

February 2025



Newsletter of the County of Orange Radio Amateur Civil Emergency Service

CRO's Nest

by Ken Bourne, W6HK, OCRACES Chief Radio Officer

The Chain of Command

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Members of the Orange County Sheriff's Department, including RACES PSRs, are expected to follow the chain of command, which is the hierarchical line of authority and responsibility in which one rank obeys the one above it. The chain of command is a foundational element of the Orange County Sheriff's Department, including the Emergency Management Division, the OCRACES unit, and the Mutual Aid Bureau. It ensures operational effectiveness. It establishes a line of authority and responsibility, ensuring that orders are executed efficiently and cohesively.

The chain of command maintains order and discipline. It ensures that commands flow smoothly from the highest ranks or positions to the lowest, reducing confusion and promoting a structured environment where everyone understands their roles and responsibilities.

The chain of command facilitates clear and effective communication. Orders and information are passed down the hierarchy, ensuring that everyone is on the same page and can act in a coordinated manner. A well-defined chain of command enables swift decision-making and execution, which is vital in high-pressure situations where time is of the essence, such as during RACES emergency activations.

The chain of command establishes accountability at all levels. Leaders are responsible for the actions of subordinates, and subordinates are expected to follow the lawful orders of their superiors. This ac-

countability is critical for maintaining integrity and effectiveness.

Moral responsibilities for leaders include leading by example, demonstrating integrity, and ensuring the well-being of the RACES members. Leaders must foster a culture of respect and trust, providing guidance and support to the subordinates.

Subordinates have a moral responsibility to carry out their duties with diligence and professionalism. They must respect their leaders and peers, contributing positively to the RACES unit's morale and cohesion. Even when a subordinate disagrees with the direction given by their leaders, they have a responsibility to carry out all lawful and proper orders to the best of their ability. This principle ensures that the RACES unit operates efficiently and maintains discipline, as long as the orders are within the bounds of law and ethics.

Adherence to the chain of command is essential for success of the RACES activation or drill. It ensures that the plans are executed as intended and that everyone is working towards the same objectives.

A strong chain of command fosters cohesion and trust within a RACES unit. When everyone understands and respects the chain of command, it builds a sense of camaraderie and mutual respect. In rapidly changing situations, a clear chain of command allows for quick adaptation and response. It ensures that orders can be adjusted and disseminated efficiently, keeping the RACES unit agile and responsive.

**Next
OCRACES
Meeting**

**Monday,
February 3, 2025**

Loma Ridge

Justice Dept. and FBI Delete Chinese Malware

The Justice Department and FBI on Tuesday, January 14, 2025, announced a multi-month law-enforcement operation that, alongside international partners, deleted “PlugX” malware from thousands of infected computers worldwide. As radio amateurs and RACES members, we are concerned about the possibility of our computers being infected by Chinese malware, as we install software and firmware onto our computers for programming and operating Chinese-manufactured transceivers and instrumentation.

As described in court documents unsealed in the Eastern District of Pennsylvania, a group of hackers sponsored by the People’s Republic of China (PRC), known to the private sector as “Mustang Panda” and “Twill Typhoon,” used a version of PlugX malware to infect, control, and steal information from victim computers.

According to court documents, the PRC government paid the Mustang Panda group to, among other computer intrusion services, develop this specific version of PlugX. Since at least 2014, Mustang Panda hackers then infiltrated thousands of computer systems in campaigns targeting U.S. victims, as well as European and Asian governments and businesses, and Chinese dissident groups. Despite previous cybersecurity reports, owners of computers still infected with PlugX are typically unaware of the infection. The court-authorized operation announced on January 14th remediated U.S.-based computers infected with Mustang Panda’s version of PlugX.

“The Department of Justice prioritizes proactively disrupting cyber threats to protect U.S. victims from harm, even as we work to arrest and prosecute the perpetrators,” said Assistant Attorney General Matthew G. Olsen of the Justice Department’s National Security Division. “This operation, like other recent technical operations against Chinese and Rus-

sian hacking groups like Volt Typhoon, Flax Typhoon, and APT28, has depended on strong partnerships to successfully counter malicious cyber activity. I commend partners in the French government and private sector for spearheading this international operation to defend global cybersecurity.”

