



Moreno Valley Repeater

Moreno Valley Amateur Radio Association

May-June 2019

MESSAGE FROM THE PREZ

A BIG "Thank You!" to everyone who volunteered their services at the Big Rock Triathlon. Your support helped guarantee the safety of the cyclists and earned \$110 for the Club. Special thanks to Sam Shoemaker, KI6NME, and Mike Mendoza, KK6BUW, from Banning for stepping in at the last minute to help.

Due to the May 18th Regional A.R.E.S. Exercise the MVARA monthly breakfast meeting has been rescheduled to May 25th.

Planning is underway for the June 22nd Field Day event. Raffle tickets for the Yaesu FT70DR hand-held digital transceiver are on sale now (1/\$5 or 5/\$20). Contact any board member for tickets. The drawing is planned for the Field Day BBQ, but may be delayed until ticket sales exceed the cost of the radio.

REMINDER: No Membership Meeting in July ... enjoy your 'holiday' !

73 Bob Morris KK6BXJ

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MVARA BOARD



YAESU FT70DR

RAFFLE WINNER TO BE DRAWN JUNE 22ND AT FIELD DAY

2019 ROSTER

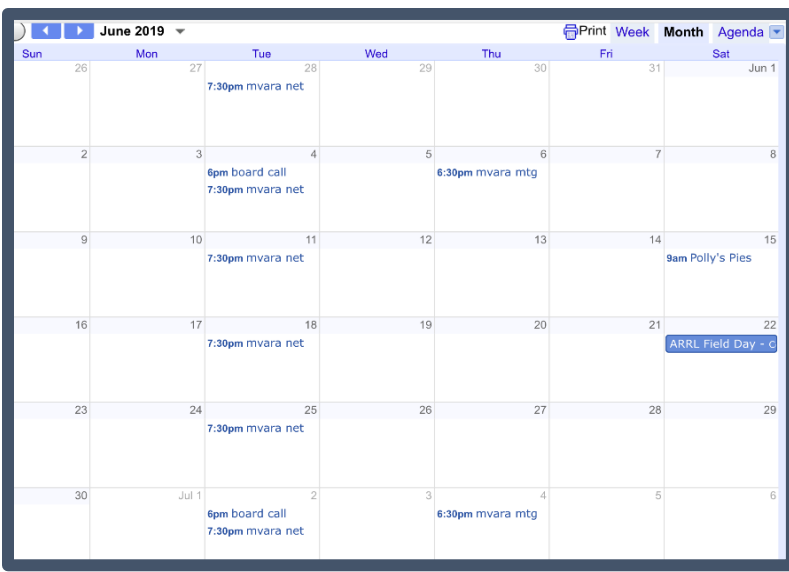
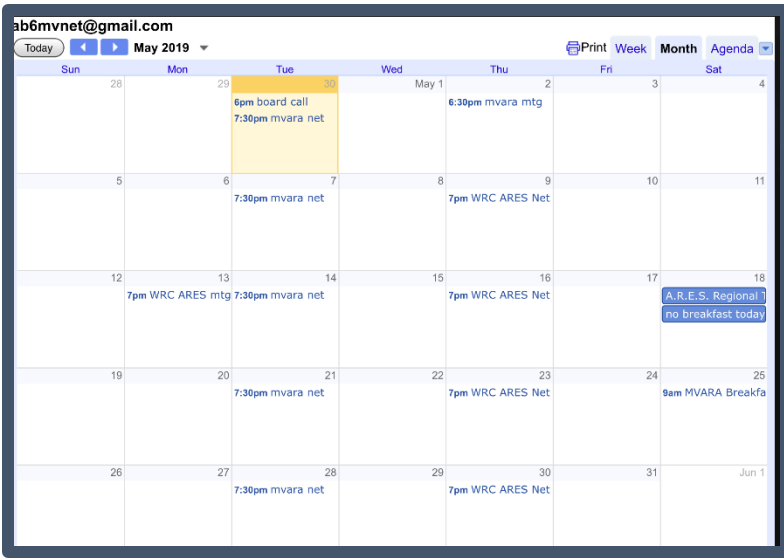
Michael Anderson W6OSO
David Bell N6DJB
Mike Cruz Ki6MGX
Steve DeLong W7DTH
Steve Evans AF6HR
Tom Morey KK6DOG
Bob Morris KK6BXJ
Ed Nijst AJ6ET
Rich Palmer KK6CXA
Alan Pearson KB6DMZ
Ryan Reuther KM6SPZ
Doug Riggle KK6D
Susan Stanley KG6NKF

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

2019 Board

President: Bob Morris
Vice President: Rich Palmer
Treasurer: David Bell
Secretary: Susan Stanley



Big Rock Triathlon Event

Thanks to the following for supporting this event: Bob Morris KK6BXJ, Rich Palmer KK6CXA, Ed Nijst AJ6ET, Alan Pearson KB6DMZ, Tom Morey KK6DOG, Steven Rapata AC6DX, Steve Evans AF6HR, Mike Cruz KI6MGX, Sam Shoemaker KI6NME, and Mike Mendoza KK6BUW.



