



The Ventura County Amateur Radio Club, K6MEP will hold its next regular meeting at 7:30 PM on Friday the 13th of June 2014 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 16). Board Meeting precedes the General Meeting. We will be finishing our plans for ARRL Field Day over 28-29 June at Ventura Harbor

2014 ARRL Field Day Rules starting on pg 20



K6MEP KEYER -- The VCAARC Journal

First Class Mail

HAM RADIO:
*It works when nothing
 else does!*

Ventura County Amateur Radio Club 2013 Officers and Chairs

| | | | |
|-------------------|--|--------|----------------|
| President | Joe Krigbaum | K6NE | (805) 642-2337 |
| Vice-President | John Castorina | WB6AZP | |
| Secretary | Rob Byl | KD6UDA | |
| Treasurer | Jose Vasquez | N6VUY | (805) 651-9899 |
| Board Member | Stewart Stone | KG6BOV | (805) 488-7388 |
| Board Member | Rod Austin | KA6GSU | (805) 983-7141 |
| Board Member | Mark Ortega | KI6YLH | |
| Photographer | Stewart Stone | KG6BOV | (805) 488-7388 |
| Facilities Mgr. | Joe Krigbaum | K6NE | (805) 642-2337 |
| Refreshments | | | |
| ARRL Liaison | Chris Dimond | KJ6QOP | |
| Editor/ Publisher | Stewart Stone | KG6BOV | (805) 488-7388 |
| Prize Chairman | VACANT - An Opportunity to serve your club | | |
| PR chairman | Dana Wentling | KG6WXE | |
| Awards Mgr. | VACANT - An Opportunity to serve your club | | |
| Programs Chair | Stewart Stone | KG6BOV | (805) 488-7388 |
| Webmaster | Joe Krigbaum | K6NE | (805) 642-2337 |
| New Members | VACANT - An Opportunity to serve your club | | |
| QSL Manager | Jose Vasquez | N6VUY | |
| License trustee | Joe Krigbaum | K6NE | (805) 642-2337 |
| Historian | VACANT - An Opportunity to serve your club | | |
| Elmer Coordinator | VACANT - An Opportunity to serve your club | | |

The Inside Story

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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 p.m 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,

With Field Day 2014 nearly upon us, I'm happy to report that

- a) we have 40 meters covered by Hovan KI6BQL,
- b) the N3FJP logging software has been acquired for the use of all K6MEP members,
- c) group photography will be at 10 AM on Saturday, and
- d) the portable toilet (with sink) has been ordered for our use beginning Friday afternoon, 6/27.

I will make several copies of the N3FJP logging software to distribute at the meeting. Band Captains are strongly urged to become familiar with the logging software before Field Day so we can get started right away on Saturday at 11 AM.

At this point it looks like Field layout of stations and resources will be similar to last year, and I'll get a layout map put together to talk about at the meeting.

See you all at the Friday meeting, 6/13 !

Joe Krigbaum K6NE
President, VCARC

Secretary's Column and Meeting Minutes

Ventura County Amateur Radio Club Inc. Club Meeting
Meeting Date : 9 May 2014

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 22= 5

ANNOUNCEMENTS

MEETING MINUTES

Open meeting with Pledge of Allegiance
Introductions.

Call for approval of minutes. Quorum to approve the minutes .

FINANCIAL REVIEW

Treasurer is absent , Pres reports on bank account and ledger balances

(cont pg 15)

Selected June 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.

- 05/25/2014 | Relay For Life Miller County Missouri May 25-Jun 5, 0000Z-2300Z, W4L**, Lake Ozark, MO. Northside Amateur Radio Club. Certificate. Donations accepted, made out to the Miller County Relay For Life/American Cancer Society or main.acsevents.org/site/TR/RelayForLife/RFLCY14PL?pg=entry&fr_id=60125_kl7qw@yahoo.com
- 05/31/2014 | Breeze Shooters 62nd Anniversary May 31-Jun 1, 2000Z-2000Z, K3BRZ**, Pittsburgh, PA. Breeze Shooters Amateur Radio Club. Certificate. N3LWP. The Breeze Shooters ARC will be celebrating the 60th annual Breeze Shooters hamfest on June 1 2014 at the Butler PA Farm Show Grounds. Please include a SASE. Contact N3LWP at k3brz@breezeshooters.org for more information or visit www.breezeshooters.org
- 06/01/2014 | Packard Air to Ground Day Jun 1, 1400Z-2200Z, W8P**, Utica, MI. Packard Proving Ground Amateur Radio Club. Certificate. N8SA. Commemorating the first phone air to ground radio communication of June 3rd, 1929 at the Packard Proving Grounds, Shelby Twp, MI, between W8RD (ground) and a diesel powered aircraft (Packard Experimental) W8XB (special call sign for aircraft). www.ppgarc.com
- 06/03/2014 | Inter-Tribal Emergency Management Coalition Summit 2014 (ITEMC) Jun 3-Jun 5, 1700Z-2300Z, AE5OF**, Shawnee, OK. South Eastern Oklahoma ARES. Certificate & QSL. We have been asked to set up a station to demonstrate how ARES can assist Tribal Emergency Managers nationwide. We request a QSL if possible. <https://www.seokares.org>
- 06/06/2014 | 70th Anniversary of D-Day Jun 6-Jun 8, 1500Z-2100Z, W9D**, Clarendon Hills, IL. DuPage Amateur Radio Club. Certificate. WB9UGX, c/o DuPage Amateur Radio Club, W9DUP. Operation from First Division War Museum. www.w9dup.org
- 06/06/2014 | American Cancer Society, West Shelby Relay For Life Jun 6-Jun 7, 0000Z-1300Z, N4GHP**, Calera, AL. Area Amateurs. QSL. Commemorating the 2014 West Shelby Relay for Life. acs.org
- 06/06/2014 | D-Day Commemoration Jun 6-Jun 8, 1300Z-2100Z, W2W**, Baltimore, MD. National Electronics Museum Amateur Radio Club. Certificate & QSL. W2W - D-Day Commemoration, ww-2.us
- 06/07/2014 | Badin Bomber Crash 70th Anniversary Jun 7, 1400Z-1800Z, NC4MC**, Troy, NC. Montgomery Amateur Radio Society. Certificate. KG4ZRH. 70th anniversary of the crash of the USN "Badin Bomber" into Lake Badin, Badin, NC on June 8, 1944.
- 06/07/2014 | Museum Ships Weekend -- USS Nautilus SSN 571 First Nuclear Submarine Jun 7-Jun 8, 1300Z-2100Z, N1S**, Groton, CT. Tri-City ARC. QSL. N1S www.qsl.net/tricityarc/.
- 06/07/2014 | Museum Ships Weekend Event 2014 Jun 7-Jun 8, 0001Z-2359Z, NJ2BB**, Camden, NJ. Battleship New Jersey Amateur Radio Station. Certificate & QSL. KB2BRR. nj2bb.org
- 06/07/2014 | Museum Ships Weekend Event Jun 7-Jun 8, 1600Z-2300Z, NI6IW**, San Diego, CA. USS Midway (CV-41) Museum. QSL. USS Midway Museum Radio Room.
- 06/07/2014 | Narragansett Bay Islands Jun 7-Aug 31, 1400Z-2000Z, W1SYE**, Newport, RI. Newport County Radio Club. Certificate & QSL. Newport County Radio Club. Rhode Island's Narragansett Bay islands and lighthouses have a rich history from pre-colonial times through WWII. See www.w1sye.org for multiple island and light activations this summer. www.w1sye.org
- 06/07/2014 | South Oakland County Model Railroad Club 60th Anniversary Jun 7, 1300Z-2200Z, KB5OO**, Troy, MI. Robin R. Laird (Rick). Certificate & QSL. SOCMRRC c/o KB5OO. Permanent home in club owned building in Hazel Park, MI. Club Models the Grand Trunk Western Railroad, Holly Subdivision, now part of Canadian Railroad. ricklaird1@comcast.net
- 06/07/2014 | Streetsville Bread and Honey Festival Jun 7-Jun 8, 1400Z-2000Z, VE3MIS**, Mississauga, ON. Mississauga Amateur Radio Club. Certificate & QSL. VE3TKI. Times are daily. Please note: we can not use US stamps for return mail from Canada to the USA. However, green \$tamps will be gratefully received. www.marc.on.ca
- 06/07/2014 | Walthall County Dairy Festival Jun 7, 1400Z-2000Z, W5WQ**, Tylertown, MS. Southwest Mississippi Amateur Radio Club. QSL. w5wq.net
- 06/07/2014 | WW II Submarine USS Cobia AGSS-245 Jun 7-Jun 8, 1400Z-2100Z, NB9QV**, Manitowoc, WI. USS Cobia Amateur Radio Club. QSL. W6BSF. Participating in Museum Ships Afloat Weekend www.grz.com/db/nb9qv
- 06/08/2014 | Museum Ship Weekend Jun 7-Jun 8, 1221Z-1221Z, W1T**, Shelburne, VT. Radio Amateurs of Northern Vermont. Certificate. W4YFJ. Steamship Ticonderoga.
- 06/08/2014 | Prince William County 4-H Youth Lounge Jun 8, 1100Z-1900Z, N4H**, Manassas, VA. Prince William County 4-H / Ole Virginia Hams Amateur Radio Club. QSL. N4H c/o K4CNM. Operated by 4-H members from within the Youth Lounge at the Manassas Hamfest. www.w4ovh.net
- 06/09/2014 | Aerospacefest Jun 9-Jun 15, 0000Z-2359Z, K1A**, Concord, NH. Sky is No Limit Amateur Radio Club and Contoocook Valley Radio Club. Certificate & QSL. KK1KW. The McAuliffe- Shepard Discovery Center Celebrates Aerospacefest . Commemorating Astronauts Christa McAuliffe and Alan Shepard. www.starhop.com
- 06/09/2014 | Hot Rod Power Tour Jun 9-Jun 14, 1800Z-1800Z, KB9GKC**, Ohio, Indiana, Iowa, Wisconsin. Team Pontiac. Certificate. \$5.00 for certificate. kb9gkc@aol.com
- 06/13/2014 | COFT - Vietnam Veterans Memorial Wall Jun 13-Jun 15, 0800Z-0000Z, W2SO**, Corfu, NY.