“Leveraging our partnership with French law enforcement, the FBI acted to protect U.S. computers from further compromise by PRC state-sponsored hackers,” said Assistant Director Bryan Vorndran of the FBI’s Cyber Division. “Today’s announcement reaffirms the FBI’s dedication to protecting the American people by using its full range of legal authorities and technical expertise to counter nation-state cyber threats.”

“This wide-ranging hack and long-term infection of thousands of Windows-based computers, including many home computers in the United States, demonstrates the recklessness and aggressiveness of PRC state-sponsored hackers,” said U.S. Attorney Jacqueline Romero for the Eastern District of Pennsylvania. “Working alongside both international and private sector partners, the Department of Justice’s court-authorized operation to delete PlugX malware proves its commitment to a ‘whole-of-society’ approach to protecting U.S. cybersecurity.”

“The FBI worked to identify thousands of infected U.S. computers and delete the PRC malware on them. The scope of this technical operation demonstrates the FBI’s resolve to pursue PRC adversaries no matter where they victimize Americans,” said Special Agent in Charge Wayne Jacobs of the FBI Philadelphia Field Office.

The international operation was led by French law enforcement and Sekoia.io, a France-based private cybersecurity company, which had identified and reported on the capa-

bility to send commands to delete the PlugX version from infected devices. Working with these partners, the FBI tested the commands, confirmed their effectiveness, and determined that they did not otherwise impact the legitimate functions of, or collect content information from, infected computers. In August 2024, the Justice Department and FBI obtained the first of nine warrants in the Eastern District of Pennsylvania authorizing the deletion of PlugX from U.S.-based computers. The last of these warrants expired on January 3, 2025, thereby concluding the U.S. portions of the operation. In total, this court-authorized operation deleted PlugX malware from approximately 4,258 U.S.-based computers and networks.

The FBI, through the victims’ internet service providers, is providing notice to U.S. owners of Windows-based computers affected by this court-authorized operation.

The FBI’s Philadelphia Field Office and Cyber Division, the U.S. Attorney’s Office for the Eastern District of Pennsylvania, and the National Security Cyber Section of Justice Department’s National Security Division led the domestic disruption operation. This operation would not have been successful without the valuable collaboration of to the Cyber Division of the Paris Prosecution Office, French Gendarmerie Cyber Unit C3N, and Sekoia.io.

The FBI continues to investigate Mustang Panda’s computer intrusion activity. If you believe you have a compromised computer or device, please visit the FBI’s Internet Crime Complaint Center (IC3) at <https://www.ic3.gov>.

You may also contact your local FBI field office directly. The FBI strongly encourages the use of anti-virus software as well as the application of software security updates to help prevent reinfection.

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Essential Guide to Two-Way Radio Comm's

by Scott Read, KM6RFB

Shorthand expressions and codes are useful for radio communication, especially when you need to transfer information quickly. It's important to make sure that everyone's on the same page with the terminology you're using and what it all means, so make sure all radio users know and understand all the terms in advance. You may decide to just use plain language, or use just a few of these terms instead of all of them – whichever helps your team to communicate effectively.

Common terminology in radio communication is crucial because it ensures clear and concise information exchange between individuals or groups, especially in critical situations like emergencies/disasters, by eliminating confusion arising from different interpretations of words or phrases, allowing for swift and effective action; essentially, everyone on the same radio channel understands the meaning of each term used, leading to better coordination and response times.

In amateur radio, we tend to use terminology that has been applied to and accepted in our community, deeply rooted in our long history, particularly from the historic use of telegraphy with Morse code stemming from the 1850s.

