



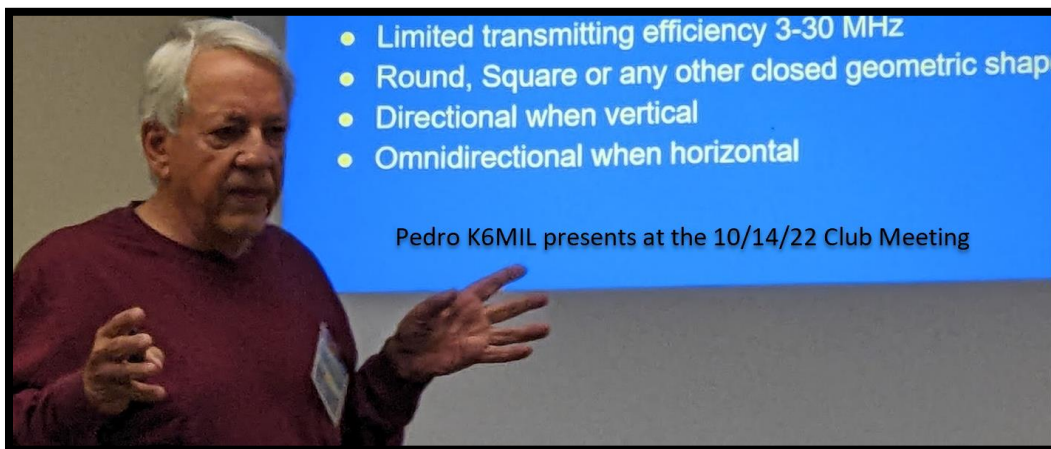
Club Info:

Our call sign is K6MEP and our website is K6MEP.ORG. We invite anyone who is interested in amateur radio to explore our website or attend one of our meetings. We meet on the second Friday of every month, except in December. Our meetings are held at The Dudley House 197 N Ashwood Ave Ventura CA. The meeting starts at 19:00. We have a donation table and a “freebie” table. During the meeting we start with a flag salute and introductions. We then discuss club business and then have a social half-hour that begins about 20:00. After the short break, we have a presentation. After the meeting is adjourned, some members go to Toppers Pizza to socialize. Come by, join us, and share your ham radio interests.



The Inside Story

Club Info:.....	1
Message from the President.....	3
Minutes of the October 9th, 2022, VCARC Board Meeting.....	5
Minutes of the October 14, 2022 General Membership Meeting.....	8
K6MEP Monday Night Net Update by Robert KM6RSS.....	10
µField Day October 29, 2022 by Robert KM6RSS.....	11
Herd on the Net by Denney N6HV, Club Equipment Manager.....	12
ShakeOut 2022 - Winlink DYFI Reports to USGS a Great Success!.....	13
Fixing KE6BBP's Icom IC-2000H Mobile Transceiver by Dave Schmidt AI6VX.....	14
Trivia by Dana KG6WXE.....	16
K6MEP Monday Night Net Script.....	17
Selected Contests & Special Events.....	19
Contest Corral.....	20
Upcoming FCC Exam Session Preparation Sites.....	21
Upcoming FCC Exam Test.....	22
On Exam Day Bring the Following Items:.....	23
Convention and Hamfest Calendar.....	24
ARRL Santa Barbara Section News by John R Kitchens, NS6X.....	25
ARRL News.....	26
US Amateur Radio Bands.....	27
W1AW Schedule.....	28



Message from the President

The Prez Sez,

November is upon us and Election Day has become the focus of the nation, as well as our club. Please remember to vote on Friday, November 11th for our K6MEP seven elected positions; comprised of four officers and three board members at large.

Percy Bysshe Shelley wrote another verse I like that speaks to last day of October and the month of November... "O Wild West Wind, thou breath of Autumn's being. Thou, from whose unseen presence the leaves dead are driven, like ghosts from an enchanter fleeing." This poem conjures up in my mind the premonition of antenna-bending winds and admonishes me to once again check the guy and grounding wires. It seems like I do this every fall month (and write about it every fall month, too).

Looking backward: At October's meeting we had a very informative presentation by Pedro Morillas (K6MIL). Pedro used both PowerPoint slides and a movie about his experiments with a Mazzoni MIDI Automatic Magnetic Loop Antenna. Many questions were asked and several members offered their own experiences and knowledge of Magnetic Loop design and use. Many thanks to all who attended and shared their ideas, opinions and support of the presenters and club as a whole. Additional thanks to Linda Shank for bringing the refreshments and all who helped with the set-up and take-down of the tables and chairs (especially Dana KG6WXE).

(Continued on Next Page)

Club Offices	And Keyer	Contributors
President	Robert Shank	KM6RSS
Vice-President	Clement Alberts	KM6OKZ
Secretary	Phil Cohen	WA6BUZ
Treasurer	John Gartman	W6JPG
Board Member	Burt Auerbach	KA6BJA
Board Member	Dave Schmidt	AI6VX
Board Member	Mark Swaney	KD6ASL
Program Manager	Clement Alberts	KM6OKZ
Equipment Mgr.	Denney Pistole	N6HV
Refreshments	Linda Shank	
Facilities	Richard Abbey	WB6AEW
Keyer Editor	Robert Shank	KM6RSS
Webmaster	Robert Shank	KM6RSS
Domain	Phil Cohen	WA6BUZ
Membership	Robert Shank	KM6RSS
License Trustee	Dave Schmidt	AI6VX
ARRL Club Rep.	Dave Schmidt	AI6VX
ACS/ARES Rep.	Burt Auerbach	KA6BJA
Monday Night Net	Robert Shank	KM6RSS
QSL Manager	Ben Holmes	K6QV
Safety Officer	Mark Vodon	KI6PTE
PIO/Trivia	Dana Wentling	KG6WXE
Columnist	Dave Schmidt	AI6VX
Columnist	Denney Pistole	N6HV
Columnist	John Kitchens	NS6X

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 about 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.

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Submit material by email to KM6RSS@arrl.net.
Our club mailing address is:
K6MEP
PO Box 2103
Oxnard, CA 93034-2103

K6MEP holds general membership meetings at 7:00 PM on the 2nd Friday of each month (except December). Dues are \$20 per year.

Message from the President (Continued)

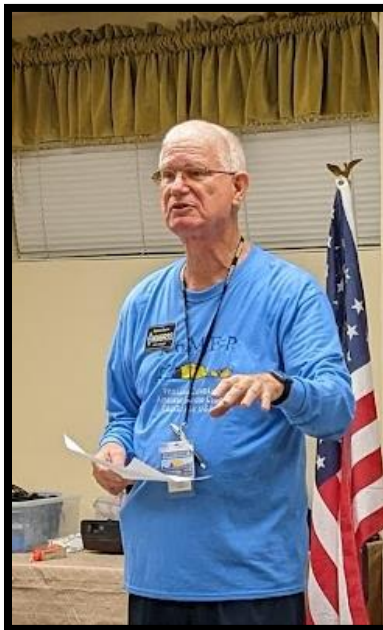
Unfortunately Richard Abbey WB6AEW was unable to make the meeting; he usually sets up and helps return the room to its original layout. We really appreciate all that he does for the club. Our club joined with the Bored Net on 10/29/22 and held a μ Field Day; everyone had a great time!

Looking Forward: The club presenter for this month is scheduled to be Mark Thompson AE6GD who will discuss "CW Mode Operation" and we will nominate and vote for our officers and board.

We are continuing to collect RSVPs for our DecemberFest club party at the meeting. We have 34 signed up to date and the venue is Ventura's Black Bear Diner. Please see k6mep@groups.io or our website, k6mep.org, for more details.

As my **safety share** to you, remember that Daylight Saving Time ends every year (until the state and federal government changes the law) on the first Sunday in November (the 6th). It will start to get darker earlier. As we set our clocks backward by one hour in most areas of the country, while driving at night, please remember to slow down to compensate for limited visibility and reduced stopping time. Also remember to change your batteries in your smoke and CO alarms (if they aren't the 10-year type). It is also a good time to test them for functionality.

See you all at the Friday the 11th of November club meeting at the Dudley House with your ideas, energy and suggestions!



73,
Robert Shank KM6RSS
President, VCARC

Minutes of the October 9th, 2022, VCARC Board Meeting

MEETING LOCATION: Zoom

TIME: 19:00 to 20:00

Timekeeper: Dave

CALL TO ORDER at 19:08

Attending: John, Dave, Burt and Robert (quorum).

Committee chairpersons and Guests: Jeremy, Mark Vodon, Denney, Tim

Welcomed all

Minutes: (Phil WA6BUZ) Robert represented Phil.

- Dave made the motion with Burt seconding to approve minutes of the September 4th board meeting as published in the October Keyer. All board members present voted "Aye".
- Burt made the motion with John seconding to approve minutes of the September 9th regular meeting as published in the October Keyer. All board members present voted "Aye".
- Membership Roster with new members was sent to all board members. Jim Smart AE6EG is our 61st member.

Officers Report: (John W6JPG)

- Treasurer: John has sent out the treasure's report to the board members; Dave made the motion with Burt seconding to approve. All board members votes "Aye".
- John to make (already voted and approved at our last board meeting) customary payment of \$100 to Dudley House for picnic and micro Field Day scheduled for October 29th (after the completion of the event) to Richard WB6AEW who is our facilities manager.
- John paid the annual club liability insurance

Committee Reports:

- **Youth Committee** (Tim KN6JGB)
 - Jamboree on the Air is coming soon and Tim will be posting more information on our Groups.io. Tim is interested in contacting a local high school to determine if an amateur radio club can be started.
- **Members Health and Safety** (Mark KI6PTE)
 - Jeremy is Mark's back-up in case Mark is unavailable to attend our meetings.