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- Lancaster Amateur Radio Club. Certificate & QSL.
Lancaster Amateur Radio Club. Cost of Freedom Tribute is a tribute, depicting Honor, Respect and Remembrance of those who have given the ultimate sacrifice in defense of our country. All conflicts the United States of America has been involved in are represented. w2so.org
- 06/14/2014 | 25th Annual Massanutten Antique Tractor Show Jun 14, 1430Z-2100Z, W4T**, Woodstock, VA. Woodstock Amateur Radio Group. QSL. kd4wie@arrl.net
- 06/14/2014 | Green Valley Amateur Radio Club 33rd Anniversary Jun 14, 1600Z-2100Z, WE7GV**, Green Valley, AZ. Green Valley Amateur Radio Club. Certificate & QSL. Green Valley Amateur Radio Club. gvarc.us
- 06/14/2014 | Jimmy Stewart Airport Festival Jun 14-Jun 15, 1400Z-2000Z, W3BMD**, Indiana, PA. Indiana County Amateur Radio Club. QSL. Indiana County Amateur Radio Club. Times are daily. We will try for 15m and 10m operation also. The airport is named for the actor who was born here and piloted B-24s in Europe in WW2. qsl.net/w3bmd
- 06/14/2014 | Museum on the air Jun 14-Jun 15, 1212Z-1204Z, K9K**, Pontiac, IL. Illinois Radio League/Museums on the Air at the Route 66 Museum in Pontiac, IL. QSL. www.illinoisradioleague.org or www.wb9irl.org
- 06/14/2014 | Relay for Life Jun 14, 0200Z-1800Z, W7C**, Cheyenne, WY. Team Frequency. QSL. KD7LLF.
- 06/15/2014 | FIFA World Cup 2014 - Hamradio and Sports uniting countries Jun 15-Jul 13, 0000Z-0000Z, W7C**, Port Orchard, WA. KQ7W. QSL. www.qrz.com/db/w7c
- 06/21/2014 | 350th Anniversary of State of New Jersey Jun 21-Jun 22, 1400Z-2000Z, N2J**, Tinton Falls, NJ. Garden State Amateur Radio Association. QSL. W2GSA GSARA. gardenstateara.wordpress.com
- 06/21/2014 | B-17 Fly-In at Centennial Airport Jun 21, 1400Z-2100Z, K0WAR**, Denver, CO. Wings Over the Rockies Air and Space Museum. Certificate & QSL. Wings Over the Rockies Air and Space Museum.
- 06/21/2014 | L.E.E.K. Annual Spring Open House Jun 21, 1500Z-2300Z, N3PC**, Coudersport, PA. Headwaters Amateur Radio Club. QSL. Headwaters Amateur Radio Club, Honoring the men and women of the Wounded Warriors project. The L.E.E.K. Hunting and Mountain Preserve in Oswayo, PA is a completely volunteer-run facility dedicated to offering therapeutic outdoor programs for wounded veterans with all levels of disabilities. L.E.E.K. holds an annual spring open house and HARC will operate in support of their endeavors. We will be operating on 20m SSB primarily with some CW and digital possible. Please see our website for additional information and updates on specific frequencies. www.n3pc.com
- 06/21/2014 | The Hudson Lights 2014 Jun 21, 1300Z-2200Z, W2E**, Nutley, NJ. Nutley Amateur Radio Society. Certificate & QSL. Stony Point USA-293. Activating 9 lighthouses along the Hudson River in NJ & NY for a one day event. Rain date is June 22. W2A (Sandy Hook USA-731 & Navesink Twin Lights USA-530) W2B (Statue of Liberty USA-810 & Robins Reef USA-695) W2C (Jeffery's Hook Little Red USA-408) W2D Sleepy Hollow Kingsland Point Tarrytown USA-836) W2E (Stony Point USA-293) W2F (Esopus USA-276 & Kingston Light USA-702). More info can be found at QRZ.com or by contacting the QSL Manager for the event at KC2PJH@arrl.net. www.qrz.com/db/w2glq
- 06/22/2014 | Museums on the Air Jun 22-Jun 23, 1301Z-1301Z, K9K**, Pontiac, IL. Illinois Radio League. QSL. www.illinoisradioleague.org
- 06/28/2014 | Field Day Jun 28-Jun 29, 1800Z-2059Z, K6A**, Madera, CA. Antelope Valley Amateur Radio Club. QSL. Field Day - Get On The Air Station www.avarc.av.org
- 06/28/2014 | Field Day Jun 28-Jun 29, 1800Z-2059Z, W2GSB**, West Babylon, NY. Great South Bay Amateur Radio Club. QSL. www.gsbarc.org
- 06/28/2014 | First Christian Church, Flora, IN, 100th Birthday Jun 28-Jul 6, 1500Z-2000Z, K9EFY**, Flora, IN. Area Amateurs. Certificate. K9EFY. Mornings 9:00 –11.00 AM EST. Each day except Sunday
- 06/28/2014 | JTRG Field Day Jun 28-Jun 29, 1300Z-1300Z, W4J**, Jupiter, FL. Jupiter Tequesta Repeater Group. QSL. JTRG. JTRG 32nd Anniversary and Field Day Event www.jtrg.org
- 06/28/2014 | Pine Mountain ARC Formation / Field Day Jun 28-Jun 29, 1800Z-2059Z, W6P**, Frazier Park, CA. Pine Mountain Amateur Radio Club. QSL.
- 06/28/2014 | World War I Centennial Special Event Jun 28-Jun 29, 1500Z-2200Z, WW1USA**, Kansas City, MO. National World War I Museum Amateur Radio Club. Certificate. NZ0F, National World War 1 Museum Amateur Radio Club. E-mail WW1USA@theworldwar.org for more information. Certificates for worked stations available at theworldwar.org/amateurradio
- 06/30/2014 | 151st Anniversary of "The Battle of Hanover and Gettysburg" Jun 30-Jul 14, 0500Z-0505Z, W1G**, East Berlin, PA. WO4L. Certificate & QSL. Instructions for QSL and certificate at www.qrz.com/db/wo4l or www.qrz.com/db/w1g
- 06/30/2014 | Granite Mountain Hotshots Memorial Jun 30, 1300Z-2300Z, N7GMH**, Prescott, AZ. GMH Memorial Radio Club (Yavapai ARC). Certificate. Remembering the Granite Mountain Hotshots firefighters who lost their lives in Yarnell, AZ on June 30, 2013. www.w7yrc.org

Available Gear

(first run 5/2014)

Hallicrafter SR-160 Transceiver
Kenwood TS -120S HF Transceiver with external MFJ tuner.
Kenwood TS -430 HF Transceiver with external MFJ tuner.
Ten-Tec Century 21 Analog CW Tranceiver, 70 watts,
HeathKit SB-110 VHF Transceiver 6M (x2 – 1 obtained as a parts locker, the other appears complete)

