stations will simply check in; no traffic will be handled. "It's just designed to prove we can communicate from home, while locked down, and still get the job done," he told ARRL.

"This is the same network topology used for the Ohio Watch Desk Project, providing statewide reporting during such events as the Memorial Day tornado outbreak last spring," Broadway said. The reports are fed directly to the watch desk at Ohio's state EOC, to enhance situational awareness for state emergency managers. "We plan to video an operator on the Statehouse steps, talking statewide using a small handheld," Broadway said. "This demonstration can be used to enhance our discussion of amateur radio with local and state officials."

Broadway said HF can be problematic most of the time if storms are moving across, producing static, and digital modes fill in the gap. "We used this [approach] during a couple tornado outbreaks to bring real-time local observation to the Ohio Emergency Management Agency Watch Desk," he said. — *Thanks to Stan Broadway, N8BHL*

(Cont. on page 26)

ARRL News (Cont. from page 25)



From: ARRL Web site
[mailto:memberlist@www.arrl.org]
Sent: Tuesday, March 24, 2020 4:00 PM
To: Members
Subject: ARLB009 W1AW to limit transmit schedule

SB QST @ ARL \$ARLB009
ARLB009 W1AW to limit transmit schedule

ZCZC AG09
QST de W1AW
ARRL Bulletin 9 ARLB009
From ARRL Headquarters
Newington CT March 24, 2020
To all radio amateurs

SB QST ARL ARLB009
ARLB009 W1AW to limit transmit schedule

In response to an executive order from Connecticut Governor Ned Lamont that all non-essential businesses and not-for-profit entities reduce in-person workforces because of COVID-19 pandemic concerns, W1AW has slightly altered its transmission schedule.

W1AW has suspended its morning code practice and qualifying run transmissions, beginning March 24, 2020. However, W1AW's evening transmissions, including qualifying runs, will be sent as usual -- there are no changes to the evening transmit schedule.

W1AW remains closed to the public.

Please see <http://www.arrl.org/news/arrl-headquarters-is-closing> for further details.