

August 2017

The KEYER

K6MEP

Ventura County Amateur Radio Club

Year 81 Issue 8



Projected shadow path for the 21 August 2017 Solar Eclipse

Ventura County swag/extrapolation appears to be approx. 60-65%

The Ventura County Amateur Radio Club, K6MEP will hold its next regular meeting at 7:30 PM on Friday the 11th of August 2017 at the **Ventura County Port Authority** 1603 Anchors Way Ventura, CA 93001, 34°15'11" N, 119°16'01" W, grid DM04IG, (see map pg 18). Board Meeting precedes the General Meeting. August meeting will feature a Presentation by Stewart KG6BOV on Portable and Field Operations

K6MEP

Ventura County Amateur Radio Club
PO Box 2103, Oxnard, CA 93034-2103

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K6MEP Keyer – The Journal of the Ventura County Amateur Radio Club

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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.

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Material submitted for inclusion is encouraged. Submit material on IBM(tm) PC diskettes, USB sticks, or by e-mail to kg6bov@arrl.net. MS Word, WordPerfect or ASCII is preferred. Send all submissions directly to the club mailing address at **K6MEP, PO Box 2103 Oxnard, CA 93034-2103** or deliver to the editor at any time mutually convenient.

K6MEP holds general membership meetings at 7:30 PM on the 2nd Friday of each month at The Ventura Port Authority building, 1603 Anchors Way Ventura 93001
Dues are \$20 per year.

Message from the President

Greetings Members:

It's been a busy month for many of us. Stewart will give a presentation based on his means and methods of communicating in his many ventures into the back country and will have things to display. For Sept., if Steve Hudson KI6BSQ is prepared, he will display his Yagi antenna project progress, or Ben Holmes AK6BH will bring us up to date on his home-brewing projects.

Stewart found K6MEP among only one or two clubs in the 10 Alpha Field Day rankings.

There will be numerous items of value available for your perusal that have been donated to K6MEP. Members will have preference to make offers; some prices will be suggested, others will be yours for a donation to the Club.

As always bring your energy, enthusiasm, ideas and yourself to the Friday 8/11 meeting - See you all there!

Joe Krigbaum K6NE
President, VCARC

Secretary's Column and Meeting Minutes

Ventura County Amateur Radio Club Inc. Club Meeting

Meeting Date : 14 July 2017

GENERAL MEMBERSHIP MEETING MINUTES

MEETING ADDRESS : Ventura Port District Building 1603

Anchors Way, Ventura

ATTENDANCE : Listed on Roll Check-In Sheet

CALL TO ORDER

Established quorum (25% of Voting Members = 6)

ANNOUNCEMENTS

MEETING MINUTES

Open meeting with Pledge of Allegiance

Introductions.

OLD BUSINESS

Field day review. Discussion on this year's event and any ideas for improvements.

NEW BUSINESS

GENERAL MEMBERSHIP MEETING

Steve KI6BSQ, presents a topic about Antenna concepts. Bob KD6UDA, demonstrated the construction of a ten minute transmitter qrp transmitter.

COMMENTS

Notes

Roll Call

Total attendance :

Guests:

(Cont pg 17)

Selected August 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.

08/06/2017 | **Montgomery County MD Agricultural Fair**
Aug 6-Aug 19, 1200Z-2359Z, W4H, Gaithersburg, MD.

4H Flying Tigers Aerospace Club & 4H Advanced Electricity Club. Certificate. mcagfair.com

08/10/2017 | **Birth of the IBM-PC Aug 10-Aug 14, 2359Z-2359Z, K7I**, Maple Valley, WA. L Greg Magone.

Certificate & QSL. This is the August special event station in support of the 2017 KB7QPS Air, Space, and Technology operating event.

airspacetechnology.webs.com

08/11/2017 | **DSES Annual Radio Telescope / Astronomy Open House Aug 11-Aug 13, 1400Z-2359Z, K0PRT**,

Haswell, CO. Deep Space Exploration Society. QSL. Deep Space Exploration Society. Astronomy open house at our 60 foot dish antenna site in Kiowa County. Hosted during the Perseid Meteor Shower, with educational activities for the public including optical and radio observing. We may use other amateur radio frequencies, including on 6 meters, if available. dses.science

08/11/2017 | **Meadowcroft Dig Site of 16,000 year old Rock Shelter Avella, PA Aug 11-Aug 21, 1900Z-2300Z, W3M**,

Avella, PA. Washington Amateur Communications Inc. QSL. WD8W. If not for the curiosity of a Washington County, Pa., farmer six decades ago, Meadowcroft Rockshelter – the oldest site of human habitation in North America – might have never been discovered. In 1955, Albert Miller stumbled upon a groundhog hole on his family's farm in Avella and uncovered what looked to be a prehistoric tool. www.wa3com.com

08/12/2017 | **Carnation Festival - Celebrating Alliance, Ohio as the birthplace of the Scarlet Carnation, Ohio's state flower Aug 12, 1400Z-2000Z, W8LKY**,

Alliance, OH. Alliance Amateur Radio Club. Certificate. Alliance Amateur Radio Club. Other frequencies & modes as circumstances permit. Stations contacted may download a certificate from our QRZ page. w8lky@w8lky.org or www.w8lky.org or www.qrz.com/db/w8lky

08/12/2017 | **Civilian Conservation Corps (CCC) On-The-Air Aug 12-Aug 13, 1400Z-2100Z, KG8JK**, Various CCC locations. Civilian Conservation Corps On-The-Air.

Certificate. The fourth annual Civilian Conservation Corps On-The-Air weekend will be held the second full weekend in August, 2017. The event will start Saturday at 14:00z (10:00am EDT) and run until Sunday 21:00z (5:00 pm EDT). The Civilian Conservation Corps came into being in the spring of 1933. Its goal was twofold: to provide needed economic relief to families suffering from the effects of the Great Depression and to protect and develop the natural resources of the United States. As radio played a big part in how the camps communicated with each other, we want to honor the contribution that "The Boys" of the corps made to our country by putting the sites of the CCC camps back on the air. For more information see our

website www.qsl.net/ccc or contact KG8JK via email: ccc@qsl.net . www.qsl.net/ccc

08/12/2017 | **USS Midway Museum Ship Special Event: USS Nautilus (SSN-571) passing under the North Pole on 8/3/58 Aug 12, 1600Z-2300Z, NI6IW**, San Diego, CA. USS Midway (CV-41) Museum Ship. QSL. USS Midway cv-41 COMEDTRA.

08/13/2017 | **Total Solar Eclipse in Franklin, NC Aug 13-Aug 26, 0401Z-0359Z, N4C**,

Franklin, NC. Franklin Amateur Radio Club. Certificate & QSL. Franklin ARC. The special US postage stamp for the Eclipse will be included. k2bhq.com

08/14/2017 | **Navajo Code Talkers Day Aug 14-Aug 16, 0000Z-2359Z, N7C**,

Window Rock, AZ. Navajo Amateur Radio Club. QSL. N7HG. www.qrz.com/db/n7c

08/15/2017 | **90 Year Anniversary of Experimenterende Danske Radioamatoerer (EDR) Aug 15, 0000Z-2359Z, OZ90HQ**,

Odense, DENMARK. Experimenterende Danske Radioamatoerer. All bands, including WARC bands, all modes. Certificate. please see, website for QSL, information, DENMARK. Participating call signs: OZ90EDR/OX90EDR/5P90EDR operating throughout 2017. Special operating event with OZ90HQ and OV90EDR on August 15 and, OZ90HQ August 19 for a special certificate. Please see website for QSL information. www.oz90edr.dk

08/15/2017 | **The 57th Annual International Village of McKeesport, Pennsylvania Aug 15-Aug 17, 1100Z-0200Z, W3Z**,

McKeesport, PA. Two Rivers Amateur Radio Club Inc. QSL. This event encompasses the area's only ethnic food and performance venue in Pittsburgh's Mon Valley. www.trarc.net

08/17/2017 | **2017 Eclipse Aug 17-Aug 21, 0500Z-0359Z, W9E**,

Marion/Goreville, IL. Shawnee Amateur Radio Club and Union County Amateur Club. QSL. W9E c/o, W9RY. www.w9e.w9ry.com

08/18/2017 | **MUD Volleyball (Epilepsy Foundation of CT) Aug 18-Aug 19, 2000Z-2000Z, K1M**,

Middletown, CT. Middlesex Amateur Radio Society. QSL. Visiting Operators are welcome at: Zoar's Pond (on Randolph Road) Middletown, (Middlesex County) CT, USA Look for a beige tent near the road at the parking area. www.w1edh.weebly.com

08/18/2017 | **SIUC Total Solar Eclipse Aug 18-Aug 22, 0000Z-2359Z, W9S**,

Carbondale, IL. Southern Illinois University Amateur Radio Club. QSL. w9uih.rso.siu.edu

08/19/2017 | **Andrew Jackson Higgins Memorial at Columbus Days Aug 19, 1400Z-1800Z, WA0COL**,

Columbus, NE. Pawnee Amateur Radio Club. QSL. Pawnee Amateur Radio Club, via LoTW. sites.google.com/site/pawneearc