Field Day 2019

MVARA will conduct one-day Field Day activities
Saturday, June 22nd

Moreno Valley Community Park
13380 Frederick Street

Set-up at 7 am

On-air Field Day transmissions will begin nation-wide
at 11 am and tear-down will end by 6 pm

6pm Club BBQ pot-luck for all members and families

RAFFLE * YAESU FT70DR * RAFFLE

Tickets on Sale NOW!

Glen Johnsen: "35 Years and Counting..."

Glen Johnsen, KA6GMA, attended his first meeting with Moreno Valley hams in April 1984



Glen recently submitted the following article for this Newsletter . . .

5G TECHNOLOGY AND AMATEUR RADIO

Recently I read that 5G cellular connectivity will be here later in 2019 or early 2020. What is this 5G Long Term Evolution (LTE)? It does not mean 5 gigabits but 5th generation of cellular connectivity,

How did we get to a fifth generation?

2G was the implementation of text messages,

3G being able to go online,

4G ability to upload and download videos at 200 Megabits per second (Mbps), and now,

5G, Real time video, devices that can talk to each other at 2000 Mbps. Your internet service to increase from 1 gigabit per second (Gbps) to 10 Gbps

Amateur Radio and 5G Frequencies

The 5G spectrum is reconciled to three different millimeter bands: 3.3-4.2 GHz, 4.4-5.0GHz, and 24,25-29.5 GHz. These proposed bands have merit in the amateur radio spectrum: 3.3 GHz-3.5 GHz and 24.0-25.0GHz.

SO, I wondered: How will these additional uses of amateur frequencies affect our amateur community experimentation in these bands? Are we hams using these bands? Have amateurs given away frequency spectrum without realizing the encroachment on our frequencies?

But the most elusive question: Will there be a 6G and when will it be coming? Should I wait on a new phone for 6G technology? (Reference: HF Electronics February 2019 pp6; Reference: skyworksinc.com/5G)

... And the following is taken from two of Glen's 1992 MVARA Newsletter articles:

HISTORY OF THE MVARA

There have been numerous inquiries made into the shaping of the Moreno Valley Amateur Radio Association. I imagine that a few hams may be curious as to the circumstances of its beginnings and essence, so as the MVARA Historian, I sit down to write them for you.

My first experience with hams in Moreno Valley was in April 1984 at a meeting in the old Moreno Valley Unified School District Building. The meeting, led by Carl Schmidt (KF6JE) was a roundtable discussion of emergency preparedness, restrictive antenna ordinances and amateur radio classes. I was invited to the meeting by J.D. (NK7W) who was later to become the MVARA's first president.

Informal monthly meetings began in February 1984 as a gathering at Shakey's Pizza; Moreno Valley hams adopted the title of Moreno Valley Amateur Radio Association and held elections in August 1984. The Club's official existence began on September 23, 1984, and in December 1984 a Tuesday night weekly net began on 147.48 Simplex. (The 2 meter repeater came into being about a year later.) Net roll call was long because it was conducted by name, alphabetically; the format was changed in 1985 to check-in by call sign.

Three Moreno Valley hams, J.D. (NK7W), Jerry Lloyd (N6MEJ), and Glen Johnsen (KA6GMA) participated in the first Field Day at the old antenna site on March Air Force Base in June 1985. (J.D. took his home base station apart and transported it to facilitate Field Day. Approximately 300 contacts were made.)

In August 1985 six people committed themselves to leading the MVARA: JD Weiss, President; Monty Hart, Vice President; Jerry Lloyd, Director of Operations; Glen Johnsen, Secretary-Treasurer; and members Betty Hapeman and John Thomas. Our goal: for the Club to still exist in five years (1990). The Board's first meeting was held at Jerry Lloyd's home and we decided to open membership to anyone interested in ham radio, and no dues were required. At the first "official" Club meeting on September 23, 1985 the treasurer reported \$0 in the fund; everyone present donated \$1, bringing the closing balance to \$6. Contribution suggested amounts were voted on: student and senior \$6; regular member \$12; family (2 or more) \$15.

Glenn Sperry joined that night and filled various leadership roles over the years. He was also the first area ham to devise a method of connecting an HT to a packet tnc and made a bit of history when he put that information on the packet network.

Tony Rojas, N6MDY, was instrumental in creating the Club logo, and was also instrumental in helping get a 2 meter repeater late in 1986. Bob Boyter, N6NYZ, published the first MVARA newsletter.

The first Christmas party was held at the school district building and \$15 from the small treasury paid for donuts and coffee. (Additional articles were written but not preserved. Thanks to Glen for this look-back.)