In the world of the public-safety community we serve, however, amateur radio operators need to shift our mindset to using its language of public safety, understand agencies' requirements and how they communicate. Public safety workers generally do not understand our jargon, nor have the time to learn it. Under presidential directive after 9/11, the whole community needed to adopt common language, which ultimately embraced the NIMS/ICS terminology set.

A good example is the Q-signals table, a system of radio shorthand as old as wireless and developed from even older telegraphy codes. Q-signals are a set of abbreviations for common information that save time and allow communication between amateur radio operators. But public safety professionals are almost totally unfamiliar with it. Just the opposite is true with public safety and the use of Ten Codes, with which we as hams are mostly unfamiliar. Examples for police radio: 10-0 Use Caution; 10-1 Weak Signal; 10-2 Good Signal; 10-3 Stop Transmitting; 10-4 Affirmative; etc. [Read the police 10-codes](#). Even worse, they may not even be clear between public-safety agencies. This can impede the flow of information between served agencies in a timely process.

Key points about the importance of common radio terminology:

- Reduces miscommunication: Using standardized terms minimizes the risk of misunderstandings that could have serious consequences in emergency scenarios.
- Improves interoperability: When different agencies or teams use the same radio language, it facilitates collabo-

ration and information sharing across groups.

- Efficiency in communication: Standardized phrases and codes allow for faster transmission of information, particularly when time is critical.
- Safety enhancement: Clear and consistent communication is essential for ensuring safety in situations like search and rescue operations or industrial work environments.

Examples of common radio terminology:

- *Roger*: Acknowledgment of a message received.
- *Over and Out*: Indicates the end of a transmission and requests a response
- *Mayday*: Emergency distress call
- *Affirmative*: Yes
- *Negative*: No
- *Go ahead*: I am ready for your message
- *Say again*: Repeat all of your last message
- *Say all before/after*: Repeat all before/after a certain phrase or word if you didn't catch part of the message
- *Out*: Conversation is finished, no answer is required or expected
- *Radio check*: What's my signal strength? Can you hear me?
- *Read you loud and clear*: Your transmission signal is good; I can hear you fine
- *Wilco*: Abbreviation of "I will comply", means the speaker will complete the task that's been asked of them
- *Break, break*: Interruption to a transmission to communicate urgently
- *Emergency, emergency*: Distress call, only to be used when there is an imminent danger to life and immediate assistance is required
- *Stand by*: Wait
- *Wait out*: Waiting period is longer than I expected, I will get back to you as soon as possible
- *I spell*: The next word will be spelled out using the phonetic alphabet

The ITU or NATO phonetic alphabet is internationally recognized and used. If you've ever tried to spell a word over a radio, you'll understand why—it makes things much simpler. [Read the ITU phonetic alphabet list](#).

In conclusion, we need to keep in mind that at the end of the day we work for the served agency. We should think of them as our client and the citizens we serve as our customers. It is also important to remember how we integrate into their operation and not the other way around. [[Scott Read, KM6RFB](#), is a COML, COMT, AUXCOMM cert holder, and SKYWARN operator.] This article courtesy of ARRL's *The ARES Letter* for January 15, 2025.

Hams Serving During California Firestorms

The Following article appeared in “Recent News” on January 13, 2025, on the ARRL website—Editor.

As the firestorms across Southern California continue to threaten millions of residents, trained amateur radio operators are serving critical volunteer roles to help officials spot fires before they get out of control. Dry conditions and wind gusts of 100 miles per hour have fueled days of devastating wildfires. Entire neighborhoods have been leveled by infernos.

The Eaton fire burned to the top of Mount Wilson, a critical logistical post for broadcast radio and television stations, as well as communications across the Southland. Federal agencies, air traffic control, local emergency responders, radio amateurs, and others all share tower space on the mountain.

While the main fires have been burning north and northwest of the central section of Los Angeles, just to the south, hams are standing watch. Orange County Fire Watch (OCFW) is a program locally organized by the Orange County Parks Department and the Irvine Ranch Conservancy.

During severe fire weather, volunteers go to preassigned locations within parks and open spaces to report conditions. Many of them are hams, using the amateur radio bands to fill in mobile network weak zones.