08/19/2017 | **Birth of Tucson Aug 19, 1600Z-2300Z, W7AI**,

Tucson, AZ. Oro Valley Amateur Radio Club.. Certificate &

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- QSL. Oro Valley ARC, Operating from the Pima Air And Space Museum. tucsonhamradio.org
- 08/19/2017 | International Lighthouse Lightship Weekend Aug 19-Aug 20, 0000Z-0000Z, W2GSB**, West Babylon, NY. Great South Bay Amateur Radio Club. QSL. GSBARC W2GSB. Fire Island Lighthouse www.gsbarc.org
- 08/19/2017 | SARA 40th Anniversary Aug 19-Aug 26, 0000Z-2359Z, W8WKY**, Akron, OH. Silvercreek Amateur Radio Association. Certificate & QSL. N8JDM. www.w8wky.org
- 08/19/2017 | Shea Naval Aviation Museum S.E.S. Aug 19, 1300Z-1900Z, W1NAS**, South Weymouth, MA. NAS South Weymouth / Shea Naval Aviation Museum Amateur Radio Club. QSL. We will again be operating this S.E.S. along with the Tri-City ARC in Groton, CT. to commemorate the first flight of the blimp "Snowbird" from NAS South Weymouth to Resolute Bay in the Arctic Circle while the submarine USS Nautilus sailed under the polar ice cap beneath the blimp. qrz.com/db/w1nas
- 08/19/2017 | Solar Eclipse special event Historic downtown Gillette Wyoming Merchant day Aug 19-Aug 21, 1200Z-0600Z, W7E**, Gillette, WY. North East Wyoming Amateur Radio Association. QSL. We are activating in Gillette's Historic Downtown as visitors are going to be in the city anticipating the eclipse on the 21st of August. We will also operate on the 21st during the eclipse. newara.org
- 08/20/2017 | AA0RC Solar Eclipse Party Aug 20-Aug 21, 1700Z-2100Z, AA0RC**, Mexico, MO. Audrain Emergency Communications Inc. Certificate. Will begin operating 12noon Sunday until 6pm. Will begin operating 10.00am Monday until 4pm. www.aecimo.org
- 08/20/2017 | Historic Route 66 and Solar Eclipse Special Event Aug 20-Aug 24, 2100Z-2100Z, W9J**, Mobile on Route 66, IL. W9JUG and KD9CAE. QSL. QSL via, eqsl.cc and, LoTW. To request a Certificate of Participation via e-mail: w9jug@gmail.com or kd9cae@gmail.com. Beginning at approximately 2100 UTC on Sunday, August 20, 2017, I will be hosting a special event, along with Marie, KD9CAE, celebrating Historic Route 66, primarily in Illinois, the Land of Lincoln, and focusing on historic sites associated with Abraham Lincoln, as well as some other notable sites along "The Mother Road." On Monday, August 21, 2017, we will also be celebrating the Total Solar Eclipse, operating from a location in Missouri which will enjoy approximately 2 minutes of totality during the eclipse. The planned location is the Route 66 State Park near Eureka, MO..
- 08/20/2017 | Near Zero Sunlite, Great American Eclipse, Crystal City, MO Aug 20-Aug 22, 1400Z-2200Z, N0S**, Crystal City, MO. Jefferson County Amateur Radio Club. QSL. SASE Required for QSL www.jcarc.mo.org
- 08/20/2017 | Oregon Coast Total Eclipse Aug 20-Aug 22, 1600Z-1900Z, N7E**, Newport, OR. Lincoln County Amateur Radio Club. QSL. N7OY.lcarc@gmail.com or n7oy.org
- 08/20/2017 | Solar Eclipse Speccial Event 2017 Aug 20-Aug 22, 0900Z-2100Z, K0G**, Mount Holly, NC. Greater Gaston Amateur Radio Society. Certificate.
- 08/21/2017 | 2017 LCRC Solar Eclipse Special Event Aug 21, 0900Z-1700Z, K9S**, Godfrey, IL. Lewis & Clark Radio Club, Inc.. QSL. Lewis & Clark Radio Club, Inc. A special event QSL card is being developed for this event. All contacts during the event may receive one by sending their QSL card to: LCRC. Questions or comments regarding the 2017 LCRC Solar Eclipse Special Event Station may contact us at: K9HAM@K9HAM.ORG k9ham.org
- 08/21/2017 | Great American Total Solar Eclipse 2017 Aug 21-Aug 22, 1500Z-0300Z, K7E**, Laramie, WY. N7FST. QSL. Special QSL card available.
- 08/21/2017 | Historic Route 66 and Solar Eclipse Special Event Aug 21, 1400Z-1830Z, W9J**, Route 66 State Park, Eureka, MO. W9JUG and KD9CAE. QSL. QSL via, eqsl.cc and LoTW. To request a Certificate of Participation via e-mail: w9jug@gmail.com or kd9cae@gmail.com. This is the Eclipse portion of this special event. See more information under W9J, Aug 20-24, 2017.
- 08/21/2017 | K0E Eclipse Special Event Station Aug 21, 1500Z-1930Z, K0E**, Harrison, NE. Black Hills Amateur Radio Club. QSL. Black Hills Amateur Radio Club. Grid DN82bq www.w0blk.com
- 08/21/2017 | Solar Eclipse 2017 Lexington South Carolina Aug 21, 0000Z-1900Z, N4S**, Gastonia, NC. Greater Gaston Amateur Radio Society. QSL. w7csa@yahoo.com or www.ggars.org
- 08/21/2017 | Total Eclipse Across America Aug 21, 1500Z-1900Z, W0E**, Saint Joseph, MO. Missouri Valley Amateur Radio Club. QSL. Missouri Valley ARC. Celebrating center of country / center of 2017 eclipse totality.
- 08/21/2017 | Total Eclipse of the Sun Aug 21, 0000Z-2359Z, W7E**, Camano Island, WA. KW7Y. QSL. On August 21, 2017 there will be a total eclipse of the sun over much of the USA. W7E will be operating from Camano Island where the eclipse will reach a maximum of 89.76%. During the actual eclipse from 16:09 UTC to 18:38 UTC the station will be transmitting CW on 20 meters (and possible other bands) and collecting reports via the Reverse Beacon Network <http://www.reversebeacon.net/main.php>. All QSOs may be QSL'd via LOTW only. Listening reports may be sent directly via mail or Email.
- 08/21/2017 | Total Solar Eclipse Aug 21, 1400Z-2000Z, N9E**, Hopkinsville, KY. Special Event. QSL. www.qrz.com/db/kd9vv
- 08/21/2017 | W4E Solar Eclipse Special Event Aug 21, 1500Z-2015Z, W4E**, Lexington, SC. Ole Virginia Hams Amateur Radio Club. QSL. kc4dv@arrl.net or www.w4ovh.net
- 08/26/2017 | 41st Crim Festival of Races Aug 26, 1100Z-1600Z, W8ACW**, Flint, MI. Genesee County Radio Club. QSL. Genesee County Radio Club Inc. To celebrate the

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k6mep@qsl.net / www.qsl.net/k6mep
<https://groups.yahoo.com/neo/groups/K6MEP/info>

41th Annual Crim Festival of Races. The Genesee County Amateur Radio Club in association with GCARES, will be running a special event station. We will be operating on 40 meters and 2 meters on August 26th, 2017 from 7am EDT(1100Z) till 12pm EDT (1600Z). A special QSL card will be available for confirmed two-way QSO's by sending a SASE to the address below. Come help us celebrate one of Michigan's premier road races. w8acw.org

08/26/2017 | Buhl Day Aug 26-Sep 4, 0000Z-2200Z, W3B, Hermitage, PA. Mercer County Amateur Radio Club. QSL. Mercer County Amateur Radio Club. The 102nd Anniversary of Buhl Farm Park, which covers 300 acres donated to the Shenango Valley community by Frank Buhl a local industrialist, for the use and recreation purposes. Operating at various times as conditions permit. The club will be providing communications for a half marathon on the last day. A commemorative QSL will be available with a SASE. www.qrz.com/db/w3lif or www.w3lif.org

08/26/2017 | Katrina 12th Anniversary Aug 26-Aug 29, 2359Z-2359Z, K5A, Ocean Springs, MS. 599 DX Association. Certificate. AG5Z. k5yg@aol.com

08/26/2017 | National Park Service Birthday at Coronado National Memorial Aug 26, 1500Z-2300Z, W7SVD, Hereford, AZ. Sierra Vista Contesting Club. QSL. W7SVD. NPS is 101 years old. To celebrate W7SVD is operating from the Memorial's Montezuma Pass high in the Huachuca Mountain of SE Arizona one mile from the Mex/USA international border. ghays@cis-broadband.com

08/27/2017 | Hollenberg Pony Express Festival Celebrating the 156th Anniversary of the Pony Express Aug 27, 1430Z-2100Z, K0ASA, Hanover, KS. Crown Amateur Radio Association. Certificate & QSL. Crown Amateur Radio Association. www.arrlmidwest.org/ponyexpress.html

08/30/2017 | City of Le Havre 500th Anniversary Aug 30-Sep 4, 0000Z-2359Z, TM500LH, Le Harve, FRANCE. Le Havre Wireless Society. All bands, all modes. Certificate. F6KOH. Event also being held in October www.qrz.com/db/tm500lh

08/30/2017 | Columbia County Fair Aug 30-Sep 4, 1200Z-2000Z, K2F, Chatham, NY. Rip Van Winkle Amateur Radio Society. Certificate & QSL. K2WG. Also active on local VFH/UHF repeaters. www.rvwars.com

903 MHz... Why bother?

Well you probably shouldn't, unless you like VHF contesting! Last month I mentioned the only band that I had that I did not make a contact on during Field Day was 33 cm (900 MHz.) Often referred to as the 902 or 903 MHz band, this is one of many shared bands that we have on a secondary basis. 'Secondary' meaning we have to accept interference from ISM (Industrial Scientific and Medical) users but may receive protection from unlicensed devices (good luck with that.) In our area there is a lot of interference in the upper part of the band. The Amateur Radio allocation is 902 MHz to 928 MHz.

The band plan is managed by the local coordinator, SCRRBA (Southern California Repeater and Remote Base Association.) There are areas for weak signal (usually means CW & SSB), FM (simplex, repeaters, etc.,) Amateur Television, and so on. Due to the lack of equipment there isn't much weak signal CW or SSB activity. I don't believe there were any Ham rigs manufactured for those modes maybe because we've only had this band since 1985. Down East Microwave sells a linear transverter for weak signal operation if you really want to be cool, but I don't think you'll find anyone around here to talk to with it. There is local ATV activity with a 919.25 MHz output from the Oat Mountain Amateur Television repeater serving San Fernando, Simi, Santa Clarita Valleys and portions of Ventura County and LA. Perhaps more importantly there is contesting activity using FM.