Heathkit 2M

Contact Stewart / KG6BOV at arrl dot net
Local pick-up

Laguna Peak Update

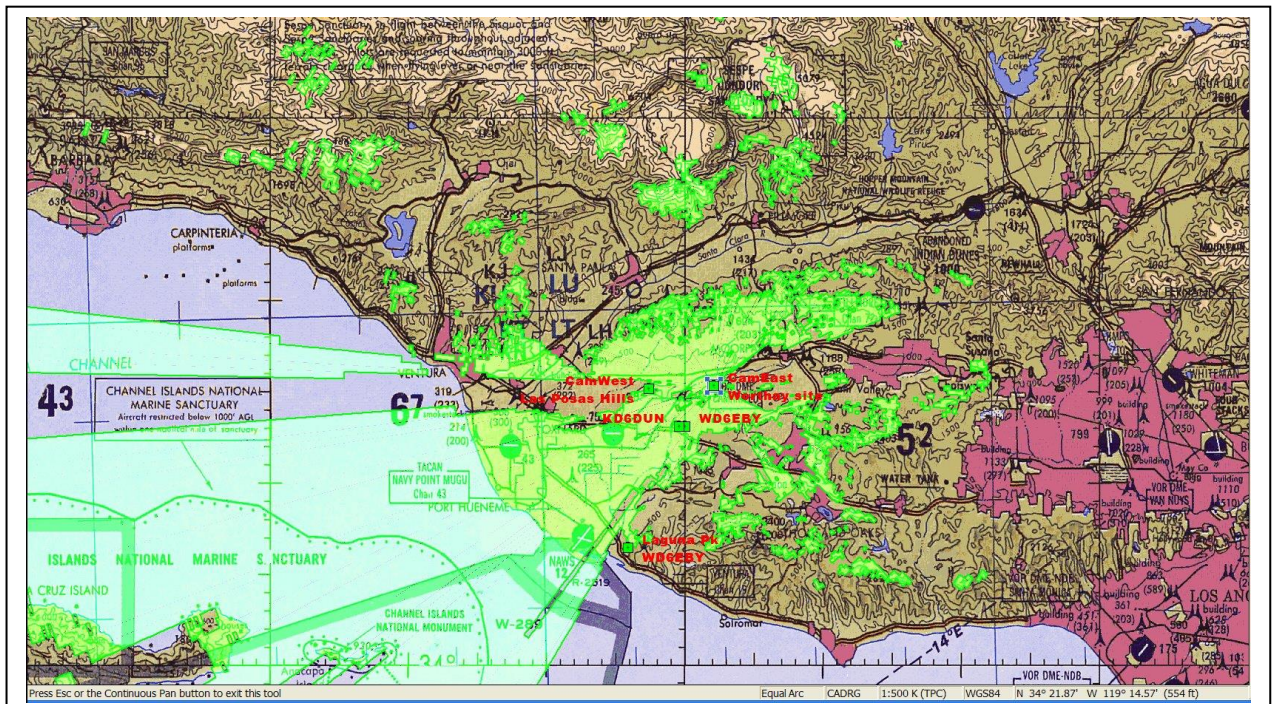
Hello All,

Because of the temporary loss of the Laguna Peak location, I have for the time being moved the 147.060 (127.3) repeater to the Camarillo Solar Site. It is also currently connected to the 445.600 (141.3) repeater. So you can better understand this sites coverage, I have attached a coverage plot.

Additionally, I replaced the the Xantrex PWM Solar Charger with a new technology charger from Morningstar. It is a TriStar TS-MPPT-30 Solar Charger. The old pulse width charger was producing some very strong harmonics that was interfering with the audio and RF systems on the hill. With the new "Maximum Power Point Tracking" charge controller I should see a 15-35% improvement in charge to the batteries through the course of the year.

Thank you.

Paul Strauss
WD6EBY



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

06/07/2014 10:00 AM (Walk-ins allowed) Test 1st Saturday Every Month Sponsor: AA6WC/AliHassan VEC: ARRLVEC Contact: Ali Hassan (323)758-0565 Email: aa6wc@prodigy.net Location: VE's Residence 6043 3rd Avenue Los Angeles CA 90043-2618

06/07/2014 Time: 10:30 AM (Walk-ins allowed) Sponsor: ARES LAX VEC: ARRLVEC Contact: James W. Laage (818)368-8710 Call before 6PM Email: cilaage@verizon.net Location: Valley Presbeterian Hospital Health Education Center 15107 Vanowen St Van Nuys CA 91405-4542

06/08/2014 Time: 8:30 AM (Walk-ins allowed) Sponsor: Conejo Valley ARC VEC: ARRLVEC 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

06/14/2014 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

06/14/2014 Time: 8:00 AM (No walk-ins) Sponsor: SMRA Emergency Repeater Network VEC: ARRLVEC Contact: George W. Kreider (805)388-2488 Email: kn6la@verizon.net Location: Southern California Edison 10060 Telegraph Rd Ventura CA 93004-1270

06/14/2014 Time: 9:00 AM (Walk-ins allowed) Sponsor: South Bay ARC VEC: ARRLVEC Contact: Joseph M. Lanphen (310)328-0817 Email: janphen@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

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- 06/22/2014** Time: 10:00 AM (No walk-ins) **Sponsor:** PAPA System **VEC:** [Greater LA VEC](#) **Contact:** Norman M. Goodkin (818) 222-7893 **Email:** hamclass@goodkin.net **Location:** Woodley Park2 6350 Woodley Ave Van Nuys CA 91406-6473
- 06/28/2014** Time: 10:00 AM (Walk-ins allowed) **Sponsor:** Crescent Bay VE Grp/W6TRW ARC **VEC:** [ARRL/VEC](#) **Contact:** Scott V. Swanson (310)459-0337 **Email:** scottk6pyp@gmail.com **Location:** Northrup/Grumman 1 Space Park Blvd Redondo Beach CA 90278-1001
- 07/05/2014** 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
- 07/05/2014** Time: 10:30 AM (Walk-ins allowed) **Sponsor:** ARES LAX **VEC:** [ARRL/VEC](#) **Contact:** James W. Laage (818)368-8710 **Call before 6PM Email:** cllaage@verizon.net **Location:** Valley Presbyterian Hospital Health Education Center 15107 Vanowen St Van Nuys CA 91405-4542
- 07/12/2014** Time: 7:00 AM (No walk-ins) **Sponsor:** PAPA **VEC:** [Greater LA VEC](#) **Contact:** Norman M. Goodkin (818)403-5123 **Email:** hamclass@goodkin.net **Location:** Coffee Co. 8751 La Tijera Blvd Los Angeles CA 90045-3906
- 07/12/2014** Time: 8:30 AM (Walk-ins allowed) **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 Rd Santa Barbara CA 93110-1370 Southwest corner of bldg
- 07/19/2014** 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
- 07/20/2014** Time: 3:00 PM (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
- 07/26/2014** Time: 8:50 AM (Walk-ins allowed) **Sponsor:** **VEC:** [Greater LA VEC](#) **Contact:** Alan B. Corlin (310)367-6359 **Email:** ad747@lafn.org **Location:** Culver City Fire Drill Yard 9275 Jefferson Blvd Culver City CA 90232-2921
- 07/26/2014** Time: 10:00 AM (Walk-ins allowed) **Sponsor:** Crescent Bay VE Grp/W6TRW ARC **VEC:** [ARRL/VEC](#) **Contact:** Scott V. Swanson (310)459-0337 **Email:** scottk6pyp@gmail.com **Location:** Northrup/Grumman 1 Space Park Blvd Redondo Beach CA 90278-1001
- 07/27/2014** Time: 8:00 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
- 08/02/2014** 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
- 08/02/2014** Time: 10:30 AM (Walk-ins allowed) **Sponsor:** ARES LAX **VEC:** [ARRL/VEC](#) **Contact:** James W. Laage (818)368-8710 **Call before 6PM Email:** cllaage@verizon.net **Location:** Valley Presbyterian Hospital Health Education Center 15107 Vanowen St Van Nuys CA 91405-4542
- 08/03/2014** Time: 3:00 PM (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
- 08/06/2014** 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
- 08/09/2014** 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
- 08/09/2014** Time: 8:00 AM (No walk-ins) **Sponsor:** SMRA Emergency Repeater Network **VEC:** [ARRL/VEC](#) **Contact:** George W. Kreider (805)388-2488 **Email:** kn6la@verizon.net **Location:** Southern California Edison 10060 Telegraph Rd Ventura CA 93004-1270
- 08/09/2014** Time: 9:00 AM (Walk-ins allowed) **Sponsor:** South Bay ARC **VEC:** [ARRL/VEC](#) **Contact:** Joseph M. Lanphen (310)328-0817 **Email:** ilanphen@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
- 08/10/2014** 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
- 08/30/2014** Time: 10:00 AM (Walk-ins allowed) **Sponsor:** Crescent Bay VE Grp/W6TRW ARC **VEC:** [ARRL/VEC](#) **Contact:** Scott V. Swanson (310) 459-0337 **Email:** scottk6pyp@gmail.com **Location:** Northrup/Grumman 1 Space Park Blvd Redondo Beach CA 90278-1001