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Minutes of the October 9th, 2022, VCARC Board Meeting (Continued)

Committee Reports (Continued)

- **ARRL Chair** (Dave AI6VX)
 - We will apply to the ARRL in 2023 for K6MEP to provide Ham Exam with board and membership approval as we will need to have a location to hold the exams and if we can do this (maybe every two months) we will need to pay for the space.
 - Dave emailed John Kitchens, our SB SM but hasn't received any response yet. It was recommended that he call him.
- **ACS/ARES Chair** (Burt KA6BJA)
 - Anything to report on VC activities? The Ride for the Red is coming up on November 12th and is fully staffed.
- **DecemberFest** (Robert KM6RSS)
 - Black Bear Diner has been reserved – 32 plan to attend (so far)
 - Buffet main and side dishes to be selected by those who will attend

Special Orders:

- **Inventory** (Denney N6HV)
 - TRW sales results for August (~\$300) and September (~\$200)
 - Denney plans on going to TRW on October 29th; if you have a personal item to sell under consignment, contact Denney.
 - Denney needs to pass all donation sales money collected from club members to John (John was unavailable at the September 9th club meeting).
 - Inventory update of sold and new items to be updated on website and Bored Net Spreadsheet
https://docs.google.com/spreadsheets/d/182qhnBNPygT_ZoqguXykNaQTQ_VrJ_Hlf2QtMOM2p-po/edit#gid=0

Unfinished Business:

- **Micro Field Day** (October 29)
 - Dave will bring briquets and 2 flats of water. Tim will bring ice and popcorn (with popper) and Robert will bring an ice chest with ice.
 - Dave made a motion with Burt seconding to reimburse up to a total of \$60 to those who bring above items and provide receipts. All board members votes "Aye".

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Minutes of the October 9th, 2022, VCARC Board Meeting (Continued)

Club Needs:

- Monday Night Net (the net control operator for October 17 is Burt and for the 24th is Denney. Robert has volunteered for the 31st)
- Nominations for Club Officers
 - Robert to send out groups.io message asking members to nominate officers and board and send nominations to Phil. To be printed on the ballot, the nominations are due by October 31st.
- Dues are due this month and Robert will send out a groups.io message with link to PayPal for easy payment.

New Business:

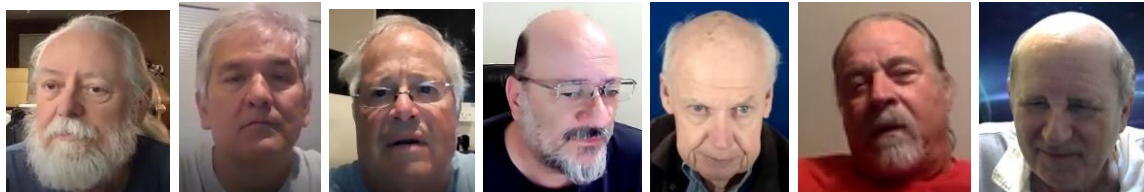
- Tim asked about CSCI's request concerning repeaters in Ventura County. Robert directed Tim to K6MEP.ORG's presentations page where Paul WD6EBY's presentation on that subject is located.

Announcements:

- Our next club meeting is scheduled for October 14th at the Dudley House. Pedro K6MIL will present "Mazzoni MIDI Automatic Magnetic Loop Antennas Experiments"

Adjournment:

- Burt made the motion to adjourn with Dave seconding it. All four board members voted their approval and the meeting ended at 20:14.



Minutes of the October 14, 2022 General Membership Meeting

MEETING ADDRESS: Dudley Historical House, Ventura

ATTENDANCE: Listed on Roll Check-In Sheet

CALL TO ORDER 19:03

MEETING MINUTES

Open meeting with Welcome and Pledge of Allegiance Lead by Robert

Introductions: Board members and visitors

Guests: Larry Gray, Jacques KN6VBQ and Paul KM6SIE.

Committee Reports:

Events: Discussed our club's final plans to host a micro-Field Day county-wide activity on October 29th at the Dudley House. We will provide fire (briquettes), water and ice (and Tim will bring popcorn and a popper) and block off the parking to allow for the maximum equipment set up. Parking would be at doctor's office next door and/or on street. Thanks also to Dave for buying and bringing water and the briquettes. Keith W6KME spoke about the general overview and history of the previous micro Field Days and the Bored Net.

Health and Safety: Mark was absent. We do maintain a well-stocked first aid kit.

Club Inventory: Denny talked about the TRW swap meet. We made about \$200.00 on misc. junk sales. He plans on going again on Saturday the 29th.

K6MEP Monday Night Contest: Robert announced the K6MEP Monday Night Contest status as of week 41; 673 check-ins with 98 visitors and a 16.41 average. Although he asked for volunteer as net control operators for the month of November, no one signed the sheet.

ARRL Liaison (Dave AI6VX): Dave would like the club to participate in the ARRL VE program. Dave stated that he is in contact with Andy Ludlum K6AGL and the ARRL to obtain more information and the requirements for the VE process.

ACS/ARES Liaison (Burt KA6BJA). The Ride for the Red is November 12th.

DecemberFest: The date is December 9th and the location is the Black Bear Diner at the corner of Harbor and Seaward in Ventura just off the 101. An attendance poll is on groups.io as well as a response sheet on the clipboard in the back of the room. At this point there are 34 who have signed up for the event.

Youth Outreach: Tim KN6JGB wasn't in attendance so there wasn't a report about the Boy Scout Jamboree on the Air although our groups.io had the days and frequencies posted.

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Minutes of the October 14th 2022 General Membership Meeting (Continued)

Dues are due by the end of October; payment can be made by check or cash to our treasurer or PayPal via our K6MEP website's donate button.

Election nominations are being collected. Nominations can be mailed to secretary@k6mep.org. The final call for nominations from the floor will be at time of election, at the November 11th meeting. They may be made by any voting member for themselves or another voting member.

New Business:

No New Business

Break for social activities and refreshments

At 20:06 the break was over and Robert introduced the speaker and topic.

Presentation • Pedro K6MIL presented "Mazzoni MIDI Automatic Magnetic Loop Antennas Experiments" and many members asked questions and/or provided their knowledge of these types of antennas. Some members think that they would be great for limited space or areas with restrictions.

Presentation ended 20:45 hours.

Announcements:

The next **Board Meeting** (on Zoom) is November 6th; everyone is invited to attend using the credentials posted on our calendars (K6MEP and Groups.io).

Our club's **next meeting** date is November 11th. Mark Thompson AE6GD will present "CW Mode Operation" and we will nominate and vote for our officers and board.

Thanks to Linda Shank who brought refreshments for tonight's meeting.

Meeting **adjourned** 8:50. Mark made motion to close with Bob second. All were in favor.

OFFICER ATTENDEES

OFFICE	LAST	FIRST	CALL SIGN	PRESENT
PRESIDENT	Shank	Robert	KM6RSS	X
VP	Alberts	Clement	KM6OKZ	
TREASURER	Gartman	John	W6JPG	X
SECRETARY	Cohen	Phil	WA6BUZ	X
BOARD	Swaney	Mark	KD6ASL	
BOARD	Schmidt	Dave	AI6VX	X
BOARD	Auerbach	Burt	KA6BJA	X

K6MEP Monday Night Net Update by Robert KM6RSS

Our new Monday Night Net Contest started Monday, January 3rd and will end on December 5th. Contact me to volunteer to be the net controller.

Below are the current Monday Night Net Contest Totals. Our groups.io has all of the Monday Night Net Contest documents in the files folder. Our contest-to-date total over 44 weeks is 724 check-ins with 106 visitors and an average of 16.45.

Monday Night Net Contest Totals to			
Week	Date	Total	Visitors
1	1/3/2022	15	2
2	1/10/2022	17	2
3	1/17/2022	14	1
4	1/24/2022	20	3
5	1/31/2022	19	1
6	2/7/2022	17	4
7	2/14/2022	14	2
8	2/21/2022	16	2
9	2/28/2022	11	1
10	3/7/2022	14	1
11	3/14/2022	17	2
12	3/21/2022	15	1
13	3/28/2022	13	0
14	4/4/2022	17	2
15	4/11/2022	18	4
16	4/18/2022	15	1
17	4/25/2022	19	3
18	5/2/2022	16	3
19	5/9/2022	12	1
20	5/16/2022	20	7
21	5/23/2022	20	3
22	5/30/2022	20	6
23	6/6/2022	16	2
24	6/13/2022	14	3
25	6/20/2022	18	3
26	6/27/2022	18	2
27	7/4/2022	15	2
28	7/11/2022	11	1
29	7/18/2022	11	1
30	7/25/2022	20	8
31	8/1/2022	17	5
32	8/8/2022	15	2
33	8/15/2022	20	3
34	8/22/2022	17	1
35	8/29/2022	20	2
36	9/5/2022	16	0
37	9/12/2022	17	1
38	9/19/2022	14	1
39	9/26/2022	16	0
40	10/3/2022	20	4
41	10/10/2022	19	5
42	10/17/2022	18	4
43	10/24/2022	16	3
44	10/31/2022	17	1
Total		724	106

μField Day October 29, 2022 by Robert KM6RSS



We had about 30 people at the μField Day this Saturday (from 11 to 15:30 hours). K6MEP members provided ice, water, briquettes for cooking, and Tim brought his popcorn maker and Irish stew to share. Several others brought fried chicken, sausages, hot dogs and a few hamburgers with all of the fixings. At least eight antennas were set up and most of the bands were tested out. Several QSOs were made to foreign countries and Phil and Ben (sitting under a tree near the parking lot) were talking about their big FT8 contact with Dave who was sitting under the trellis in the back on his QRP rig. Many thanks to Keith and Zak who organized the event and all those who brought food, drink, equipment and interest in seeing how others load their go-boxes and set up "in the field" for possible emergency communications. K6MEP was proud to host the event at the beautiful Dudley House in Ventura where the weather was great! Check out the photos at <https://photos.app.goo.gl/toujMRhHPPq2xEM5673>, Robert KM6RSS President VCARC



Herd on the Net by Denney N6HV, Club Equipment Manager

The Monday night K6MEP net on the WD6EBY 145.200 MHz repeater, is going strong. We had 16 check ins on Monday the 24th. Remember the net is open to all amateur radio operators.

