October 2025

Newsletter of the County of Orange Radio Amateur Civil Emergency Service

Inside this issue:

CRO's Nest	1
OCRACES Meeting	3
Countywide Drill	3
David Janisch, KN6HEE	4
Luis Torres, KC6THP	4
NASA Moon Mission	5
Help Pass Bill	5
Cybersecurity Month	5
RACES News	6
Events Calendar	7
OCRACES Members	8

Next OCRACES Meeting

Monday, October 6, 2025, 7:30 p.m.

Online on Zoom

Ham EmComm—Leveraging the Right Tools and Resources

Orange County Sheriff's Department
Emergency Management Division

CRO's Nest

by Ken Bourne, W6HK, Chief Radio Officer Emeritus

General Mobile Radio Service (GMRS)

For the first time, OCRACES incorporated GMRS (General Mobile Radio Service) into one of its ACS (Auxiliary Communications Service) drills (on July 26, 2025). ACS incorporates not only RACES, but other forms of communications, such as ARES, GMRS, FRS (Family Radio Service), MURS, CB, Starlink, cellular telephones, etc. Just because we are called "OCRACES" doesn't mean we are confined to the restrictive FCC RACES rules (except during a rare RACES declaration), but we may and do operate under the entire FCC Amateur Radio Service rules during our ACS drills, nets, and activations, allowing us to communicate with ARES and other EmComm members as well as with any licensed radio amateur. We retain the "RACES" name, which signifies that we may operate under restrictive RACES rules such as during secure operations or when all other radio amateurs must cease operation (e.g., during a declaration of President's War Emergency Powers).

As county and city RACES and EmComm members, we need to be able to use all forms of communications to serve our agencies and the public during emergencies, which includes GMRS. In this article, we will explore what we need to know about GMRS operations, including how it can intercommunicate with FRS stations in some circumstances.

GMRS and FRS operate in the same UHF spectrum between 462 and 467 MHz, which is a few megahertz above the 70-centimeter amateur radio band. They operate in accordance with Part 95 of the FCC rules, whereas amateur radio operates under Part 97. Some amateur radio transceivers (such as AnyTone) are supposedly certified to operate under both Part 97 and Part 90 (which includes such frequencies as "UHF Blue Channel" used by the OCSD Search & Rescue Reserve Unit), but no Part 97 or Parts 97/90 transceivers are permitted to transmit on Part 95 frequencies, such as GMRS.

GMRS Operating Frequencies

GMRS is allocated 30 channels in the 462-467 MHz band, including:

- **16 Main Channels:** Eight simplex/repeater output channels in the 462 MHz band and eight repeater input channels in the 467 MHz band. (Note that this repeater structure is "high-in/low-out," contrary to the Southern California 70-cm amateur repeater structure of "low in/high-out".)
- **14 Interstitial Channels:** Seven in each band, shared with FRS for simplex communications at reduced power

All channels except the 467-MHz main (repeater input) channels are shared with FRS, though FRS is subject to stricter technical limits and is not permitted to access repeaters or use external antennas. GMRS users, by contrast, can leverage higher transmitter power and repeaters on designated channels.

(Continued on page 2

CRO's Nest *Continued from page 1*

FRS/GMRS Channels						
FRS/ GMRS Channel	**Frequency (MHz)**	**FRS Power**	**FRS B-width (kHz)**	**GMRS Power**	**GMRS B-width (kHz)**	**Note**
1	462.5625	2 W	12.5	5 W	20	1.
2	462.5875	2 W	12.5	5 W	20	1.
3	462.6125	2 W	12.5	5 W	20	1.
4	462.6375	2 W	12.5	5 W	20	1.
5	462.6625	2 W	12.5	5 W	20	1.
6	462.6875	2 W	12.5	5 W	20	1.
7	462.7125	2 W	12.5	5 W	20	1.
8	467.5625	0.5 W	12.5	0.5 W	12.5	1.
9	467.5875	0.5 W	12.5	0.5 W	12.5	1.
10	467.6125	0.5 W	12.5	0.5 W	12.5	1.
11	467.6375	0.5 W	12.5	0.5 W	12.5	1.
12	467.6625	0.5 W	12.5	0.5 W	12.5	1.
13	467.6875	0.5 W	12.5	0.5 W	12.5	1.
14	467.7125	0.5 W	12.5	0.5 W	12.5	1.
15	462.5500	2 W	12.5	50 W	20	1. 2.
16	462.5750	2 W	12.5	50 W	20	1. 2.
17	462.6000	2 W	12.5	50 W	20	1. 2.
18	462.6250	2 W	12.5	50 W	20	1. 2.
19	462.6500	2 W	12.5	50 W	20	1. 2.
20	462.6750	2 W	12.5	50 W	20	1. 2.
21	462.7000	2 W	12.5	50 W	20	1. 2.
22	462.7250	2 W	12.5	50 W	20	1. 2.
GMRS Channel	**Repeater Input**			**GMRS Power**	**GMRS B-width**	**Note**
RPT-1	467.5500			50 W	20	3.
RPT-2	467.5750			50 W	20	3.
RPT-3	467.6000			50 W	20	3.
RPT-4	467.6250			50 W	20	3.
RPT-5	467.6500			50 W	20	3.
RPT-6	467.6750			50 W	20	3.
RPT-7	467.7000			50 W	20	3.
RPT-8	467.7250			50 W	20	3.