Upcoming HamFests & Conventions

White Mountain Hamfest

Start Date: 06/07/2014 **End Date:** 06/07/2014 **Location:** Show Low City Hall 180 North 9th Street Show Low, AZ 85901
Sponsor: Kachina Amateur Radio Club **Type:** ARRL Hamfest **Website:** <http://www.kachina-arc.org> **Talk-In:** 145.310 - 600 (PL 110.9) **Public Contact:** Jim Mortensen , W7AZY 3119 West Bryant Avenue Snowflake, AZ 85937 Phone: 928-358-8761 **Email:** jimmules@frontiernet.net

Santa Maria Radio Swapfest

Start Date: 06/14/2014 **End Date:** 06/14/2014 **Location:** Newlove Picnic Grounds 1555 Orcutt Hill Road Orcutt, CA
Sponsor: Satellite Amateur Radio Club **Type:** ARRL Hamfest **Website:** <http://www.satellitearc.com> **Talk-In:** 145.140- (PL 131.8) **Public Contact:** Eric Lemmon , WB6FLY 4416 Titan Avenue Lompoc, CA 93436 Phone: 805-733-4416
Email: wb6fly@verizon.net

46th MARAC NATIONAL CONVENTION

Start Date: 07/09/2014 **End Date:** 07/12/2014 **Location:** Holiday Inn Hotel & Conference Center
9000 West Airport Drive Visalia, CA 93277 **Sponsor:** Mobile Amateur Radio Awards Club **Type:** ARRL Convention
Website: <http://marac.org> **Talk-In:** None **Public Contact:** Robert Devine , KC6AWX 407 Alameda Del Prado Novato, CA 94949 Phone: 415-883-8980 **Email:** kc6awx@arrl.net

Arizona State Convention

Start Date: 07/18/2014 **End Date:** 07/19/2014 **Location:** Williams Rodeo Grounds 800 Rodeo Road Williams, AZ 86046
Website: <http://www.arca-az.org> **Sponsor:** Amateur Radio Council of Arizona & City of Williams **Type:** ARRL
Convention **Talk-In:** 146.78- (PL 91.5) **Public Contact:** Mark Kesauer , N7KKQ 16845 North 29th Avenue, #312
Phoenix, AZ 85053 Phone: 602-881-2722 **Email:** arcafest@arca-az.org

Southwestern Division Convention

Start Date: 09/12/2014 **End Date:** 09/14/2014 **Location:** Four Points Sheraton Hotel 8110 Aero Drive San Diego, CA
92101 **Website:** <http://sandarc.net/convention2014.php> **Sponsor:** San Diego County Amateur Radio Council
(SANDARC) **Type:** ARRL Convention **Talk-In:** 145.32 negative offset (PL 107.2) **Public Contact:** Michael Maston ,
N6OPH 3982 Kansas Street San Diego, CA 92104 Phone: 619-972-1148 **Email:** mastroleo@mindspring.com

Trivia for June 2014

DID YOU KNOW?

- 1) In the comic strip Peanuts, Snoopy was born at Daisy Hills Puppy Farm?
- 2) Lionel Corp, known for electric trains produced the j-36 and much improved j-38 Telegraph key for the US Signal Corp during World War 2?
- 3) Ben Franklin wanted a wild turkey as our national emblem, but, he was voted out and the American Bald Eagle became our icon.

de Dana
kg6wxe@arrl.net

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. This is linked to Four Four Eight Decimal Eight Zero 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 and K6JLW for the use of their repeaters for our net”

“73, This is _____.”

K6MEP CALENDAR

June 2014

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

14: Flag Day

14: Santa Maria HamFest Orcutt **Sponsor:** Satellite Amateur Radio Club

15: Fathers’ Day

27-29: ARRL Field Day – Join K6MEP for Field Day at Ventura Harbor – Set-up on Friday, operating on Saturday and Sunday.

July 2014

3: Moorpark 3rd of July Fireworks (ARES support)

4: Independence Day

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

August 2014

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

23-24: Camarillo Airshow – (ARES Support)

*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.

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>

Locations and directions:

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 Ext 320.
Please try to register for classes a week before the class is being offered

CLASS ID Basic Courses Day Date Time Loc.

For class info call 805-987-1514 Ext 320
OFFERING ID Chapter OFFERING Day Date Time
Prerequisite Instructors Location

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

- [IS-005.A An Introduction to Hazardous Materials](#)
- [IS-007 A Citizen's Guide to Disaster Assistance](#)
- [IS-10.a Animals in Disasters: Awareness and Preparedness](#)
- [IS-11.a Animals in Disasters: Community Planning](#)
- [IS-022 Are You Ready? An In-depth Guide to Citizen Preparedness](#)
- [IS-35.11 FEMA Safety Orientation 2011](#)
- [IS-055 Household Hazardous Materials - A Guide for Citizens](#)
- [IS-100.b Introduction to Incident Command System, ICS-100](#)
- [IS-101.a Deployment Basics](#)
- [IS-102.a Deployment Basics for FEMA Response Partners](#)
- [IS-120.a An Introduction to Exercises](#)
- [IS-197.SP Special Needs Planning Considerations for Service and Support Providers](#)
- [IS-200.b ICS for Single Resources and Initial Action Incidents](#)
- [IS-208 State Disaster Management](#)
- [IS-230.b Fundamentals of Emergency Management](#)
- [IS-235.a Emergency Planning](#)
- [IS-240.a Leadership & Influence](#)
- [IS-241.a Decision Making and Problem Solving](#)
- [IS-242.a Effective Communication -\(1/14/2011\) 0.8 1.0](#)
- [IS-244.a Developing and Managing Volunteers](#)
- [IS-250 Emergency Support Function 15 \(ESF 15\) External Affairs: A New Approach to Emergency](#)

- [Communication and Information Distribution - \(12/4/2007\)](#)
- [IS-275 The EOC's Role in Community Preparedness, Response and Recovery Activities](#)
- [IS-288 The Role of Voluntary Agencies in Emergency Management](#)
- [IS-292 Disaster Basics](#)
- [IS-317 Introduction to Community Emergency Response Teams](#)
- [IS-393.a Introduction to Hazard Mitigation](#)
- [IS-700.a National Incident Management System \(NIMS\), An Introduction](#)
- [IS-702.a National Incident Management Systems \(NIMS\) Public Information Systems](#)
- [IS-703.a NIMS Resource Management](#)
- [IS-704 NIMS Communications and Information Management](#)
- [IS-800.b National Response Plan \(NRP\), An Introduction](#)

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 SMRA South Mt / K6ERN 146.385 Mhz (+) PL 127.3 (linked to 224.100 Mhz (-) / PL 127.3 and 447.320 Mhz (-) / PL 100.0).

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 (-) No PL

Area 6 Ventura City – N6VUY 147.975 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 – WA6ZSN 146.385 Mhz (+) PL 127.3

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

Other Good Area Frequencies ...

W6GRG 146.940 Mhz (-) PL 127.3 Simi DSW Repeater

WA6FGK 146.640 Mhz (-) PL 127.3 Simi Valley

N6EVC 146.850 Mhz (-) PL 94.8 Rasnow

K0AKS 147.150 Mhz(-) PL127.3 TOaks

WD6EBY 147.060 MHz (-) PL127.3 Laguna Peak (Temp Inact)

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

WA6COT 145.180 Mhz (-) PL 131.8 Sta Ynez

WB6OBB 147.000 Mhz (+) PL 131.8 Sta Barbara

AA6DP 147.090 Mhz (+) No PL Catalina

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

LA DCS 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

N6FDR 145.260 Mhz (-) PL 100.0 Malibu

W6AAX 147.180 Mhz (+) PL 186.2 Chatsworth

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

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 147.540 from simplex to repeater use.

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.

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

Area 1 Simi Valley – 147.480Mhz (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 – 147.540Mhz (S)

Area 8 Moorpark – 146.535Mhz (S)

County ARES Simplex – 147.525Mhz (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: Jose Vasquez, N6VUY Email: n6vuy@arrl.net

Area 7 Santa Paula, Fillmore, Piru EC: Jose Vasquez, N6VUY Email: n6vuy@arrl.net

Area 8 Moorpark, Santa Rosa Valley EC: Marc Handley KM6B, Email: km6b@arrl.net

K6MEP Keyer June 2014

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

<http://www.facebook.com/pages/Ventura-County-Amateur-Radio-Club/218258118205441>

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.