After check-ins we had the usual discussions of what the operators who checked-in had been up to during the past week.

I, N6HV, had been very busy all week. I did report that propagation had been fair, compared to the week before. I had been getting ready for the upcoming TRW, sorting stuff and repairing things for the event. I would not be able to make it to the μ Field Day and will miss being there.

Robert, KM6RSS has been having his desktop computer fail to completely boot up. He is troubleshooting it on a component-by-component basis to determine the issue. He did find time to participate in the Great Shake Out drill which was conducted by ACS/ARES for Ventura County.

Pedro, K6MIL, got a tree removed from his back yard so he could better locate his new loop antenna. He will be digging up plants and moving them plus digging a hole for the foundation for the pipe to hold up the new antenna.

Kurt, KN6TNK has been working some 20 meter CW.

Burt, KA6BJA has finished up a major wood working project. I hope he now has some time to do a little hamming. He was planning to go the police and fire TNC node and see if he can get it working. Robert will be there to help him.

Tom, N6QDI, built a tape measure antenna. I need to throw one of those together myself.

Bob, KD6UDA, has been working too much overtime He is planning on finishing up his loop in time for the mini field day. He's got it working, but needs to wrap up some lose ends. He also mentioned something about a code key. There seems to be a lot of interest by several members in CW.

Scott, KD6FOV, has put up a just completed California J pole antenna and it's working well.

Mike, KF6UV, just got a small lathe. He mentioned that it needs a little work on the speed control.

Fernando, KI6OKT, also participated in the Great Shake Out drill. We just had a magnitude 5 earth quake in San Francisco. That should remind us that we should be prepared for earth quakes and other emergencies. Is your go kit ready and your batteries charged?

During the Zoom meeting that followed the net we talked to Stu, AG6AG, about the antenna group that got together in Thousand Oaks. He said the get together went well. Although some people are a little hard headed when it comes to antennas. We also talked about the up coming μ Field Day. Lots of interest in the event.

Stewart, WB6BOV, is still working on getting his HF antenna up in a fake tree.

73, Denney N6HV



ShakeOut 2022 - Winlink DYFI Reports to USGS a Great Success!

By [Oliver K6OLI](#) | Winlink Development Team

Thank you to all stations who submitted Winlink DYFI reports to USGS for Shakeout 2022!

During ShakeOut 2022 volunteer radio operators submitted Winlink “Did You Feel It?” (DYFI) exercise reports to the United States Geological Survey (USGS). Radio operators from around the world participated in the October 20 exercise.

WHY IT MATTERS

Radio operators provide ground truths in a short time after an event with Winlink DYFI reports. That is of particular value when disasters compromise commercial communications.

USGS “Did You Feel It?” reports the effects of an earthquake on the earth’s surface. USGS uses the reports to determine earthquake intensity. DYFI reports also inform [USGS PAGER](#) products. First responders, agencies, governments, organizations and communities use PAGER to assess earthquake impact.

Regular Winlink practice increases community resilience and readiness to respond.

BY THE NUMBERS

- USGS mapped 771 reports
- Volunteer radio operators participated from the United States US and Puerto Rico PR, Canada CA, the Philippines PH, Austria AT, Germany DE, the United Kingdom GB, and Australia.
- 65% of Winlink DYFI reports were sent via radio, 35% via internet.

WHAT WE NOTICED

- The quality of the reports was high overall. Most operators paid close attention to the instructions.
- There was strong participation from the US, Canada and the Philippines.

NEXT STEPS

- Train more operators in geolocation. A sizable number of US reports misreported their longitude.
- Coordinate a uniform exercise ID for the next ShakeOut to reduce workload on USGS.

Winlink DYFI Reports mapped by USGS (Raw data)

Notes:

- Stations in Kazakhstan and China are North American stations missing the - (minus) in their longitude.
- Philippine stations reported from the Philippines.

DIVE DEEPER

- [USGS Live Scenario](#). USGS ran a live scenario which displayed volunteer radio reports coming in on an intensity map. Every point on the map represents one or more Winlink DYFI reports received by USGS.

Fixing KE6BBP's Icom IC-2000H Mobile Transceiver by Dave Schmidt AI6VX

Lloyd Oleson (KE6BBP) approached me at the September club picnic and asked if I would troubleshoot his Icom IC-2000H transceiver. It received fine but had no output power when transmitting. Given the age of the radio, and knowing that it used an obsolete RF amp module, I warned Lloyd that the radio might not be worth fixing. Regardless, I agreed to find out what was wrong with it.

The first thing I did was to verify the problem. Using my HP 8920A communication test set, I keyed up the Icom and only measured 70mW of RF power regardless of the power setting. Problem confirmed. Since I was seeing weak RF power, the problem was likely after the RF driver circuit. The RF amp module could indeed be bad.

Using the schematic from Icom's very good documentation for this radio, I checked the signals on each of the 4 pins of the RF amp module - all were okay. The RF amp was definitely bad. Google showed RF Parts had the SC-1091 RF module for \$97! EBay had many listings for \$30, but all were from China. \$30 is a lot to spend on a part that may be bad or counterfeit. It appeared that this would be the end of the road for this 22 year old radio.

Wondering if the RF module itself could be repaired, I went back to Google. Searching, I found someone who repaired a similar module in his Kenwood. His problem was caused by broken trace due to the ceramic substrate cracking inside. Could I be this lucky?

I de-soldered the 4 leads, removed 2 screws, and the module was free. Interestingly I found there was NO heat sink compound between the module and the machined aluminum chassis of the radio. Removing the clipped-on plastic cover revealed the hybrid circuit underneath. To the naked eye everything looked okay, however under the microscope told a different story. There was indeed a crack in the ceramic substrate, passing from the edge, between a pair of SMT caps, and going right under a wide, thick trace that fed the +13.8V supply to the bare die output transistor. A continuity check proved the trace was open on either side of the ceramic crack even though the thick trace itself only appeared discolored with a small fissure.

Given the width and thickness of the trace, I used solder-wick to bridge the fissure. Because the ceramic had very high thermal conductivity (beryllium oxide?), and was silver soldered (?) to the metal mounting plate, it was difficult to get enough heat to reflow the wick into the trace. Ultimately I was successful. The module cover was popped back on and the module itself reinstalled into the radio - this time WITH heat sink compound!

Powering up the radio, I now had full RF output power! Repair successful.

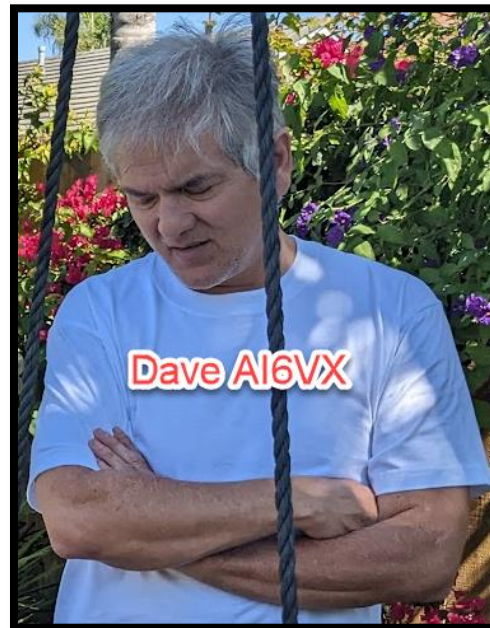
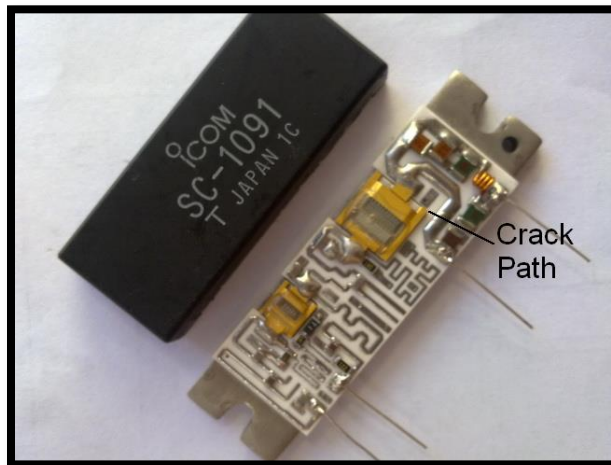
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Fixing KE6BBP's Icom IC-2000H Mobile Transceiver (Continued)

In the end, I think the crack occurred because of the lack of thermal compound between the RF module and the aluminum chassis of the radio. This allowed the module to get a lot hotter than it should have, and a crack formed. Add in years of thermal cycling, and the thick circuit trace fatigued, causing an open.