ARRL National Instructor Gordon West, WB6NOA, is among the deployed volunteers. He said hams are stepping up. “We’re all over the ARRL Orange Section on hilltops, reporting the wind and humidity, ash seen coming down, scanning for spot fires (none so far), smoke from the LA fires, guest activity at the parks, and being a presence at

trailheads with reflective vests and vehicle signs indicating Fire Watch,” he said.

Ray Hutchinson, AE6H, is a retired Firefighter who serves as the chief radio officer for Fire Watch. He says local clubs are key to providing the needed RF infrastructure. “Our local club, the South Orange Amateur Radio Association (SOARA), an ARRL Special Service Club, provides linked 2-meter and 70-centimeter repeaters: one high level and one coastal, for use by OCFW hams during deployments. There is a formal OCFW Net Control Station (NCS) for the entirety of these events,” he said.

Radio amateurs are also ready and able to serve at evacuation centers, providing support as needed.

Members of ARRL Headquarters staff have been in touch with ARRL volunteers and other ham radio groups around the affected area, and are offering material support for any activations. “It has been a busy start to the year for ham volunteers,” said ARRL Public Relations and Outreach Manager Sierra Harrop, W5DX. “Whether it’s firestorms or ice storms or any other need, ARRL volunteers selflessly serve their communities. We’re mindful that large-scale events like this impact the hams who are active serving,” she said.

ARRL Director of Emergency Management Josh Johnston, KE5MHV, has been on calls with the Federal Emergency Management Agency (FEMA) and other served agencies, offering ARRL resources. Efforts are being coordinated locally by Emergency Network Los Angeles (ENLA), the Voluntary Organizations Active in Disaster (VOAD) group in Southern California.

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Pause after PTT on the 2-Meter Repeater

The OCRACES 2-meter repeater is actually a multiple-site simulcast system for extended coverage throughout Orange County. For example, members with handheld radios in Dana Point and Rancho Santa Margarita can access the system reliably through a repeater in San Clemente that is linked to Loma Ridge, whereas they normally could not reach the main repeater at Loma Ridge. For it to work, a Simulcast system must be pre-

cisely timed, resulting in a short operational delay that could cut off a first transmitted word. Consequently, users of the repeater are asked to pause a second before speaking, after keying push-to-talk on their radios. Net control stations, especially, must remember to pause before saying “Roger” to acknowledge net check-ins. When checking in late, applicant, or visitor stations, net control must say “Roger” followed by the station’s call sign or suffix★

OCRACES Closed Meeting at EOC: February 3

The next OCRACES meeting will be on February 3, 2025, at 7:30 p.m., at the Orange County EOC at Loma Ridge. This will be a closed meeting for members only. Included will be radio training of both the County console in the RACES Room and training of law-

enforcement radio pack sets

Members of City RACES and EmComm units are encouraged to send an email to Joe Selikov, KB6EID, at joe.selikov@gmail.com if they have anything that they would like to have discussed at the meeting. ★

Ham Radio Open House in April 2025

To help promote amateur radio science and technology, and to honor the 100th anniversary of the International Amateur Radio Union (IARU), ARRL is inviting radio clubs and schools to organize a Ham Radio Open House in April, built around World Amateur Radio Day (WARD) on April 18, 2025.

The event is intended to highlight the Amateur Radio Service for its development and practice of the latest radio communications and technology, and as a hands-on pathway into science, technology, engineering, and mathematics (STEM) fields for the next generation.

Radio amateurs who focus strictly on the role of amateur radio in emergency communications and ignore the technological aspects of amateur radio are missing out on the excitement of ham radio and the opportunity to learn more about radio electronics and contribute their knowledge to the enhancement of their RACES unit. We encourage RACES members to join an amateur radio club and get involved in the club's Ham Radio Open House and World Amateur Radio Day.

