



The November 13th club meeting was held on the air by club President Denney N6HV used the Sulphur Mountain Repeater, on 145.200 MHz with a minus offset and a PL of 127.3 Hz. Thirteen members and guests checked in. After check-ins we discussed allowing Ham radio operators to join our club MeWe social website and voted approval to allow any Ham, regardless of location, to join. President Denney explained that he had canceled the December club get-together because of increasing restrictions from California Governor Gavin Newsom against social gatherings, etc. Finally, Denney mentioned that since we were unable to hold our December meeting so that we could establish a quorum and elect our board, he has asked that all current board members agree to maintain their positions until the time where we can meet face-to-face again and hold an election.

Normally our DecemberFest meeting is held at a local restaurant. However, due to COVID restrictions putting Ventura County into the "Purple Tier" (e.g. nearly all businesses have to keep indoor operations closed or severely limited), the dinner meeting will be held on the air by club President Denney N6HV, on December 11th, who will use the Sulphur Mountain Repeater, on 145.200 MHz with a minus offset and a PL of 127.3 Hz. After check-ins and discussing old and new club business, we will go over to the Zoom meeting for a get together, sharing the holiday spirit. Denney will announce any presentations, etc., in the upcoming weeks.

Message from the President

The Prez Sez,

I was cleaning the ham shack and I came across a pocket notebook from years ago. I started to throw the notebook away and then opened it to see if anything in it was worth saving. A great time waster, but in the middle of the notebook I found the entry for my first contact. I didn't own a transmitter yet and used a teacher's HW-17 in the preparation room at the junior college. It was connected to a simple wire dipole only a couple of feet off the roof of the building.

The rig was setting on a work bench and I had to stand at the bench. Try sending CW while standing after all your learning and practicing was done sitting. It was crystal controlled transmit and I had to tune the receiver around. On 15 meters I made contact with a new ham in St. Louis.

This holiday time bring back lots of memories, and my first contact is a found memory.

How do I know it's holiday time?

I have to badger my relatives for gift ideas when they tell me that all they want is a gift card.

I have to dig out over 1200 feet of extension cords to power all my Christmas lights.

My neighbor tells me, I have a have an Obsessive Christmas Decorating problem (OCD).

I have to con someone to climb to the top of the antenna tower and hang lights from the tip top of the mast.

The sun has been active. That means more DX and more stations to contact. It has nothing to do with the holidays. With a more active sun, we will have more solar flares, and the flares will wipe out the bands. Relax, a blackout caused by a solar flare usually last about an hour or less. Of course when the sun gets very active there can be one flare after another.

Jump into DXing, it's great.

What's next? A new year, a new peak in the solar cycle. Soon there will be new DX Expeditions to work. There will be new contests to try. A whole slew of new radios are going to be released. A whole year to make new friends on the air.

With improving DX, it's a good time to check out your antennas. A bad connection can hurt your signal. Think about taking the antennas down and cleaning them up. This can be a major undertaking, but it is worth it. Don't be shy and ask for help.

Club Officers	And Keyer	Contributors
President	Denney Pistole	N6HV
Vice-President	Clem Alberts	KM6OKZ
Secretary	Phil Cohen	WA6BUZ
Treasurer	John Gartman	W6JPG
Board Member	Stewart Stone	KG6BOV
Board Member	Robert Shank	KM6RSS
Board Member	Richard Abbey	WB6AEW
Photographer	Denney Pistole	N6HV
Facilities	Richard Abbey	WB6AEW
Keyer Editor	Robert Shank	KM6RSS
Webmaster	Robert Shank	KM6RSS
Domain	Phil Cohen	WA6BUZ
Membership	Bob Brodie	KJ6AAE
License Trustee	Stewart Stone	KG6BOV
QSL Manager	Ben Holmes	K6QV
Safety Officer	Bob Brodie	KJ6AAE
Local Area Net	Wayne Woodhams	N6WIX
ACS/ARES	Rob Hanson	W6RH
SB Section	John Kitchens	NS6X

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. Layout and logos are the property of The Ventura County Amateur Radio Club, K6MEP. The stories printed in this journal remain the property of the writers, without whom we would not have a publication. Permission to reprint articles should be obtained from the authors. Articles and photos from the ARRL are reproduced with permission. Material submitted for inclusion is encouraged. Submit material by email to KM6RSS@gmail.com. Our club mailing address is **K6MEP, PO Box 2103 Oxnard, CA 93034-2103**

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

Also it's a good time to think about a new antenna. It can be a homemade antenna. I started with dipoles and have found them to be good. But an 80 meter dipole is big, very big. A homemade dipole can be cheap, just a bit of wire, a couple of insulators, and some feed line. In the past, I've used bamboo from the neighbor yard, scrap 2 by 4's (sometimes cut length wise to make two by twos and cut with a hand saw back when I couldn't afford power tools), most anything lying around can be used to support a dipole.

and ask what antenna works and what have been the experiences of other operators. There's a world of antennas out there, and about as many antenna opinions.

This holiday season, turn your radio on and make a call. You may get static or someone could come back. Just don't tell them how great the weather is here, after weeks of cold, freezing rain, and snow, up in the north or east coast, they might move next door.

You don't have to go it alone. Get on the Monday night net or the zoom get together

73 and have a great holiday. Denney
N6HV



K6MEP Monday Night Net Contest Status by Clem KM6OKZ

I have, for the last few weeks, been contending with a nagging HF “I can’t get an SWR match” problem. As of this writing, it has not been resolved. Nevertheless, I thought it might be interesting to share what progress has been made in the hopes that somebody else may profit from my misery. And with that prelude, I will start by saying that I can achieve a good external autotuner match on 20 meters, a barely acceptable match on 40 meters and sadly, no match at all on 80 meters. Hmm; consider that the cost of a shiny new manual autotuner can range from between a few hundred dollars to about a thousand dollars. So could it be that perhaps not all tuners are created equal? With that rationale in mind I tried swapping out the autotuner with several different brands and vintages of manual tuners. None seemed capable of performing significantly different than the original autotuner had. Taking the tuner factor out of the equation left me with no alternative other than to conclude that the problem must lay with the antenna... and as a consequence, the dreaded prospect of a foolhardy septuagenarian scrambling up a rickety ladder and precariously crawling up onto a second story roof. But... that is harrowing grist for another day’s story... assuming one survives to tell the tale. For now, let’s retrace our steps back to the point in my story where I was, in futility, swapping out all those manual tuners. I had obviously wondered whether different tuners might possess different characteristics, capabilities as concerns span or range, and if they did, how could I characterize them? In what alcoholics refer to as a “moment of clarity” it suddenly occurred to me that I could do so by the simple expedient of connecting a subject to be so scrutinized autotuner to a VNA with a tracking generator. Sounds complicated, but it is not. I am aware that some folks have acquired one of those cool stocking stuffer NanoVNA’s... and are just itching to find some new use for them. That being case; know that the experience of connecting a manual tuner to a VNA can be quite enlightening. The setup allows one to intuitively fiddle with a tuner’s inductive and capacitive reactance... and to absolutely delight in actually observing a direct, real time visual representation of its effect as regards frequency, Q (and hence sensitivity), impedance... and most importantly; range or span of tuner adjustment, in a much more informative, intuitive and satisfying manner than can be achieved with a dual needle SWR bridge meter. My end-of-the-day takeaway from all this is that tuners, be they manual or automatic, internal or external, are by no means created equal... which probably explains the tremendous price point difference in external manual tuners. As the adage goes; you get what you pay for... and conversely, what you didn’t pay for. Fortunately for us and regardless of whether the tuner is internal or external, auto or manual, brass plated or solid gold; most “modern” transmitters incorporate high SWR circuitry detection to protect themselves against the ravages of a catastrophic mismatch... be it caused by a corroded component or operator age corrosion-related ineptitude. As for my antenna mismatch problem... it remains... for now. To be continued... As of Monday, November 30, 2020 there has been 828 total check-ins with an average of 17.6 check-ins per session. Dave AI6VX and Robert KM6RSS are leading with 47 check-ins, each. Burt KA6BJA has 45 check-ins, followed by Rod KA6GSU, Stewart KG6BOV and Clem KM6OKZ with 44 check-ins, each. Denney N6HV is continuing to work on his EME antenna complex. After the net, many of us join our Zoom meeting where we socialize without wearing masks. (Cont. on page 5)

K6MEP Monday Night Net Contest Status by Clem KM6OKZ (Cont. from page 4)

Several members showed and/or talked about their gadgets (see Clem's, below) and checked to see who also has the same one. Everyone (members and guests) is always welcome to join the Zoom meeting and Denney posts the URL on our K6MEP.groups.io. 73, Clem KM6OKZ Club V.P.



Selected December 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.

Objective: For Amateurs worldwide to exchange information with W/VE amateurs on 160-meter CW.

DX-to-DX QSOs do not count for contest credit. Stations located in overseas and non-contiguous U.S. Territories may be worked by DX stations. This includes Alaska KL7, the Caribbean US possessions KP1-KP5, and all of the Pacific Ocean territories KH0-KH9, including Hawaii KH6. These stations can work BOTH domestic stations (US and VE) as well as DX stations around the world.

Make sure your logging software is up to date before the contest to be sure it will accept these QSOs.

Dates:

Starts 2200 UTC Friday, ends 1559 UTC Sunday (**December 4-6, 2020**). This is a forty-two hour period with no time limitation.

Contest rules are now maintained as a single downloadable document (see below).

For contest information contact contests@arrl.org or (860) 594-0232

Objective: For Amateurs worldwide to exchange QSO information with as many stations as possible on the 10 meter band.

Dates:

Second full weekend of December. Starts 0000 UTC Saturday; runs through 2359 UTC Sunday (**December 12-13, 2020**)

Contest rules are now maintained as a single downloadable document (see below).

For contest information contact contests@arrl.org or (860) 594-0232



Sunday, December 20, 2020, using CW

Mission: To encourage newly-licensed operators ("Rookies") in North America (including territories and possessions) to operate on the HF bands and experience competitive Amateur Radio operating. Experienced operators ("Non-Rookies") are strongly encouraged to participate and help new operators – either on the air or in person.

Objective: Rookies exchange information with as many other stations as possible on the 80, 40, 20, 15, and 10 meter HF bands. Rookie entrants are encouraged to read "[*HF Contesting – Good Practices, Interpretations and Suggestions.*](#)"

Modes and Power-

December - CW. All participants are limited to **no more than 100 watts PEP output.**

Bruce Draper, AA5B, aa5b.corral@gmail.com

Contest Corral

December 2020

Check for updates and a downloadable PDF version online at www.arrl.org/contest-calendar.
Refer to the contest websites for full rules, scoring information, operating periods or time limits, and log submission information.

Start - Finish Date-Time	Date-Time	Bands	Contest Name	Mode	Exchange	Sponsor's Website
1 0300	1 0400	1.8-28	QCX Challenge	CW	RST, name, SPC, rg	qrp-labs.com/party.html
2 1700	2 2000	144	VHF-UHF FT8 Activity Contest	Dig	4-char grid square	ft8activity.eu/index.php/en
3 0000	3 0300	1.8	QRP ARC Topband Sprint	CW	RST, SPC, mbr or power	qrp-arc.org/contests
3 1800	3 2200	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	www.nrau.net
3 2000	3 2200	1.8-50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or power	www.skccgroup.com
4 2200	6 1600	1.8	ARRL 150-Meter Contest	CW	WVE RST + ARRL/RAC Section, DX, RST	www.arrl.org/150-meter
5 0500	6 1000	3.5-28	UFT Meeting	CW	RST, mbr or "NM"	www.uft.net
5 0600	5 0800	7, 14	Wake-Up! QRP Sprint	CW	RST, serial, suffix of previous QSO	qrp.ru/contest/wakeup
5 1200	6 1159	3.5-28	PRO CW Contest	CW	RST, serial, "M" if member	www.procontestclub.ro
5 1800	6 2359	3.5-28	FT Roundup	Dig	RST, SP or serial	rttycontesting.com
5 2000	6 1959	3.5-28	EPC Ukraine DX Contest	Dig	RSQ, Ukraine region or serial	epc-ukraine.ucoz.com
8 0200	8 0400	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqrp.blogspot.com
9 0130	9 0330	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
9 1700	9 2000	432	VHF-UHF FT8 Activity Contest	Dg	4-char grid square	ft8activity.eu/index.php/en
12 0000	13 2359	28	ARRL 10-Meter Contest	CW Ph	WV/VE: RS(T), state or province; DX: RS(T), serial, MM; RST, (ITU) region	www.arrl.org/10-meter
12 0000	14 2359	1.8-7	PODXS 070 Club Triple Play Low Band Sprint	Dig	RST, SPC	www.podxs070.com
12 0600	13 1800	3.5-28	TRC Dig Contest	Dig	RST, serial, "TRC" if member	trcdx.org/rules-trc-digi
12 1200	13 2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
12 1600	13 1559	3.5-28	International Naval Contest	CW Ph	RS(T), Naval club and mbr (or serial for non-members)	www.mars.org.uk
13 2000	13 2300	1.8-28	QRP ARC Holiday Spirits Homebrew Sprint	CW	RST, SPC, mbr or power	qrp-arc.org/contests
13 2100	13 2259	14	COC Great Colorado Snowshoe Run	CW	RST, SPC	www.coloradoqrpclub.org
14 0100	14 0300	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	www.4sqrp.com
16 0130	16 0330	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
18 1600	18 1700	3.5, 7	AGB-Party Contest	CW Ph Dig	RS(T), serial, mbr (if a member)	ev5agb.com/contest/agb_party.htm
18 2000	18 2359	1.8	Russian 150-Meter Contest	CW Ph	RS(T), oblast code or serial	qrz.ru/contest/detail/90.html
19 0000	19 2359	1.8-50	Field Hell Sprint	Dig	RST, mbr, SPC, grid	sites.google.com/site/fieldhellclub
19 0000	19 2359	3.5-28	OK DX RTTY Contest	Dig	RST, CQ zone	okrtty.crk.cz
19 0000	19 2359	1.8-144	RAC Writer Contest	CW Ph	RS(T), VE province/territory or serial	wp.rac.ca/rac-canada-winter-contest-rules
19 1400	20 1400	1.8-28	Croatian CW Contest	CW	RST, serial	9acw.org/index.php/rules
20 1800	20 2359	3.5-28	ARRL Rookie Roundup, CW	CW	Name, 2-digit year first license, SPC	www.arrl.org/rookie-roundup
20 2300	21 0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrpcontest.com/pigrun
23 0000	23 0200	1.8-28	SKCC Sprint	CW	RST, SPC, name, mbr or power	www.skccgroup.com
26 0000	26 2359	3.5-28	Gedebage CW Contest	CW	RST, serial	okb.or.id
26 0830	26 1059	3.5, 7	DARC Christmas Contest	CW Ph	RS(T), DOK or serial	darc.de/der-club/referate/contest/weihnachtswettbewerb/en
26 1500	27 1500	1.8	Stew Perry Topband Challenge	CW	4-character grid square	www.kkn.net/stew
27 0000	27 1159	3.5-28	RAEM Contest	CW	Serial, latitude, longitude (e.g. 57N 85W)	raem.srr.rulen/main
31 0900	31 2359	3.5, 7	Bogor Old and New Contest	Ph	RS, operator age	www.orari-bogor.org/rule