1. Shared FRS and GMRS simplex.
2. GMRS repeater output.
3. GMRS repeater input only.

Recent FCC reforms clarified that GMRS and FRS operate on a 22-channel core that enables basic interoperability, but with major restrictions for unlicensed users regarding power and antenna flexibility. Additionally, GMRS has access to 8 exclusive repeater pairs, allowing duplex operation via repeaters.

FRS Operating Frequencies

FRS operates on 22 UHF channels, all of which are allotted to GMRS as well, per 47 CFR § 95.563:

- **Channels 1-7 (462 MHz):** Shared with GMRS; historical FRS/GMRS overlap.
- **Channels 8-14 (467 MHz):** FRS only until 2017, now also available to GMRS but only to handhelds and at 0.5 W maximum.
- **Channels 15-22 (462 MHz):** Historically GMRS-exclusive; since 2017, accessible to both FRS and GMRS.

All FRS channels are simplex. No repeater operation is permitted. Bandwidth is restricted to 12.5 kHz.

GMRS Power Limits

GMRS power limits are shown in the chart at left. On 462/467 MHz main channels, the legal limit is transmitter output power, *not* ERP, meaning high-gain external antennas may be used for greater effective field strength, subject to FAA/FCC antenna height regulations (see below). On 462 MHz interstitial and 467 MHz interstitial channels, the limit applies to ERP, restricting antenna gain as well as transmitter output.

GMRS repeaters may have transmitter *output* up to 50 W on 462 MHz output frequencies, while receiving input on the paired 467 MHz main channel, where ERP is also up to 50 W, as these are also main channels.

Handheld operation on 467 MHz main (repeater input) channels is permitted only via a repeater (i.e., as transmit-to-repeater). Simplex use is prohibited except for fixed-to-fixed brief test transmissions.

GMRS Repeater Access

Any licensed GMRS user may use GMRS repeaters unless prohibited by repeater owner policy—some repeaters are private, others open. Users must identify using their FCC-issued call sign at least once every 15 minutes when transmitting through a repeater.

Repeaters cannot be linked to the telephone network except for remote operation as defined by the FCC rules.

FRS radios cannot access or benefit from repeaters as they lack the required dual-frequency transmit/receive capability and are not authorized to use the 467 MHz main (repeater input) frequencies. ✸

Next OCRACES Meeting: October 6th on Zoom

The next County of Orange RACES meeting will be on Monday, October 6, 2025, at 7:30 p.m., on Zoom. It will be open to all county and city RACES and EmComm members, and anyone interested in emergency communications. The title of this meeting is "**Ham EmComm—Leveraging the Right Tools and Resources**."

The presenter of this topic is John Trinterud, K6ONR. John has 55+ years of experience in communications. Based in Walnut Creek, California, he serves as a Technical Specialist in the ARRL East Bay Division.

Key topics include:

- How to stay relevant
- How to leverage CERT
- The role of Winlink and custom forms
- Examples of community collaboration

The Zoom meeting ID and passcode were emailed on September 14th and 28th to the Groups.io list for this newsletter and are available from the *NetControl* Editor.