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) linked to K6JLW 448.800 Mhz (-) PL 131.8

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 146.385 (+) / 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 7.230 Mhz LSB +/- ; 80M on 3.820 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

Channel Islands 10-10 Net 28.340Mhz USB 10:00 AM / 6:00 PM

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

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

Quad Squad Net 1300 / 1:00 PM 21.365 Mhz USB

Military Radio Collector Net 1830 / 6:30PM 3985 KHz +/- AM

Sunday

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

Secretary's Column (cont from pg 2)

OLD BUSINESS

Field Day: Dana KG6WXE; Public Relations, has begun sending press releases to local newspapers/ periodicals. Also working on adjusting the pinpoint on the ARRL website for field day site location, the mark is positioned on the water of the Harbor.

Band captain change, 40 meters is open as the captain has dropped out.

The construction on the site is expected to be complete before field day, and access to some portions of the field. Discussions about equipment; radios, antennas, batteries, possible local communications for coordination. Talk in frequency suggested is 146.880.

Electrical grounding, some means to drive a ground rod into rocky soil and extract when finished, antennas and electric cords or other needed equipment. Joe can find several ground rods if needed.

Bring list of needs and haves to the June meeting to finalize the field day plan.

NEW BUSINESS

GENERAL MEMBERSHIP MEETING

COMMENTS

Notes

Roll Call Total attendance : 14 Guests: 2.

EXECUTIVE BOARD MEETING MINUTES

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

CALL TO ORDER

Joe calls brief meeting

MEETING MINUTES

Joe had asked for any board issues

Mailbox is moved in the Post Office Stewart KG6BOV

No items from Secretary, May and June no actions on Business calendar. Bob KD6UDA

No further board issues, meeting adjourned.

FINANCIAL REVIEW

Treasurer's report in general meeting.

OLD BUSINESS

NEW BUSINESS

COMMENTS

ADJOURN

Board meeting adjourned and proceed to General meeting.

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



ARRL Opposes FCC Proposal to Leave Licensed Service Users Open to Unlicensed Interference

05/05/2014

Asserting “a substantial stake” in the outcome of the proceeding, the ARRL [has commented](#) in opposition to an FCC proposal that would leave licensed radio service users vulnerable to interference from unlicensed devices. In a docket unrelated to Amateur Radio spectrum, the Commission has indicated that it’s willing to consider adding licensed Globalstar terrestrial users to the 2473-2483.5 MHz band — already shared by licensed and unlicensed services — with the condition that customer handset users in the new allocation accept interference from *unlicensed* radio services now legally operating there. The League’s comments were in response to a *Notice of Proposed Rule Making (NPRM)* in IB Docket 13-213 and RM-11-685.

“*This plan would for the first time create a multiple-use, radio frequency environment in which Part 15 unlicensed devices do not have to protect a licensed, allocated radio service from harmful interference,*” the ARRL stressed. “This is untenable as a precedent, and it makes the entirety of the [NPRM] likewise untenable.”

The League said allowing Globalstar to deploy Ancillary Terrestrial Component (ATC) users of its Mobile-Satellite Service (MSS) system under technical rules that apply to unlicensed users would depart from long-standing rules protecting licensed radio services from interference resulting from the use of unlicensed Part 15 or Part 18 ISM devices.

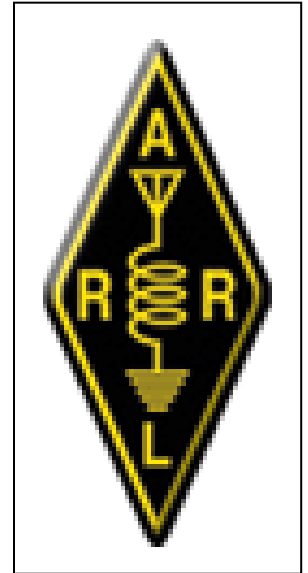
The League said the proposal “represents an unprecedented withdrawal of the assurances that licensed users have been given by the Commission and relied upon in dozens of allocation proceedings.” The League said many Commission orders “consistently embody” the principle that Part 15 device operators must cease operations that cause harmful interference.

“The Commission cannot, consistent with the entire regulatory underpinning for allowing Part 15 devices, premise an allocation decision in this case on the unique provision that a component of a *licensed* radio service will *not* be entitled to interference protection from Part 15 devices, whether those unlicensed devices are incumbent or deployed in the future in the band at issue,” the League concluded.

The ARRL suggested that the FCC “do some *bona fide* technical evaluation” of compatibility between and among services in and below the band at question and ATC systems before deciding whether or not the proposed overlay is compatible.

“The price of making the wrong assumptions is too high in this and similar allocations proceedings,” the ARRL said, “and the damage from the wrong assumptions will be, practically speaking, impossible to reverse.” The Commission, the League continued, “must absolutely refrain from compromising” the basic concept that unlicensed Part 15 devices may only operate “*on the absolute condition that they do not interfere with any component of a licensed radio service.*”

The League’s comments further pointed out that the reason Part 15 wireless broadband devices operate below 2473 MHz has been to provide a sort of “guard band” to protect MSS above 2483.5 MHz. Globalstar contended that Part 15 wireless devices were not being deployed in the segment it wants, but, the ARRL noted, that unlicensed users avoided the segment in the first place for Globalstar’s benefit.



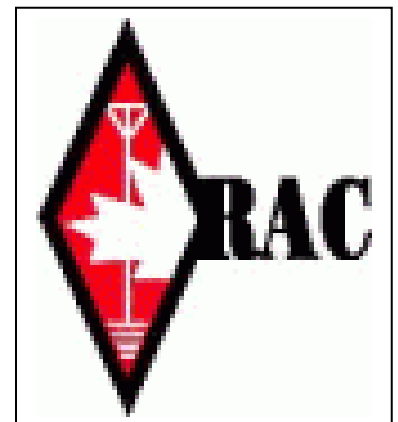
Canadian Radio Amateurs Gain New 472-479 kHz Band

05/05/2014

As of May 1, radio amateurs in Canada have a new allocation at 472-479 kHz. The 7 kilohertz sliver of spectrum is available to hams there on a secondary basis. Delegates attending the 2012 World Radiocommunication Conference (**WRC-12**) **approved a secondary allocation between 472-479 kHz for the Amateur Radio Service, and telecommunications regulator Industry Canada** subsequently **K6MEP Keyer June 2014**

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proposed numerous revisions to its **Table of Frequency Allocations**, including the new 472-479 kHz band. Radio Amateurs of Canada (**RAC**) announced the “official implementation” of the band today.

“Canadian amateur operators have recently secured two new segments of spectrum, thanks to the very hard work of RAC volunteers,” the announcement said. “The 60 meter band allocation was made official a few month ago as well.”

MF and LF experimenter Joe Craig, VO1NA, “discovered” that the long-awaited new 630 meter band had become available when he checked the *Table of Frequency Allocations* last week. Craig said it didn’t take long for him and his wife Michelle, VO1RL, “to get our feet wet” on the new allocation. She stayed at home, while Joe tossed some gear into the car and drove to a park for their first contact on the new band (at 473 kHz on CW).

Last fall Industry Canada issued an experimental radio license to Craig’s club, the **Marconi Radio Club of Newfoundland** (VO1MRC), endorsing experimental station VX9MRC to conduct transmissions on 472-479 kHz on December 14 and 15, to call attention to the potential new Amateur Radio band there and to the role ham radio plays in emergency communication.

The ARRL in 2012 **petitioned** the FCC to carve out the same band for US hams, but the Commission has not yet acted on the League’s request. The ARRL-sponsored **WD2XSH** experimental operation in that region of the spectrum continues, with Fritz Raab, W1FR, as the coordinator. Other experimenters also operate there from time to time.

By international agreement, the maximum equivalent isotropically radiated power (EIRP) of amateur stations using 472-479 kHz may not exceed 5 W (or 1 W EIRP in some locations). In the US and in Canada, the 472-479 kHz band is part of the larger 435-495 kHz segment allocated on a primary basis to the Maritime Mobile Service and on a secondary basis for government Aeronautical Radionavigation.

Craig believes the new band will appeal to a broader group of hams than do more-demanding LF allocations. He has predicted that transatlantic contacts, while challenging, “should be fairly common using conventional CW and digital modes.” He said that although MF enthusiasts might have to build their own transmitters, most newer HF transceivers already can receive on 472-479 kHz.

A dozen or more countries already have approved Amateur Radio operation in the 630 meter band. They include Germany, Norway, the Philippines, Australia, New Zealand, Switzerland, Finland, Spain, and France.