There are a number of weekly contests not included in the table above. For more info, visit: www.qrpfoxhunt.org, www.ncccsprint.com, and www.cwops.org. All dates refer to UTC and may be different from calendar dates in North America. Contests are not conducted on the 60-, 30-, 17-, or 12-meter bands. Mbr = Membership number. Serial = Sequential number of the contact. SPC = State, Province, DXCC Entity, XE = Mexican state. Listings in blue indicate contests sponsored by ARRL or NCJ. The latest time to make a valid contest QSO is the minute listed in the "Finish Time" column. Data for Contest Corral is maintained on the WA7BNM Contest Calendar at www.contestcalendar.com and is extracted for publication in QST 2 months prior to the month of the contest. ARRL gratefully acknowledges the support of Bruce Horn, WA7BNM, in providing this service.

Available Gear

Denney N6HV: One roll, 250 feet 14/2 clear speaker wire \$30.00, [new, still in wrapper, old stock]. Various rolls of wire, big rolls; 8 gauge, shielded single pair and other gauges, good prices. Three-quarter-inch wide, flat, heavy, copper-braid, \$1.00/ft; great for grounding.

Items Given to the Club for Donations: Multimeter, Micronta brand \$5.00. HP 1706A oscilloscope, as is, \$50. Various lengths of Ethernet cables, \$0.25 each. Radio Shack Power Supply, 13.8 volt at 3 amps, \$3.00. Swing arm desk lamp includes light bulb and other various items; \$5.00 to \$25.00. Vacuum tubes donated by Scott Vilander with delivery by Dave A16VX. Kenwood TL-922A Linear Amplifier AS IS: All items as shown below: Contact Denney for price.

Yaesu FT-4 and accessories for sale
 Please contact Kenney
 kenney@arrl.net



Free the WTB0 Donations
 Yaesu VR 2B HT Dual Band Control chip antenna
 IC charger manual
 3 HT Dual Band Rubber Duck antenna
 4 external speaker kit mag mount
 Magnesium antenna for mobile HF antenna
 Antenna Handbook Tag Out Band lengths
 Please contact Stewart KG8BOV
 kg8bov@arrl.net



Equipment Tech and Operator Manuals

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

Stewart
 KG8BOV@arrl.net



November 13th Club Meeting Minutes (submitted by President Denney N6HV)

We had 13 check-ins to the On-the-Air club meeting.

Old Business

There has been a request to join the club's MeWe site by someone who is not in the area. It was moved and seconded that non-members and people living outside the area be allowed to join the MeWe site. This is to promote the site as a social outreach website.

The motion passed.

New business

We discussed the Christmas meeting. The discussion centered around having pizza at home and saying hello to everyone on Zoom.

Steve WA6EJO talked about working the Sweep States contest the previous weekend. He used vertical antennas. Using a common base for the vertical antenna, he connected a copper pipe, 125 inches high for use on 15 meters and unplugged that and connected a copper pipe 202.5 inches high to use on 20 meters. He replaced that with Diamond brand mobile whips for 40 and 80 meters.

There was some discussion about static field detectors. That led to a discussion of Planimeters. Planimeters were devices for finding the square footage of an irregular bounded area. You use the device while surveying the boundary of the area of interest. They were used from the 1800s to recent times. From there the discussion turned to slip sticks or slide rules.

Safety Note: One of our members reported that he fell off the roof of his house while working on his antenna. Be careful and ask for help even in this time of social distancing. Besides, it's really helpful to have someone to go run and get a tool when you're at the top of a tall ladder.
Denney N6HV



Upcoming FCC Exam Session Preparation (Physical Location)

Sites (As per listing on ARRL; None scheduled within 250 mi of 93001 in December)

ON EXAM DAY BRING THE FOLLOWING ITEMS (When COVID restrictions are lifted):

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



Upcoming FCC Exam Test (Due to the Coronavirus outbreak, please **verify** with your **VE** team that the exam session is being held.)

GLAARG is offering remote testing; see <https://glaarg.org/remote-sessions/> for details)

Pine Mountain Club CA 93222

12/05/2020

Sponsor: Pine Mountain ARC

Date: Dec 05 2020

Time: 12:00 PM (No Walk-ins / Register or Call ahead)

Contact: Donald Quick
(818) 383-2624

Email: clearskies001@gmail.com

VEC: ARRL/VEC

Location: Pine Mountain Club
2524 Beechwood Way
Pre-Register
Pine Mountain Club CA 93222

Van Nuys CA 91405-4542

12/05/2020

Sponsor: ARES LAX

Date: Dec 05 2020

Time: 11:00 AM (Walk-ins allowed)

Contact: James W. Laage
(818) 368-8710

Email: cllaage@verizon.net

VEC: ARRL/VEC

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

Calabasas CA 91302

12/13/2020

Sponsor: WB^OHW

Date: Dec 13 2020

Time: 10:00 AM (No Walk-ins / Register or Call ahead)

Contact:
(818) 222-7013

VEC: Greater LA VEC

Location: On Line Exams Tools

On Line

<http://hamstudy.org/session>

Calabasas CA 91302

Thousand Oaks CA 91360-6861

12/13/2020 (**CANCELLED**)

Sponsor: Conejo Valley ARC

Date: Dec 13 2020

Time: 8:30 AM (No Walk-ins / Register or Call ahead)

Contact: Andrew G. Ludlum
(818) 370-3402

Email: K6AGL@cvarc.org

VEC: ARRL/VEC

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

Calabasas CA 91302

12/27/2020

Sponsor: WB^OHW

Date: Dec 27 2020

Time: 10:00 AM (No Walk-ins / Register or Call ahead)

Contact:
(818) 222-7013

VEC: Greater LA VEC

Location: On Line Exams Tools

On Line

<http://hamstudy.org/session>

Calabasas CA 91302

Trivia for December 2020

Did you know???

1. 33% of young Americans have never seen a cow in person and up close?
2. Baby hedgehogs are called hoglets?
3. There are about 1.1 million legal drones flying over the United States?

Have a merry Christmas

DE

Dana

kg6wx

Calendar December 2020

1: ACS/ARES Tuesday Night Net

7: K6MEP Monday Night Net (last net contest night)

8: ACS/ARES Tuesday Night Net

11: DecemberFest Club Meeting at 1900 (held on the Sulphur Mountain repeater, on 145.200 MHz with a minus offset and a PL of 127.3 Hz). Zoom video meeting at 19:30

14: K6MEP Monday Night Net

15: ACS/ARES Tuesday Night Net

21: K6MEP Monday Night Net

22: ACS/ARES Tuesday Night Net

25: Christmas

28: K6MEP Monday Night Net

29: ACS/ARES Tuesday Night Net

(Repeated from the CVARC website). The wildly successful “Auxiliary Bored Meetings” will continue on a new schedule beginning Monday, June 29, 2020. The informal nets have been running four times daily on the Bozo repeater. Over 7,500 calls from 275 unique hams have been logged on the nets. Under the new schedule, the net will be called to order at 9 A.M. Monday through Saturday. The Saturday morning net will run 9 A.M. to noon with a swap and the repeater will link with Paul Strauss’ (WD6EBY) repeater network for full Ventura County coverage. Starting July 11, 2020, there will be a second Saturday net at 9 P.M.

The Bozo Repeater operates with the following settings:

Frequency: 147.885 MHz

Offset: –

PL: 127.3

Stu AG6AG

<http://www.cvarc.org/event/auxiliary-bored-meetings-on-bozo-2/all/>



K6MEP Monday Night Net Script

QST- QST- QST. This is _____ (Name) _____ (Call Sign), with the Ventura County Amateur Radio Club Net. If there is any station with EMERGENCY or PRIORITY Traffic that needs the immediate use of this frequency, please come now.

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

This is a directed net, open to all amateur radio operators and is sponsored by K6MEP, the call sign for VCARC. This net begins each Monday evening at 20:00 local time on the WD6EBY linked repeater system.

The primary frequency of this net is 145.200 MHz with a minus offset and a PL of 127.3 Hz. If the repeater should fail for any reason, we can use South Mtn. repeater on 146.385 MHz with a positive offset and a PL of 127.3 Hz as backup.

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

A roundtable will follow the check-ins. A rag chew session may follow the formal net.

K6MEP, the Ventura County Amateur Radio Club, meets at 19:30 hours on the second Friday of each month at The Dudley House, 197 N Ashwood Ave, Ventura, CA. However, due to government health restrictions, we meet "virtually" on 145.200 MHz with a minus offset and a PL of 127.3 Hz followed by a Zoom meeting afterwards. The next virtual meeting date is Friday _____ (insert date). We urge any non-members interested in the VCARC to contact us at K6MEP@qsl.net. Non-members interested in amateur radio are welcome to attend our meetings. When you check-in, please give your call sign, name and if you are a VCARC member. If you are not a member of the club, please include your QTH or location.

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

Any last comments? ***** Any late, missed, or visitor check-ins?

Please check-in now.

Hearing no new check-ins does anyone have anything else they would like to add to tonight's net?
Hearing none;

(Closing): This concludes the VCARC weekly net at _____ hours. Thank you for your interest and participation. Also thanks to Paul Strauss, WD6EBY, for the use of the repeater for our K6MEP net. 73, this is _____ call sign), tonight's VCARC net control, signing off.

Eric Casey, KC2ERC, ecasey@arrl.org; www.arrl.org/hamfests-and-conventions-calendar

Convention and Hamfest Calendar

A = AUCTION
D = DEALERS / VENDORS
F = FLEA MARKET
H = HANDICAP ACCESS
Q = FIELD CHECKING OF QSL CARDS
R = REFRESHMENTS
S = SEMINARS / PRESENTATIONS
T = TAILGATING
V = VE SESSIONS

Abbreviations
Spr = Sponsor
Tl = Talk-in frequency
Adm = Admission

NEW YORK CITY — LONG ISLAND SECTION CONVENTION

January 9, Brookville, NY

7:30 AM, forums start at 9 AM. Spr: Ham Radio University ARC. Ham Radio University, Virtual Hamfest. Adm: Free. www.hamradiouniversity.org

Wisconsin (Racine) — Jan. 9 F H R S V

8 AM – 1 PM. Spr: West Allis RAC. EAA Chapter 838 Hangar and Museum, 3333 N. Green Bay Rd. Tl: 147.4+600 (127.3 Hz). Adm: Advance \$6, door \$7. www.warac.org/sawp/index.htm

WEST CENTRAL FLORIDA SECTION CONVENTION

December 11 – 12, Plant City, FL

D F H Q R S T V

Friday 1 – 6 PM, Saturday 8 AM – 4 PM. Spr: Florida Gulf Coast ARC. Florida Strawberry Festival Grounds, Expo Building, 301 Berryfest St. Tampa Bay Hamfest. Adm: Advance \$9, door \$10. www.tampabayhamfest.com

Maryland (Cheltenham) — Dec. 12 D F H R T V

8:30 AM – noon. Spr: American Legion and Prince George's ERA. American Legion Youth Camp, 9201 Surratts Rd. Tl: 145.23 (110.9 Hz). Adm: \$6. www.pgares.org

New York (Marathon) — Jan. 9 F H R V

7 AM – noon. Spr: Skyline ARC of Cortland, NY. Marathon NY Civic Center, 16 Brink St. Tl: 147.18 (71.9 Hz). Adm: \$5. www.skylineradioclub.org

To All Event Sponsors

Before making a final decision on a date for your event, you are encouraged to check the Hamfest and Convention Database (www.arrl.org/hamfests-and-conventions-calendar) for events that may already be scheduled in your area on that date. See www.arrl.org/hamfest-convention-application for an online registration form.