A few locals, namely some members of the Ventura County Amateur Radio Society (me too), bought Alinco DJ-G29 handhelds (covers 220 and 900) when they went on sale prior to being discontinued. Why? Contest points. 3 points per 33 cm contact vs 2 points for 220 & 432 and 1 point for 2M and 6M contacts in ARRL VHF contests. So it is worthwhile: more points and multipliers. I should mention that being FM we're supposed to operate in the upper part of the band, but as locally there is a lot of peg-the-S-meter ISM interference we usually have the brief QSO needed for contesting in the dead quiet 902 MHz to 903 MHz weak signal area. I run a 'big-gun' station on 900 with a 50W converted cell phone power amp and a 17 el M2 Yagi. Most everyone else just uses the Alinco HT with rubber duck, but a small Yagi is highly recommended (and fortunately, they are small at 900.)

I almost forgot, there are 33 cm repeaters too. There's a SMRA K6ERN repeater here on Red Mountain and a couple dozen other repeaters scattered through southern California.

Steve Noll, WA6EJO

Upcoming FCC Exam Sessions

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 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.
5. 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.
6. Two number two pencils with erasers and a pen.
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.
8. Bring a check, a money order or cash to cover the exam session fee(s). Check the ARRL VEC's current exam fee.

License Preparation and Sample Test Sites

<http://aa9pw.com/radio/>

<http://hamexam.org/>

<http://twit.tv/show/ham-nation> -- Weekly Webcast

<http://www.AmateurLogic.tv> -- Weekly Webcast

<http://www.eham.net/exams/>

<http://www.Facebook.com/HamStudy>

<http://www.hamradiolicenseexam.com> -- cost / on-line subscription

<http://www.hamstudy.org> (ICOM sponsored site) requires free registration

<http://www.qrz.com/ht/> -- requires free registration

<http://www.radioexam.org/>

Upcoming FCC Exam Sessions

08/02/2017 Time: 7:30 PM (Walk-ins allowed) Sponsor: Baldwin Hills ARC **VEC: ARRL/VEC Contact: Edward L. Walker (323) 394-1818 www.barc.us Email: EDLWALKER@PACBELL.NET Location: Round Table Pizza 4330 Redondo Beach Blvd Torrance CA 90504-1031**

08/05/2017 10:00 AM (Walk-ins allowed) Test 1st Saturday Every Month Sponsor: AA6WC/Ali Hassan VEC: ARRL/VEC Contact: Ali Hassan (323) 758-0565 Email: aa6wc@prodigy.net Location: VE's Residence 6043 3rd Avenue Los Angeles CA 90043-2618

08/05/2017 Time: 11:00 AM (Walk-ins allowed) Sponsor: ARES LAX VEC: ARRL/VEC Contact: James W. Laage (818) 368-8710 Email: cllaage@verizon.net Location:

Valley Presbyterian Hospital (Health Education Center) 15107 Vanowen Street Van Nuys CA 91405-4542

08/06/2017 Time: 7:30 AM (No walk-ins) Sponsor: Calabasas/LH Sheriff's Station **VEC: Greater LA VEC Contact: Norman M. Goodkin (818) 222-7893 Email: hamclass@goodkin.net Location: Lost Hills Sheriff's Station (Assembly Room) 27050 Agoura Rd Agoura Hills CA 91301-5332**

08/12/2017 Time: 7:00 AM (No walk-ins) Sponsor: PAPA VEC: Greater LA VEC Contact: Norman M. Goodkin (818) 222-7893 Email: hamclass@goodkin.net Location: Lulu's Restaurant 16900 Roscoe Blvd Van Nuys CA 91406-1101

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<https://groups.yahoo.com/neo/groups/K6MEP/info>

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- 08/12/2017 Time: 8:00 AM (No walk-ins) Sponsor: SMRA Emergency Repeater Network VEC: [ARRL/VEC](#) Contact: George W. Kreider (805) 754-2677 Email: kn6la@verizon.net Location: Betty Plotkin Center, American Red Cross 834 / 836 Calle Plano, Camarillo, Ca 93012; 34d 11m 55.21s N / 119d 00m 28.30s W ; Directions: From US 101, exit Pleasant Valley / Santa Rosa Road, southbound on Pleasant Valley turning left at Pancho Rd. approx. 3/4 mile on Pancho Rd. Left on Pancho at Calle Bolero; Red Cross is 1/2 mile directly ahead.**
- 08/12/2017 Time: 9:00 AM (Walk-ins allowed) Sponsor: South Bay ARC VEC: [ARRL/VEC](#) Contact: Joseph M. Lanphen (310) 328-0817 Email: jlansphen@ca.rr.com www.w6sba.org for details Location: Torrance Memorial Med Center 3330 Lomita Blvd Rm A, 2nd Flr, West Tower Torrance CA 90505-5002**
- 08/12/2017 Time: 11:00 AM (Walk-ins allowed) Sponsor: ARES LAX VEC: [ARRL/VEC](#) Contact: James R. Stoker (310) 775-5613 Email: jstoker@it.ucla.edu Location: Huntington Hospital 100 W Colorado Blvd Pasadena CA 91105-3010 Wingate Bldg East conf. Room; Check in Booth E parking Lot www.arrllax.org (ed. Note – Huntington Hospital is 100 W CALIFORNIA)**
- 08/13/2017 Time: 8:30 AM (Walk-ins allowed) Sponsor: Conejo Valley ARC VEC: [ARRL/VEC](#) Contact: Jeffrey M. Reinhardt (818) 706-3853 Email: jmreinhardt@sbcglobal.net Location: Ventura County Sheriff's E County Station, Community Room 2101 E Olsen Rd Thousand Oaks CA 91360-6861 Betw 23 Hwy & Reagan Library**
- 08/19/2017 Time: 8:30 AM (Walk-ins allowed) Sponsor: Downey ARC VEC: [ARRL/VEC](#) Contact: Steve J. Grudzinski (951) 674-4699 Email: sgrudzinski1@verizon.net Location: Fire Station #1 12222 Paramount Blvd (1/2 Mile N Of Imperial Hwy) Downey CA 90242-3537**
- 08/25/2017 Time: 7:00 PM (Walk-ins allowed) Sponsor: WA6IRC Radio club VEC: [ARRL/VEC](#) Contact: Mark G. Moore (818) 842-1786 Email: n6mgm@outlook.com Location: Millie's rest 16840 Vanowen St Van Nuys CA 91406-4539**
- 08/26/2017 Time: 10:00 AM (Walk-ins allowed) Sponsor: Crescent Bay VE Grp/W6TRW ARC VEC: [ARRL/VEC](#) Contact: Scott Swanson (310) 459-0337 Email: k6pyp@arrl.net Location: Northrop Grumman 1 Space Park Blvd (Bldg S Cafeteria) Parking lot off Marine Blvd Redondo Beach CA 90278-1001**
- 08/26/2017 Time: 10:00 AM (Walk-ins allowed) Sponsor: Crescent Bay VE Grp/W6TRW ARC VEC: [ARRL/VEC](#) Contact: Scott Swanson (310) 459-0337 Email: k6pyp@arrl.net Location: Northrop Grumman 1 Space Park Blvd (Bldg S Cafeteria) Parking lot off Marine Blvd Redondo Beach CA 90278-1001**
- 09/02/2017 10:00 AM (Walk-ins allowed) Test 1st Saturday Every Month Sponsor: AA6WC/Ali Hassan VEC: [ARRL/VEC](#) Contact: Ali Hassan (323) 758-0565 Email: aa6wc@prodigy.net Location: VE's Residence 6043 3rd Avenue Los Angeles CA 90043-2618**
- 09/02/2017 Time: 11:00 AM (Walk-ins allowed) Sponsor: ARES LAX VEC: [ARRL/VEC](#) Contact: James W. Laage (818) 368-8710 Email: cllaage@verizon.net Location: Valley Presbyterian Hospital (Health Education Center) 15107 Vanowen Street Van Nuys CA 91405-4542**
- 09/09/2017 Time: 7:00 AM (No walk-ins) Pre-Reg Required Sponsor: The PAPA System VEC: [Greater LA VEC](#) Contact: Norman M. Goodkin (818) 222-7893 Email: hamclass@goodkin.net Location: Dinah's Family Restaurant 6521 S Sepulveda Blvd Los Angeles CA 90045-1508**
- 09/09/2017 Time: 8:30 AM (No walk-ins) Sponsor: Santa Barbara ARC VEC: [ARRL/VEC](#) Contact: Darryl Widman (805) 969-2326 Email: kf6di@sbarc.org Location: County Health Care Services 300 N San Antonio Road Santa Barbara CA 93110-1370 Southwest corner of bldg**
- 09/09/2017 Time: 11:00 AM (Walk-ins allowed) Sponsor: ARES LAX VEC: [ARRL/VEC](#) Contact: James R. Stoker (310) 775-5613 Email: jstoker@it.ucla.edu Location: Huntington Hospital 100 W Colorado Blvd Pasadena CA 91105-3010 Wingate Bldg East conf. Room; Check in Booth E parking Lot www.arrllax.org (ed. Note – Huntington Hospital is 100 W CALIFORNIA)**
- 09/16/2017 Time: 8:00 AM (No walk-ins) Sponsor: Santa Clarita ARC VEC: [Greater LA VEC](#) Contact: Ronald B. Klein (661) 259-0948 Email: rklein46@roadrunner.com Location: Santa Clarita Valley Senior Center 22900 Market St Santa Clarita CA 91321-3608**
- 09/29/2017 Time: 7:00 PM (Walk-ins allowed) Sponsor: WA6IRC Radio club VEC: [ARRL/VEC](#) Contact: Mark G. Moore (818) 842-1786 Email: n6mgm@outlook.com Location: Millie's rest 16840 Vanowen St Van Nuys CA 91406-4539**
- 09/30/2017 Time: 10:00 AM (Walk-ins allowed) Sponsor: Crescent Bay VE Grp/W6TRW ARC VEC: [ARRL/VEC](#) Contact: Scott Swanson (310) 459-0337 Email: k6pyp@arrl.net Location: Northrop Grumman 1 Space Park Blvd (Bldg S Cafeteria) Parking lot off Marine Blvd Redondo Beach CA 90278-1001**
- 10/04/2017 7:30 PM (Walk-ins allowed) Sponsor: Baldwin Hills ARC VEC: [ARRL/VEC](#) Contact: Edward L. Walker (323) 394-1818 www.barc.us Email: EDLWALKER@PACBELL.NET Location: Round Table Pizza 4330 Redondo Beach Blvd Torrance CA 90504-1031**
- 10/07/2017 10:00 AM (Walk-ins allowed) Test 1st Saturday Every Month Sponsor: AA6WC/Ali Hassan VEC: [ARRL/VEC](#) Contact: Ali Hassan (323) 758-0565 Email: aa6wc@prodigy.net Location: VE's Residence 6043 3rd Avenue Los Angeles CA 90043-2618**
- 10/07/2017 Time: 11:00 AM (Walk-ins allowed) Sponsor: ARES LAX VEC: [ARRL/VEC](#) Contact: James W. Laage (818) 368-8710 Email: cllaage@verizon.net Location: Valley Presbyterian Hospital (Health Education Center) 15107 Vanowen Street Van Nuys CA 91405-4542**