This was a fun 1 evening repair, and the radio was saved from the scrap bin.

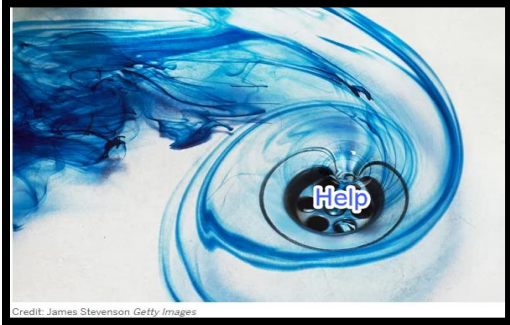
Dave - AI6VX



Trivia by Dana KG6WXE

DID YOU KNOW?

1. Water drains, in a bathtub, counterclockwise in the northern hemisphere but flows clockwise in the southern hemisphere?



2. Reese's peanut butter cups sell more than 2 billion dollars a year?



3. Americans eat an average of 98.3 lbs. of chicken a year?



Have a Happy Thanksgiving!
de
Dana Kg6wx

K6MEP Monday Night Net Script

“QST- QST- QST. This is (Name and Callsign), 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 and Callsign), tonight’s net control station for the Ventura County Amateur Radio Club Net. If, at any time, during tonight’s net, anyone needs this frequency for emergency or priority traffic, please call net control, and we will respond appropriately.

This is a directed net, open to all amateur radio operators and is sponsored by K6MEP, the call sign for the Ventura County Amateur Radio Club. 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. We will have a Zoom meeting following the net.

At this time I will call on tonight’s alternate net control station (Name and Callsign) (Pause for alternate NC check in with “how’s my signal “and respond appropriately). If for any reason my station should become inoperable the alternate net control station will proceed with the net.

K6MEP, the Ventura County Amateur Radio Club, meets at 19:00 hours on the second Friday of each month at The Dudley House, 197 N Ashwood Ave, Ventura, CA. The club meeting will also be on Zoom. Our next meeting will be on Friday (Month and day) at the Dudley House and Zoom, where (Name and Callsign) will present (name of topic). We urge any non-members interested in the Ventura County Amateur Radio Club 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 (phonetically), name and if you are a Ventura County Amateur Radio Club member. If you are not a member of the club, please include your QTH or location.

Please check in now. (You can use the quick check in list spreadsheet if it helps in logging check-ins).

(Continued on Next Page)

K6MEP Monday Night Net Script (Continued)

(If the check-ins are completed or there is a lull in the check-ins say:

“Hearing no other check-ins at this time, we will now begin with our Roundtable”

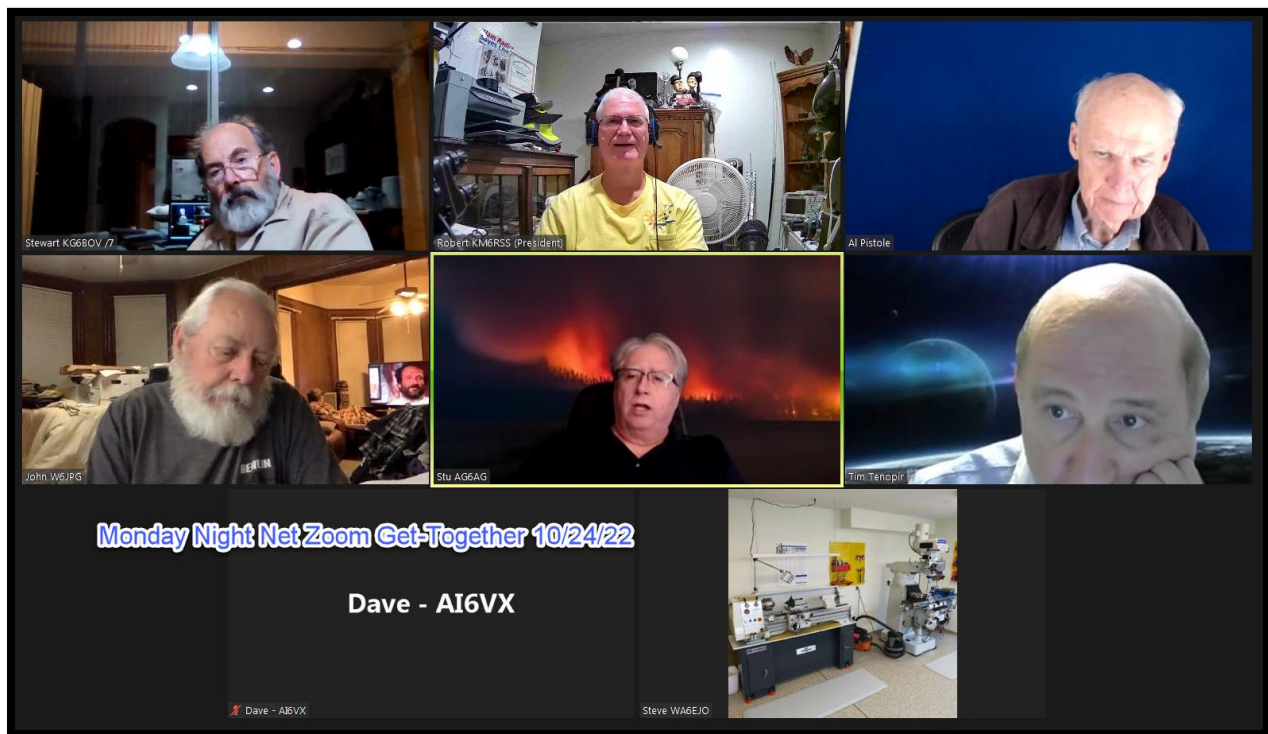
(Start with the first check-in and ask him/her about ham radio activities during last week, also ask another question that you think will spur the discussion, then move on to the next person).

During the Roundtable, pause every 10 minutes and identify yourself with “This is (Name and Callsign), tonight’s net control station for the Ventura County Amateur Radio Club Net”. Also ask if anyone wants to check-in. If you have completed the check-in and roundtable list, ask “Any last comments?” If none heard, ask “Any late, missed, or visitor check-ins? Please check-in now.”

If nothing is heard;

(Closing): This concludes the Ventura County Amateur Radio Club weekly net at _____ hours. Thank you for your interest and participation. Thanks to (Name and Callsign) for acting as the alternate net control operator. Also thanks to Paul Strauss, WD6EBY, for the use of the repeater for our K6MEP net.

73, this is (Name and Callsign), tonight’s Ventura County Amateur Radio Club net control, signing off and returning the repeater to its normal use.



Selected Contests & Special Events

Please see QST or the ARRL website (www.arrl.org) for any details and QSL information.

Maty Weinberg, KB1EIB, events@arrl.org; www.arrl.org/special-event-stations

Special Event Stations

Working special event stations is an enjoyable way to help commemorate history.
Many provide a special QSL card or certificate!

Oct. 15, 1300Z – 1900Z, W1M, Russell, MA. Western Massachusetts Council Scouts BSA. **JOTA/JOTI**. 7.190 10.115 14.060 14.290. QSL. Tom Barker, 329 Faraway Rd., Whitefield, NH 03598. *We will operate on Brandmeister talk group 907.*

Oct. 15 – Oct. 16, 1300Z – 2300Z, W4T, Gainesville, GA. Lanierland Amateur Radio Club and Hall County ARES. **Don Carter State Park POTA Support Your Parks Autumn Event**. 7.225 14.225. QSL. W4T Lanierland ARC/Hall ARES, P.O. Box 2182, Gainesville, GA 30503. www.lanierlandarc.org/p/2022-pota-meet-up.html

Oct. 29 – Nov. 6, 1700Z – 2359Z, W6HA/W6HA/7, Torrance, CA. Hughes and McMinville Amateur Radio Clubs. **Spruce Goose 75th Anniversary of Flight**. SSB: 3.833 7.233 14.233 21.333 28.333; CW: 3.533 7.033 14.033 21.033 28.033; 445.620 PL 127.3; 146.52 on 146.550. QSL. Brian Johnson, AB6UI, 5207 Lillian St., Torrance, CA 90503. *W6HA near Culver City/Long Beach, CA; W6HA/7 near McMinville, OR.* www.w6ha.org

Oct. 30 – Nov. 13, 0000Z – 2359Z, W8F, Livonia, MI. Livonia Amateur Radio Club. **47th Anniversary of the Sinking of the Edmund Fitzgerald**. 7.040 7.260 14.040 14.260. Certificate. Mike Rudzki, N8MR, 14071 Fairway St., Livonia, MI 48154. *Sat. Nov. 5, 1600 – 2030 UTC, W8F will operate from Dossin Great Lakes Museum, Detroit, MI, and POTA K-1487.* www.livoniaarc.com

Oct. 31 – Nov. 1, 0000Z – 0400Z, KC5BOO, Cleburne, TX. Club KC5NX. **Boo To You**. 14.074 14.278. QSL. Judy Cox, 3701 Park Rd. 21, Cleburne, TX 76033. www.kc5nx.com