Last November the FCC released a **Notice of Proposed Rule Making and Order** (ET Docket 12-338) proposing the creation of a new LF ham band at 135.7 to 137.8 kHz. Canadian hams already have such an allocation.

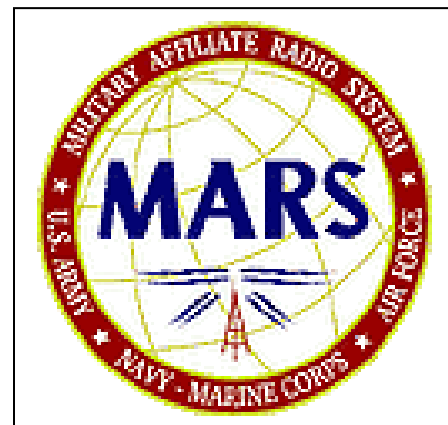
US House Committee Expresses Support for MARS Program

05/14/2014

The US House Armed Services Committee has expressed its continued support for the Military Auxiliary Radio System (MARS) program. The backing was included in a **report** accompanying HR 4435, the FY15 National Defense Authorization bill. Language drafted by the Subcommittee on Intelligence, Emerging Threats and Capabilities was subsequently approved by the full committee. The House Armed Services Committee also reiterated a series of recommendations it made 2 years ago to strengthen the program. Sponsored by the US Department of Defense, MARS is an organization of Amateur Radio volunteers who provide “contingency communications support” to the Defense Department and to US Government operations.

“In addition to providing an important backup to conventional communications that is potentially vulnerable to disruption or degradation, MARS can play a vital role in helping to ensure continuity of government and continuity of operations in the event of a natural or man-made disaster,” the committee said. The House panel also expressed concern that the Defense Department was not taking full advantage of the capabilities that MARS provides, and it directed military officials “to integrate MARS more fully into their operational planning and activities.” It also called for folding MARS into the Department of Defense emergency communication plan.

The committee noted that recommendations made in its FY13 National Defense Authorization Act report had not been put into effect. The committee directed the Secretary of Defense to ensure standardization of operating policies and procedures among the three MARS branches — Army, Air Force, and Navy-Marine Corps — through the appointment of an individual manager. The committee also directed the Secretary to brief the committee on the status of the Defense Department document, now under revision, that provides policy guidance and outlines departmental responsibilities for MARS.



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“There is growing recognition of the valuable role MARS plays in serving those who serve us,” said David J. Stapchuk, Chief of Air Force MARS. “We are proud to contribute to our nation’s security through the valuable support our volunteer members provide.” — *Thanks to Dave Trachtenberg, N4WWL/AFA3TR, National Planning Coordinator, Northeast Division MARS Director, USAF MARS*

Petition to Expand RFID Use on 70 Centimeters Withdrawn

05/14/2014

The FCC has dismissed without prejudice a *Petition for Rule Making (RM-11651)* by Lockheed Martin that would have amended the Commission’s Part 15 rules to expand deployment of the company’s radio frequency identification (RFID) system in the 433 MHz band (433.5-434.5 MHz). Lockheed Martin sold its RFID business 2 years ago, but the company only this month requested that the *Petition* be withdrawn and the proceeding terminated.



The ARRL had staunchly opposed the Lockheed Martin petition, which the firm filed on behalf of its subsidiary at that time, Savi. The League locked horns with Savi years ago, when the company successfully petitioned the FCC to amend its Part 15 rules governing periodic radiators to permit high-power, near-continuous duty RFID tags in the 433 MHz band. As a concession to opponents, the FCC limited deployment of the devices to “commercial and industrial areas” and allowed their use only for tracking “commercial shipping containers.” Lockheed Martin acquired Savi in 2006, but no longer owns the company.

The now-dismissed petition would have expanded the frequency range of the RFID tags to 433.05-434.79 MHz, required listen-before-transmit protocols to avoid interference to Amateur Radio, eliminated a manufacturer registration requirement, and dropped rules that prohibited deploying the devices outside “commercial or industrial areas” and limited their application to “commercial shipping containers.”

The ARRL **filed** vigorous opposition to the Lockheed Martin *Petition* in January 2012, saying that Lockheed’s petition “seeks to undo virtually all of the few interference protections” the FCC had adopted in 2004, “solely on the basis of vaguely stated advances in RFID technology.” Other Part 15 device manufacturers also opposed any expansion of the high-power application.

A May 14 Commission letter from FCC Office of Engineering and Technology Chief Julius P. Knapp said that on the basis of Lockheed Martin’s *Petition* and the comments filed on it, “we do not find sufficient basis to propose rules,” and determined that the original petition “does not warrant” FCC consideration. Knapp added, however, “Any party interested in pursuing changes to the rules for RFID operations in the 433 MHz band may file a new petition.”

ARRL Field Day 2014 Rules

1. **Eligibility:** Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, and may submit entries as check-logs.
2. **Object:** To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and in doing so to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio.
3. **Date and Time Period:** Field Day is **always the fourth full weekend**, beginning at 1800 UTC Saturday and ending at 2100 UTC Sunday. **Field Day 2014 will be held June 28-29, 2014.**
 - 3.1. Class A and B (see below) stations that do not begin setting up until 1800 UTC on Saturday may operate the entire 27-hour Field Day period.
 - 3.2. Stations who begin setting up before 1800 UTC Saturday may work only 24 consecutive hours, commencing when on-the-air operations begin.
 - 3.3. **No class A or B station may begin its set-up earlier than 0000 UTC on the Friday (Thursday afternoon or evening local time) preceding the Field Day period. Cumulative set-up time shall not exceed a total of 24 hours.**
4. **Entry Categories:** Field Day entries are classified according to the maximum number of *simultaneously* transmitted signals, followed by a designator indicating the nature of their individual or group participation. The minimum number of transmitters that must be claimed is one (1). Twenty (20) transmitters maximum are eligible for the purpose of calculating bonus points (2,000 points maximum). However, additional transmitters which may legitimately be used simultaneously will determine your entry category classification, but will not earn additional bonus points (i.e. 22 transmitters = 22A). The use of switching systems that allow for lockouts in order to use multiple transmitters (i.e., an “octopus”) in an attempt to enter a lower-number-of-transmitters class are prohibited (i.e. using 2 transmitters that can transmit simultaneously, with two operators, and a lock-out system and entering class 1A). The use of simulcasting devices that allow a single operator to key and transmit on more than one transmitter at a time, is prohibited. **Bonus stations, such as the GOTA station and satellite station do not count towards determining the number of transmitters for the class and do not qualify for transmitter bonus points.**
 - 4.1. **(Class A) Club / non-club portable:** Club or a non-club group of three or more persons set up specifically for Field Day. Such stations must be located in places that are not regular station locations and must not use facilities installed for permanent station use, or use any structure installed permanently for Field Day. A single licensee or trustee for the entry is responsible for the group entry. All equipment (including antennas) must lie within a circle whose diameter does not exceed 300 meters (1000 feet). To be listed as Class A, all contacts must be made with transmitter(s) and receiver(s) operating independent of commercial power mains. Entrants whom for any reason operate a transmitter or receiver from a commercial main for one or more contacts will be listed separately as Class A-Commercial.
 - 4.1.1. **Get-On-The-Air (GOTA) Station.** Any Class A (or F) entry whose transmitter classification is two or more transmitters may also operate one additional station without changing its base entry category, known as the GET-ON-THE-AIR (GOTA) station. **This GOTA station may operate on any Field Day band, HF or VHF, but is limited to one GOTA station transmitted signal at any time.**



- 4.1.1.1. This station **must use** a different callsign from the primary Field Day station. The GOTA station must use the same callsign for the duration of the event regardless if operators change. **The GOTA station uses the same exchange as its parent.**
- 4.1.1.2. The GOTA station may be operated by any person licensed since the previous year's Field Day, regardless of license class. It may also be operated by a generally inactive licensee. Non-licensed persons may participate under the direct supervision of an appropriate control operator. A list of operators and participants must be included on the required summary sheet to ARRL HQ.
- 4.1.1.3. As per FCC rules, this station must have a valid control operator present at the control point if operating beyond the license privileges of the participant using the station.
- 4.1.1.4. The maximum transmitter output power for the GOTA station shall be **150 watts**. If the primary Field Day group is claiming the QRP multiplier level of 5, the maximum transmitter output power of the GOTA station may not exceed 5 watts.
- 4.1.1.5. A maximum of **500 QSOs** made by this station may be claimed for credit by its primary Field Day operation. In addition, **bonus points** may be earned by this station under rule 7.3.13.
- 4.1.1.6. The GOTA station may operate on any Field Day band. Only one transmitted signal is allowed from the GOTA station at any time.
- 4.1.1.7. The GOTA station does not affect the additional VHF/UHF station provided for under Field Day Rule 4.1.2. for Class A stations.
- 4.1.1.8. Participants are reminded that non-licensed participants working under the direction of a valid control operator may only communicate with other W/VE stations or with stations in countries with which the US has entered a third-party agreement.
- 4.1.1.9. The GOTA station does not qualify as an additional transmitter when determining the number of transmitters eligible for the 100-point emergency power bonus under Rule 7.3.1.