K6MEP Keyer – The Journal of the Ventura County Amateur Radio Club

10/08/2017 Time: 8:30 AM (Walk-ins allowed) Sponsor: Conejo Valley ARC **VEC:** [ARRL/VEC](#) **Contact:** Jeffrey M. Reinhardt (818) 706-3853 **Email:** jmreinhardt@sbcglobal.net **Location:** Ventura County Sheriff's E County Station, Community Room 2101 E Olsen Rd Thousand Oaks CA 91360-6861 **Betw 23 Hwy & Reagan Library**

10/14/2017 Time: 7:00 AM (No walk-ins) Sponsor: PAPA **VEC:** [Greater LA VEC](#) **Contact:** Norman M. Goodkin (818) 222-7893 **Email:** hamclass@goodkin.net **Location:** Lulu's Restaurant 16900 Roscoe Blvd Van Nuys CA 91406-1101

10/14/2017 Time: 8:00 AM (No walk-ins) Sponsor: SMRA **Emergency Repeater Network VEC:** [ARRL/VEC](#) **Contact:** George W. Kreider (805) 754-2677 **Email:** kn6la@verizon.net **Location:** Betty Plotkin Center, American Red Cross 834 / 836 Calle Plano, Camarillo, Ca 93012; 34d 11m 55.21s N / 119d 00m 28.30s W ; **Directions:** From US 101, exit Pleasant Valley / Santa Rosa Road, southbound on Pleasant Valley turning left at Pancho Rd. approx. 3/4 mile on Pancho Rd. Left on Pancho at Calle Bolero; Red Cross is 1/2 mile directly ahead.

10/14/2017 Time: 9:00 AM (Walk-ins allowed) Sponsor: South Bay ARC **VEC:** [ARRL/VEC](#) **Contact:** Joseph M. Lanphen (310) 328-0817 **Email:** jlanphen@ca.rr.com **www.w6sba.org** for details **Location:** Torrance Memorial Med Center 3330 Lomita Blvd Rm A, 2nd Flr, West Tower Torrance CA 90505-5002

10/14/2017 Time: 11:00 AM (Walk-ins allowed) Sponsor: ARES LAX **VEC:** [ARRL/VEC](#) **Contact:** James R. Stoker (310) 775-5613 **Email:** jstoker@it.ucla.edu **Location:** Huntington Hospital 100 W Colorado Blvd Pasadena CA 91105-3010 Wingate Bldg East conf. Room; Check in Booth E parking Lot www.arllax.org (ed. Note – Huntington Hospital is 100 W CALIFORNIA)

10/21/2017 Time: 8:30 AM (Walk-ins allowed) Sponsor: Downey ARC **VEC:** [ARRL/VEC](#) **Contact:** Steve J. Grudzinski (951) 674-4699 **Email:** sgrudzinski1@verizon.net **Location:** Fire Station #1 12222 Paramount Blvd (1/2 Mile N Of Imperial Hwy) Downey CA 90242-3537

10/21/2017 2017 12:00 PM (Walk-ins allowed) Sponsor: Pine Mountain ARC **VEC:** [ARRL/VEC](#) **Contact:** Irene M. Smith-Quick (661) 242-1345 **Email:** irenequick@gmail.com **Location:** Frazier Park Library 3732 Park Dr

10/22/2017 Time: 2:30 PM (No walk-ins) Sponsor: Goodkin Ham Radio Classes **VEC:** [Greater LA VEC](#) **Contact:** Norman M. Goodkin (818) 222-8793 **Email:** hamclass@goodkin.net **Location:** Agoura Hills/Calabasas Community Center 27040 Malibu Hills Rd Agoura Hills CA 91301-5332

10/27/2017 Time: 7:00 PM (Walk-ins allowed) Sponsor: WA6IRC Radio club **VEC:** [ARRL/VEC](#) **Contact:** Mark G. Moore (818) 842-1786 **Email:** n6mgm@outlook.com **Location:** Millie's rest 16840 Vanowen St Van Nuys CA 91406-4539

10/28/2017 Time: 10:00 AM (Walk-ins allowed) Sponsor: Crescent Bay VE Grp/W6TRW ARC **VEC:** [ARRL/VEC](#) **Contact:** Scott Swanson (310) 459-0337 **Email:** k6pyp@arri.net **Location:** Northrop Grumman 1 Space Park Blvd (Bldg S Cafeteria) Parking lot off Marine Blvd Redondo Beach CA 90278-1001

10/29/2017 Time: 7:30 AM (No walk-ins) Sponsor: Calabasas/LH Sheriff's Station **VEC:** [Greater LA VEC](#) **Contact:** Norman M. Goodkin (818) 222-7893 **Email:** hamclass@goodkin.net **Location:** Lost Hills Sheriff's Station (Assembly Room) 27050 Agoura Rd Agoura Hills CA 91301-5332

Trivia for August 2017

DID YOU KNOW?

1. Thomas Jefferson and James Madison both died on July 4 1826. 50 years after signing the Declaration of Independence?
2. Davey Crockett served 4 terms in congress and ran for president?
3. Americans eat more hot dogs and ice cream during the summer than the rest of the year?

de Dana kg6wx

Upcoming HamFests & Conventions

Southwestern Division Convention (HAMCON 2017)

Start Date: 09/15/2017 **End Date:** 09/17/2017 **Location:** Torrance Marriott Redondo Beach Hotel 3635 Fashion Way Torrance, CA 90501 **Sponsor:** Los Angeles Area Council of Amateur Radio Clubs **Type:** ARRL Convention **Talk-In:** 145.550 (PL 173.8) **Public Contact:** Diana Feinberg , AI6DF PO Box 4678 Palos Verdes Peninsula, CA 90274 Phone: 310-544-2917 **Email:** ai6df@arrl.net

HAMCON 2017 / The 2017 ARRL Southwestern Division Convention

"Ham Radio for Everyone"

September 15-17, 2017
Torrance Marriott Redondo Beach Hotel,
3635 Fashion Way
Torrance, CA 90503

"Ham Radio for Everyone" is our theme with much to see and do at HAMCON 2017:

- Full range of talks by experts on radio equipment, operating techniques, public service, DXing, technical subjects, and more
- 10,300 sq. ft. Vendor/Exhibitor Hall with 63 booth spaces
- Distinguished speakers at Saturday lunch, dinner, and Sunday breakfast
- Extensive prize drawings
- W1AW/6 Special Event station
- ARRL Forums
- Young Ham Forum
- Sunday Swap Meet
- Discounted hotel room rates (available through our Marriott link)
- Optional special tour of Battleship Iowa
- ...and much more.

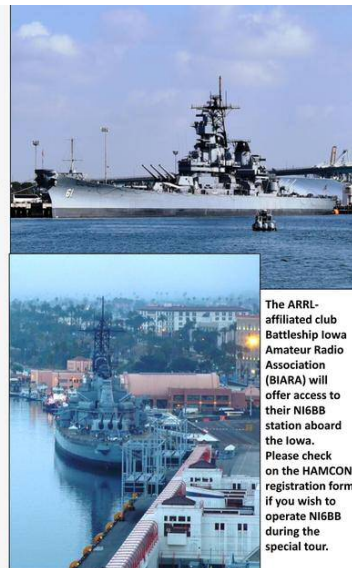
BATTLESHIP IOWA SPECIAL EVENT

A special visit to the Battleship Iowa at Los Angeles Harbor with buffet dinner in the Iowa's officers wardroom has been arranged for early-arriving HAMCON 2017 attendees on Friday afternoon, Sept. 15, 2017.

This all-inclusive \$50 per person package (limited to 80) covers discounted admission to board the Iowa, catered buffet dinner in the officers wardroom, and bus transportation between the Torrance Marriott Redondo Beach Hotel (leaving the hotel at 2:15 pm). Attendees will also be able to see the ship's radio room (not open to the general public) and operate the ship's N16BB amateur station.

Our bus transportation eliminates attendees having to pay for Los Angeles Harbor parking near the Iowa and provides a close-in drop-off point alongside the ship. Please note the Iowa is not ADA-compliant and accessing many areas requires using ladders.

One of just four battleships in its class, the USS Iowa served during World War II, the Korean War, and 1991 Persian Gulf operations. This historic ship also carried President Franklin D. Roosevelt to North Africa en-route to the 1943 Teheran Conference of allied leaders.



The ARRL-affiliated club Battleship Iowa Amateur Radio Association (BIARA) will offer access to their N16BB station aboard the Iowa. Please check on the HAMCON registration form if you wish to operate N16BB during the special tour.