The deadline for receipt of items for this column is the **1st of the second month preceding publication date**. For example, your information must arrive at HQ by **October 1** to be listed in the **December** issue.

ARRL VEC Volunteer Examiner Honor Roll

The ARRL VEC Honor Roll recognizes the top five Volunteer Examiners in each ARRL Division according to the total number of ARRL exam sessions in which they have participated since their accreditations. Considering each session requires an average time commitment of 2 to 4 hours or more, the thousands of hours these VEs have invested represent extraordinary dedication! Whether you are one of our VE Teams that tests once a week, once a month, or once a year, we want to express our warmest appreciation to all volunteers for your generous contribution to the ARRL VEC program.

If you are an ARRL VE, you can view your session stats online at www.arrl.org/ve-session-counts.
If you are not a VE, become one today! See www.arrl.org/become-an-arrl-ve.



Examiner	Sessions	Accreditation Date	Examiner	Sessions	Accreditation Date	Examiner	Sessions	Accreditation Date
Atlantic			Hudson			Roanoke		
Jobst Vandrey, AC0LP	324	23-Jun-08	Paul Maytan, AC2T	671	06-Sep-84	Judy Friel, AC4RG	289	01-Feb-91
James McCloskey, NS3K	320	14-Nov-94	Stanley Rothman, WA2NRV	462	01-Mar-85	Alan Ronald Moeck, WA2RPX	264	27-Sep-94
Edward Genoino, WA2NDA	298	10-Jul-85	E. Drew Moore, W2OUJ	448	01-Aug-90	David Snyder, W4SAR	249	01-May-93
George Brechmann, N3HBT	280	01-Apr-91	Fritz Boigins, KB2O	428	26-Oct-84	Shella Frank, KT4YW	221	30-Oct-96
William Klapsat, Jr., WB2AIV	215	09-Jun-99	Gerald Miller, Jr., AA2ZJ	402	05-Dec-95	Terry Sanner, W8V	217	06-Sep-84
Central			Midwest			Rocky Mountain		
Ed Wagner, AB9FN	351	01-Jul-02	David Bartholomew, AB0TO	725	22-Mar-02	Robert Hamilton, N0PN	389	19-May-87
Allan Bukowski, NS2D	319	01-Jun-92	Kevin Naumann, N0WDG	637	17-Nov-02	David Avery, N0HEQ	301	13-Jan-88
Eldon Boehm, NK9J	316	21-Nov-86	Harry Steger, Jr., W0HMS	562	26-Aug-08	Jeffrey Weinberg, W000	299	01-Apr-93
Donald Hirsky, N9JZJ	306	01-Mar-91	Roland Kramer, W0RL	527	21-Jun-01	Donald Baune, AC0EX	259	19-Sep-06
Timothy Pechtold, AA9BV	277	01-Nov-92	Jeanette Nordman, AB0YX	460	21-Aug-03	David Sharpe, K0HG	257	02-Feb-98
Dakota			New England			Southeastern		
John Schwarz, Jr., AE0AL	309	26-Oct-94	Bob Phinney, K5TEC	801	20-Jan-14	*Gary Lee Pike, KA4KBX	1,507	03-Sep-09
Jeffrey Goodnuff, W0KF	308	17-Jun-03	Paul Lux, K1PL	422	25-Jan-85	Collin Pike, KJ4XB	851	26-Apr-11
Shep Shepardson, N0NMZ	255	12-Mar-01	Robert Beaudet, W1YRC	388	01-Aug-90	Anna Grogan Pike, KD4PCU	773	18-Aug-09
Daniel Royce, KE0OR	239	01-Jul-91	Bruce Anderson, W1LUS	340	11-Feb-88	Justin Lee Pike, KJ4XF	773	12-Nov-12
Dennis Ackerman, KB0OOQ	221	15-Jul-96	Lawrence Polowy, KU1L	338	02-Jan-85	Ryan Krenzschek, W4NTR	761	04-Jan-13
Delta			Northwestern			Southwestern		
Arthur Parry, Jr., WB4BGX	269	01-May-91	Richard Morgan, KD7GIE	450	11-Aug-00	Bill Martin, AI0D	1,063	01-Nov-84
Joe Lowenthal, WA4OVO	252	25-May-06	Loren Hole, K07M	381	06-Sep-84	Fred Bollinger, AB7JF	538	17-Apr-95
Roger Gray, N6QS	233	01-Mar-93	George Pitkas, N7TQZ	302	01-Dec-92	David Mornil, N7TWT	438	20-Jul-00
Bobbie Williams, W1BEW	222	01-Jun-92	S. Riley McLean, W7RIL	301	02-Sep-99	Bruce Ziemienski, WA6BZ	321	25-Mar-02
Dawn Gray, NSQT	215	01-Mar-93	David Brooks, N7HT	300	10-Jun-87	Richard Buck, KC7OCT	312	21-May-97
Great Lakes			Pacific			West Gulf		
Charles Hall, W8HF	286	01-Jun-92	Morris Jones, AD6ZH	482	27-Nov-01	Franz Laugermann, K3FL	1,044	01-Dec-91
David Potter, KE0CHG	261	03-Jun-20	Dieter Stussy, KD6LWV	420	27-Jan-94	Gerald Grant, WBSR	483	04-Jan-85
Archie Mack, Sr., AF4EB	228	19-Aug-97	Gordon Fuller, WB6OVH	351	06-Sep-84	Adolph Chris Koehler, K5VCR	474	29-Sep-95
Dale Pritchett, KC8JUL	223	26-Mar-98	Bill Nichols, NN7K	333	01-Sep-93	Wilbert Cannonier, KKSJJ	469	03-Nov-95
Christian Anderson, Sr., KBVJ	220	09-Feb-90	Jim Brunk, N6BHX	285	13-Jul-95	Daniel Quigley, N7HQ	468	24-Apr-20

*Congratulations to Gary Lee Pike, KA4KBX, from Roanoke, Alabama (Southeastern Division), the third VE to reach 1,000 session participation!

COVID-19 Convention and Hamfest Cancellations (some still listed as occurring) For more ARRL COVID-19 information see <http://www.arrl.org/arrl-news-coronavirus-covid-19>



HAMFEST/CONVENTION
12/05/2020 - CANCELED - Superstition SuperFest 2020
Location: Mesa, AZ
Type: ARRL Hamfest
Sponsor: Superstition Amateur Radio Club
Website: <https://superstitionsuperfest.org>
[Learn More](#)



HAMFEST/CONVENTION
12/05/2020 - CANCELED - Winterfest 2020
Location: Delta, OH
Type: ARRL Hamfest
Sponsor: Fulton County Amateur Radio Club
Website: <http://k8bxq.org/hamfest>
[Learn More](#)



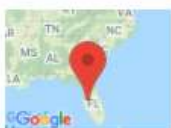
HAMFEST/CONVENTION
12/05/2020 - Enid Hamfest 2020
Location: Enid, OK
Type: ARRL Hamfest
Sponsor: Enid Hamfest 2020
Website: <http://EnidARC.org>
[Learn More](#)



HAMFEST/CONVENTION
12/05/2020 - Silver Springs Radio Club 2020 Hamfest
Location: OCALA, FL
Type: ARRL Hamfest
Sponsor: Silver Springs Radio Club
Website: <http://k4gso.us>
[Learn More](#)



HAMFEST/CONVENTION
12/06/2020 - CANCELED - LCARC Amateur Radio SwapHamfest
Location: Madison Heights, MI
Type: ARRL Hamfest
Sponsor: L'Anse Creuse Amateur Radio Club
Website: <http://www.n8lc.org>
[Learn More](#)



HAMFEST/CONVENTION
12/11/2020 - 12/12/2020 Tampa Bay Hamfest, ARRL Florida State Convention
Location: Plant City, FL
Type: ARRL Convention
Sponsor: Florida Gulf Coast Amateur Radio Council
Website: <http://www.tampabayhamfest.com>
[Learn More](#)



HAMFEST/CONVENTION
12/12/2020 - CANCELED - SantaFest
Location: Cheltenham, MD
Type: ARRL Hamfest
Sponsor: American Legion and Prince George's County
Emergency Radio Association
Website: <http://www.pgares.org/>
[Learn More](#)

Emergency and Volunteer Training

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

Red Cross Courses

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

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

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

Course schedule and descriptions:

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

http://www.arcventura.org/contact_us.html

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

Scheduled Red Cross Classes

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

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



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

- IS-5.a [An Introduction to Hazardous Materials](#) - (10/31/2013)
- IS-10.a [Animals in Disasters: Awareness and Preparedness](#) - (10/2/2015)
- IS-11.a [Animals in Disasters: Community Planning](#) - (10/2/2015)
- IS-15.b [Special Events Contingency Planning for Public Safety Agencies](#) - (10/31/2013)
- IS-20.19 [Diversity Awareness Course 2019](#) - (1/30/2019)
- IS-21.17 [Civil Rights and FEMA Disaster Assistance](#) - (1/25/2017))
- IS-26 [Guide to Points of Distribution](#) - (8/11/2010)
- IS-27 [Orientation to FEMA Logistics](#) - (10/31/2013)
- IS-29 [Public Information Officer Awareness](#) - (10/31/2013)
- IS-33.19 [FEMA Initial Ethics Orientation 2019](#) - (1/30/2019)
- IS-35.19 [FEMA Safety Orientation 2019](#) - (1/30/2019)
- IS-36 [Multi-hazard Planning for Childcare](#) - (10/31/2013)
- IS-42 [Social Media in Emergency Management](#) - (10/31/2013)
- IS-75 [Military Resources in Emergency Management](#) - (2/25/2011)
- IS-100.b [Introduction to Incident Command System, ICS-100](#) - (10/31/2013)
- IS-111.a [Livestock in Disasters](#) - (10/31/2013)
- IS-144 [Telecommunicators Emergency Response Taskforce \(TERT\) Basic Course](#) - (10/31/2013)
- IS-162 [Hazard Mitigation Floodplain Management in Disaster Operations](#) - (11/16/2016)
- IS-200.b [ICS for Single Resources and Initial Action Incidents](#) - (10/31/2013)
- IS-230.d [Fundamentals of Emergency Management](#) - (12/16/2013)
- IS-235.c [Emergency Planning](#) - (12/15/2015)
- IS-240.b [Leadership and Influence](#) - (6/16/2014)
- IS-241.b [Decision Making and Problem Solving](#) - (3/31/2014)
- IS-242.b [Effective Communication](#) - (3/31/2014)
- IS-244.b [Developing and Managing Volunteers](#) - (3/29/2013)
- IS-250.a [Emergency Support Function 15 \(ESF15\) External Affairs: A New Approach to Emergency Communication and Information Distribution](#) - (5/7/2012)
- IS-271.a [Anticipating Hazardous Weather & Community Risk, 2nd Edition](#) - (10/31/2013)
- IS-288.a [The Role of Voluntary Organizations in Emergency Management](#) - (2/12/2015)
- IS-315 [CERT Supplemental Training: The Incident Command System](#) - (8/13/2013)
- IS-317 [Introduction to Community Emergency Response Teams](#) - (6/26/2014)
- IS-320 [Wildfire Mitigation Basics for Mitigation Staff](#) - (10/31/2013)
- IS-322 [Flood Mitigation Basics for Mitigation Staff](#) - (10/31/2013)
- IS-323 [Earthquake Mitigation Basics for Mitigation Staff](#) - (10/31/2013)
- IS-325 [Earthquake Basics: Science, Risk, and Mitigation](#) - (10/31/2013)
- IS-326 [Community Tsunami Preparedness](#) - (10/31/2013)

- IS-366.a [Planning for the Needs of Children in Disasters](#) - (12/9/2015)
- IS-368 [Including People With Disabilities & Others With Access & Functional Needs in Disaster Operations](#) - (2/20/2014)
- IS-393.a [Introduction to Hazard Mitigation](#) - (10/31/2013)
- IS-405 [Overview of Mass Care/Emergency Assistance](#) - (12/10/2013)
- IS-454 [Fundamentals of Risk Management](#) - (10/31/2013)
- IS-546.a [Continuity of Operations Awareness Course](#) - (10/31/2013)
- IS-547.a [Introduction to Continuity of Operations](#) - (10/31/2013)
- IS-559 [Local Damage Assessment](#) - (10/31/2013)
- IS-700.b [An Introduction to the National Incident Management System](#) - (6/25/2018)
- IS-775 [EOC Management and Operations](#) - (8/6/2008)
- IS-800.b [National Response Framework, An Introduction](#) - (1/20/2017)
- IS-815 [ABCs of Temporary Emergency Power](#) - (12/27/2016)
- IS-906 [Workplace Security Awareness](#) - (10/31/2013)
- IS-907 [Active Shooter: What You Can Do](#) - (12/28/2015)
- IS-909 [Community Preparedness: Implementing Simple Activities for Everyone](#) - (10/31/2013)
- IS-910.a [Emergency Management Preparedness Fundamentals](#) - (10/19/2012)
- IS-915 [Protecting Critical Infrastructure Against Insider Threats](#) - (7/10/2013)
- IS-916 [Critical Infrastructure Security: Theft and Diversion – What You Can Do](#) - (10/31/2013)
- IS-922 [Applications of GIS for Emergency Management](#) - (10/31/2013)
- IS-951 [DHS Radio Interoperability](#) - (9/22/2016)
- IS-2200: [Basic Emergency Operations Center Functions](#) - (5/17/2019)
- IS-2500 [National Prevention Framework, an Introduction](#) - (3/27/2018)
- IS-2600 [National Protection Framework, An Introduction](#) - (3/27/2018)
- IS-2700 [National Mitigation Framework, an Introduction](#) - (3/27/2018)
- IS-2900.a [National Disaster Recovery Framework \(NDRF\) Overview](#) - (7/11/2018)

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

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

There are some costs with the ARRL courses but discounts and occasional scholarships are available to ARRL members. See www.ARRL.org for details and enrollment.