In April, amateur radio clubs, school stations, and other groups will have the opportunity to advance public knowledge about ham radio by welcoming their communities into their stations for the Ham Radio Open House, as part of World Amateur Radio Day. The focus will be on scientific advancement and demonstrating cutting-edge technology. This is a chance to not only shape the conversation about modern ham radio but also to show how it serves as a steppingstone and testbed for many young people pursuing STEM education and future high-tech careers.

ARRL has teamed up with HamSCI—Ham Radio Science Citizen Investigation—and the science community organization SciStarter to invite the public to participate in One Million Acts of Science during April, which is Citizen Science Month. By hosting a Ham Radio Open House at your group's station on April 18th, you'll introduce individuals who might never otherwise find out about today's amateur radio, where science and technology intersect with fun and learning.

ARRL Public Relations and Outreach Manager Sierra Harrop, W5DX, said ARRL is excited to work with HamSCI and SciStarter on this project. "This is an exciting opportunity to really reclaim the public's image of ham radio and show them the modern, cutting-edge technology that's in use by many amateurs," she said.

Clubs are encouraged to showcase the latest weak-signal modes, such as FT8 using WSJT-X, or other digital modes. This could be a great opportunity to explore new areas of amateur radio and demonstrate how the service is at the cutting edge of electrical engineering.

WARD is Friday, April 18, 2025, at 0000 UTC until

Saturday, April 19, 2025, at 0000 UTC but the Ham Radio Open House can be held any time in April, as works best for a local club.

World Amateur Radio Day, held on April 18 each year, is celebrated worldwide by radio amateurs and their national associations which are organized as member-societies of the International Amateur Radio Union (IARU). It was on this day in 1925 that the IARU was formed in Paris. American Radio Relay League (ARRL) Co-Founder Hiram Percy Maxim was its first president. A major theme for 2025 is celebrating 100 years of IARU.

HamSCI (hamsci.org) has built a community by connecting radio amateurs and citizen scientists in ionospheric research. The Solar Eclipse QSO Parties held during the 2023 annular eclipse and the 2024 total solar eclipse provided significant data for researchers studying the ionosphere's response to the eclipses, wrapped into fun operating events. SciStarter is working to engage people from all walks of life in one million acts of science during Citizen Science Month in April (scistarter.org/citizensciencemonth), to promote public participation in scientific research. ARRL's Ham Radio Open House provides a unique opportunity to help achieve that goal.

Imagine open-house visitors seeing a Software-Defined Radio (SDR) waterfall display and then hearing what the signal they see on the screen sounds like—that's an act of science! Taking it a step further, let them take a Standing Wave Ratio (SWR) measurement of an antenna, modify it slightly, and take another reading. They've just gathered data, made a physical change, and measured the impact of their modifications. Not only is that an additional act of science, but it's also a great way to engage people in hands-on learning about ham radio. With this kind of involvement, visitors will be more likely to return for a club meeting or participate in future events. Clubs will be asked to track those acts of science and submit a report to ARRL detailing the number of acts and the total number of visitors.

Amateur radio experimenters were the first to discover that the short-wave spectrum could support long-distance radio signal propagation. In the rush to use these shorter wavelengths, amateur radio was "in grave danger of being pushed aside," the IARU's history has noted. Amateur Radio pioneers met in Paris in 1925 and created the IARU to promote the interests of amateur radio worldwide and to protect and enhance its spectrum privileges. Today, the IARU is a federation consisting of more than 160 national amateur radio organizations in as many countries and separate territories. The International Secretariat of the IARU is ARRL—The National Association for Amateur Radio® in the United States.

Countywide RACES/EmComm News

“RACES/EmComm News” provides an opportunity to share information from all City & County RACES/ACS units and EmComm organizations and supportive amateur radio clubs in and near Orange County, as well as from Cal OES and federal agencies.

Please send your news to NetControl Editor Ken Bourne, W6HK, at:

kbourne.ocsd@earthlink.net



[City of Orange RACES: Baker to Vegas](#) [by Scott MacGillivray, KM6RTE](#)

The City of Orange Amateur Radio (COAR) RACES organization is looking for volunteers to assist with the upcoming Baker to Vegas race held on Saturday, April 5th, and Sunday, April 6th.