San Diego Hamfest 2017

Start Date: 10/07/2017 **End Date:** 10/07/2017 **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

Arizona State Convention (Copa Fest 2017)

Start Date: 10/28/2017 **End Date:** 10/28/2017 **Location:** UltraStar Multi-Tainment Center @ Ak-Chin Circle 16000 North Maricopa Road Maricopa, AZ 85238 **Website:** <http://copahams.org> **Sponsor:** Maricopa Amateur Radio Association **Type:** ARRL Convention **Talk-In:** 447.725 (PL 100.0) **Public Contact:** Bob Howard , W8RH 35881 West Catalan Street Maricopa, AZ 85138 Phone: 520-709-6176 **Email:** w8rh@live.com

Oro Valley Amateur Radio Club Hamfest

Start Date: 11/11/2017 **End Date:** 11/11/2017 **Location:** Marana Middle School 11279 West Grier Road Marana, AZ 85653 **Website:** <http://orovalleyarchamfest.com> **Sponsor:** Oro Valley Amateur Radio Club **Type:** ARRL Hamfest **Talk-In:** 146.62, 444.1, 147.32 (PL 156.7) **Public Contact:** Steven Wood , W1SR 6219 North Via de la Tortola Tucson, AZ 85718 Phone: 520-906-1204 **Email:** W1SR@arrl.net

HARKFEST

Start Date: 11/18/2017 **End Date:** 11/18/2017 **Location:** North Ranch Escapees RV Park 30625 South Highway 89 Congress, AZ 85332 **Website:** <http://harkaz.org> **Sponsor:** Hassayampa Amateur Radio Klub **Type:** ARRL Hamfest **Talk-In:** 146.58 **Public Contact:** Duane Grooms , KD0KYK 30736 South Wandering Way Congress, AZ 85332 Phone: 602-814-9603 **Email:** djgrooms@yahoo.com

Superstition SuperFest 2017

Start Date: 12/02/2017 **End Date:** 12/02/2017 **Location:** Mesa Community College 1833 West Southern Avenue Mesa, AZ 85201 **Website:** <https://superstitionsuperfest.org> **Sponsor:** Superstition Amateur Radio Club **Type:** ARRL Hamfest **Talk-In:** 147.12, 162.2 (PL 100.0) **Public Contact:** Dale Schmidt , N7QJK 156 North Hawes Road, Space 74 Mesa, AZ 85207 Phone: 480-986-3352 **Email:** info@superstitionsuperfest.org



First look at HAMCON 2017 Tech Talks...

Microwave Antenna Measurements	Dan Slater, AG6HF
Secrets of End-Fed Long Wire Antennas	Bob Brehm, AK6R, Palomar Engineers
Effectively Dealing with RFI and EMI	Bob Brehm, AK6R, Palomar Engineers
Again, Again. Why do some modes work better?	Kristen McIntyre, K6WX, (ARRL Technical Coordinator, East Bay Section)
Maxwell's Equations in 45 Minutes	Kristen McIntyre, K6WX, (ARRL Technical Coordinator, East Bay Section)
New Designs for Vertical HF Antennas	Tom Schiller, N6BT
Using Your Smartphone for Amateur Radio	Bernard Falkin, KG6FBM
ARRL Forum	Dick Norton, N6AA, ARRL Southwestern Division Director
New HF Amplifier Design	Eric Swartz, WA6HHQ, Elecraft
Locating and identifying RFI/EMI Sources in Southern California	Chris Parker, AF6PX (ARRL Los Angeles Section Technical Specialist)
Youth Forum	Randy Comeau, W6BC
Summits on the Air (SOTA)	Don Minkoff, NK6A
The "new" Dayton Hamvention—Western Hemisphere's largest ham radio convention	Diana Feinberg, AI6DF (Sunday morning)
The Amateur Radio Emergency Data Network (AREDN) Project: the latest in Mesh Networking	Andre Hansen, K6AH
How to Solder (or, "So You Thought You Knew How to Solder")	Allen Wolff, KC7O
Multi-Mode Digital Voice Modem Host Software and Hardware	Jim McLaughlin, KI6ZUM, and Michael Rickey, AF6FB

More HAMCON 2017 Tech Talks...with additional ones to come

Understanding ARRL Product Reviews and What All Those Numbers Mean	Bob Allison, WB1GCM, ARRL Assistant Lab Manager
3D Printing for Amateur Radio	Allen Wolff, KC7O
For Newer Hams: You Just Got Your License, Where Do You Go Next in Amateur Radio	Gordon West, WB6NOA
Future Directions for Government-Affiliated Disaster Amateur Radio in Los Angeles County	(Panel TBA)
Future Directions for Government-Affiliated Disaster Amateur Radio in Orange, San Bernardino, Riverside Counties	(Panel TBA)
ARES in the ARRL Southwestern Division	(Panel, TBA)
The New Lithium Iron Phosphate Battery Technology	Kevin Zanjani, Bioenno Power
Hidden Transmitter Hunting	Joe Moell, K0OV
Orange County Amateur Radio Hospital Communication System	April Moell, WA6OPS
Contest Forum	Dick Norton, N6AA, ARRL Southwestern Division Director and President, Southern California Contest Club
The Largest Ham Radio Antenna in the World—and it's operating in Arizona	Ned Stearns, AA7A, ARRL Southwestern Division Vice Director
<p>Note: Some Tech Talks will be given twice at HAMCON 2017 to enable more attendees to hear the presentations.</p>	

K6MEP Net Script

“Is this frequency in use, or is there any emergency or priority traffic?”

“Hearing none , the following is a Q-S-T.”

“This is _____, net control station for the Ventura County Amateur Radio Club Net.”

“This is a directed, open net for all radio amateurs, sponsored by K6MEP, the Ventura County Amateur Radio Club. This net begins each Monday evening at Eight Thirty P-M local time, first on Two—Eight—Decimal—Four—Zero—Zero megahertz, and then will Q-S-Y to One—Four—Six—Decimal—Nine—Seven—Zero megahertz.

All amateurs are welcome to check in. A roundtable will follow roll call. A ragchew session may follow the formal net.”

“K6MEP, the Ventura County Amateur Radio Club, meets at Seven Thirty P-M on the Second Friday of each month at the Ventura County Port Authority 1603 Anchors Way Ventura, CA 93001.”

“The next meeting date is _____” (From the newsletter calendar section).

“A roll-call of club members will be followed by a request for late, missed and visitor check-ins.”

(Roll Call) ***** “Any late, missed, or visitor check-ins? Please call K6MEP”

(Roundtable) ***** “Any last comments?”

Ten Meter Closing: — “Control is now transferred to One—Four—Six Decimal—Nine—Seven—Zero megahertz. All net members are invited to Q-S-Y. This is _____.”

Two Meter Closing: — “Good evening to you all, this net is closed at _____. (Time) We would like to thank WB6YQN for the use of the repeater for our net”

“73, This is _____.”

K6MEP CALENDAR

August 2017

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

19-20: Wings over Camarillo Airshow -- ARES Support – contact Ted W6TEL ausprecher@gmail.com

September 2017

4: Labor Day

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

15-17: ARRL SW Div Convention in Torrance

30: Share the Road Bike Ride -- ARES Support – contact Steve KE6WEZ ke6wez@gmail.com

October 2017

13: Regular Monthly Club Meeting at 7:30pm. K6MEP Board meeting precedes the club meeting at 7:00pm Annual Dues are Due

22: Ventura Marathon -- ARES Support – contact Stewart KG6BOV kg6bov@arrl.net or Rob W6RH w6rh@arrl.net

31: Halloween – Watch out for roaming Goblins and SuperHeros

***To join Ventura Amateur Radio Club, Inc.
send form, along with \$20.00 annual dues to P.O. Box 2103, Oxnard CA 93034-2103***

Pro Rate Dues as follows: Oct thru Dec = \$20.00, Jan thru Mar = \$15.00, Apr thru June = \$10.00, July thru Sept = \$5.00

Name _____ Call _____ E-mail _____

Street _____ City _____ State _____ ZIP _____

Date _____ New Member _____ Renewing _____ ARRL? yes ___ no ___ Telephone _____

Below line for club staff processing only.

Treasurer _____ Secretary _____ Membership Chairman _____ Roster entry _____

Membership certificate _____ New member letter _____

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.

Scheduled Red Cross Classes

For training class registration, call: 805-987-1514 Ext 320. Please try to register for classes a week before the class is being offered

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

K6MEP Keyer – The Journal of the Ventura County Amateur Radio Club

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-20.16 **Diversity Awareness Course 2016** - (2/8/2016)
- IS-21.16 **Civil Rights and FEMA Disaster Assistance** - (1/4/2016)
- 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-35.16 **FEMA Safety Orientation 2016** - (1/4/2016)
- 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-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-700.a **National Incident Management System (NIMS) An Introduction** - (10/31/2013)
- IS-775 **EOC Management and Operations** - (8/6/2008)
- IS-800.b **National Response Framework, An Introduction** - (10/31/2013)
- IS-815 **ABCs of Temporary Emergency Power** - (12/27/2016)
- 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)

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 SMRA ERN South 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 / 447.580 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 – K6ERN 147.765 Mhz (-) PL 127.3 Olivas Park / SMRA

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 145.420 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@arrl.net

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

Area 3 Camarillo, Somis EC: Ted Lansing KI6PTX Email: ki6ptx@arrl.net

Area 4 Oxnard, Hueneme, Mugu EC: Stewart Stone, KG6BOV Email: kg6bov@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 2011, 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.

The course is offered online using the Moodle learning platform. The *Introduction to Emergency Communication* course has six sections with 29 lesson topics and a 35 question final assessment. Participants should plan on completing the course in approximately 45 hours over a nine week period. This is a mentored course, in which you may work according to your own schedule. Cost is \$50 for ARRL members and \$85 for non-members.

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.