4.1.2. Free VHF Station: All Class A entries may also operate one additional transmitter if it operates exclusively on any band or combination of bands above 50 MHz (VHF/UHF) without changing its basic entry classification. This station does not qualify for a 100-point bonus as an additional transmitter. This station may be operated for the clubs Field Day period and all contacts count for QSO credit. It is operated using the primary callsign and exchange of the main Field Day group and is separate and distinct from the GOTA station.

4.2. (Class A - Battery) Club / non-club portable: Club or non-club group of three or more persons set up specifically for Field Day. All contacts must be made using an output power of 5 Watts or less **and** the power source must be something other than commercial power mains or motor-driven generator (e.g.: batteries, solar cells, water-driven generator). Other provisions are the same for regular Class A. Class AB is eligible for a GOTA station if GOTA requirements are met; however if a GOTA station is used in this class it must meet the 5-Watt or less power requirement of this category.

4.3. (Class B) One or two person portable: A Field Day station set up and operated by no more than two persons. Other provisions are the same for Class A except it is not eligible for a GOTA or free VHF station. One and two person Class B entries will be listed separately.

4.4. (Class B - Battery) One or two person portable: A Field Day station set up and operated by no more than two persons. All contacts must be made using an output power of 5 Watts or less **and** the power source must be something other than commercial mains or motor-driven generator. Other provisions are the same for Class A except it is not eligible for a GOTA or free VHF station. One and two person Class B - Battery entries will be listed separately.

4.5. (Class C) Mobile: Stations in vehicles capable of operating while in motion and normally operated in this manner. This includes maritime and aeronautical mobile. If the Class C station is being powered from a car battery or alternator, it qualifies for emergency power but does not qualify for the multiplier of 5, as the alternator/battery system constitutes a motor-driven generating system.

4.6. (Class D) Home stations: Stations operating from permanent or licensed station locations using commercial power. Class D stations may only count contacts made with Class A, B, C, E and F Field Day stations.

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4.7. (Class E) Home stations - Emergency power: Same as Class D, but using emergency power for transmitters and receivers. Class E may work all Field Day stations.

4.8. (Class F) Emergency Operations Centers (EOC): An amateur radio station at an established EOC activated by a club or non-club group. Class F operation must take place at an established EOC site. Stations may utilize equipment and antennas temporarily or permanently installed at the EOC for the event. Entries will be reported according to number of transmitters in simultaneous operation. Class F stations are eligible for a free VHF station. At Class 2F they are also eligible for a GOTA station.

4.8.1. For Field Day purposes, an Emergency Operations Center (EOC) is defined as a facility established by:

- a)** a Federal, State, County, City or other Civil Government, agency or administrative entity; or,
- b)** a Chapter of a national or international served agency (such as American Red Cross or Salvation Army) with which your local group has an established operating arrangement;

4.8.1.1. A private company EOC does not qualify for Class F status unless approved by the ARRL Field Day Manager.

4.8.2. Planning of a Class F operation must take place in conjunction and cooperation with the staff of the EOC being activated.

4.8.3. Other provisions not covered are the same as Class A.

4.8.4. A Class F station may claim the emergency power bonus if emergency power is available at the EOC site.

4.8.4.1. The emergency power source must be tested during the Field Day period but you are not required to run the Class F operation under emergency power.

5. Exchange: Stations in ARRL / RAC sections will exchange their Field Day operating Class and ARRL / RAC section. Example: a three transmitter class A station in Connecticut which also has a GOTA station and the extra VHF station would send "3A CT" on CW or "3 Alpha Connecticut" on Phone. DX stations send operating class and the term DX (i.e. 2A DX).

6. Miscellaneous Rules:

6.1. A person may not contact for QSO credit any station from which they also participate.

6.2. A transmitter/receiver/transceiver used to contact one or more Field Day stations may not subsequently be used under any other callsign to participate in Field Day. Family stations are exempt provided the subsequent callsign used is issued to and used by a different family member.

6.3. Phone, CW and Digital (non-CW) modes on a band are considered as separate bands. A station may be worked only once per band under this rule.

6.4. All voice contacts are equivalent.

6.5. All non-CW digital contacts are equivalent.

6.6. Cross-band contacts are not permitted (Satellite QSOs cross-band contacts are exempted).

6.7. The use of more than one transmitter at the same time on a single band-mode is prohibited. Exception: a dedicated GOTA station may operate as prescribed in Rule 4.1.

6.8. No repeater contacts are allowed.

6.9. Batteries may be charged while in use. Except for Class D stations, the batteries must be charged from a power source other than commercial power mains. To claim the power multiplier of five, the batteries must be charged from something other than a motor driven generator or commercial mains.

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6.10. All stations for a single entry must be operated under one callsign, except when a dedicated GOTA station is operated as provided under Field Day Rule 4.1.1. it uses a single, separate callsign.

7. Scoring: Scores are based on the total number of QSO points times the power multiplier corresponding to the highest power level under which any contact was made during the Field Day period plus the bonus points.

7.1. QSO Points:

- 7.1.1. Phone contacts count one point each.
- 7.1.2. CW contacts count two points each.
- 7.1.3. Digital contacts count two points each.

7.2. Power multipliers: The power multiplier that applies is determined by the highest power output of any of the transmitters used during the Field Day operation.

- 7.2.1. If all contacts are made using a power of 5 Watts or less **and** if a power source other than commercial mains or motor-driven generator is used (batteries, solar cells, water-driven generator), the power multiplier is 5 (five).
- 7.2.2. If all contacts are made using a power of 5 Watts or less, but the power source is from a commercial main or from a motor-driven generator, the power multiplier is 2. If batteries are charged during the Field Day period using commercial mains or a motor-driven generator the power multiplier is 2 (two).
- 7.2.3. If any or all contacts are made using an output power up to 150 Watts or less, the power multiplier is 2 (two).
- 7.2.4. If any or all contacts are made using an output power greater than 150 Watts, the power multiplier is 1 (one).
- 7.2.5. The power multiplier for an entry is determined by the maximum output power used by any transmitter used to complete any contact during the event. (Example: a group has one QRP station running 3 Watts and a second station running 100 Watts, the power multiplier of 2 applies to all contacts made by the entire operation).

7.3. Bonus Points: All stations are eligible for certain bonus points, depending on their entry class. The following bonus points will be added to the score, after the multiplier is applied, to determine the final Field Day score. Bonus points will be applied only when the claim is made on the summary sheet and any proof required accompanies the entry or is received via email or normal mail delivery.

- 7.3.1. **100% Emergency Power:** 100 points per transmitter classification if all contacts are made only using an emergency power source up to a total of 20 transmitters (**maximum 2,000 points.**) **GOTA station and free VHF Station for Class A and F entries do not qualify for bonus point credit and should not be included in the club's transmitter total.** All transmitting equipment at the site must operate from a power source completely independent of the commercial power mains to qualify. (Example: a club operating 3 transmitters plus a GOTA station and using 100% emergency power receives 300 bonus points.) **Available to Classes A, B, C, E, and F.**
- 7.3.2. **Media Publicity:** 100 bonus points may be earned for attempting to obtain publicity from the local media. A copy of the press release, or a copy of the actual media publicity received (newspaper article, etc.) must be submitted to claim the points. **Available to all Classes.**
- 7.3.3. **Public Location:** 100 bonus points for physically locating the Field Day operation in a public place (i.e. shopping center, park, school campus, etc). The intent is for amateur radio to be on display to the public. **Available to Classes A, B and F.**
- 7.3.4. **Public Information Table:** 100 bonus points for a Public Information Table at the Field Day site. The purpose is to make appropriate handouts and information available to the visiting public at the site. A copy of a visitor's log, copies of club handouts or photos is sufficient evidence for claiming this bonus. **Available to Classes A, B and F.**
- 7.3.5. **Message Origination to Section Manager:** 100 bonus points for origination of a National Traffic System (NTS) style formal message to the ARRL Section Manager or Section Emergency Coordinator by your group from its site. You should include the club name, number of participants, Field Day location, and number of ARES operators involved with your station. The message must be transmitted during the Field Day period and a fully serviced copy of it must be included in your submission, in standard ARRL NTS format, or no credit will be given. The Section Manager message is separate from the messages handled in Rule 7.3.6. and may not be claimed for bonus points under that rule. **Available to all Classes.**
- 7.3.6. **Message Handling:** 10 points for each formal NTS style originated, relayed or received and delivered during the Field Day period, up to a maximum of 100 points (ten messages). Properly serviced copies of each message must be included with the Field Day report. **The message to the ARRL SM or SEC under Rule 7.3.5.**

does not count towards the total of 10 for this bonus. Available to all Classes. All NTS messages claimed for bonus points must leave or enter the site via amateur radio RF.