Nov. 4 – Nov. 5, 2300Z – 2200Z, W9TAL, Ottawa, IL. The American Legion Post 33 Amateur Radio Club. **Vigil at the Ottawa War Memorial**. 3.55 3.9 7.06 7.2. QSL. Joe Tokarz, TALARC Post 33, 901 LaSalle St., Ottawa, IL 61350-2017. kb9ezz@yahoo.com or www.ottawaalpost33.com

Nov. 5, 1500Z – 2359Z, KB5A, Carrollton, TX. Metrocrest Amateur Radio Society. **Carrollton Festival at the Switchyard**. SSB: 7.155 14.235 21.305; digital: 7.070 7.155 14.070. QSL. See website for QSL information. www.kb5a.org

Nov. 5 – Nov. 6, 1500Z – 2355Z, W0JH/W0F, Stillwater, MN. Stillwater Amateur Radio Association. **2022 Remembering the Edmund Fitzgerald**. 3.860 7.260 14.260 21.360. Certificate & QSL. For certificate: w0jh22fitz@outlook.com; for QSL: W0JH, 1618 Pine St. W., Stillwater, MN 55082. *W0JH phone and digital at Split Rock; W0F phone and digital at club member QTHs.* www.radioham.org

Nov. 6, 1400Z – 2000Z, W4CA, Roanoke, VA. Roanoke Valley Amateur Radio Club. **Mill Mountain Star**. 7.265 14.265. QSL. Roanoke Valley ARC, P.O. Box 2002, Roanoke, VA 24009. *Commemorating the Roanoke Star on Mill Mountain.* www.w4ca.com/special-events

Nov. 10 – Nov. 13, 1400Z – 2200Z, N4A, Stuart, FL. Martin County ARES. **Stuart Air Show**. 14.280 21.280. QSL. MC ARES, P.O. Box 2769, Stuart, FL 34995. www.mcaraweb.com

Nov. 11, 1500Z – 2200Z, K0AIR/K0GRL, Bellevue, NE. Strategic Air Command Memorial Amateur Radio Club. **Activation from the Strategic Air Command and Aerospace Museum**. CW: 7.112; SSB: 7.275 14.275; RTTY: 14.085. QSL. SACMARC K0AIR/K0GRL, 1413 Saint Joachim Ct., Bellevue, NE 68005-4937. www.sacmarc.org

Nov. 11, 1600Z – 2130Z, W5KID, Baton Rouge, LA. Baton Rouge Amateur Radio Club. **Veterans Day Commemoration**. 7.040 7.250 14.040 14.250. QSL. USS Kidd Amateur Radio Club, 305 S. River Rd., Baton Rouge, LA 70802. *Operation aboard the USS Kidd (DD-661), a World War II Fletcher-class destroyer.* qrz.com/db/w5kid

Nov. 11, 1800Z – 2300Z, W6VET, Redding, CA. Redding Veterans Amateur Radio Club. **Celebrating Veterans Day 2022**. 14.320 21.383 146.550. QSL. Redding Veterans Amateur Radio Club, c/o Michael Vancleemput, K6WK, 3400 Knighton Rd., Redding, CA 96002. *QSL cards appreciated, SASE not required.* www.qrz.com/db/w6vet

Nov. 11 – Nov. 12, 1601Z – 1601Z, N7U, Cedar City, UT. Rainbow Canyons Amateur Radio Club. **Iron Mission Days**. 7.040 14.260. Certificate. Richard Parker, 4410 Apple Blossom Ln., Cedar City, UT 84721. rrparker@netutah.com or www.rcarc.info

Nov. 11 – Nov. 12, 1400Z – 2300Z, VC3CJ50, Burlington, ON. Burlington Amateur Radio Club. **50th Anniversary**. 14.320. Certificate. Leo Guidolin, 704 Rambo Cres., Burlington, ON L7R 2L3, Canada. *aCertificate will be emailed to email address indicated on QRZ.com.* www.barc.ca

Nov. 12, 1700Z – 2359Z, N6I6W, San Diego, CA. USS Midway (CV-41) Museum Ship. **Veterans Day and USMC Birthday Commemoration**. 7.250 14.070 14.320 PSK31 D-STAR on PAPA repeaters. QSL. USS Midway Museum COMEDTRA, 910 N. Harbor Dr., San Diego, CA 92101. www.qrz.com/db/n6i6w

Nov. 12 – Nov. 13, 1400Z – 2100Z, NB9QV, Manitowoc, WI. USS Cobia Amateur Radio Club. **USS Cobia World War II Submarine Celebrating Veterans Day**. 7.240 14.240. QSL. Fred Neuenfeldt, W6BSF, 4932 S. 10th St., Manitowoc, WI 54220-9121. www.qrz.com/db/nb9qv

Nov. 12 – Nov. 26, 0500Z – 2359Z, KF4RC, Franklin, NC. Franklin Amateur Radio Club, Inc. **50th Anniversary of ARRL Affiliation**. 14.275. QSL. Howard Estes, 505 N. Sugar Creek Rd., Franklin, NC 28734. www.qrz.com/db/kf4rc

Nov. 17, 1500Z – 2400Z, K7GST, Prescott, AZ. Yavapai Amateur Radio Club. **NRA's 151st Birthday Party**. 7.250 14.040 14.250 21.335. Certificate. Request at: www.w4gkf.com/k7gst/qso.htm. See website for details. www.w7yrc.org/nrbirthday

Nov. 19, 1400Z – 2000Z, W1M, Russell, MA. Western Massachusetts Council Scouts BSA. **WHOA Saturday**. 7.190 10.115 14.060 14.290. QSL. Tom Barker, 329 Faraway Rd., Whitefield, NH 03598.

Nov. 26 – Nov. 27, 1300Z – 1900Z daily, N1X, Plymouth, MA. Whitman Amateur Radio Club. **The First Pilgrim Landing at Plymouth**. 3.860 7.260 14.260 18.160; EchoLink WA1NPO-R, IRLP:8691. Certificate. Whitman ARC, P.O. Box 48, Whitman, MA 02382. www.wa1npo.org

Certificates and QSL cards: To obtain a certificate from any of the special event stations offering them, send your QSO information along with a 9 x 12-inch self-addressed, stamped envelope (3 units of postage) to the address listed in the announcement. To receive a special event QSL card (when offered), be sure to include a self-addressed, stamped business envelope along with your QSL card and QSO information.