ARES-ACS Frequency Updates

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

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

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

Area 2 Conejo Valley, T. Oaks, Newbury Park – N6JMI 147.885 Mhz (-) PL 127.3 BOZO

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

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

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

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

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

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

County-Wide – WD6EBY 145.200 (-) PL 127.3

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

WD6EBY SP 145.420 Mhz (-) PL 127.3

WD6EBY 447.480 (-) PL 156.7 Hz South Mtn.

K1NGL 145.360 Mhz (-) PL 156.7 Kimberly Peak

N6EVC 146.850 Mhz (-) PL 94.8 Rasnow

N6FDR 145.260 Mhz (-) PL 100.0 Malibu

W6AAX 147.180 Mhz (+) PL 186.2 Verdugo Peak

W6GRG 146.940 Mhz (-) PL 127.3 Simi DSW Repeater

W6YJO 145.180 Mhz (-) PL 131.8 Sta Ynez

WA6FGK 146.640 Mhz (-) PL 127.3 Simi Valley

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

WB6OBB 147.000 Mhz (+) PL 131.8 Sta Barbara

WD6EBY 145.240 Mhz (-) PL 127.3 Chatsworth Pk

Other Good Area Frequencies ...

AA6DP 147.090 Mhz (+) No PL Catalina

K0AKS 147.150 Mhz(-) PL 127.3 TOaks

K6CPT DCS 145.300 Mhz (-) PL 100.0 LA DCS

K6CPT DCS 147.270 Mhz (-) PL 100.0 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 (-) PL 131.8 SBARC

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

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 Hanson, W6RH, Email: w6rh@arrl.net

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

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

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

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

Area 4 Oxnard, Hueneme, Mugu EC: Hovan Salbian, K6BQL Email: k6bql@arrl.net

Area 5 Ojai EC: Wayne Francis, W6OEU Email: w6oEU@arrl.net

Area 6 City of Ventura EC (acting): James (Jim) Aguirre KM6GUE Email: KM6GUE@gmail.com

Area 7 Santa Paula, Fillmore, Piru EC: James (Jim) Aguirre KM6GUE Email: KM6GUE@gmail.com

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

ACS/ARES Training and News

Rob Hanson Ventura County ACS Radio Officer, Ventura County ARES District Emergency Coordinator

AREA 6&7 Staffing Changes

Effective December 1, 2020 please note the following changes:

1. Grant Mohr KG6SFW will step down as Emergency Coordinator for Area 7 (and acting coordinator for Area 6) He will continue to serve the community as an Assistant Emergency Coordinator for Area 7.
2. James (Jim) Aguirre KM6GUE will assume the role of Emergency Coordinator for Area 7 (and acting coordinator for Area 6). He will vacate his position as Assistant Emergency Coordinator in area 7.
3. Katherine (Kat) Hunley K6VQN will be an Assistant Emergency Coordinator for Area 6.

Please welcome these individuals in their new roles, and support them in every way possible.

Thank You.

Rob – W6RH



ROBERT HANSON

Ventura County ACS Radio Officer

Ventura County ARES District Emergency Coordinator

805-901-0147 - w6rh@hotmail.com

Article about Famous Hams

Emory Schley writes in the Ocala Star-Banner newspaper about the World's Greatest Hobby. Do you know what famed musician Joe Walsh has in common with singer Ronnie Milsap and Priscilla Presley? Also, George Pataki, Patty Loveless and Garry Shandling? How about the late luminaries Andy Devine, King Hussein, Marlon Brando, Rajiv Gandhi, Barry Goldwater, Stewart Granger, Burl Ives, Enola Gay pilot Paul W. Tibbets, Arthur Godfrey, Chet Atkins, Jim Croce, author Jean Shepard and Walter Cronkite?

If you guessed they are — or were — ALL licensed ham radio operators, you would be correct! Give yourself a well-deserved pat on the back. You can add to the list almost all of the American Astronauts and Russian Cosmonauts.

Ham Radio, or as it's more formally called, Amateur Radio, has been called the world's greatest hobby because it's so vast in scope and actually is comprised of dozens, if not hundreds, of offshoot hobbies, all under the licensing control of the Federal Communications Commission. Hams are techies, interested in the nuts and bolts of how high-tech devices operate. They can build their own radios, transmitters and even radar sets, if they choose.

Read the full article at

<https://eu.ocala.com/story/news/2020/11/27/ham-radio-hobby-emory-schley/6421869002/>

www.vccomm.org

[vc-acs] Sad news: B2V 2021 Cancelled

main@vc-acs.groups.io on behalf of Hanson, Robert - W6RH <w6rh@hotmail.com>

Sent: Tue 11/24/2020 10:02 AM

To:



Hello race fans and participants. The LAPRAAC Board of Directors hopes this message finds you and your family well, safe and healthy. Since the onset of Covid-19 it seems that the law enforcement community has faced harder and more difficult times as days pass by. It is because of those challenges, we at LAPRAAC have been doing everything we can to try to provide some sort of normalcy by continuing to stage the annual Baker to Vegas Challenge Cup Relay Race. We know how much this means to all of you as it also means so much to us. After the 2020 cancelation we immediately starting making plans for the 2021 race. Unfortunately, due to the continued pandemic we have to face the reality that we must CANCEL the 2021 Baker to Vegas Challenge Cup Relay.

This is not a decision we have made lightly. For months we have tried to power through the challenges to try at almost any cost to continue this race into 2021. But as our vigor, enthusiasm and drive to conduct the 2021 race continues to propel us forward, the safety and viability of doing so continued to diminish.

On the direction of our lead medical staff from both sides of the California and Nevada border, we unfortunately cannot continue moving forward without risking the safety of all involved. The pandemic continues to decimate the ability of the medical profession to support the event. Not only is it the doctors, nurses, paramedics and EMT's that are in limited supply, it is also the medical facilities, supplies, ambulances and helicopters. Compounding that is the additional Covid protocols that would have to be put in place that would make the race virtually impossible to conduct. Without the support of this critical portion of the race operation we cannot in good conscience try to move forward. In addition, it would be challenging at best to receive the necessary permits from the various municipalities based on the lack of medical support.

The LAPRAAC Board has looked at numerous options of a modified race such as reducing the size and scope of the event so that we could still host some form of the Challenge Cup Relay. Unfortunately, even with the numerous ideas researched and considered, without the medical support, we just cannot pull this together in any way that would resemble the event you all know and love.

Stay safe, stay healthy and keep training, because B2V will be back and we will run the Challenge Cup Relay again!



[vc-acs] ShakeOut 2020 #winlink

main@vc-acs.groups.io on behalf of Hanson, Robert - W6RH <w6rh@hotmail.com>

Sent: Thu 11/19/2020 7:48 AM

To: main@vc-acs.groups.io

Below is an excerpt from the **November ARES Letter** which mentions our participation in and contributions to ShakeOut 2020.

We would like to **thank all ARES LAX operators** who participated and made this event such a smashing success for ARES LAX and our communities.

We would also like to thank our **partners in San Diego, Ventura County, Central California, Arizona, Nevada and Hawaii and the Winlink Development Team!**

Also, thank you to **Rick Palm, K1CE, Editor** for mentioning us!

Together we have impact!

The original November ARES Letter in its entirety is available here: <http://www.ar1.org/FandES/field/ares-el/?issue=2020-11-18>

<Begin Quote>

ShakeOut 2020 was a success for amateur radio operators throughout the United States. The United States Geological Survey (USGS) received 175 "Did You Feel It?" (DYFI) reports sent via Winlink on ShakeOut Day, October 15. Most of the reports were received from Southern and Central California, Washington and Hawaii....

Amateur radio operators practiced sending DYFI reports to USGS from simulated "donut holes," i.e., areas without internet access. A variety of techniques were employed: ARES LAX Northeast, for example, aggregated DYFI reports via VHF using a gateway, which then autoforwarded the reports on HF to out-of-area gateways with internet connections. Ventura ARES/ACS and ARES LAX High Desert, by contrast, relied on individual HF stations to send reports out of area. These varying approaches demonstrate the flexible and creative responses of operators in the Amateur Radio Service based on variations of local conditions.

The USGS was thanked for their support, collaboration and guidance and for providing data for ShakeOut 2020, as was ARES LAX, Ventura ARES/ACS, San Diego ARES and Hawaii ARES for providing DYFI training to their operators and making this exercise so successful. The Winlink Development Team was also thanked for coding the DYFI form and making it available to all amateur operators.

<End.No more.>

--

Thank you and 73,
Oliver K6OLI

District Emergency Coordinator
ARES LAX Northeast District
Email: k6oli@ar1.net
Web: <http://www.ar1lax.org>



[vc-acs] Field Day Results

main@vc-acs.groups.io on behalf of Hanson, Robert - W6RH <w6rh@hotmail.com>

Sent: Wed 11/18/2020 8:26 PM

To:

The results of last June's ARRL Field Day activity have now been published. Here is the link to the results database:

http://www.arrl.org/results-database?event_id=122601

You can search for your callsign or search by entry category and Section or Division to see all the results for any particular sub-group.

The club aggregate listings appear in the QST article, which you can read here:

<https://contests.arrl.org/ContestResults/2020/Field-Day-2020-FinalQSTResults.pdf>

We are listed as L.A. City ACS, with ten entries and a combined score of 3,683 points.

We don't yet know whether an in-person group Field Day gathering will be allowed by next June, but we'll monitor that and plan accordingly. Those of you who have upgraded your license to General Class or higher will be able to run an HF station, whether it's one you set up yourself or our group station if circumstances allow. If it's the former, we'll plan on some short training sessions on putting a field station together.

Congratulations to all of you who got on the air and made Field Day contacts.

Marty N6VI

(COVID)State announces Ventura County among 41 Counties moved back to Purple Tier

Ventura, CA – Late November, the State of California announced new COVID-19 Tier assignments for counties. Due to increasing case rates, Ventura County and 40 other counties in the State will move back to the more restrictive Tier 1 Purple. Businesses that are impacted by this are asked to make their operational modifications by midnight November 17, 2020.

“Community members have taken action. Our average number of tests per day per 100,000 population was in the 200s and has increased to 400 this past week. This hard work from the community allowed for the State to provide the County with an adjustment factor downward. However, because our case rate was at 12 the week ending November 7th, even with the large adjustment factor, we were not able to get under the required metric of 7 or less,” said Mike Powers, County Executive Officer. “Testing is still very important for future case rate adjustments, but also for the Public Health team’s timely and effective contact investigation and tracing efforts. We are encouraging all community members to get tested. Testing is available 7 days a week at sites throughout our County.” **Nighttime curfew in effect from 10 p.m. to 5 a.m. until Dec. 21. Only essential activities allowed during overnight hours.**

In alignment with Purple Tier 1, the following sectors are permitted for **OUTDOOR** operations only until further notice. These sectors must still maintain mitigation measures (social distancing, face covering, and sanitization):

- Cardrooms, satellite wagering
- Family Entertainment Centers (e.g. bowling alleys, miniature golf, batting cages, kart racing, and arcades)
- Gyms and Fitness Centers
- Movie theaters
- Museums, zoos, aquariums (Cont. on page 23)

COVID (Cont. from page 22)

• **Places of worship (New York can't restrict but California and Nevada can per Supreme Court ruling)**

- Playgrounds and recreational facilities
- Restaurants
- Wineries

Bars, pubs, brewpubs and breweries may operate outdoors if they are offering sit-down, outdoor meals. Outdoor operations may be conducted under a tent, canopy, or other shelter if no more than one side is closed.

In alignment with Purple Tier 1, the following sectors are open for INDOOR operations. These sectors must still maintain mitigation measures (social distancing, face covering, and sanitization) and specific modifications in parenthesis below:

- All retail (maximum 25% capacity)
- Critical infrastructure
- Hair salons and barbershops
- Libraries (maximum 25% capacity)
- Nail salons and electrolysis operations
- Personal care services (e.g. body waxing, estheticians, tattoo, massage)
- Professional sports (without live audiences)
- Shopping centers (e.g. malls, destination centers, swap meets, excluding food courts and common areas) (maximum 25% capacity)

Schools

In alignment with California Department of Health requirements, schools (all grade levels) that have reopened for in-person instruction, either under a waiver or while Ventura County was in Red Tier 2, are permitted to continue to conduct in-person instruction. Schools that have not reopened must wait until they are eligible again, either by acquiring a waiver from Ventura County Public Health (grades TK-6 only) or by waiting until Ventura County returns to Red Tier 2 for at least two weeks.

If a school was implementing a phased re-opening (e.g., only opened grades K-2 for in-person instruction with set plans to phase in grades 3-6) while Ventura County was in Red Tier 2, the school site may continue their phased re-opening. This is only applicable to individual school sites. If a district has a phased reopening of their schools, the schools in that district that did not open for in person instruction may not reopen until Ventura County has returned to Red Tier 2 for two weeks.

Schools that wish to begin providing in-person instruction for select students in grades 7-12 must follow the CDPH Cohort Guidance; this guidance is not meant to bring all students back for in-person instruction, but those that meet the Cohort Guidance criteria.