The new Ventura County ACS Trailer at SkyWarn Operations, NWS Oxnard, 7 Dec 2014



**Local Area Radio Nets
Weekly Nets**

Monday

- Cuckoo Net 146.790 Mhz (-) / 131.8 Hz PL** every weekday morning from 7:00 AM to about 8:20 AM
- California Rescue ARES Net 7.25 Mhz** MTWThF 8:30 AM
- K6MEP / VCARC Club Net -- 8:30 PM 28.400 Mhz USB / 146.970 Mhz (-) / 127.3 PL (WB6YQN repeater)**
- Santa Barbara South County ARES net 7:30 p.m. on 146.79 Mhz (-) PL 131.8.**
- 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**
- LA DCS-22 Net -- 1930 Hrs. - K6DCS - 147.225 MHz (+) then on 7.235± MHz LSB**
- Southern California ACS NET MONDAY AT 2000 HOURS LOCAL TIME ON 3992, 3960 KHz LSB**

Tuesday

- Cuckoo Net 146.790 Mhz (-) / 131.8 Hz PL** every weekday morning from 7:00 AM to about 8:20 AM
- California Rescue ARES Net 7.250 Mhz** MTWThF 8:30 AM
- 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**
- Ventura County ARES-ACS 6 Meter Net --** between 6:00 PM to 7:00 PM K6SMR **52.980 Mhz (-) PL 82.5** SMRA Red Mt
- Ventura County ARES-ACS HF Net --** between 6:30 PM to 7:00 PM 40M on **7.235 Mhz LSB +/-** ;
- West SB ARES HF Net (1st Tuesday, Monthly) 3822 KHz LSB** 2030 / 8:30 PM
- 2000 **6-Meter Roundtable - 50.125 Mhz USB** First Tuesday of each month.
- 2030 **ATV Net 146.790 Mhz (-) / 131.8 Hz PL K6TZ** repeater

Wednesday --

- Cuckoo Net 146.790 Mhz (-) / 131.8 Hz PL** every weekday morning from 7:00 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** every weekday morning from 7:00 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** every weekday morning from 7:00 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

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

Meeting Minutes (Cont fm pg 2)

EXECUTIVE BOARD MEETING MINUTES

MEETING ADDRESS : Ventura Port District meeting room 1603 Anchors Way, Ventura

OFFICER ATTENDEES

CALL TO ORDER

Joe calls brief meeting

MEETING MINUTES

Joe had asked for any board issues

Secretary report: Bob Kd6uda reports no issues, just one more member so count is now 37.

Call to approve the minutes, approved by unanimous show of hands.

Treasurers report on bank balances

OLD BUSINESS

Contests, no reports on contests.

NEW BUSINESS

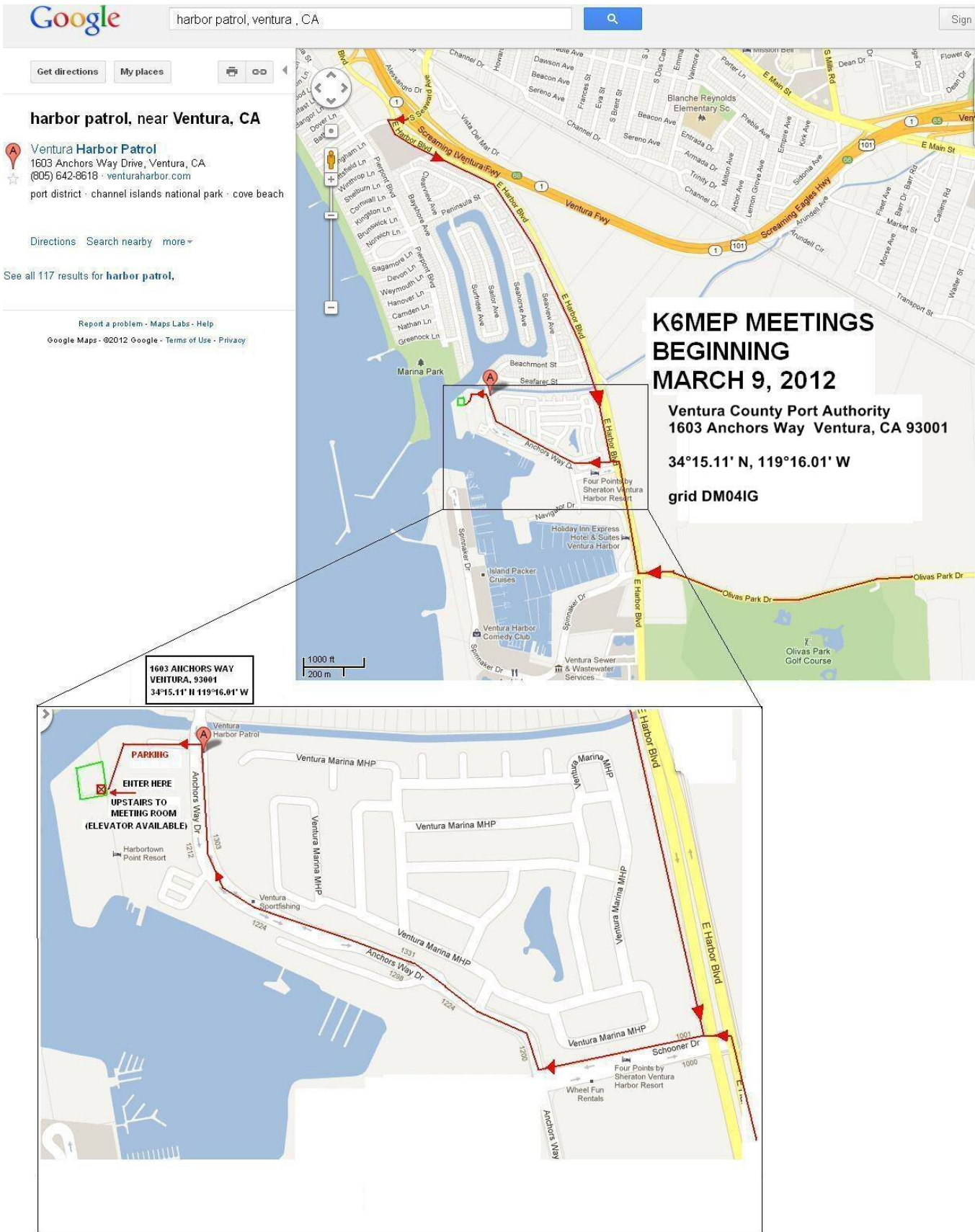
No now new business.

COMMENTS

ADJOURN

Board meeting adjourned and proceed to General meeting.

K6MEP Keyer – The Journal of the Ventura County Amateur Radio Club



Amateur Radio Parity Act is Introduced in US Senate

07/13/2017

The [Amateur Radio Parity Act](#) of 2017 was introduced in the US Senate on July 12, marking another step forward for this landmark legislation. Senators Roger Wicker (R-MS) and Richard Blumenthal (D-CT) are the Senate sponsors. The measure will, for the first time, guarantee all radio amateurs living in deed-restricted communities governed by a homeowner's association (HOA) or subject to any private land use regulations, the right to erect and maintain effective outdoor antennas at their homes. The Senate bill, S. 1534, is identical to H.R. 555, which passed the US House of Representatives in January.

"Amateur Radio continues to be a critical part of our emergency communications operations," Wicker said. "Mississippians learned firsthand after Hurricane Katrina how Amateur Radio operators can provide a resilient, distributed network to first responders and disaster relief organizations when other communications tools fail."

"Amateur Radio operators provide an invaluable service to their communities by assisting local emergency communication efforts when disasters occur and main lines are down," Blumenthal said. "This bipartisan measure ensures that operators have access to the tools they need to support our first responders when lives are at stake."

FCC Chairman Ajit Pai applauded the bill in late January, saying that it would "help Amateur Radio operators, and take several steps to promote public safety."

ARRL President Rick Roderick, K5UR, expressed the League's appreciation to the Senate sponsors. "ARRL is grateful for the support of Senators Wicker and Blumenthal for sponsoring this important piece of legislation, and for advocating this bill for the past 3 years," he said. "Their continuing support is critical to the success of our efforts." President Roderick also thanked Senator John Thune (R-SD), who chairs the Senate Commerce Committee, for "championing the Parity Act in the Senate since the beginning of our effort."

The bill has enjoyed widespread, bipartisan support. In the 114th Congress, nearly 130 cosponsors signed onto the legislation in the House and the Senate. The legislation, which strikes a carefully crafted balance for all concerned parties, is the result of months of work culminating in the accord reached by ARRL and the Community Associations Institute (CAI). The measure provides for the guarantee of an effective outdoor antenna while protecting the aesthetic concerns of HOAs.

In a statement, ARRL said it looks forward to working with the bipartisan leadership of the Senate and the Commerce Committee to help move the Wicker-Blumenthal legislation through the Senate and to the President's desk.



Revised FCC Form 605 Will Ask Applicants “the Felony Question”

07/19/2017

A revised FCC Form 605 — *Quick-Form Application for Authorization in the Ship, Aircraft, Amateur, Restricted and Commercial Operator, and General Mobile Radio Services* — going into effect in September will ask all applicants to indicate if they have been convicted of or pled guilty to a felony. The Communications Act obliges the Commission to ask “the felony question,” as it did on the old Form 610 and still does on other applications. This action will correct its omission on Form 605, which has existed for years. Applicants’ responses and explanations will be used to determine eligibility to be a Commission licensee. The FCC told ARRL that it’s still deciding whether to issue a public notice on the change.

“The Commission is revising the basic qualifications section of the form to include a question regarding whether an application has been convicted of a felony in any state or federal court,” the Office of the FCC Secretary explained in a May filing with the Office of Management and Budget (OMB), which must okay the revision. “Applicants answering YES must provide an explanation regarding the conviction. This item enables the FCC to determine whether an applicant is eligible under sections 310(d) and 308(b) of the Communications Act of 1934, as amended, to hold or have ownership interest in a station license.”

The revision also will apply to NCVET Form 605 — the *unofficial* Amateur Radio-specific version of the application that is completed and filed at volunteer examiner coordinator (VEC) examination sessions. VECs will have to start using the revised form on September 7. Responding to VECs’ questions, the FCC offered some guidance, with a particular focus on NCVET Form 605.



K6MEP Keyer August 2017

k6mep@qsl.net / www.qsl.net/k6mep

<https://groups.yahoo.com/neo/groups/K6MEP/info>

ARRL VEC Manager and NCVEC Vice-Chair Maria Somma, AB1FM, thanked the FCC for honoring a request to amend the effective date of the change, initially in early August. “At the urging of the NCVEC leadership, the FCC took into consideration the undertaking to change and distribute all affected forms and update software and agreed to push back the execution date by 1 month,” she said. The NCVEC will create a revised NCVEC Form 605 and release it to VE teams before September 7.