7.3.7. Satellite QSO: 100 bonus points for successfully completing at least one QSO via an amateur radio satellite during the Field Day period. "General Rules for All ARRL Contests" (Rule 3.7.2.), (the no-repeater QSO stipulation) is waived for satellite QSOs. Groups are allowed one dedicated satellite transmitter station without increasing their entry category. Satellite QSOs also count for regular QSO credit. Show them listed separately on the summary sheet as a separate "band." You do not receive an additional bonus for contacting different satellites, though the additional QSOs may be counted for QSO credit unless prohibited under Rule 7.3.7.1. The QSO must be between two Earth stations through a satellite. **Available to Classes A, B, and F.**

7.3.7.1 Stations are limited to one (1) completed QSO on any single channel FM satellite.

7.3.8. Alternate Power: 100 bonus points for Field Day groups making a minimum of five QSOs without using power from commercial mains or petroleum driven generator. This means an "alternate" energy source of power, such as solar, wind, methane or water. This includes batteries charged by natural means (not dry cells). The natural power transmitter counts as an additional transmitter. If you do not wish to increase your operating category, you should take one of your other transmitters off the air while the natural power transmitter is in operation. A separate list of natural power QSOs should be submitted with your entry. **Available to Classes A, B, E, and F.**

7.3.9. W1AW Bulletin: 100 bonus points for copying the special Field Day bulletin transmitted by W1AW (or K6KPH) during its operating schedule during the Field Day weekend (listed in this rules announcement). An accurate copy of the message is required to be included in your Field Day submission. (Note: The Field Day bulletin must be copied via amateur radio. It will not be included in Internet bulletins sent out from Headquarters and will not be posted to Internet BBS sites.) **Available to all Classes.**

7.3.10. Educational activity bonus: One (1) 100-point bonus may be claimed if your Field Day operation includes a specific educational-related activity. The activity can be diverse and must be related to amateur radio. It must be some type of formal activity. It can be repeated during the Field Day period but only one bonus is earned. For more information consult the FAQ in the complete Field Day packet. **Available to Classes A & F entries and available clubs or groups operating from a club station in class D and E with 3 or more participants.**

7.3.11. Site Visitation by an elected governmental official: One (1) 100-point bonus may be claimed if your Field Day site is visited by an elected government official as the result of an invitation issued by your group. **Available to all Classes.**

7.3.12. Site Visitation by a representative of an agency: One (1) 100-point bonus may be claimed if your Field Day site is visited by a representative of an agency served by ARES in your local community (American Red Cross, Salvation Army, local Emergency Management, law enforcement, etc.) as the result of an invitation issued by your group. ARRL officials (SM, SEC, DEC, EC, etc) do not qualify for this bonus. **Available to all Classes.**

7.3.13. GOTA Bonus. Class A and F stations operating a GOTA station may earn the following bonus points:

7.3.13.1. When a GOTA operator successfully completes 20 QSOs, they receive 20 bonus points. Upon reaching an additional 20 QSOs the same operator receives a second 20 bonus points, up to a maximum of 100 Bonus points per GOTA operator. An operator may make more than 100 QSOs but the QSOs over 100 do not qualify for an additional bonus.

7.3.13.1.1. Additional GOTA operators may earn the GOTA bonus points under this rule, up to the maximum of 500 bonus points. (Remember that there is a 500-QSO limit for the GOTA station. But no single GOTA operator may earn more than 100 of the GOTA bonus points except as provided in 7.3.13.2.)

7.3.13.1.2. A single GOTA operator must complete all 20 QSOs required before the bonus is earned. There is no "partial credit" for making only a portion of the 20 QSOs or "pooling" QSOs between operators.

7.3.13.2. If a GOTA station is supervised full-time by a GOTA Coach, the bonus points earned for each 20 QSOs completed under Rule 7.3.13.1. will be doubled.

7.3.13.2.1. The GOTA Coach supervises the operator of the station, doing such things as answering questions and talking them through contacts, but may not make QSOs or perform logging functions.

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7.3.13.2.2. To qualify for this bonus, there must be a designated GOTA Coach present and supervising the GOTA station at all times it is being operated.

7.3.14. Web submission: A 50-point bonus may be claimed by a group submitting their Field Day entry via the www.b4h.net/cabforms web site. **Available to all Classes.**

7.3.15. Field Day Youth Participation:

7.3.15.1. A 20-point bonus (maximum of 100) may be earned by any Class A, C, D, E, or F group for each participant age 18 or younger at your Field Day operation that completes at least one QSO.

7.3.15.2. For a 1-person Class B station, a 20-point bonus is earned if the operator is age 18 or younger. For a 2-person Class B station, a 20-point bonus is earned for each operator age 18 or younger (maximum of 40 points.) Keep in mind that Class B is only a 1 or 2 person operation. This bonus does not allow the total number of participants in Class B to exceed 1 or 2.

8. Reporting:

8.1. Entries may be submitted to the ARRL in one of three ways:

8.1.1. Via Field Day Web Submission Applet site at www.b4h.net/cabforms/ ;

8.1.2. Via email to fieldday@arrl.org ; or

8.1.3. Via land postal or delivery service to

Field Day Entries, 225 Main St, Newington, CT 06111.

8.2. Entries must be postmarked, emailed or submitted by July 29, 2014. Late entries cannot be accepted.

8.3. A complete Field Day Web Applet Submission site entry consists of:

8.3.1. An official ARRL summary sheet which is completed on the site;

8.3.2. Supporting information must be emailed to fieldday@arrl.org or submitted by land service. Supporting information must include:

8.3.2.1. An attached list of stations worked by band/mode during the Field Day period (dupe sheet or an alpha/numeric list sorted by band and mode); and

8.3.2.2. Proof of all bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc).

8.4. A complete non-applet email submission consists of:

8.4.1. An electronic copy of an ARRL summary sheet completely and accurately filled out;

8.4.2. An attached list of stations worked by band/mode during the Field Day period (dupe sheet or an alpha/numeric list sorted by band and mode); and

8.4.3. Proofs of bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc).

8.5. A complete land postal or delivery non-electronic submission consists of:

8.5.1. A complete and accurate ARRL summary sheet;

8.5.2. An accompanying list of stations worked by band/mode during the Field Day period (dupe sheet or an alpha/numeric list sorted by band and mode); and

8.5.3. Proofs of bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc).

8.6. Complete station logs are not required for submission. The club should maintain log files for one year in case they are requested by ARRL HQ.

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8.7. Cabrillo format log files are not required for Field Day entries. They will be accepted in lieu of the dupe sheets but do not substitute for a summary sheet.

8.8. Digital images of proof of bonus points are acceptable.

8.9. Electronic submissions are considered signed when submitted.

9. Miscellaneous:

9.1. The schedule of bulletin times for W1AW is included in this announcement. While W1AW does not have regular bulletins on weekends, the Field Day message will be sent according to the schedule included with this announcement. The W1AW bulletins will be transmitted on the regular W1AW frequencies listed in QST. The PSK31 bulletin will be transmitted on the W1AW teleprinter frequencies. The special Field Day bulletin will be transmitted from station K6KPH on the West Coast as included in the bulletin schedule.

9.2. See "General Rules for All ARRL Contests," "General Rules for All ARRL Contests on Bands Below 30 MHz," and "General Rules for All ARRL Contests on Bands Above 50 MHz" for additional rules (www.arrl.org/contest-rules) that may cover situations not covered in these Field Day rules. Decisions of the ARRL Awards Committee are final in adjudicating Field Day problems.

9.3. Remember that the national simplex FM calling frequency of 146.52 MHz should not be used for making Field Day contacts.

9.4. The complete Field Day information package may be obtained by:

9.4.1. Sending a SASE with 5 units of postage to: Field Day Information Package, ARRL, 225 Main St., Newington, CT 06111; or

9.4.2. By downloading from the Contest Branch home page at: www.arrl.org/field-day

9.5. For more Field Day information/questions contact: fdinfo@arrl.org or phone (860) 594-0232. (revised: January 2014)