Schools conducting in-person instruction must maintain mitigation measures, including social distancing, face coverings, and sanitization, in compliance with schools guidance (Cont. on page 24)

COVID (Cont. from page 23)

from CDPH and Ventura County Public Health. Waiver information can be found at www.venturacountyrecovers.org/school-information/.

Tier Advancement

Counties are required to remain in an assigned tier for a minimum of three weeks and must meet the criteria for the next tier for two consecutive weeks before being able to advance to the next tier.

“To advance forward into the Red Tier 2, Ventura County needs to have lower daily case rates. The only way to do that is to do what we know works,” said Ventura County Health Officer Dr. Robert Levin. “We all have a part in this, and we must be committed to social distancing measures in public spaces (6ft apart, wear face coverings, wash hands, etc.) and to avoid gathering with non-household members. Also, it helps everyone and the County overall to get tested whenever you have any symptom of illness that does not have another explanation, or you think you may have been exposed to COVID.”

To learn more about the State’s Tier system and specific allowable activities for Ventura County, visit the State of California's COVID-19 Blueprint for a Safer Economy website.

<https://covid19.ca.gov/safer-economy/>

Results of ARC/ARES American Red Cross Nov 2020 Drill are Here

Hi Everyone,

I hope you are enjoying the holiday. The results of the American Red Cross Drill are in. A truly nationwide event consisting of 1,750 messages from 1,550 operators in 47 states, plus Puerto Rico, Venezuela and Canada. In a pdf is a link to a call sign / location map created by Rob Jagde, KD2GRS of Long Island NY. To access the zoomable map you need a Google account (see map photo, on page 24).

If you don’t have a Google account please see the attached text file “Pacific Division Calls.txt” and search for your call sign, they are not in alphabetic order. There are many local call signs I recognize in the list – well done Ventura County !!

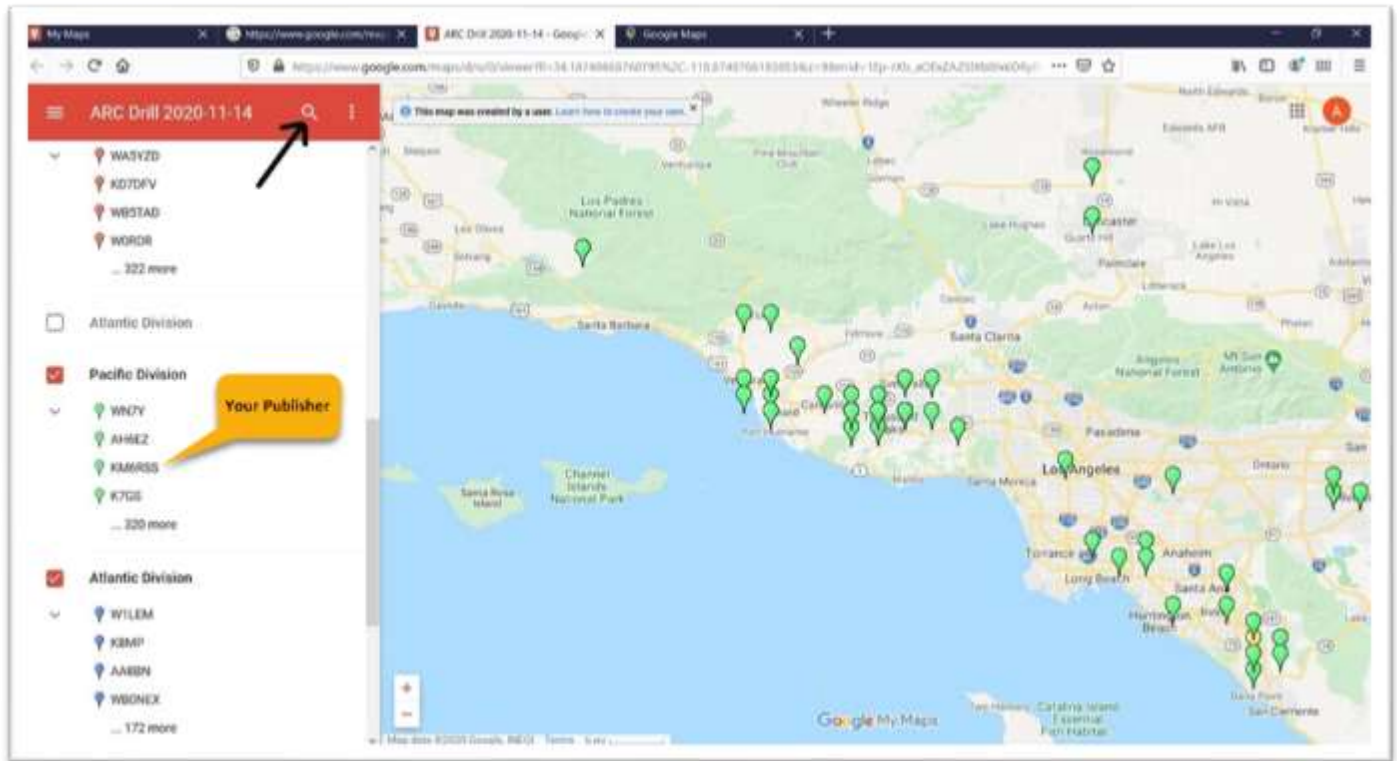
Here are a few details to help you navigate the map if you choose to do so. It does not have the accuracy or capabilities of the map produced by Burt Auerbach, KA6BJA, for our recent VHF simplex exercise. Why is this ? Well, we were asked to supply location data in the form of City and State. In my own case “Thousand Oaks, CA”. Rather than appearing as a pin located on City Hall in T.O. my location appears close to the junction of Moorpark and Wilbur Roads. Locations have been converted to six figure grid format. In this case “DM04NE”. Possibly the indicated location is the center of this grid square ? I haven’t checked. (Cont. on page 25)

Results of ARC/ARES Nov 2020 Drill are Here (Cont. from page 24)

Additionally, to find your callsign the easiest way is to search for it, clicking on the green pins may not show your callsign. Please see “Greater LA.jpg” This is a zoomed in view showing Santa Barbara to San Clemente. The search tool – magnifying glass - is upper left. “searching for K3CAQ.jpg” shows using the search tool and finally “K3CAQ search results.jpg” takes us to Moorpark and Wilbur 😊.

Zooming out to view different regions of the country gives a graphic representation of where hams, interested in EmComms, are located. The major population centers are well represented, no surprises here. Some locations appear “overweight”, the greater Phoenix area and the I25 corridor in Colorado being two such regions. More notable are the under-represented areas. The populations of Oklahoma, Maine, North and South Dakota are relatively small but there are Hams there, and even Winlink RMSes in Maine and Oklahoma. Some directed outreach by the event organizers could help rectify this.

Best Regards and 73,
Andy
K3CAQ



ARRL offers online training for hams who want to participate in the Amateur Radio Emergency Service.
The time for training is before a disaster...not during one.

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

Introduction to Emergency Communication (#EC-001)

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

For start dates, registration deadlines and more visit www.arrl.org/online-course-catalog

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

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

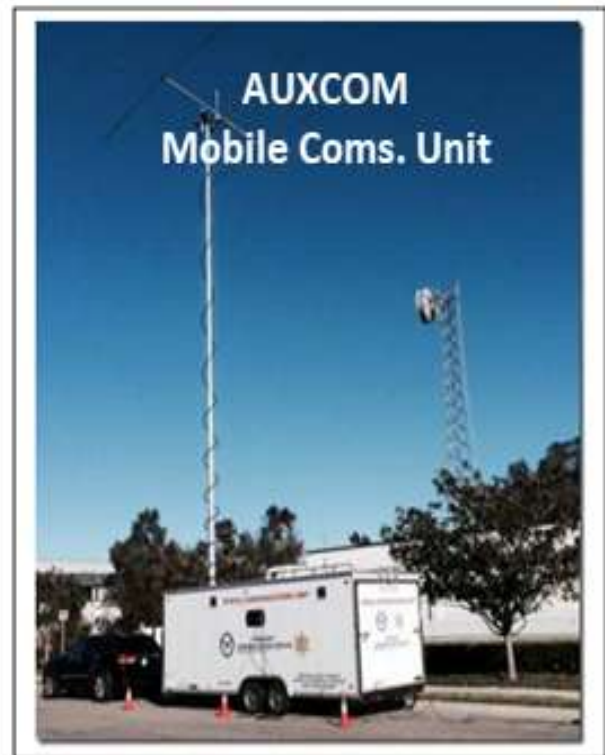
PR-101: ARRL Public Relations (EC-015)

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

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

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

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



“Making little out of much...A worthwhile investment” – by Wayne Woodhams N6WIX

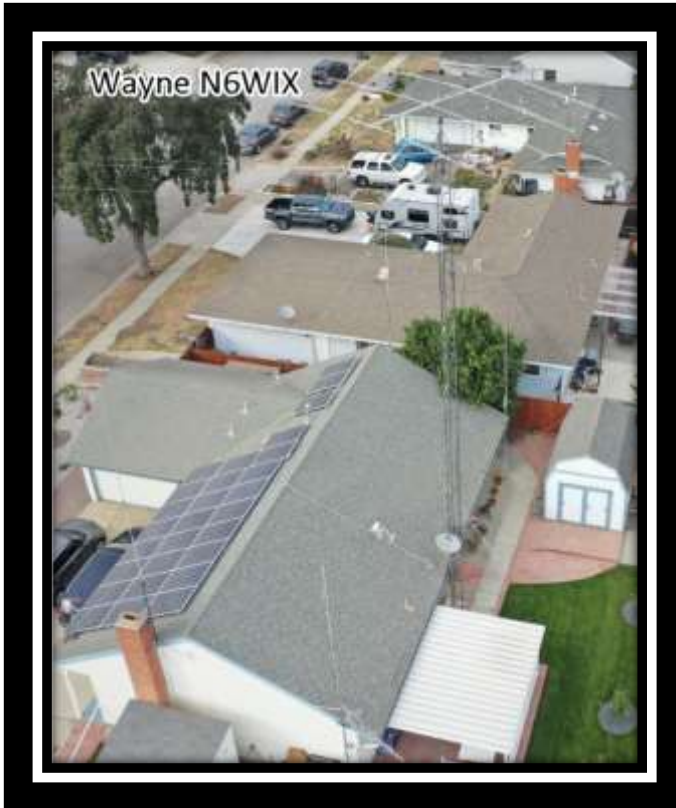
All of us are busy these days, and some, even really busy. We’re busy with work, family, maintaining our health, getting enough sleep, and many other activities that include relationships, personal interests, and of course...Amateur Radio. If it weren’t for getting exhausted, we’d probably make the day bigger than 24 hours, just to get it all in. Often, different items of our busy lives step on each other, and we become somewhat conflicted by how to do it all, without different items walking on each other, and messing up our enjoyment of a particular area. Some just let these conflicts happen, and complain about it. However, others take specific steps to either cut back, or to improve their way of dealing with the various areas. That can be true about time spent in Amateur Radio net activity as well. I firmly believe in getting the most in, but doing so in an efficient way, so that I don’t have to leave important parts out.

Having an aggressive ambition like this **doesn’t come for free**. It come as a result of investing time in the knowledge and methods to become smarter and better at what we do. We invest time in education so that we can get more out of our professional lives and careers. We invest time in practicing on the piano or trumpet, so that we can play better. Athletes train and practice what they do immensely, so they can be “goat”. It, indeed, is a major investment. **So why not Amateur Radio?** And for my emphasis in these articles....**why not nets?** So, on that subject, here are some things you can do to help your net experience, but do so in less time.

- 1) **Get to know each person** who checks into a particular net. First, you learn to know them on “paper”. Later, that “paper” acquaintance can turn into actually meeting, and that’s when a real friendship can come alive. So what do you need to do on paper? Real paper, or electronic paper. When a net starts, write down in a notebook, or enter their callsign into a spreadsheet or database. Either way can work. When the net is over, look up each person who checked in on QRZ, or the FCC listing. QRZ is a better choice for me, since often the operator tells a little bit about themselves on their page. A number of years ago I joined the San Mateo based statewide Red Cross net by invitation. I didn’t know anyone. But the first thing I did was to copy everyone’s call sign, look it up on QRZ, and then entered it into an Excel spreadsheet. That was a first good step. Then I went to work improving the spreadsheet by making an alphabetical array lookup (on a reference sheet) that allows me to track check ins by simply entering the operator’s suffix. When I enter the operator’s suffix, the spreadsheet automatically populates all the critical information about that operator. This spreadsheet has two advantages. It allows me to document their check in at a rate of about 1 per second. This is a lot faster than I could ever possibly write by hand. The second advantage is that if someone hasn’t checked in very often, and I can’t really remember who they are, where they are, or any other particulars, it brings answers. It makes it appear that I know everybody, and every important detail of their life, when I really can’t remember that well. The Red Cross net immediately asked me how I was tracking members so well, or remembering so many details, and I had to confess what I had done. Suddenly, every member of this net wanted my spreadsheet. (Cont. on page 28)

“Making little out of much...A worthwhile investment” – by Wayne Woodhams

N6WIX (cont. from page 27)



So I sent a copy of it to the net control operator, and he promptly sent it to all members. For the last 4 or 5 years the Red Cross has used my spreadsheet as the driving detail for their net. It didn't stop there. The California CESN Governor's Office Emergency Net somehow got ahold of my spreadsheet, and took it, modified it even better, and now uses it on the Monday and Wednesday nets for the State of California. A minor **investment** on my part has grown enormously to help many others, and save a lot of time.