Once the Form 605 update has been implemented, assuming all other information is correct, negative felony question responses will result in a license grant, the FCC said. A YES will place the application in the “pending file for review” category. Applicants answering YES would have to, within 14 days, provide the FCC with a statement explaining the circumstances, and a statement “giving the reasons why the applicant believes that grant of the application would be in the public interest, notwithstanding the actual or alleged misconduct,” the revised Form 605 instructions state. The FCC said an applicant’s answer to the felony question and explanation will be public via ULS, unless a separate request is made to the FCC that the applicant’s explanation be kept confidential. The FCC will review applications on which the felony question has been answered in the affirmative and decide whether to grant them or designate them for hearing.

“The applicant must provide sufficient information for the FCC to determine whether there exists any material and substantial question of fact regarding whether the applicant has the character qualifications to be a Commission licensee,” the FCC said. There is no set checklist of items, but useful information would include such information as details regarding the conduct that resulted in the conviction or guilty plea, including time and place; the date of the conviction or guilty plea; the penalty imposed and whether it has been satisfied, and “any efforts taken to remedy the wrongs committed and ensure that the applicant will not engage in such conduct in the future,” the FCC said.

The FCC said the only additional information that VECs will have to collect is the response to the felony question; any explanatory exhibits and confidentiality petitions will go directly to the FCC, and VECs will have no information as to the status of such applications.

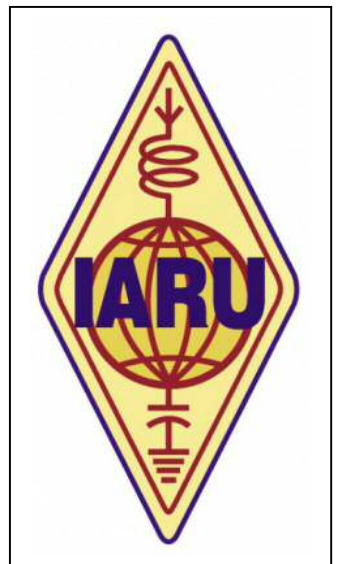
The FCC said the felony question must be answered every time — even if previously answered — for New, Modification, Renewal/Modification, and Amendment applications. “Assuming that nothing has changed, the attachment to the subsequent applications can simply reference the file number of the application where the complete explanation was given, rather than having to set forth the complete explanation each time,” the FCC memo said. “Clubs are not exempt from the felony question. The question applies to the club as an entity and to the trustee, but not to any other individual officers.”

Individuals convicted of a felony and later pardoned or whose record has been sealed should answer YES, and include information regarding the pardon, “as that will be relevant to whether the conviction still presents any material and substantial question of fact regarding whether the applicant has the character qualifications to be a Commission licensee,” the FCC told VECs. “An overturned conviction need not be disclosed — but a conviction still on appeal must be disclosed.”

IARU Region 1 President Expresses Concern Regarding Spectrum Challenges in Europe

07/18/2017

International Amateur Radio Union Region 1 ([IARU R1](#)) President Don Beattie, G3BJ, [told](#) an audience at Ham Radio 2017 (Friedrichshafen) that he is “deeply concerned about our ability to maintain a usable radio spectrum in some parts of suburban Europe.” Beattie said that Amateur Radio spectrum allocations are of little value if they are “made unusable by the presence of multiple sources of interference — be it electrical interference or intruders in the amateur bands.” Beattie said the IARU “is deeply involved in the work of the international standards organizations, arguing for common sense in the setting of emission standards for electrical and electronic devices.” He cited solar photovoltaic arrays, wind generators, digital devices, VDSL+ and wireless power transfer technology as areas of current concern. “Some would say that even with the work we are involved in on standards, much of the radio spectrum is becoming unusable in the suburban environment,” Beattie said, “and I have sympathy with this view.” — *Thanks to Southgate Amateur Radio News*



ARRL Contest Rule Changes, Clarifications Reflect “Best Practices” in Radiosport



07/26/2017

Just ahead of the 2017-2018 contest season, ARRL has announced [rule changes and clarifications](#) to League-sponsored contests. These include an improved process for submitting logs and reporting scores. Unless otherwise noted, these changes become effective starting with the September VHF Contest.

“These changes reflect current ‘best practices’ in the contest community and help us improve the quality of the competition and reporting of results,” ARRL Contest Branch Manager Bart Jahnke, W9JJ, said. “For example, getting the log data into log checking more quickly will allow us to post preliminary results online for nearly all contests.”

Log Submission

Log submission in the “General Rules for All Contests” has been simplified and revised. Individual contest rules will no longer include a log-submission section (with exceptions noted in the contest’s overview section). Here are the most important points.

Online log submission: Except for the EME and 10 GHz and Up contests, electronic logs should be submitted through the [web app](#). E-mail log-handling “robots” will continue to operate until they can no longer properly handle the logs without revision. They will then be deactivated and submitters redirected to the web app.

Log submission deadline: Effective immediately, except for the 222 MHz and Up Distance Contest (2 weeks) and the EME and 10 GHz and Up Contests (30 days), the log submission deadline for ARRL HF contests will be 5 days from the end of the contest (this includes the IARU HF Championship). For ARRL VHF contests, the log submission deadline will be 10 days from the end of the contest. To accommodate any issues, an extension may be requested, explaining the necessity to the ARRL Contest Branch Manager any time before the submission deadline.

Logged frequency: HF contest entries competing for awards as category leaders are encouraged to specify frequency with a 1-kHz resolution. This is standard practice for other top contests, and it assists with log checking.

Public logs: The log used for log checking will be posted online for public inspection.

Paper logs: These will continue to be accepted, but are only eligible for awards at the discretion of the Contest Branch Manager.

Log withdrawal: Logs may be withdrawn up to 10 days following the log submission deadline.

Club Competition

The new toolset for clubs to comply with the Club Competition rules ([Section 8 of the General Rules for All ARRL Contests](#)) has been very well received.

Clubs must submit up-to-date eligibility lists before the contest to be included in the results. Only scores from members in a valid eligibility list will be counted toward the club score total. Members must reside and operate in the specified club territory (club circle or section) to contribute scores to a club total. Calculation of club scores will now be based exclusively on this information. No further waivers of eligibility rules will be granted. For more information and tools for submitting your club’s eligibility list, visit the [Contest Club Competition — Club Eligibility Changes](#) page.

Log-Checking Penalties

Penalties for “zero-point” contacts, such as US-to-US contacts in ARRL DX, will not be assessed during log checking. Operators may continue to log and submit zero-point contacts. Submitting these contacts helps to ensure that full credit is given and that log checking is as complete as possible.

Remote Entries

Acting as the control operator for a [remotely controlled station](#) in the US or its possessions requires that the operator hold a US license and have sufficient privileges for all operation. CEPT/IARP reciprocal operating authority does *not* include remote control of a US station. If another operator acts as the on-site control operator, the entry must be in a multioperator category. The location for the entry will be the location of the station, regardless of where the operator is during the contest.

Operating Rules

Multiple in-band CQing: Recognizing that amateur bands are generally full during contests, maintaining two or more frequencies to solicit contacts (i.e., “run”) on the same band and mode is prohibited. (The IARU HF Championship and the ARRL 10 Meter Contest prohibit this practice regardless of mode.)

Call sign and ARRL November Sweepstakes exchange: The station’s call sign must be sent as part of the exchange, i.e. “W1AW, number 123, Alpha, W9JJ, 79, Connecticut.”

US operators in Canada: The reciprocal operating treaty between the US and Canada requires that the call sign be sent with the Canadian prefix following the call sign, i.e. “W9JJ/VE1,” not “VE1/W9JJ.”

Single Operator, FM Only: Cabrillo QSO lines must specify FM as the mode for all FM contacts.

For more information, [contact](#) the Contest Branch Manager.

CQ Announces Rule Changes for 2017 CQ World Wide SSB and CW Events



07/24/2017

CQ [has announced](#) updates to its rules for the CQ World Wide SSB and CW contests, effective this fall, and said complete rules will be published soon. The changes clarify the definition of multioperator, single transmitter (MS); spell out club definitions and residency requirements; restrict ITU Region 1 stations transmitting frequencies on 40 and 160 meters; address audio recording requirements, and impose greater penalties for so-called “rubber clocking.”

1. Multi-Single Definition

The word “transmitter” has been revised to “station/signal,” with reference made to the FAQ section. CQ said this change “further clarifies the definition of MS, as already provided in the FAQs.

2. Club Definitions

US Clubs: Participation is limited to club members residing within a 250-mile radius of the club area’s center.

DX Clubs: Participation is limited to club members residing *either* within the DXCC entity where the club is located *or* within a 400-kilometer radius of the club area’s center.

The word “reside” shall be defined as: To dwell permanently or continuously or to occupy a place as a person’s fixed, permanent, and principal home for legal purposes.

3. General Rules for All Entrants

Stations in ITU Region 1 may not transmit above 7,200 kHz on 40 meters during the phone contest weekend, and they may not transmit below 1,810 kHz during contest weekends.

4. Audio Recordings

The updated rule expands the scope from “top 3” to “top 5” and expands the time frame for such requests from 90 days to 120 days. The Classic overlay is now specifically *included* in the “top 5” definition. The updated rules specify that recordings must be continuous, and that “recordings of individual QSOs” alone is not acceptable.

The rules also elaborate and expand upon the category options to which a log can be reclassified, if no recording is provided, and add a new category, Administrative Check Log.

CQ said the top 3 was expanded to top 5 because, “in some cases, a top 3 entrant could be ‘knocked out’ after review. This reasoning also was behind the change to 120 days to request a recording. CQ also said that specifically including the Classic overlay under the recording requirement “closes a perceived gap in the rules as they were written.”

CQ said the Contest Committee will not request a recording simply because an entrant is in the top 5. “*The committee will request a recording when something suspicious or curious in the log is identified by the committee,*” CQ said, *adding that operators not stretching or breaking the rules are unlikely to be asked to provide a recording.*

5. Log Checking

K6MEP Keyer August 2017

k6mep@qsl.net / www.qsl.net/k6mep
<https://groups.yahoo.com/neo/groups/K6MEP/info>

K6MEP Keyer – The Journal of the Ventura County Amateur Radio Club

The penalty for a call sign copying error (busted/bad call or NIL) has been returned from 2:1 to 3:1. The penalty for altering a contact time for multiple operator, two transmitter (M2) and multioperator, single transmitter (MS) entries has been bumped up from removing the contact to 10× for QSO points *and* multipliers.

