



Moreno Valley Repeater

Moreno Valley Amateur Radio Association

November-December 2019

MESSAGE FROM THE PREZ

November 7th we elect officers to lead the Club in 2020. We've had a great year and increased our membership and regular attendance numbers and in order to survive and thrive we need members willing to take on leadership responsibilities. As announced at the October meeting, if the members want me to continue to serve as President in 2020 I need a volunteer to serve as Coordinator of our Tuesday night Nets, and a team of 2 or more to arrange meeting speakers and coordinate our Club events: February Antenna Field Day, June ARRL Field Day, and the Lake Perris Tri-Athlon and Kids Talk to Santa activities. Please let me know before the November election if you're willing to accept one of the above assignments.

DECEMBER 5th MVARA CHRISTMAS DINNER AT MIMI'S IN MORENO VALLEY and December 14th "Kids Talk to Santa" at Lake Perris Boat Parade. Watch for email with details in November. 73 Bob Morris KK6BXJ

Sometimes we meet in the dark!



Due to an unexpected scheduling conflict the Lake Perris meeting room normally reserved for our monthly meeting was unavailable. Being the resourceful group that we are, we simply held an abbreviated meeting in a nearby picnic area.

ROSTER 2019 PAID MEMBERS

Michael Anderson W6OSO
 Michael Barker AI6PD
 David Bell N6DJB
 Bob Capps N6SHT
 Mike Cruz Ki6MGX
 Steve DeLong W7DTH
 Steve Evans AF6HR
 Jesse McDonald K6DR
 Tom Morey KK6DOG
 Bob Morris KK6BXJ
 Ed Nijst AJ6ET
 Rich Palmer KK6CXA
 Alan Pearson KB6DMZ
 Ryan Reuther KM6SPZ
 Doug Riggle KK6D
 Susan Stanley KG6NKF

LIFETIME MEMBERS

Mike Box N6BOX
 Robin Box K6BOX
 Larry Froehlich K9ALR
 Glen Johnsen KA6GMA
 Carl Schmidt KF6JE
 Cheryl Schmidt KA6WRD
 Glenn Tobey AB6PA
 Betty Hapeman KE6V
 Jerry Lloyd N6MEJ
 Larry Marcum KA6GND
 Steven Rathbone AJ6Y
 Glen Sperry Ki6GDD
 JD Weiss NK7W

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Needed

"Kids Talk to

Santa"

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How Wireless RF and Microwaves Affect the World Around You

by Jaime Jones NuWave Engineering

Radio wave applications have come a long way since it was first theorized by James Clark Maxwell in his 1873 work “A Treatise on Electricity and Magnetism”, where he laid out mathematical theories showing the potential applications of radio technology. Only fifteen years later, German Physicist Heinrich Hertz became the first person to produce, transmit, and receive electromagnetic waves. At the time, Hertz considered his discoveries to have no practical use, going as far as to say “It’s of no use whatsoever”. One hundred and thirty-one years later, we now know the profound advancement RF and Microwave designs have made across the globe; including some ways you might not have even thought about.

Today nearly all people are interconnected wirelessly, and this evolution has transformed nearly all aspects of our lives. Learning, teaching, communicating, entertainment, healthcare – every industry has been sculpted around wireless RF technologies. Today, all of human knowledge and history rests in the palm of our hands, transmitted via an internet connection from a satellite orbiting one hundred miles above our heads. The depth doesn’t stop there though – each individual satellite must communicate with one another as well as the main controller on the ground. None of this would be possible without the usage of radio wave technologies. Not all uses of wireless RF devices are as grand, though. Conservationists in Africa use radio telemetry to track endangered species in their vast habitats. Hospitals utilize wireless RF to track hundreds of patients’ vital signs at once to allow for faster reaction times when it’s most needed.

Our world has forever been shaped by the pioneering into radio frequencies of the scientists, inventors, and engineers that came before us. We cannot forget the contribution by amateur radio operators, ARRL, and the freedom to pursue our dreams.

(Thanks to lifetime member Glen Johnsen, KA6GMA, for submitting this article for our enjoyment)

What Can Amateur Radio Operators Do to Help Grow the Amateur Radio Hobby?

by Martin Brossman KI4CFS with contributions from Kevin Egelston K4KDE, Howard A. Goodman N4KYW, and many other Hams.

I believe any person can make a profound difference in the world once they let go of their limiting beliefs. I have seen it happen with my clients and in my own life (Google my name), so I began a quest to find out what it would take to grow the hobby. I started by asking the question of a number of Hams of different ages. Below is a summary of the insights received from others and insights of my own that surfaced in the process.

What can WE do (as individuals, not some organization or association) to grow the number of constructive active members of the Ham Radio community?

Stop being a lurker!

- One way to grow Ham Radio is to USE IT!
- One of my favorite comments from others is, just use it! Stop checking to see if anyone is online. If you don’t hear anyone online that is because YOU are not talking. Talk and come out of the shadows! For those of you who say, “I just listen, I don’t talk much,” I say that by staying silent you are contributing to the demise of your own hobby because relationships need conversations to stay alive. Without talking, relationships die. When you listen alone or talk alone on Ham Radio, it is not like sitting face-to-face where the other person can tell if you are listening. On Ham Radio, no one knows you’re listening if you don’t open your mouth & speak. When you listen silently, you contribute zero to the collective conversation. To quote Johnny Cash, I say “where are your guts?”
- Respond to people you hear on the airways. If you hear “This is KI4CFS monitoring,” RESPOND if you can. Say Hi or chat, even for just a moment. A simple “I hear you” response is more valuable than you may realize. When all the people who do have the courage to actually talk then people who can only listen because their hands are busy with work will hear something happening.
- If you don’t hear someone on the band, be persistent! Don’t give up after just one – call out several times. For example, “This KI4CFS on 64 monitoring, Kilo India 4 Charlie Foxtrot Sierra. It’s a beautiful day here. Is anyone



out there? This is KI4CFS mobile and monitoring, anyone listening? One more time, this is Kilo India 4 Charlie Foxtrot Sierra, KI4CFS monitoring. KI4CFS clear.”