2) Invest some effort in getting to recognize an operator's **voice**. When we make new friends, we learn to recognize a person's face, and perhaps other specific details. We respond

warmly if a few weeks later someone you just met sees you in public, and calls out your name, and says "Good to see you again, John", or whatever your name is. It's a neat feeling that someone took enough effort and time to remember YOU. But this is radio. We don't have anything to go by except the voice. Wouldn't it be neat if sometime we could run a net on just voices we recognize, and have it work perfectly? The FCC wouldn't like our brevity, but the thought is neat and challenging.

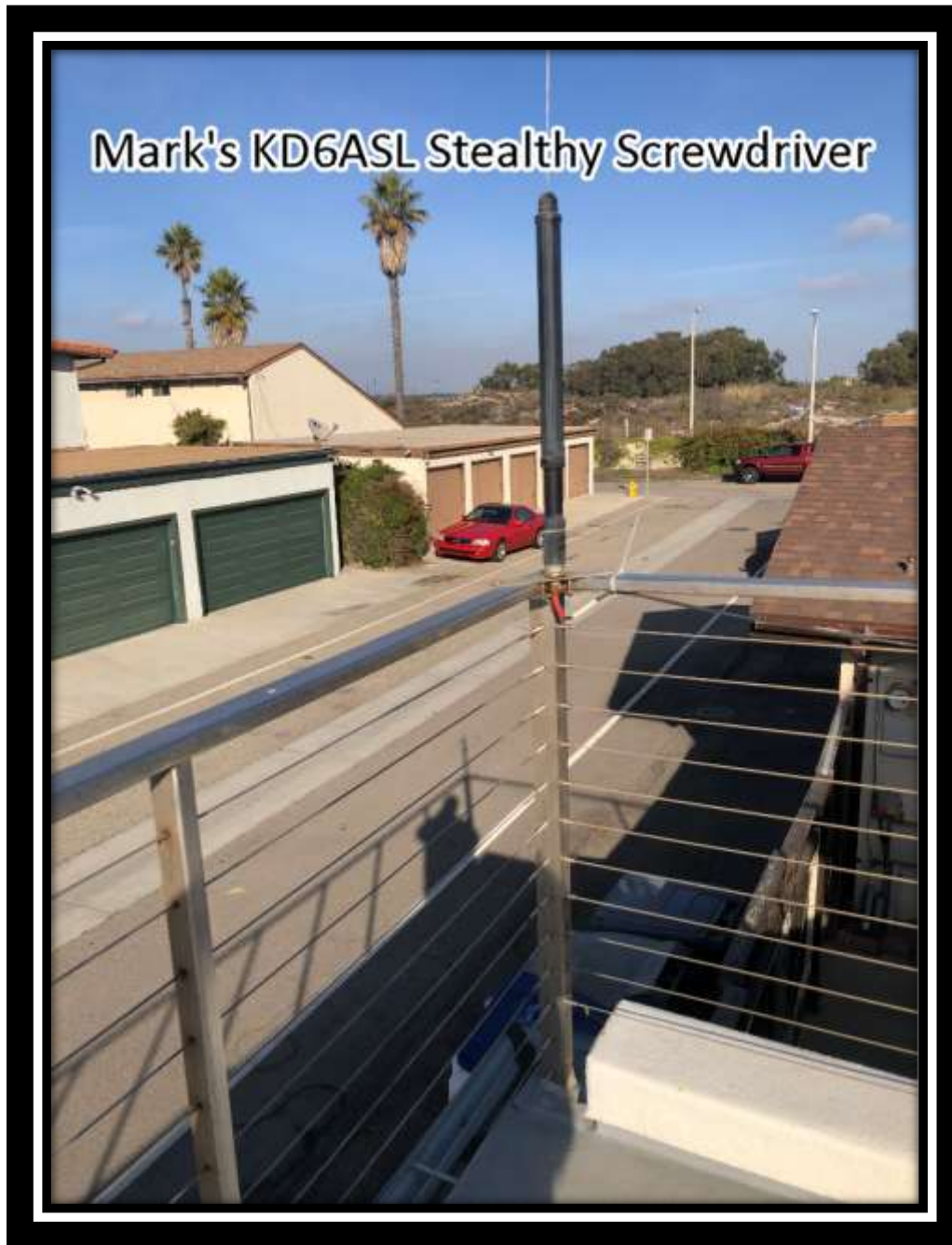
Consolidate your thoughts, for efficiency. Most of us, given the choice, would rather hear another person express themselves with specific ideas in 1 minute, as opposed to taking 5 minutes to say the same thing, but include hems and haws, flubber, blabber, and wandering all over the place. If we would rather hear that of others, then the same expectation comes home to us. Here's something I do that helps me speak more efficiently. I keep a small pad of notepaper right in front of the radio and me, and when I am listening to a net, I jot 1 or 2 word notes of what I am hearing, or what I may want to contribute, and then of the opportunity comes to make a comment on the net, I can do so in just a few word, without wandering all over Webster's to contribute what I want to say. It takes no effort or experience to blabber, but with a little investment in thought, your contribution to a net can be more succinct, and while others may not verbalize their appreciation of your investment in brevity, but if you could read their brain, they do appreciate it. (Cont. on page 29)

“Making little out of much...A worthwhile investment” – by Wayne Woodhams

N6WIX (cont. from page 28)

- 3) Investments are a good thing. In Amateur Radio those investments can apply not only to nets, but to choice of equipment, maintaining it, activities you choose, and many other aspects.

So, invest! Finally, it really pays to invest in helping much become little, so that little has a fighting chance in becoming much in return. Hope all of you stay happy and healthy. 73, Wayne N6WIX



Local Area Radio Weekly Nets by Wayne Woodhams, N6WIX

Monday

Cuckoo Net **146.790 MHz (-) 131.8 Hz PL and 145.180 MHz (-) 131.8 Hz PL** MTWThF from 08:00 Hrs

Auxiliary Bored Meeting: MTWThF at 09:00 and on Saturday at 21:00 Hrs : Bozo Repeater Frequency: **147.885 MHz Offset: -PL: 127.3**

California Rescue ARES Net **7.25 MHz** MTWThF 08:30 Hrs

Santa Barbara South County ARES net 19:30 Hrs on **146.79 MHz (-) PL 131.8.**

Southwest ACS Nets Every Monday at 18:30 Hrs, on a local station on the Cactus Intertye Network. Check-in by roll call. 4th Monday "grid test" 20:30 Hrs.

LA DCS-22 Net – 19:30 Hrs - **K6DCS - 147.225 MHz (+) then on 7.2353 MHz LSB**

K6MEP Net -20:00 Hrs **145.200 MHz (-) 127.3 PL**

CESN (California Emergency Services Net) at 20:00 Hrs **Primary frequency - 3992 kHz, Backup frequency - 3960 kHz.** All free to listen, check-in by membership only.

LA Section ARES Net - HF Every Monday following the VHF/UHF net (21:30 Hrs) 1st. 3rd and 4th Monday - **75 meters 3.995 MHz (± 45 kHz) / 2nd Monday -10 meters 28.495 MHz**

Tuesday

Cuckoo Net **146.790 MHz (-) 131.8 Hz PL and 145.180 MHz (-) 131.8 Hz PL** MTWThF from 08:00 Hrs

California Rescue ARES Net **7.250 MHz** MTWThF 08:30 Hrs

Ventura County ARES-ACS 6 Meter Net - between 18:45 Hrs to 19:00 Hrs **K6SMR 52.980 MHz (-) PL 82.5** SMRA Red Mt

Ventura County ARES-ACS Simplex Net - 18:30 Hrs on **147.510 MHz Simplex** ORT schedule only!

Ventura County ARES-ACS HF Net - between 18:30 Hrs to 19:00 Hrs 40M on **7.235 MHz LSB +/-**

Ventura County ARES/ACS Nets between 19:00 and 20:00 Hrs. The County-wide net starts at 19:30 Hrs and normally finishes by 20:00 Hrs on **WD6EBY 145.200 MHz (-) /127.3 PL**

SBARC Swap Net **146.790 MHz (-) / 131.8 Hz PL and 145.180 MHz (-) / 131.8 Hz PL** 19:30-20:00 Hrs

West SB ARES HF Net (1st Tuesday, Monthly) **3822 kHz LSB** 20:30 Hrs

6-Meter Roundtable - **50.125 MHz USB** First Tuesday of each month 20:00 Hrs

ATV Net 20:30 Hrs **148.790 MHz (-) / 131.8 Hz PL** RITZ repeater

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

Wednesday

Cuckoo Net **146.790 MHz (-) 131.8 Hz PL and 145.180 MHz (-) 131.8 Hz PL** MTWThF from 08:00 Hrs

California Rescue ARES Net **7.25 MHz** MTWThF 08:30 Hrs

CESN (California Emergency Services Net 10:00 Hours, Primary frequency 7192 kHz, Backup frequency - 7230 kHz All free to listen, check-in by membership only.

SMRA Tech Net **146.880 MHz (-) / 127.3 PL** (SMRA Red Mt) 20:00 Hrs

SBARC Swap Net **146.790 MHz (-) / 131.8 Hz PL** K872 20:00 Hrs

Teamtalk Voice Net.20:00 Hrs k6pvr-svr.local.mesh server <http://www.pvarc.club/mesh/mesh-applications/>

Thursday

Cuckoo Net **146.790 MHz (-) 131.8 Hz PL and 145.180 MHz (-) 131.8 Hz PL** MTWThF from 08:00 Hrs

California Rescue ARES Net **7.25 MHz** MTWThF 08:30 Hrs

So Cal 6 meter net. **51.940 MHz - pl 82.5.** 19:00-20:00 Hrs

Southern Calif 6M SSB Technical Roundtable Net 20:00 Hrs on **50.2 MHz USB SSB**

SBARC / K6TZ Technical Mentoring Net 20:00-21:00 Hrs **146.790 MHz (-) / 131.8 Hz PL and 224.08 MHz (-) 131.8 PL** (linked)

Friday

Cuckoo Net **146.790 MHz (-) 131.8 Hz PL and 145.180 MHz (-) 131.8 Hz PL** MTWThF from 08:00 Hrs

California Rescue ARES Net **7.250 MHz** MTWThF 08:30 Hrs

Saturday

Military Radio Collector Net 18:00 Hrs **3985 kHz AM** vavw.mrcuwestord/mrca-radio-nets/

Sunday

ARRL Southwestern Division Net 08:00 Hrs 3965 MHz. ARRL Officers check in first. All visitors welcome at end of that net

Newbie Net 19:00-19:30 Hrs Bozo Repeater **147.885 MHz (-) PL127.3**

Rabbit Net 19:00 Hrs Linked Rabbit repeater.

NEWS FROM PVARC

Networks and PBXes and phones, oh my! :-D

When the link from Chatsworth Peak to Verdugo Peak was restored we regained access to the PBX* system there. We've since added a half dozen or so extensions off of that PBX, with a few more pending. We also created two conference bridges.

A trunk was then established between that PBX and the PBX on Sulphur Mountain. Users in Ventura County can now dial users in the San Fernando Valley by prefacing their extension with "818". Similarly, users in the SFV can dial extensions on the Sulphur Mountain PBX by using the prefix "805".

And there's a PBX pending installation in the Santa Clarita Valley. When it's on-line it will be trunked into the system and ham network users there will have phone service if they want it.

Work continues on rolling out new regional PBXes or linking to existing ones. We'll link up to the AI6BX PBX in Redlands soon. New PBXes being contemplated are West Los Angeles and maybe one on Mt. Wilson.

The Grandstream UCM6102 PBX on Sulphur Mountain is at end of life; no more support will be forthcoming. The good news is that a replacement UCM6202 has been purchased and has been installed in the new South Mountain site. The reason it's not replacing the 6102 on Sulphur is that while the Sulphur mountain site lacks generator power, the new South Mountain site will when fully commissioned. When the generator is available and we add network connectivity to new South Mountain, phone services will be swung over to the new phone switch.

Speaking of phones, there was new software released in September for the Grandstream 1625s. I've already started to push it out to phones in the SFV, and Ventura County will follow.

If you're on the mesh network but don't have a physical phone yet, you can use a "softphone", which is a VOIP phone application for your computer or smart phone. There are many available. I use Linphone, but others are Zoiper, Microsip, and 3CX Softphone. Feel free to experiment! Over and above being free, a softphone used with a headset allows you to sit on a mesh conference call hands-free. The disadvantage of a softphone as your primary phone is that if you expect to receive calls you have to leave your computer on and the softphone app running. So it's actually best to have both a physical and a 'virtual' phone on the ham network at your QTH.

Note - this stuff is not cheap. If you'd like to help support this effort and continue the network buildout, donations are gratefully accepted at <http://www.pvarc.club/>

73

Orv W6BI

* If anyone's curious, PBX stands for Private Branch Exchange :-)

ARRL Santa Barbara Section Mgr. John Kitchens NS6X

(repeated from the last two months as John still has positions to fill)

Hello all,

I have been trying to fill Section volunteer positions for a while. I am giving another push. I am pleased to let you know that our Section Emergency Coordinator is Richard Tate, KQ6NO from Santa Paula. (Congratulations and thanks to Rick for taking on this position in addition to his ACS/ARES assignment as Assistant ACS Radio Officer/ARES Assistant DEC.