Contest Corral

Contest Corral

November 2022

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 Date-Time	Finish Date-Time	Bands	Contest Name	Mode	Exchange	Sponsor s Website
1 0100	1 0159	1.8-28.50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, youth YL, or youth)	www.sac.com
1 0300	1 0400	1.8-28	QCC Challenge	CW	RST, name, SPC, rig	www.qrp-labs.com
1 0600	1 0859	3.5,7	Silent Key Memorial Contest	CW	RST, SK call sign you wish to recognize	www.skmc.hu/en/rules.html
2 1700	2 2100	144	VHF-UHF FT8 Activity Contest	FT8	4-char grid square	www.ft8activity.eu/index.php/en
2 2000	2 2100	3.5	UKEICC 80-Meter Contest	Ph	6-char grid square	www.ukaicc.com
3 0000	4 0300	7	Walk for the Bacon QRP Contest	CW	13 WPM max; RST, SPC, name, mbr/power	qrpcontest.com
3 1800	3 2200	28	NRAU 10-Meter Activity Contest	CW,Ph,Dig	RS(T), 6-char grid square	nrricontest.no
3 2000	3 2200	1.8-28.50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
5 0600	5 1800	3.5-28	IPARC Contest, CW	CW	RST, serial, IPA, US state (if USA)	www.iparc.de
5 2100	7 0300	1.8-28	ARRL Sweepstakes Contest, CW	CW	Serial, precedence, your call, check, ARRL/RAC Section	www.arrl.org/sweepstakes
6 0600	6 1800	3.5-28	IPARC Contest, SSB	Ph	RST, serial, IPA, US state (if USA)	www.iparc.de
6 1400	6 1700	3.5-28	High Speed Club CW Contest	CW	RST, mbr or "NM"	www.highspeedclub.org
7 2000	7 2130	3.5	RSGB 80-Meter Autumn Series, Data	Dig	RST, serial	www.rsgbcc.org
8 0100	8 0159	1.8-28.50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, youth YL or youth)	www.sac.com/rules.html
8 0200	8 0400	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqrp.blogspot.com
9 1700	9 2100	432	VHF-UHF FT8 Activity Contest	FT8	4-char grid square	www.ft8activity.eu/index.php/en
10 1900	10 2000	3.5,7	EACW Meeting	CW	RST, mbr, nickname, EA province or DXCC prefix	www.eacwspain.es/eacwmeeting
12 0000	13 2359	50-1296	ARRL EME Contest	CW,Ph,Dig	Signal report	www.arrl.org/eme-contest
12 0000	13 2359	3.5-28	WAE DX Contest, RTTY	Dig	RS, serial	www.darc.de
12 0000	14 2359	1.8-7	PODXS 070 Club Triple Play Low Band Sprint	Dig	RST, SPC	www.podxs070.com
12 0001	13 2359	28	10-10 International Fall Contest, Digital	Dig	Name, mbr or "0," SPC	www.ten-ten.org
12 0300	13 0900	50,70,144,432,1296	SARL VHF/UHF Analogue Contest	CW,SSB,AM,FM	RS(T), 6-char grid square	www.sarl.org.za
12 0700	13 1300	1.8-28	JIDX Phone Contest	Ph	RST, JA prefecture number or CQ zone	jidx.org
12 1200	13 1200	1.8-28	OK/OM DX Contest, CW	CW	RST, 3-letter OK/OM district code or serial	okomdx.crk.cz
12 1200	13 2359	1.8-28.50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
12 1600	12 1800	3.5-28	FISTS Saturday Sprint	CW	RST, name, mbr or "0," SPC	fistsna.org
12 1900	14 0500	1.8-28,50,144,432	CQ-WE Contest	CW,Ph,Dig	Name, location code, years of service	cqwe.cboh.org
12 2300	21 0300	1.8-14	AWA Bruce Kelley 1929 QSO Party	CW	RST, name, QTH, equipment year/type/power	antiquewireless.org
13 0700	13 1700	3.5-28	FIRAC HF Contest	Ph	RS(T), serial	www.firac.de/FIRAC_HF_CONTEST_E.pdf
13 1400	16 0800	1.8-28,50,144	Classic Exchange, Phone	Ph	Name, RS, SPC, rig make/model	www.classicexchange.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
15 0100	15 0159	1.8-28.50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, youth YL, or youth)	www.sac.com
16 1700	16 2100	1.2G	VHF-UHF FT8 Activity Contest	FT8	4-char grid square	www.ft8activity.eu/index.php/en
16 2000	16 2130	3.5	RSGB 80-Meter Autumn Series, SSB	Ph	RS, serial	www.rsgbcc.org
17 0000	18 0300	14	Walk for the Bacon QRP Contest	CW	13 WPM max; RST, SPC, name, mbr/power	qrpcontest.com
17 0130	17 0330	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
17 1900	17 2000	3.5-14	NTC QSO Party	CW	25 WPM max; RST, mbr or "NM"	qsl.net/ntc/party.html
19 1200	20 1200	3.5-28	LZ DX Contest	CW,Ph	RS(T), 2-letter LZ district or ITU zone	lzdxc.bfra.org/rulesen.html
19 1600	19 2359	1.8	All Austrian 160-Meter Contest	CW	RST, serial, OE district code (if OE)	www.oevsv.at
19 1700	20 0100	1.8	REF 160-Meter Contest	CW	RST, serial, department code	concours.r-e-f.org
19 1900	19 2059	1.8-7.21,28.50	Feld Hell Sprint	Dig	RST, mbr, SPC, grid	sites.google.com/site/feldhellclub
19 1900	19 2300	1.8	RSGB 1.8 MHz Contest	CW	RST, serial, UK district code (if UK)	www.rsgbcc.org
19 2100	21 0300	1.8-28	ARRL Sweepstakes Contest, SSB	Ph	Serial, precedence, your call, check, ARRL/RAC Section	www.arrl.org/sweepstakes
20 1300	20 1700	3.5,7	Homebrew and Oldtime Equipment Party	CW	RST, serial, class	www.qrpcc.de
20 2100	20 2300	3.5-28	FISTS Sunday Sprint	CW	RST, SPC, name, mbr or "0"	fistsna.org
20 2300	21 0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrpcontest.com
22 0100	22 0159	1.8-28.50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, youth YL, or youth)	www.sac.com
23 0000	23 0200	1.8-28.50	SKCC Sprint	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
24 2000	24 2130	3.5	RSGB 80-Meter Autumn Series, CW	CW	RST, serial	www.rsgbcc.org
26 0000	27 2359	1.8-28	CQ Worldwide DX Contest, CW	CW	RST, CQ zone	www.cqww.com
28 2000	28 2130	3.5-14	RSGB FT4 Contest	FT4	4-char grid square	www.rsgbcc.org
29 0100	29 0159	1.8-28.50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, youth YL, or youth)	www.sac.com
30 2000	30 2100	3.5	UKEICC 80-Meter Contest	CW	6-char grid square	www.ukaicc.com

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 and times 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.

Upcoming FCC Exam Session

Preparation Sites

(Within 100 miles of 93001 on the ARRL Website)

Cerritos CA 90703

11/12/2022

Start/End Dates: 11/12/2022 - 11/13/2022

Times: 0800-1700 both days

of Sessions: 1

Class level: Technician

Morse code offered: No

Pre register required: Yes

Fee: \$75

Pre Study required: Yes

Class Type: Weekend/One Day

Exam offered: Yes

Sponsoring Club/Organization: Wynnsradio

Instructor: KI6JAR

Contact: Ralph Wynkoop KI6JAR

Phone: (562) 895-7776

Email: wynnsradio@msn.com

Location: Cerritos Sheriff's Sttion

18125 Bloomfield Ave.

Cerritos, CA 90703

Additional Information: These popular classes are done in the "Gordon West" style. This means face-to-face lectures, not Power Point, and activities and live radios in the classroom. You will actually be on the air (briefly) Saturday morning, even though you do not yet have your license. There will be lots of radio components for you to examine. We try to provide some fun as well. Classes run for two days, Saturday and Sunday, starting on time at 8 AM both days. We will finish around 5 PM on Saturday. Sunday, we are done around 4 PM, and the FCC Technician exam will then be given. It will be graded there, and you will have your results before you go home. All those who pass the Technician exam will be entered into a drawing for an entry level hand-held Ham radio. One is given away each class. We provide refreshments such as water, coffee, tea, and hot chocolate. Also snacks, usually some breakfast pastries, potato chips, and sometimes there are cookies. Lunch break both days is long enough for you to eat at one

of the many nearby eating choices, or you can bring your own. There are morning and afternoon breaks, one of each per day. Restrooms are nearby. There is plenty of free parking, and traffic is not usually too bad that early on the weekends. There is pre-class study involved, and it's recommended that you have a couple of weeks to do the work comfortably. When you register, we will send you, by return Priority Mail, a study packet with a textbook, some study material, study tips, and other miscellaneous materials. Your job is to complete the included homework before class on Saturday morning. Class will be held at the Cerritos Sheriff's Station, 18125 Bloomfield Ave., Cerritos, CA 90703. Dates are November 12 & 13, 2022 Cost of the class is \$75. You register by sending a check or money order payable to "Wynnsradio". Send it to R. Wynkoop, P.O. Box 3793, Cerritos, CA 90703. I'm sorry; we're not set up to take credit cards.



Upcoming FCC Exam Test

Van Nuys CA 91405-4542

11/05/2022

Sponsor: ARES LAX

Date: Nov 05 2022

Time: 10:30 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

Goleta CA 93117-3271

11/12/2022

Sponsor: Santa Barbara ARC

Date: Nov 12 2022

Time: 9:00 AM (Walk-ins allowed)

Contact: Tom Saunders

(805) 452-0840

Email: tsaund@cox.net

VEC: [ARRL/VEC](#)

Location: Impulse Communications

6144 Calle Real

Pre-registration preferred

Register on the team's website

Goleta CA 93117-3271

Website: <https://www.sbarc.org/ve-exam-registration/>

Santa Monica CA 90403-5610

11/12/2022

Sponsor: The PAPA system

Date: Nov 12 2022

Time: 7:00 AM (No Walk-ins / Register or Call ahead)

Contact: Norm Goodkin

(818) 613-2257

Email: hamclass@goodkin.net

VEC: [Greater LA VEC](#)

Location: Fromin's Deli and Rest

1832 Wilshire Blvd

Http //Papasy Org

Pre-registration required

Santa Monica CA 90403-5610

Valencia CA 91355-2008

11/19/2022

Sponsor: Santa Clarita ARC

Date: Nov 19 2022

Time: 8:00 AM (No Walk-ins / Register or Call ahead)

Contact: Ronald B. Klein

(661) 259-0948

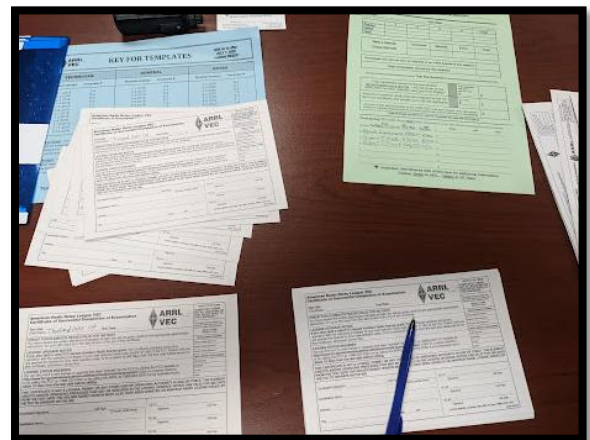
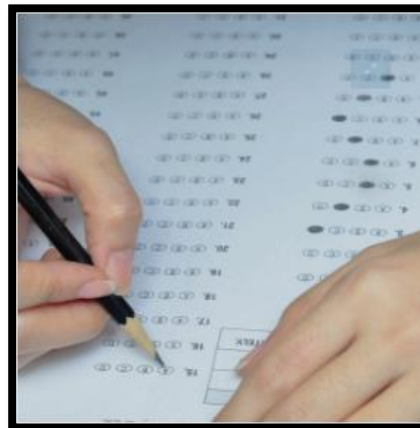
Email: testing@w6jw.org

VEC: [Greater LA VEC](#)

Location: United Methodist Church of Valencia
25718 McBean Pkwy

Rm B

Valencia CA 91355-2008



On Exam Day Bring the Following Items:

1. MANDATORY BEFORE THE EXAM

FCC Registration Number (FRN): Examinees are required by the FCC to submit your FRN with your license application form. New license applicants must create an FCC user account and register their Social Security Number (SSN) in the FCC Commission Registration System (**CORES**) before attending exam sessions. Registrants will be assigned an FRN which will be used in all license transactions with the FCC. For instructions on how to register your SSN and receive an FRN from the FCC, visit the [CORES Registration](#) page and the [FCC's Registration instructions](#) page. Per FCC rules, a valid **email address** is also **mandatory** on the application form to receive FCC correspondence, including the official copy of your Amateur Radio license

2. One legal photo ID (identification):

- a. State Driver's License
- b. Government issued Passport
- c. Military or Law Enforcement Officer Photo

ID card

- d. Student School Photo ID card
- e. State Photo ID card

3. If no photo ID is available, two forms of identification:

- a. Non-photo State ID card (some states still have them)
- b. Birth certificate (must have the appropriate seal)
- c. Social security card
- d. Employer's wage statement or Minor's work permit
- e. School ID card
- f. School or Public Library card
- g. 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.