As background, for the last 20+ years, the Orange Police Department (OPD) has fielded a team of top runners that participate in this international event. [Website: <https://bakervegas.net/>]. The OPD typically participates in the popular category of departments with less than 150 officers and frequently finishes in the top 3. The race starts about 24 miles north of the town of Baker, California (around early afternoon Saturday), runs along highways 127, 178, 372, and 160 through the towns of Shoshone and Pahrump, and finishes in Las Vegas, Nevada (around 7:30 a.m.). The race covers a distance of 120 miles and is broken down into 20 stages. Due to the distances involved, the terrain, and the lack of established communication infrastructure (i.e., Cell Towers) over the race course, there is the need to create a custom, specific communications network to support team communication needs. To address this need, COAR utilizes Starlink internet as primary, and Amateur Radio as backup for communications.

A key element of this effort is the volunteers who make up our Communications Support Team. Without these volunteers, we wouldn't be able to operate this expansive setup. Many who participate come back from the event with great stories to share and experiences applicable to our EmComm role.

If you would be interested in supporting the race this year, please let me know. In addition, we have a few volunteer assignments that don't require a ham license (e.g., shuttle drivers), so don't let that keep a friend (e.g., CERT) from participating in this great training exercise. There are even a couple of volunteer assignments that can utilize GMRS radios instead of Amateur Radio for backup communications. They are all rewarding and valued assignments.

If you know someone that might be interested in volunteering, please feel free to forward this article to them.

I plan to utilize virtual meetings (i.e., Zoom) as much as possible in order to make it easier to participate in the preparation meetings. Though, we will have an in-person “equipment check-out and dry run” the morning of Saturday, March 22nd at the OPD facility in the city of Orange.

All volunteers will be provided no-charge hotel accommodations Friday and Saturday evenings. As we get closer to the April dates and assignments are known, I will do my best to coordinate carpooling in order to help minimize travel expenses.

If you have any questions or need a clarification on something, please do not hesitate to contact me (email preferred: csmac-g67@outlook.com). Thanks in advance for your assistance.

[Westminster RACES](#)

Westminster RACES is seeking amateur radio operators who can assist on February 1, 2025, from approximately 5:30 a.m. to 4:00 p.m. for the 2025 annual TET Parade & Festival. If you are interested in assisting, please contact Chief Radio Office Adam Valek, N6HVC, at adam.n6hvc@gmail.com.

[Orange County Fire Watch](#)

Madison (Madi) Killebrew is now the Program Manager—Fire Prevention & Management, Irvine Ranch Conservancy, for the Orange County Fire Watch Volunteers. Renalynn Funatilla is the OC Fire Watch Program Coordinator. They produce the assignment list of volunteers that will be in the field for Red Flag Warnings at staffed locations. The Fire Watch Hotline is (714) 508-4700.

OC Fire Watch was very busy during the recent Red Flag Warnings and High Wind Warnings. For example, the National Weather Service declared a Red Flag Warning starting on January 20, 2025. Volunteers signed up for deployment shifts. NWS eventually extended the Fire Watch to January 24th. OC Fire Watch had 332 shifts filled by volunteers over those past 5 days, which included those stationed at Fire Watch locations, monitoring AlertCA cameras, and facilitating an Operations Center conducting safety checks for those in the field.