Richard will be contacting you to see how each county operates emergency communications, and to see how the ARES SEC role will be able to assist and coordinate between the 3 counties in the Section. I have been the SEC for about 3 years. I should not be both the Section Manager and SEC. We need to have more focus on each position.

I am looking forward to spending more time on being SM. One of the tasks that I have passed off to Rick, among others, is the EmComm and volunteer hours reporting to ARRL headquarters.

Additionally, Andy Ludlum, K6AGL, member of the Conejo Valley Amateur Radio Club, has been appointed as the first Assistant Section Manager in the Santa Barbara Section. The SM position will be a club liaison for me, the Section Manager, to have a person in the know hopefully at each club. I really have little to no secret ARRL information, but when I am aware of issues, successes, opportunities, we can work together to accomplish our goals.

There are many volunteer positions to fill in the Section. The one that I am focusing on right now is the Section Traffic Manager. The STM will manage the Section's involvement in the National Traffic System. We need to work on and develop the NTS in the Section. There is quite a bit of work to do, but there are several dedicated volunteers in the Section, working within the NTS, who will make the system work.

Let me know if you would like to volunteer for the STM position, or any volunteer position. I'll be talking about specific positions in the coming months.

Santa Barbara Section Volunteers

Right now, we have 2 Section email systems. That is partly why we need volunteers to help rectify (electrical term) this issue. To make sure that everyone is getting the information, I will be sending emails through both systems. This email is for hams registered at the ARRL website as being in the Santa Barbara Section.

So, what do you get for being a volunteer? A special name/callsign badge and a certificate. And the satisfaction of helping ham radio in many aspects. I am still looking for volunteers to fill the remaining Section Leadership positions. The jobs are: (Cont. on page 33)

ARRL SB Section Mgr. John Kitchens NS6X (Cont. from page 32)

Assistant Section Manager (essentially a club liaison - one from each club, preferably)

Local Government Liaison (a person to be the contact for the local government, could be a city or county - to understand the local issues. Not to be a political operative or community organizer, but to be a positive contact for the local government, answer the government leader's questions, be aware of whom the players are)

Traffic manager - (the traffic system in the Section runs well, but needs a bit of coordination throughout the Section, and most importantly, finding new bodies to join the traffic system. Maybe the various Morse groups could provide people to be trained as traffic messengers).

Public Information Coordinators - (We have an excellent PIO, but each club should have someone who handles public information contacts, such as social media, print media, video (television, cable, YouTube etc.) media and more.)

Section Youth Coordinator (Doesn't need to be a teenager, but it could be. Someone who will focus ham radio toward the youth - schools, makers etc. Someone to help clubs do so, if they are so inclined.)

Club Coordinator (help get clubs active, motivated and working in the general support for ham radio. Some other type of groups will bring in a speaker to talk at all clubs for a reduced cost. We would like to have a Santa Barbara Section conference again. Need someone to help make it happen - just a small conference/Hamfest - look at the Yuma Arizona Hamfest.

Technical Specialist (working with the Technical Coordinator, maybe have experts "Elmers" for various aspects and specialties. How to get on FT8 (why won't my computer key my KX3; I can decode signals, just not key the radio), contesting, setting up a station, RFI solutions, use of chokes and why, homebrewing, how to solder - or crimping - how to install a coax connector, what is DMR/etc. and how to make my radio work - what is a hotspot, and more. We could use a dozen or more people.

Webmaster (I am not a web guy. Who is, or what groups of people are, who could help us? We need a Section website)

Special Event coordinator (We have a small Section budget that can cover some costs such as website hosting). The following clubs are ARRL affiliated:

Conejo Valley ARC (Andy Ludlum, K6AGL Assistant Section Manager)

Ventura County ARC (K6MEP)

Ventura County ARS

Simi Settlers ARC

Santa Barbara ARC

UC Santa Barbara ARC

Paso Robles ARC

Cal Poly San Luis Obispo ARC

Satellite ARC

And hopefully Pleasant Valley ARC soon.

(Cont. on page 34)

ARRL SB Section Mgr. John Kitchens NS6X (Cont. from page 33)

There are more groups and clubs, which should not be ignored, but these are the "affiliated" clubs. The Section includes the counties of San Luis Obispo, Santa Barbara and Ventura. More schools, middle, high, community college and college/university should have a radio club.

Let me know if you would like to help, or get more information. Get one of those pretty, special color ARRL badges. No membership is required.



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Meeting Location Maps (meetings may be on-the-air, please check K6MEP.org)



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

ARRL seeks waiver of proposed FCC amateur application fees



QST de W1AW
ARRL Bulletin 35 ARLB035
From ARRL Headquarters
Newington CT November 19, 2020
To all radio amateurs

SB QST ARL ARLB035
ARLB035 ARRL Seeks Waiver of Proposed FCC Amateur Application Fees

ARRL has urged the FCC to waive its proposed \$50 amateur radio application fee. The Commission proposal was made last month in a Notice of Proposed Rulemaking (NPRM) in MD 20-270. The proposal already has drawn more than 3,200 individual comments overwhelmingly opposed to the plan. The fees, directed by Congress and imposed on all FCC-regulated services, are to recover the FCC's costs of handling and processing applications.

The NPRM can be found in PDF format at <https://docs.fcc.gov/public/attachments/FCC-20-116A1.pdf> .

"Amateur radio applications were not listed when the Congress adopted its 1985 fee schedule for applications, and therefore amateur license applications were excluded from the collection of fees," ARRL said on December 16 in its formal comments on the proposal. "Similarly, a decade later when regulatory fees were authorized, the Amateur Service was excluded, except for the costs associated with issuing vanity call signs." The new statutory provisions are similar. Amateur radio license applications are not addressed in the application fees section and explicitly excluded from regulatory fees," ARRL said, and there is "no evidence of any intent by Congress to change the exempt status of amateur applications and instead subject them to new fees."

ARRL's formal comments can be found online at <https://www.fcc.gov/ecfs/filing/111762316365>

ARRL argued that the FCC has explicit authority to waive the fees if it would be in the public interest, and should do so for the Amateur Radio Service. Unlike other FCC services, the Amateur Radio Service is all volunteer and largely self-governing, with examination preparation, administration, and grading handled by volunteers, who submit licensing paperwork to the FCC, ARRL pointed out.

"Increasingly, the required information is uploaded to the Commission's database, further freeing personnel from licensing paperwork as well as from day-to-day examination processes,"
(Cont. on page 38)

ARRL seeks waiver of proposed FCC amateur application fees (Cont. from page 37)

ARRL said. “The addition of an application fee will greatly increase the complexity and requirements for volunteer examiners.”

The Communications Act, ARRL noted, also permits the FCC to accept the volunteer services of individual radio amateurs and organizations in monitoring for rules violations. In 2019, ARRL and the FCC signed a memorandum of understanding to renew and enhance the ARRL’s Volunteer Monitor program, relieving the Commission of significant time-consuming aspects of enforcement.

These volunteer services lessen the regulatory burden – including the application burden – on the Commission’s resources and budget in ways that licensees in other services do not, ARRL said.

Amateur radio’s role in providing emergency and disaster communication, education, and other volunteer services also justifies exempting radio amateurs from FCC application fees. For example, ARRL noted, last year more than 31,000 participated as members of the ARRL Amateur Radio Emergency Service (ARES), and local ARES teams reported taking part in more than 37,000 events, donating nearly 573,000 volunteer hours, providing a total value of more than \$14.5 million.

Amateur radio also has motivated many students to develop critical science, technology, engineering, and mathematics (STEM) skills. ARRL noted that the Amateur Radio Service contributes to the advancement of the radio art, advances skills in communication and technology, and expands the existing reservoir of trained operators, technicians, and electronics experts – all expressed bases and purposes of the Amateur Radio Service.

“Accomplishing these purposes entails working with young people, many of whom may have difficulty paying the proposed application fees of \$50, \$100, or \$150,” ARRL said. “The \$150 fee would be the cost of passing the examinations for the three amateur license levels in three examination sessions,” ARRL said. “Such multiple application fees to upgrade would dampen the incentive to study and demonstrate the greater proficiency needed to pass the examinations for the higher amateur classes.”

ARRL concluded that the FCC should exercise its authority to exempt amateur radio from application fees generally. If the FCC cannot see its way clear to waive fees for all amateur radio license applications, the fees should be waived for applicants age 26 years and younger. Such individuals, ARRL contended, have the most to contribute to the future of radio technology and other STEM-related activities and are the most likely to find the proposed application fees burdensome. (Cont. on page 39)

ARRL Urges Members to Join in Strongly Opposing FCC's Application Fees Proposal

(Cont. from page 38)

the Amateur Radio Service, and the FCC stopped assessing fees for vanity call signs several years ago.

See also "FCC Proposes to Reinstate Amateur Radio Service Fees," reported by ARRL in August, at,

<http://www.arrl.org/news/fcc-proposes-to-reinstate-amateur-radio-service-fees>

A summary page of the proceeding can also be found online at, <http://www.arrl.org/FCC-Fees-Proposal>.

FEMA Seeking Reserve Telecommunications Operators



The Federal Emergency Management Agency (FEMA) is seeking telecommunications operator reservists to assist in emergency recovery efforts on an intermittent, on-call basis. The deadline to apply is December 8, but FEMA will not take any applications beyond the first 200, which may come sooner than that.

These FEMA reservist positions seem well suited to radio amateurs. Duties include sending, receiving, and distributing HF radio messages between first responders using the phonetic alphabet, Morse code, call signs, continuous wave, and proper frequencies based on network requirements, as well as setting up, establishing, and maintaining an HF radio site in an austere environment and performing site analysis to determine an optimal location.

Among other requirements, candidates should have an understanding of radio wave propagation for day, night, and transitional period frequency use, and be able to maintain station message logs and compile communication reports.

The Reservist Program is an appointment type granted under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Section 306(b), which authorizes FEMA to appoint such temporary employees as necessary to accomplish work authorized under the Act. See the position description on the USAJobs website for complete information.

ARRL Asks FCC to Allow 3.4-GHz Operation until Spectrum is Occupied



In comments to the FCC, ARRL has argued that radio amateurs be allowed to continue shared operation in the 3.4 GHz band until 5G licensees who purchase the spectrum when the FCC puts it up for auction initiate incompatible operations. In its Further Notice of Proposed Rulemaking (FNPRM) in WT Docket 19-348, the FCC had proposed to sunset the band for amateur radio in two phases, governed by when new licenses are issued rather than when the new licensees begin to use the spectrum. (Cont. on page 40)

ARRL Asks FCC to Allow 3.4-GHz Operation until Spectrum is Occupied

(Cont. from page 39)

In the FNPRM, the FCC solicited comments on whether alternatives exist to its proposal. “Amateur activities further the public interest and should be permitted to continue on a secondary basis unless and until a new primary licensee is ready to occupy the spectrum in a preclusive manner,” ARRL told the FCC. “At a minimum, amateur operations should be permitted to continue indefinitely in the 3.3 – 3.45 GHz spectrum, where no new flexible licenses are under immediate consideration. The Commission could consider whether a registration or other mechanism similar to that found in Section 97.303(g) would facilitate avoiding interference.”

Section 97.303(g) contains specific frequency-sharing requirements for the 2200- and 630-meter amateur bands. ARRL said its comments were without prejudice to its pending Petition for Reconsideration of the FCC proposal to delete the amateur secondary allocation from the entire 3.3 – 3.5 MHz band.

ARRL noted that some 1,000 comments have been submitted by individual amateurs and amateur organizations at the initial stage of this proceeding. Those included one from the Emergency Communications Coordinator in the California Governor’s Office of Emergency Services, who wrote: “Over the years the State of California Governor’s Office of Emergency Services Public Safety Communications Tactical Communications Unit has utilized Radio Amateur Television product during fire operations to gather intel and monitor threats to communications sites being affected by fires and fire weather events... Part of the backbone of the [amateur radio television] system utilizes the 3-GHz spectrum, and due to heavy spectrum usage in the 1.2 and 5.8 GHz spectrum, the 3 GHz spectrum becomes very important for frequency diversity supporting these networks...”

As ARRL noted, “Amateurs often select the 3.4-GHz spectrum precisely because other spectrum choices are sub-optimum or simply not available. Amateurs also are only secondary users on most of the other spectrum suitable for similar purposes,” ARRL said. “Links must be carefully engineered because of that secondary status, which applies to most of the 2.4- and all of the 5.8-GHz bands available to amateurs. In many geographic areas, it is a misconception that the 3.4 GHz operations easily can be moved to other bands.”

ARRL emphasized the importance of allowing amateurs to continue to use the 3.4 – 3.45 GHz portion in particular. “As stated by commenters during the initial stage of this proceeding, some of the equipment commonly used in this band for network linking cannot be re-channelled below 3.4 GHz,” ARRL said.

ARRL pointed out that in many geographic areas it could be years before the 3 GHz spectrum is actually put into use by commercial users, and argued that amateur radio should be allowed to continue to operations on a secondary, non-interference basis as it has done for decades with federal primary users, until new uses actually begin, rather than when licenses are issued.

Coast Guard Proposes to Discontinue HF Voice Watchkeeping



The US Coast Guard has invited comments by January 21, 2021, on a proposal to discontinue HF voice watchkeeping.

The proposal appeared on November 20 in the Federal Register. The USCG proposes to cease monitoring 4125, 6215, 8291, and 12,290 kHz, in the contiguous US and Hawaii, due to a lack of activity.