4. Students/minors without a photo ID need to bring only one of the above items if a legal guardian presents their photo ID; otherwise two non-photo IDs are required. ARRL will cover the one-time FCC application fee for new license candidates younger

than 18-years old for tests administered under the ARRL VEC program. Candidates younger than 18-years old would pay a reduced exam session fee of \$5 to the ARRL VEC VE team at the time of the exam. *Minor children (under the age of 18) may be accompanied in the room by an adult during the test.*

5. If applicable, bring a printed copy of your Amateur Radio license or be able to show proof of the license in the official [FCC database](#). Acceptable copies or printouts of licenses are available from the following sources: the official license or [reference license](#) printed from the FCC website or license data printed from the [ARRL](#) website or [QRZ](#) website. The original(s) and photocopy(s) of any Certificates of Successful Completion of Examination (CSCE) you may hold from previous exam sessions. If your license has already been issued by the FCC, the CSCE showing license credit is not needed. The candidate is required to show proof of the current license to the team but the team is no longer required to submit the proof to the VEC. Expired license proof must be submitted to the team and to the VEC for processing to FCC. These photocopies will not be returned.

6. Two number two pencils with erasers and a pen for in-person sessions.

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 and the phones' calculator function may not be used. In addition, iPhones, iPads, Androids, smartphones, Blackberry devices and all similar electronic devices with a calculator capability, may NOT be used.

8. Bring a check, a money order or cash to cover the exam session fee(s)

9. Be aware that some information about you will be made publicly available on the FCC's website ([FCC Licensee Privacy](#)) including a felony conviction status. All applicants must answer the Basic Qualification Question (felony conviction status question) on the 605 Form at the exam session. Applicants that answer "YES" for the question must follow these FCC procedures: FCC qualification question instructions

Convention and Hamfest Calendar

Steve Ewald, WV1X, sewald@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

4000 Parnell Ave. Tl: 146.880 (no tone). Adm: \$8 both days,
\$4 Sunday only. www.acarts.com/hfmain.htm

Louisiana (Harahan) — Nov. 5 D F H R T V
8 AM – 1 PM. Spr: Crescent City Amateur Radio Group. VFW Hall,
1133 Hickory Ave. Tl: 146.82 (no tone). Adm: \$5. www.ccarg.org

Michigan (Troy) — Dec. 4 D F H R V
8 AM – noon. Spr: L'Anse Creuse ARC. Balkan American
Community Center, 1451 E. Big Beaver Rd. Tl: 147.08 (100 Hz).
Adm: \$10. www.n8lc.org

Missouri (Springfield) — Nov. 12 D F H R S V
8 AM – 1 PM. Spr: Nixa ARC. Barnhouse Event Center,
5484 W. Sunshine St. Tl: 147.015 (162.2 Hz). Adm: \$10.
www.smlrs.info/hamfest-flyer

Nebraska (Norfolk) — Nov. 19 D F H R S V
8:30 AM – 2 PM. Spr: Elkhorn Valley ARC. CHC Hall (Knights
of Columbus), 105 Elm Ave. Tl: 146.73 (131.8 Hz). Adm: \$5.
www.qsl.net/evarc

New Jersey (Fair Lawn) — Nov. 25 D H R
5 PM. Spr: Fair Lawn ARC. Fair Lawn Senior Center,
11-05 Gardiner Rd. Tl: 145.470 MHz (167.9 Hz). Adm: \$5.
auction.fairlawnarc.org

New Jersey (Parsippany) — Nov. 19 D F H R
8 AM – noon. Spr: New Jersey Antique Radio Club. Parsippany
PAL, 33 Baldwin Rd. Tl: None. Adm: \$7. www.njarc.org

New York (Hicksville) — Nov. 13 D F H Q R S V
8:45 AM. Spr: Long Island Mobile ARC. Levittown Hall, 201
Levittown Pkwy. Tl: 146.850 (136.5 Hz). Adm: \$6.
www.limarc.org

Ohio (Archbold) — Dec. 3 D F R V
8 – 11 AM. Spr: Fulton County ARC. Ruihley Park Pavilion,
320 W. Holland St. Tl: 147.195 (103.5 Hz). Adm: \$5.
www.k8bxq.org/hamfest

Wisconsin (Milwaukee) — Nov. 5 F H R
8 AM – 1 PM. Spr: Milwaukee Repeater Club. Elks Lodge,
5555 W. Good Hope Rd. Tl: 146.910 (127.3 Hz). Adm: \$5.
www.mrc91.org

ARRL ALABAMA STATE CONVENTION

November 12, Montgomery, Alabama

D F H Q R S T V
8:30 AM – 1:30 PM. Spr: Montgomery ARC. Alcazar Shrine
Temple, 555 Eastern Blvd. Tl: 146.84 (123 Hz). Adm: \$8.
www.w4ap.org/marc/hamfest

Arizona (Marana) — Nov. 12 D F H Q R S T V
7 AM – 1 PM. Spr: Oro Valley ARC. Marana Middle School,
11285 West Grier Rd. Tl: 146.62 (no tone). Adm: \$5.
www.tucsonhamradio.org/hamfest

Arizona (Mesa) — Dec. 3 D F H R S T V
7 AM – 1 PM. Spr: Superstition ARC. Maricopa Community
College Mesa Campus, 1833 W. Southern Ave. Tl: 147.120
(162.2 Hz). Adm: \$5. www.superstitionsuperfest.org

Florida (Fort Walton Beach) — Nov. 19 F H R T
8 AM. Sprs: Family Eye Care and Playground ARC. Playground
ARC Clubhouse, 17 First St. SE. Tl: 146.790 (100 Hz).
Adm: Free. www.w4zbb.org

Florida (Ocala) — Dec. 3 D F H Q R T V
7:30 AM – 3 PM. Spr: Silver Springs Radio Club. First Christian
Church, 1908 East Ft. King St. Tl: 146.610 (123 Hz). Adm: \$10.
www.k4gso.us

Florida (Pinellas Park) — Nov. 12 D F H R T V
8 AM – noon. Spr: St. Petersburg ARC. Freedom Lake Park,
9990 46th St. N. Tl: 147.06 (no tone). Adm: Free. Email:
kc1yl@yahoo.com

ARRL WEST CENTRAL FLORIDA SECTION CONVENTION

December 9 – 10, Plant City, Florida

D F H Q R S T V
Fri. 1 – 6 PM, Sat. 8 AM – 4 PM. Spr: Florida Gulf Coast Amateur
Radio Council. Strawberry Festival Expo Building, 303 BerryFest
(was N. Lemon) Pl. Tl: 147.165 (136.5 Hz). Adm: \$9 advance,
\$10 door. www.fgcarc.org

Florida (Sarasota) — Nov. 5 D F H R T
8 AM – noon. Spr: Sarasota Emergency Radio Club. American
Red Cross, 2001 Cantu Ct. Tl: 146.73 (100 Hz). Adm: \$5.
www.n4ser.org

Florida (West Palm Beach) — Nov. 26 F H T V
8 AM – 1 PM. Spr: Palms West ARC. Alpert Jewish Family
Service, 5841 Corporate Way. Tl: 147.045 (no tone). Adm: \$5.
www.palmswestradio.org

Georgia (Alpharetta) — Nov. 12 H R S V
8 AM – noon. Spr: North Fulton Amateur Radio League. Preston
Ridge Community Center, 3655 Preston Ridge Rd. Tl: 145.47
(100 Hz). Adm: Free. www.nfarl.org

Indiana (Fort Wayne) — Nov. 19 – 20 D F H Q R S V
Sat. 9 AM – 4 PM, Sun. 9 AM – 2 PM. Spr: Allen County Amateur
Radio Technical Society. Allen Co. War Memorial Coliseum,

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. You are also encouraged to register your event with HQ as far in advance as your planning permits. See www.arrl.org/hamfest-convention-application for an online registration form. Dates may be recorded up to 2 years in advance.

Events that are sanctioned by ARRL receive special benefits, including an announcement in these listings and online. Sanctioned conventions are also listed in *The ARRL Letter*. In addition, events receive donated ARRL prize certificates and handouts. Once the form has been submitted, your ARRL Director will decide whether to approve the date and provide ARRL sanction.

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 **December 1** to be listed in the **February** issue. Information in this column is accurate as of our deadline; contact the sponsor or check the sponsor's website for possible late changes, driving directions, and other event details. Please note that postal regulations prohibit mention in QST of games of chance, such as raffles or bingo.

Promoting your event is guaranteed to increase attendance. As an approved event sponsor, you are entitled to special discounted rates on QST display advertising and ARRL web banner advertising. Call ARRL's toll-free number at 1-800-243-7768, or email ads@arrl.org.