February 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Weekly 60 m ACS Net
2	3 Weekly 2 m ACS Net & OCRACES Meeting	4	5	6	7	8 Weekly 60 m ACS Net
9	10 Weekly 2 m ACS Net	11	12	13	14	15 Weekly 60 m ACS Net
16	17 Weekly 2 m ACS Net	18	19	20	21	22 Weekly 60 m ACS Net
23	24 Weekly 2 m ACS Net	25	26	27	28	

Upcoming Events:

- February 3, 1930-2130 hours: OC-RACES Meeting
- February 17: Presidents' Day (2 meter ACS net remains active)



<https://ocraces.org>

Mission Statement

County of Orange RACES has made a commitment to provide all Public Safety departments in Orange County with the most efficient response possible to supplement emergency/disaster and routine Public Safety communications events and activities. We will provide the highest level of service using Amateur and Public Safety radio resources coupled with technology, teamwork, safety, and excellence. We will do so in an efficient, professional, and courteous manner, accepting accountability for all actions. We dedicate ourselves to working in partnership with the Public Safety community to professionally excel in the ability to provide emergency communications resources and services.

County of Orange RACES Frequencies

- 60 m: 5371.5 kHz USB (dial) (Channel 4) (OC ACS Net—Saturdays, 1000 hours)
- 6 m: 52.620 MHz output, 52.120 MHz input, 103.5 Hz PL
- 2 m: 146.895 MHz output, 146.295 MHz input, 136.5 Hz PL*
- 2 m: 146.595 MHz simplex
- 1.25 m: 223.760 MHz output, 222.160 MHz input, 110.9 Hz PL (down for repair)
- 70 cm: 446.000 MHz simplex
- 70 cm: 448.320 MHz output, 443.320 MHz input, 141.3 Hz PL (private)
- 70 cm: 449.100 MHz output, 444.100 MHz input, 110.9 Hz PL (private)
- 70 cm: 449.180 MHz output, 444.180 MHz input, 107.2 Hz PL (private)
- 70 cm: 449.680 MHz output, 444.680 MHz input, 131.8 Hz PL (private)
- *Primary Net—Mondays, 1900 hours

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Visit Our Web Site
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It's Where It's @!

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**“W6ACS ...
 Serving
 Orange County”**

Meet Your County of Orange RACES Members!

Officers →

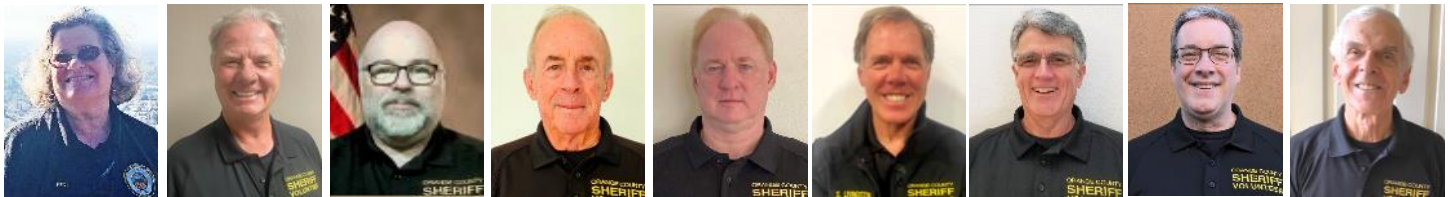


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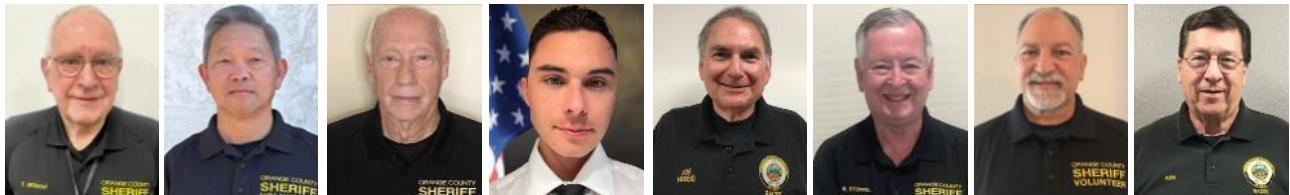
**OCSD
 RACES
 Coordinator** →



Lee Kaser
 KK6VIV



Heide Aguire K3TOG
Joel Bishop AJ6ZP
Eric Bowen W6RTR
Bill Ehart KM6ZHO
Ted Lavino KG6LZP
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