Show your love of Ham Radio!

- Get a vanity Call Sign license plate, take a handheld with you in public and get ready for people to approach you about Ham Radio. Be open if they ask a question, even if they have a smart-ass attitude. Maintain your generosity and give a kind, honest answer.
- If you are volunteering or recently participated on Ham Radio, share it on social media. I understand for safety reasons you may want to limit your posts when you are away from home but make it a point to post once you're back home.
- When you hear how someone was helped on Ham Radio share that on social media.
- Share what you love about Ham Radio and take the time to learn from people who are different from you what they love about it online and in-person.
- Look for ways to let the media and local politicians understand the value of Ham Radio. It is OUR responsibility to communicate the value of Ham Radio. It is NOT their responsibility to discover it!

Don't be a curmudgeon!

- I have met curmudgeons of all ages. A curmudgeon is someone who first finds what is wrong, why something can't be done or reasons to give up without trying. Curmudgeons may eventually notice the good, what is valuable or what is currently working well, but they tend to focus on the negative. For example, “Echolink' is not real Ham Radio,” or “those (name) radios are junk.”
- If someone asks a “dumb” question online don't be a jerk by saying things like “it's in the manual;” maybe give a short answer and then say “you can find more in the full manual under 'X.'”
- Unfortunately, no one cares how hard you worked to earn something. People care about what you say AFTER they know you care about what they have to say.

For new & younger Hams: Don't be stopped by curmudgeons

- Smile, be nice and enjoy the hobby your way. Ignore any curmudgeon-like comments or bullying attempts. Don't let someone else put a damper on your enjoyment of the hobby.
- Keep in mind that many Ham Operators are engineers at heart, which may make relationships with them a challenge. They, like curmudgeons, look for what is wrong 1st because sorting for differences is the first step in engineering. This skill is a great asset in trouble-shooting but can be a train wreck in relationship building. No one ever said, “I want to stay with my partner for life because they have such a keen understanding of my shortcomings.” What does this have to do with being a new Ham? If you ask the opinion of a Ham who is engineer-oriented they will tell you what you did wrong 1st, which you may take as harsh criticism. Even though it may be uncomfortable to hear, you may, in fact appreciate their insights. I assure you their honest feedback is worth feeling a little uncomfortable. If you want a compliment then ask them what they liked about something you did or what they see you did right.

For experienced Hams: Go to where the new Hams are

- Embrace the new digital world AND share your enjoyment of the analog one.
- Remember that a good teacher (“Elmer”) does not demand the student enter the teacher's world but enters the student's world first, then invites the student to participate in a journey to new opportunities for both.

Don't try to compete with cell phones or social media – amplify what is unique about Ham Radio

- Anyone with a pulse or even no pulse (fake people) can be on social media but Ham Radio has a barrier to entry called the FCC Ham Radio license. We also have to identify ourselves on a regular basis by our license. People who can be anonymous tend to misbehave more as they do on Twitter.
- Watch this video <http://bit.ly/1stsocialmedia>

[Thanks to lifetime member Larry Marcum, KA6GND, for recommending this article for our Newsletter]

REMINDER: VOLUNTEERS NEEDED FOR DECEMBER 14TH KIDS TALK TO SANTA, including one or two teens to distribute fliers at the event

November 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
27	28	29 ● 7:30pm mvara net	30	31 Officer Nominations Close ● 7pm WRC ARES Net	Nov 1	2
3	4	5 ● 6pm board call ● 7:30pm mvara net	6 ● 8am Starbucks Tech Group	7 Elections for 2020 ● 6:30pm mvara mtg	8	9
10	11 ● 7pm WRC ARES mtg	12 ● 7:30pm mvara net	13 ● 8am Starbucks Tech Group	14 ● 7pm WRC ARES Net	15	16
17	18	19 ● 7:30pm mvara net	20 ● 8am Starbucks Tech Group	21 ● 7pm WRC ARES Net	22	23
24	25	26 ● 7:30pm mvara net	27	28	29	30

December 2019						
SUN	MON	TUE	WED	THU	FRI	SAT
Dec 1	2	3 ● 6pm board call ● 7:30pm mvara net	4 ● 8am Starbucks Tech Group	5 ● 6:30pm MVARA Christmas Di	6	7
8	9 ● 7pm WRC ARES mtg	10 ● 7:30pm mvara net	11 ● 8am Starbucks Tech Group	12 ● 7pm WRC ARES Net	13	14 ● 3pm Kids Talk to Santa
15	16	17 ● 7:30pm mvara net	18 ● 8am Starbucks Tech Group	19 ● 7pm WRC ARES Net	20	21
22	23	24 ● 7:30pm mvara net	25	26	27	28
29	30	31 ● 7:30pm mvara net	Jan 1 Due date for annual dues	2 ● 6:30pm mvara mtg	3	4