ARRL Santa Barbara Section News by John R Kitchens, NS6X

Traffic Handling is moving into the 21st Century.

It is a significant and important part of emergency communications, specifically for health and welfare messages. We talk about when all is fails..... Well, we need to provide communications to non-hams, which is one of the purposes of health and welfare and EmComms. In the Section, we need someone to take over the role of traffic manager, to officially let the Section membership know that there are active traffic systems in adjoining Sections, such as Los Angeles, and to have practiced methods to provide the contact.

If even remotely interested, signup for the meetings listed below.



John

From: Walls, Brent, N9BA (VD, CD) <n9ba@arrl.org>

Date: Mon, Oct 10, 2022 at 10:28 AM

Subject: You're Invited: Future of Traffic Handling - NTS 2.0

To: Bwalls@arrl.net <bwalls@arrl.net>

Cc: Kemmerer, Fred, AB1OC (Dir,NE) <ab1oc@arrl.org>

TO: Section Managers and Section Traffic Managers in Pacific, Southwest,

Northwest and Rocky Mountain Divisions

CC: Division Directors and Vice Directors

The Emergency Communications and Field Services Committee has formed a subcommittee focused on reviewing and making recommendations on modernizing the National Traffic System. The subcommittee has been very busy the last few months and are ready to start getting feedback from our dedicated volunteers in the field. We have set up two informational sessions for late October 2022. The date, time and registration link for each session are below.

When: Oct 24, 2022 20:00 Eastern Time (US and Canada)

Register in advance for this meeting:

<https://us06web.zoom.us/meeting/register/tZAsdOmvqzozjH93ooUd3HpzwSyrLFep04flk>

When: Oct 29, 2022 14:00 Eastern Time (US and Canada)

Register in advance for this meeting: <https://us06web.zoom.us/meeting/register/tZYrf-CurzgjGt35MsZ39T11I9YRFZJHkmVo>

We encourage you to share these registration links with some of your Net Managers, Official Relay Stations and other key contributors to traffic nets in your respective section. Please do not share these links with anyone outside of your section.

If you have any questions – please feel free to reach out to me directly.

Thank you,

Brent Walls, N9BA

Vice Director | ARRL Central Division

ARRL - The National Association for Amateur Radio®

317.557.7224

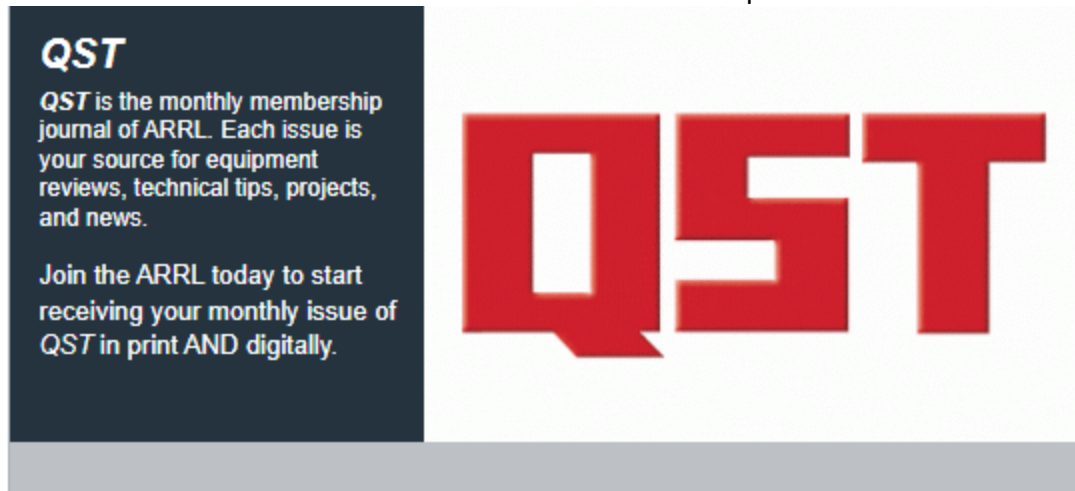
ARRL Santa Barbara Section

Section Manager: John Kitchens

ns6x@arrl.org

ARRL News

Many subscribers have suggested to the editor that the QST magazine is on-line and it would be better to direct the reader to view the website than to reprint the information in the Keyer.

A promotional graphic for QST magazine. On the left, a dark blue box contains the text: "QST is the monthly membership journal of ARRL. Each issue is your source for equipment reviews, technical tips, projects, and news. Join the ARRL today to start receiving your monthly issue of QST in print AND digitally." To the right, the letters "QST" are displayed in a large, bold, red, stylized font. The "Q" has a unique shape with a tail that loops back.

[Click here to view the current digital QST issue.](#)

Click [here](#) for a sneak peek at what is in the current or upcoming issue.

To access issues from January 2012 to the present, open the current digital QST and then click on the **Archive** icon in the upper right corner. (Move your mouse cursor over the icons to highlight.)

For issues prior to 2012, see below.

For assistance in navigating digital QST on your browser or mobile app, please see our user guide. Latest update: 1/2020

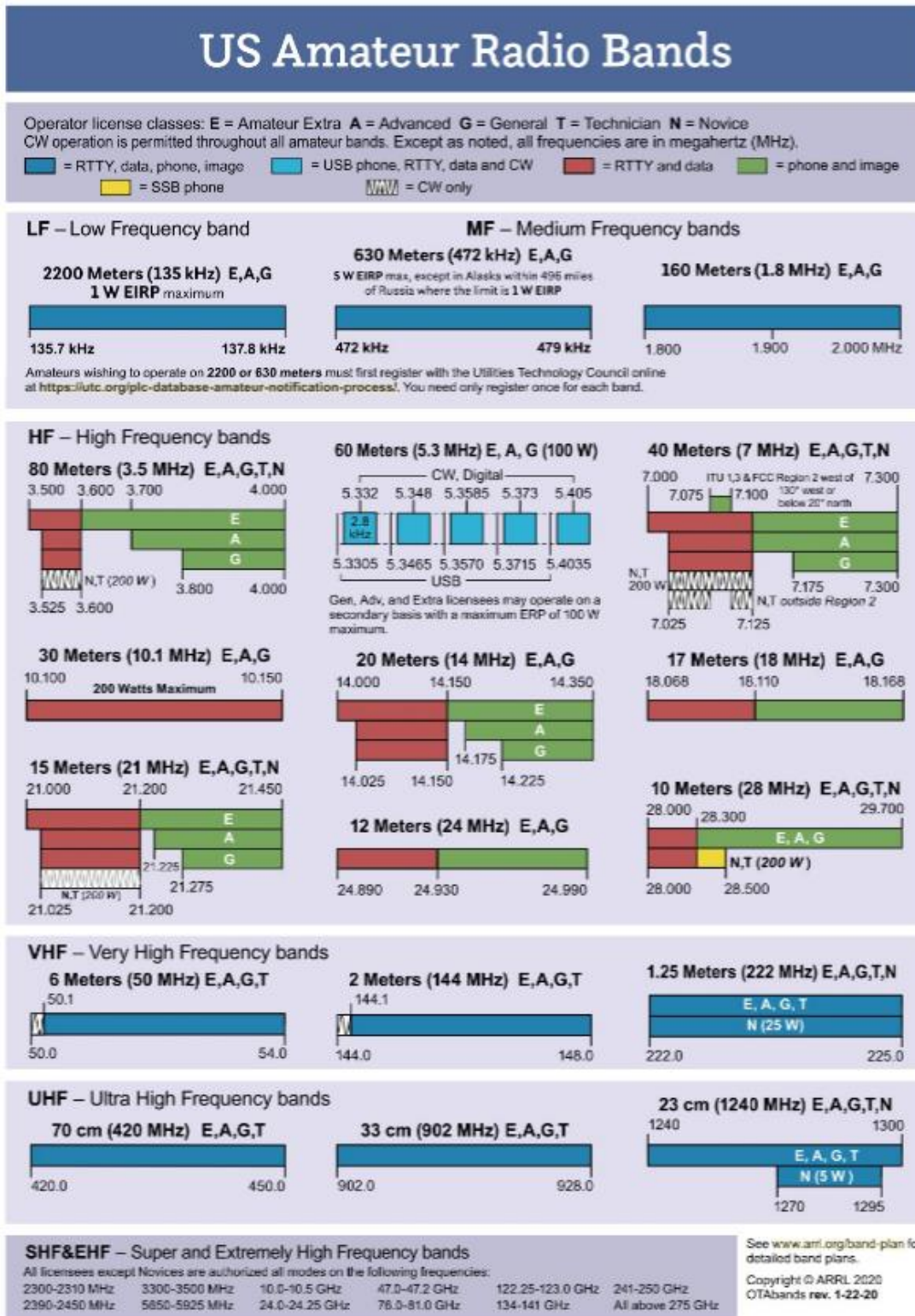
To view the current digital QST or archived editions, members must login with their registered username and password. Your username and password will be the same credentials used to log into the ARRL website. If you are having difficulty logging into the digital formats, please visit the [Member Support](#) page for login assistance.

QST Android App

Get the digital edition of QST on your Android device.



US Amateur Radio Bands



W1AW Schedule

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 a reference copy of your current FCC amateur license. 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 2022, Headquarters and W1AW are closed on New Year's Day (observed December 31, 2021), Presidents Day (February 21), Memorial Day (May 30), Independence Day (July 4), Labor Day (September 5), Veterans Day (November 11), Thanksgiving and the following day (November 24 and 25), and Christmas Day (observed December 26).