CQ said the Contest Committee leadership felt that the 3:1 penalty provided more incentive to copy call signs correctly. MS and M2 entrants have strict time requirements, and it is possible to alter the time of an individual contact is logged, so that the contact no longer results in a band-change violation. “In the past, some entrants would have a ‘small number’ of such events, also known as ‘rubber-clocking,’” CQ said. CQ said the 10× penalty for rubber clocking provides “a strong incentive” for entrants not to falsify logs.

“The idea is to make the penalty for altering logged times so intolerable that entrants will not be tempted to try,” CQ said. Excessive rubber-clocking could result in disqualification of the entry and for all operators at that station. CQ noted that band-change violations that do not involve altering actual contact times would not be affected by the new 10× rule.

The SSB weekend is October 29-30. The CW weekend is November 26-27.

Motorola Files Additional Patent Infringement Complaints against Hytera

07/25/2017

Motorola Solutions this week ratcheted up its legal battle with competitor Hytera, filing new patent infringement [complaints](#) in Germany against both Hytera Communications Corporation Ltd of Shenzhen, China, and Hytera Mobilfunk of Bad Műnder, Germany. The latest legal actions, announced on June 24, are in addition to Motorola’s previously filed patent infringement complaints in Germany.

“With these additional patent infringement actions in Germany, Motorola Solutions now has five pending [patent infringement] litigations against Hytera,” Motorola said in a news release. These include complaints filed with the US International Trade Commission and separate patent infringement and trade secret misappropriation complaints filed last March in the US District Court for the Northern District of Illinois.

The complaints filed this week in Germany assert that Hytera’s two-way wireless communication devices with improved squelch functionality infringe on a Motorola Solutions patent. Motorola says the focus of the new cases differs from earlier cases and represents the second patent covering acoustic performance of two-way radio devices.

Already known for its Land Mobile Radio Service products, Hytera entered the Amateur Radio digital mobile radio (DMR) market last year.

In its latest suit, Motorola is seeking seeks an injunction preventing Hytera from offering and delivering products with the acoustic squelch feature in Germany, as well as the recall and destruction of infringing products and various unspecified damages.

Last March Motorola alleged in its US District Court complaint that proprietary and patented information was taken illegally by three former company engineers who now work for Hytera, and that this was done as “part of a deliberate scheme to steal and copy” Motorola’s technology. Motorola contended that its digital radio products were rendering Hytera’s analog systems obsolete, and rather than develop its own digital products, Hytera stole Motorola’s ideas. Motorola said technology features it developed started showing up in Hytera products soon after Hytera began hiring engineers who had left Motorola in 2008, according to the earlier lawsuit.

Hytera offered no immediate comment on the latest court actions by Motorola.

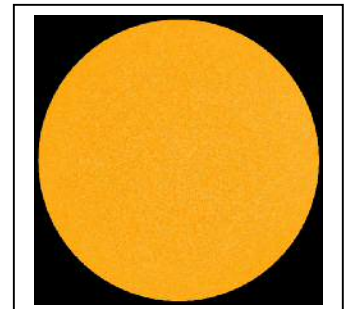
Many Special Events Will Be on the Air to Mark the Total Solar Eclipse in August

07/21/2017

Radio amateurs from several states will gather in southern Illinois on August 17-21 to operate special event station [W9E](#), leading up to and during the 2017 solar eclipse on August 21. W9E will operate from Marion, Illinois.

“This will be the first total eclipse on American soil since 1991, the first on the mainland United States since 1979 and the first to sweep across the entire country since 1918. It will be an event you do not want to miss!” the W9E announcement said. “The far southern tip of the state of Illinois is the only place viewers can see the totality of the eclipse.”

W9E plans to operate on 80, 40, and 20 meters (and perhaps other bands, if conditions permit), on CW, SSB, and digital modes (JT65, JT9, and PSK31). All amateur



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<https://groups.yahoo.com/neo/groups/K6MEP/info>

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operators visiting the area for the eclipse are invited to visit. A copy of your license and photo ID are required to operate. Amateur Radio license testing also will be offered during the event.

While the W9E special event is under way, organizers are planning a joint exercise with ARES® Illinois District 11 Emergency Coordinator W. Bruce Talley, WA9APQ, hoping not only to assist with local communication during the eclipse but to coordinate with other ARES groups as the eclipse travels from northwest to southeast.

“Our plan is to be proactive and ready to respond, as needed,” said Talley. “Local volunteers and those from outside the area are welcome to [sign up on the database](#). We are especially interested if you are coming to the area to view the eclipse and know where you will be stationed.”

Solar Eclipse QSO Party

The Solar Eclipse QSO Party ([SEQP](#)), sponsored by [HamSCI](#), will take place on August 21, 1400 to 2200 UTC. As the QST article “[The Solar Eclipse QSO Party – Are You Ready?](#)” explains, “The objective...is to flood the airwaves with contacts, all measured by the automated receiver networks of the Reverse Beacon Network, PSKReporter, and WSPRNet. When those observations are combined with the logs from individual stations, the result will be one of the largest ionospheric experiments ever performed.”

Other Total Eclipse Special Events

The South Dakota’s Black Hills Amateur Radio Club in South Dakota plans to operate [special event K0E](#) on the day of the eclipse, August 21, 1500-1930 UTC, from Harrison, Nebraska. Operation will be on 20 meters (14.260-14.280 MHz) and on VHF and UHF. [Contact](#) Bob Ewing, W0RE, for more information.

The Near Zero Sunlite, Great American Eclipse N0S special event will take place August 20-22, 1400-2200 UTC, in Crystal City, Missouri, sponsored by the [Jefferson County Amateur Radio Club](#). Operation will be on or about 3.850, 7.250, and 14.300 MHz. QSL with SASE to Jim Berger, WA0FQK, 131 Ozark Dr, Crystal City, MO 63019.

K7E will be on the air for the Great American Total Solar Eclipse 2017 special event, August 21-22, 1500-0300 UTC, from Laramie, Wyoming, near the path of totality, on or about 7.183 and 14.256 MHz. QSL [Perry Lehman](#), N7FST, 19828 N. 78th Ln, Glendale, AZ 85308.

The North East Wyoming Amateur Radio Association ([NEWARA](#)) will field special event W7S from historic downtown Gillette, Wyoming, August 19-21, 1200-0600 UTC, on or about 3.945, 7.265, and 14.265 MHz as well as on 147.360 MHz. QSL to [Garth Crowe](#), WY7GC, PO Box 2208, Gillette, WY 82717.

The Lincoln County Amateur Radio Club ([LCARC](#)) will operate special event N7E, August 20-22, 1600-1900 UTC, from Newport, Oregon, on or about 3.820, 7.200, 14.245, and 28.350 MHz. Contact [Michael Eastman](#), N7ONP.

Total Solar Eclipse special event N9E will be on the air on August 21, 1400-2000 UTC, from Hopkinsville, Kentucky, 7.180-7.190 MHz. Contact [Peter Herman](#), KD9VV.

The Lewis and Clark Radio Club ([LCRC](#)) will operate special event K9HAM from Godfrey, Illinois, on August 21, 0900-1700 UTC, on or about 7.225 and 14.280 MHz. [Contact](#) the LCRC for more information.

In North Carolina, the Greater Gaston Amateur Radio Society ([GGARS](#)), will be on the air as N4S from Lexington, South Carolina, on August 21, 0000-1900 UTC, on or about 7.180 and 3.895 MHz. QSL to [Robert Wells](#), W7CSA, QSL. Robert Wells, 409 Elizabeth St, Gastonia, NC 28054.

The Southern Illinois University Amateur Radio Club ([SIUARC](#)) will sponsor W9S, August 18-22, 0000-2359 UTC, from Carbondale, Illinois, CW on 160 meters and all modes on 80 through 10, with a focus on the lower bands. Satellites and 6 meters are also possible. QSL to Martin A Schuette, N9EAT, PO Box 29, Fulton, IL 61252.

Ole Virginia Hams Amateur Radio Club ([OVHARC](#)) will sponsor W4E from Lexington, South Carolina, on August 21, 1500-2015 UTC, on or about 3.810, 7.230, and 14.263 MHz and 146.52 MHz FM simplex. QSL to [Terry Erlacher](#), KC4DV, 10855 Felicia Ct, Manassas, VA 20110.

N4C will be on the air from Franklin, North Carolina, August 13-26, 0401-0359 UTC, with members of the Franklin Amateur Radio Club ([K2BHQ](#)) operating on or about 7.076, 7.180, 14.076, and 14.230 MHz. A certificate and QSL is available. Franklin ARC, 505 North Sugar Creek Dr, Franklin, NC 28734. The special eclipse US postage stamp will be included.

The AA0RC Solar Eclipse Party will take place August 20-21, 1200-1600 UTC, from Mexico, Missouri, sponsored by Audrain Emergency Communications Inc ([AECIMO](#)). Operation will be on 3.970, 3.980,

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7.265, and 14.240 MHz. A certificate is available. Mike Wood, WB0IXS, 22374 Audrain Rd 320, Mexico, MO 65265.

The W9J “Historic Route 66 and Solar Eclipse Special Event” will take place from August 20 until August 24, sponsored by Jim Georgias, W9JUG, and Marie Getty Stan, KD9CAE. The event will operate from a state park on US Route 66 near Eureka, Missouri, on the day of the eclipse. Operation will be on or about 7.240 and 14.250 MHz. Operation will be portable and mobile. QSL via eqsl.cc and LoTW.

[Contact](#) W9JUG to request a certificate.

This is not a comprehensive list. Search the [ARRL Special Events Calendar](#) for additional total eclipse special event operations.



Editor's Note – Extrapolating from the coverage map looks like LA / Ventura County / Santa Barbara County at approx. 60-65% shadow for the eclipse. Hopefully we will not have a marine layer to block the view.

-- de KG6BOV