“We believe this change would have a low impact on the maritime public, as commercial satellite radios and Digital Selective Calling (DSC) marine-SSB HF radios have become more prevalent onboard

vessels,” the Coast Guard said. “However, we would like your comments on how you would be affected if we terminated monitoring HF voice-only distress frequencies within the contiguous US and Hawaii, particularly if you use HF, but do not currently have a commercial satellite radio or an HF DSC-capable radio aboard your vessel.”

The Coast Guard said it would continue to monitor HF DSC distress alerting for all existing regions and voice distress and hailing from Kodiak, Alaska, and Guam. The Maritime Mobile Service Net (MMSN) on 14.300 MHz remains available to less-equipped mariners who need assistance in emergencies.

Still Time to Apply for Foreign Service Information Management Technical Specialists-Radio Positions



The deadline to apply for US Department of State Foreign Service Information Management Technical Specialists-Radio (IMTS-R) positions is December 1, 2020.

Foreign Service IMTS-Rs design, install, and maintain radio and telecommunications systems. They provide radio support for presidential, congressional, and other VIP visits. These radio specialists work from a regional location, overseas, or domestically. Extensive travel is required to support radio telecommunications

systems, such as land mobile radio (LMR), HF, VHF, and UHF radio networks at State Department missions around the world.

Potential applicants should read the Foreign Service Specialist Foreign Service Specialist selection process page before applying. To begin the online application process, visit position announcement. The deadline to submit completed applications is December 31, 2020. Applicants must be US citizens, at least 20 years old to apply, and at least 21 years old to be appointed. Applicants must also be available for worldwide service and be able to obtain all required security, medical, and suitability clearances. Email for additional information.

Arizona Congresswoman Introduces National Amateur Radio Operators Day Resolution



US Representative Debbie Lesko of Arizona has introduced a resolution designating April 18, 2021, as National Amateur Radio Operators Day, to recognize the important contributions of amateur radio operators. “Amateur radio operators are critical in times of crisis and our communities are safer thanks to their dedication to sharing important information with the public,” Lesko said. She was approached to introduce the resolution by 12-year-old Raymond, N7KCB, from Peoria, Arizona.

“I started Long Distance Responders so I can help prepare the community for emergencies with amateur radio,” said Raymond. “There might be a price for a radio, but the ability and knowledge to help someone is truly priceless.”

As Lesko’s resolution notes, World Amateur Radio Day (WARD) is celebrated annually on April 18 to commemorate the founding of the International Amateur Radio Union (IARU) in 1925, and she said her resolution recognizes the amateur radio community with a national day in the United States in 2021. The resolution cites the Amateur Radio Emergency Service (ARES®) for providing “invaluable emergency communications services following recent natural disasters, including but not limited to helping coordinate disaster relief efforts following Hurricanes Katrina, Wilma, and Maria and other extreme weather disasters.”

Damaged Giant Radio Telescope at Arecibo Observatory Deemed Beyond Repair



The damaged 305-meter radio telescope at Arecibo Observatory in Puerto Rico will be decommissioned due to safety concerns, the National Science Foundation (NSF) announced on November 19. The iconic dish has served as a backdrop for several science fiction movies. The Arecibo Observatory Amateur Radio Club, KP4AO, is headquartered at the research facility, and several radio amateurs are employed there.

“Following a review of engineering assessments that found damage to the Arecibo Observatory cannot be stabilized without risk to construction workers and staff at the facility, the US National Science Foundation will begin plans to decommission the 305-meter telescope, which for 57 years has served as a world-class resource for radio astronomy, planetary, solar system, and geospace research,” the NSF said. “The decision comes after NSF evaluated multiple assessments by independent engineering companies that found the telescope structure is in danger of a catastrophic failure, and its cables may no longer be capable of carrying the loads they were designed to support.”

NSF said several assessments suggested that any attempts at repairs could put workers in potentially life-threatening danger, and even if repairs were possible, engineers found that “the structure would likely present long-term stability issues,” NSF said. (Cont. on page 43)

Damaged Giant Radio Telescope at Arecibo Observatory Deemed Beyond Repair (Cont. from page 42)

NSF Director Sethuraman Panchanathan expressed regret about what he called “a profound change,” and said the observatory will explore ways to assist the scientific community and maintain its strong relationship with the people of Puerto Rico.


Engineers have been examining the monster dish since August, when one of its support cables let go. NSF authorized the University of Central Florida, which manages Arecibo, to take what it called “all reasonable steps and use available funds to address the situation while ensuring safety remained the highest priority.”

Engineers had designed, and were ready to implement, emergency structural stabilization of the auxiliary cable system, but while arranging delivery of two replacement cables and two temporary cables, a main cable broke on the same tower on November 6. Based on the stresses borne by the second broken cable, engineers concluded that the remaining cables were likely weaker than originally projected. The cables, connected to three towers, suspend a 900-ton instrument platform that hangs 450 feet above the dish.

“Until these assessments came in, our question was not if the observatory should be repaired but how,” said Ralph Gaume, director of NSF’s Division of Astronomical Sciences. “But in the end, a preponderance of data showed that we simply could not do this safely. And that is a line we cannot cross.”

The decommissioning plan focuses only on the 305-meter telescope and is intended to safely preserve other parts of the observatory that could be damaged or destroyed in the event of an unplanned, catastrophic collapse, NSF said. “The plan aims to retain as much as possible of the remaining infrastructure of Arecibo Observatory, so that it remains available for future research and educational missions.” — The National Science Foundation

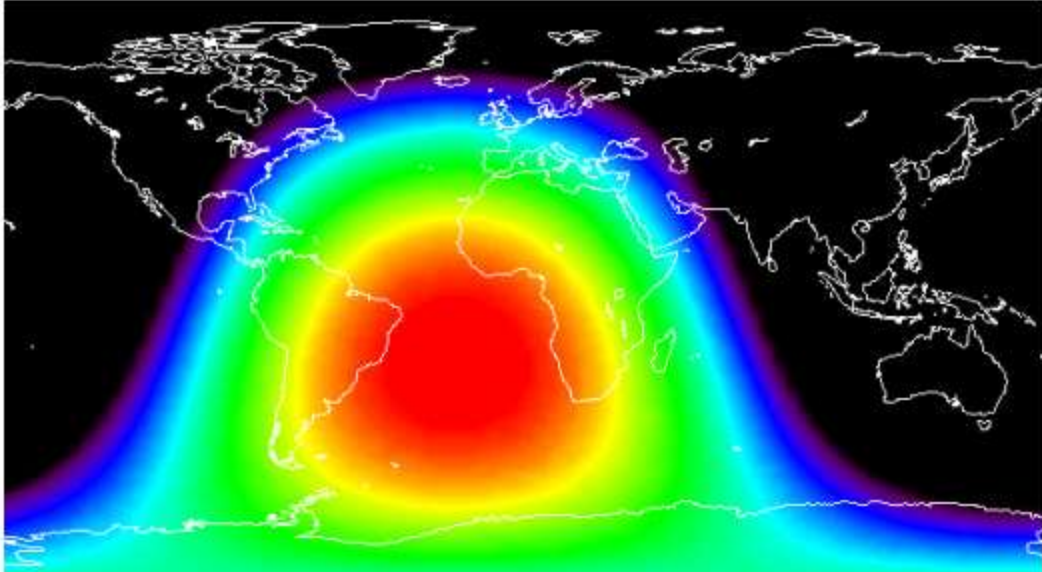


spaceweather.com
Many members commented about this article

Space Weather News for Nov. 29, 2020
<https://spaceweather.com>
<https://www.spaceweatheralerts.com>

MAJOR SOLAR FLARE: Today, Earth-orbiting satellites detected the biggest solar flare in more than 3 years. The M4.4-category eruption produced a shortwave radio blackout over some parts of Earth and a bright coronal mass ejection (CME). Remarkably, the flare was even bigger than it seemed. The blast site is located just behind the sun's southeastern limb, so the explosion was partially eclipsed by the body of the sun. Visit [Spaceweather.com](https://spaceweather.com) for the full story.

Instant solar flare alerts: Sign up for [Space Weather Alerts](https://spaceweatheralerts.com) and receive a text message when strong solar flares are underway.



Above: This "D Region Absorption" map from NOAA's Space Weather Prediction Center shows where shortwave radio propagation was affected by today's solar flare.

QST de W1AW
ARRL Bulletin 38 ARLB038
From ARRL Headquarters
Newington CT December 2, 2020
To all radio amateurs

SB QST ARL ARLB038
ARLB038 FCC to Require Email Addresses on Applications

Amateur radio licensees and candidates will have to provide the FCC with an email address on applications, effective sometime in mid-2021.

If no email address is included, the FCC may dismiss the application as defective.

The FCC is fully transitioning to electronic correspondence and will no longer print or provide wireless licensees with hard-copy authorizations or registrations by mail.

A Report and Order (R&O) on "Completing the Transition to Electronic Filing, Licenses and Authorizations, and Correspondence in the Wireless Radio Services" in WT Docket 19-212 was adopted on September 16. The new rules will go into effect 6 months after publication in the Federal Register, which hasn't happened yet, but the FCC is already strongly encouraging applicants to provide an email address.

When an email address is provided, licensees will receive an official electronic copy of their licenses when the application is granted.

The Report and Order can be found in PDF format online at,
<https://www.fcc.gov/document/fcc-adopts-electronic-licensing-report-and-order>

Under Section 97.21 of the new rules, a person holding a valid amateur station license "must apply to the FCC for a modification of the license grant as necessary to show the correct mailing and email address, licensee name, club name, license trustee name, or license custodian name." For a club or military recreation station license, the application must be presented in document form to a club station call sign administrator who must submit the information to the FCC in an electronic batch file.

Under new Section 97.23, each license will have to show the grantee's correct name, mailing address, and email address. "The email address must be an address where the grantee can receive electronic correspondence," the amended rule will state. "Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct email address."

W1AW Schedule

PAC	MTN	CENT	EAST	UTC	MON	TUE	WED	THU	FRI
6 AM	7 AM	8 AM	9 AM	1400		FAST CODE	SLOW CODE	FAST CODE	SLOW CODE
7 AM-1 PM	8 AM-2 PM	9 AM-3 PM	10 AM-4 PM	1500-1700 1800-2045	VISITING OPERATOR TIME (12 PM-1 PM CLOSED FOR LUNCH)				
1 PM	2 PM	3 PM	4 PM	2100	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE
2 PM	3 PM	4 PM	5 PM	2200	CODE BULLETIN				
3 PM	4 PM	5 PM	6 PM	2300	DIGITAL BULLETIN				
4 PM	5 PM	6 PM	7 PM	0000	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE
5 PM	6 PM	7 PM	8 PM	0100	CODE BULLETIN				
6 PM	7 PM	8 PM	9 PM	0200	DIGITAL BULLETIN				
6 ⁴⁵ PM	7 ⁴⁵ PM	8 ⁴⁵ PM	9 ⁴⁵ PM	0245	VOICE BULLETIN				
7 PM	8 PM	9 PM	10 PM	0300	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE
8 PM	9 PM	10 PM	11 PM	0400	CODE BULLETIN				

W1AW's schedule is at the same local time throughout the year. From the second Sunday in March to the first Sunday in November, UTC = Eastern US time + 4 hours. For the rest of the year, UTC = Eastern US time + 5 hours.

♦ Morse code transmissions: Frequencies are 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 50.350, and 147.555 MHz.

Slow Code = practice sent at 5, 7½, 10, 13, and 15 WPM.

Fast Code = practice sent at 35, 30, 25, 20, 15, 13, and 10 WPM.

Code bulletins are sent at 18 WPM.

For more information, visit us at

www.arri.org/w1aw

♦ W1AW Qualifying Runs are sent on the same frequencies as the Morse code transmissions. West Coast qualifying runs are transmitted by various West Coast stations on CW frequencies that are normally used by W1AW, in addition to 3590 kHz, at various times. Underline 1 minute of the highest speed you copied, certify that your copy was made without aid, and send it to ARRL for grading. Please include your name, call sign (if any), and complete mailing address. Fees: \$10 for a certificate, \$7.50 for endorsements.

♦ Digital transmissions: Frequencies are 3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, 50.350, and 147.555 MHz.

Bulletins are sent using 45.45-baud Baudot, PSK31 in BPSK mode, and MFSK16 on a daily revolving schedule.

Keplerian elements for many amateur satellites will be sent on the regular digital frequencies on Tuesdays and Fridays at 6:30 PM Eastern time using Baudot and PSK31.

♦ Voice transmissions: Frequencies are 1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, 50.350, and 147.555 MHz. Voice transmissions on 7.290 MHz are in AM double sideband, full carrier.

♦ Notes: On Fridays, UTC, a DX bulletin replaces the regular bulletins. W1AW is open to visitors 10 AM to noon and 1 PM to 3:45 PM Monday through Friday. FCC-licensed amateurs may operate the station during that time. Be sure to bring your current FCC amateur license or a photocopy. In a communication emergency, monitor W1AW for special bulletins as follows: voice on the hour, teleprinter at 15 minutes past the hour, and CW on the half hour.

W1AW code practice and CW/digital/phone bulletin transmission audio is also available real-time via the *EchoLink Conference Server* W1AWBDCT. The conference server runs concurrently with the regularly scheduled station transmissions. The W1AW Qualifying Run texts can also be copied via the *EchoLink Conference Server*.

During 2020, Headquarters and W1AW are closed on New Year's Day, Presidents Day (February 17), Memorial Day (May 25), Independence Day (July 4), Labor Day (September 7), Veterans Day (November 11), Thanksgiving and the following day (November 26 and 27), and Christmas (December 25).