✸

Countywide Drill: October 18th

OCRACES will lead a countywide emergency communications (EmComm) drill on Saturday, October 18, 2025. The disaster scenario is widespread and extensive violence by protestors, including arson, vandalism, and cyberattacks on county and city infrastructure such as power distribution stations, phone exchanges, and other utilities. As a result, most of Orange County is without power, the internet, and regular and cellular phone service. The County EOC and most city EOCs are activated. In this scenario, violent actions and events have caused:

- Groups of agitated people rooming through various OC cities causing property damage and inflicting personal attacks,
- Widespread looting of businesses and personal property throughout the county,
- Several city government facilities have been taken over and are currently occupied by bad actors, and
- Many personal, commercial and government buildings have been set on fire, including supermarkets, strip malls, gas stations, city government buildings, and apartment complexes.

Normal intercommunications (WebEOC, phone lines, and internet) between the County and various city and hospital EOCs are not working. The 800-MHz trunked radio system has been impacted due to widespread power outages and oversaturation of the remaining system. Therefore, EmComm operators will connect these EOCs, with their access to communication methods that utilize only minimal infrastructure (electrical power, for example).

There are two separate and independent elements to the drill:

- **Voice Message Traffic.** Prewritten messages to/from the County EOC RACES Room at Loma Ridge and participating city, hospital, and American Red Cross EOCs. Individual EmComm operators are not part of this drill element.
- **Winlink Message Traffic.** Winlink messages from all EmComm operators across Orange County and adjacent counties. Send W6ACS a message by Winlink RMS gateway or telnet with an attached Field Station Report form with information pertinent to the disaster scenario.

The EOC-to-EOC voice message traffic element will start at 0900 hours and is expected to last no longer than two hours. Winlink message traffic from all participating radio amateurs will be accepted only during the three-hour period from 0900 to 1200 hours on Saturday. Use the *what3words* app for reporting your location. See the drill plan, which was emailed to the Groups.io list on September 28th, for details on the fields to be completed in the Field Station Report form.

In support of this drill, approximately six OCRACES members are needed to help in the EOC RACES Room at Loma Ridge.

OCRACES members will support radio communications with assigned cities using their assigned OCRACES frequency. Chief Radio Officer Scott MacGillivray, KM6RTE, will prepare a basic "script" to use, and the message traffic with the cities will be mostly prewritten but need to be read. Two operators are needed at each of three station positions each. Another person would be appreciated to help Scott with the Winlink element of the drill form 0900 to 1200 hours.

The drill starts at 0900 but everyone will need to be in the RACES Room no later than 0830 to review preparations. The voice message traffic element of the drill is expected to be over before 1100 hours, and the Winlink element by 1200 hours.

Voice message traffic is to be only between the County EOC and City and other EOCs. Anyone can participate on Winlink.

✸

Welcome to David Janisch, KN6HEE

Welcome to David Janisch, KN6HEE, who became an OCRACES member at our last meeting on Monday, September 8, 2025, at Loma Ridge.

David received both his Technician and General ham licenses in 2020 and became a PSR in August 2025. He grew up in eastern Pennsylvania and was interested in radio communications ever since listening to the fascinating communication between the Apollo astronauts and the ground control stations during the 1960s. He also remembers the excitement and proliferation of CB radios during the 1970s. After graduating with a BS in Mechanical Engineering from Penn State, he crossed the country to work on launch vehicles for McDonnell Douglas (now Boeing) in Huntington Beach. During that time, he completed an MS in Mechanical Engineering from CSU, Long Beach, before taking a job with TRW (now Northrup Grumman) in Redondo Beach. Working on satellites, he was awarded a TRW fellowship for an MS in Electrical Engineering – Communication Systems from USC, which led to a position as a communications systems engineer.

His technical career spanned the aerospace, computer, semiconductor, and medical device industries, while moving up the management chain. He eventually worked on the business side of tech in mergers and acquisitions (M&A), venture capital, and investment banking.

He spent the last few years assisting a founding instructor to design and implement a four-year engineering pathway curriculum at Samueli Academy in Santa Ana, a public charter high school for foster youth and other interested students. Credentialed in both Mathematics and Engineering/Architecture, he taught Engineering and Robotics and was an advisor for a robotics club and a cyber security club. After retiring from full-time work in 2024, he continues to work part time at the school and sponsors an engineering scholarship for a top graduating senior enrolling in a four-year university engineering program.

He and his wife have resided in Laguna Niguel since 1994. There he volunteered numerous times as a coach and was president of a youth sports organization, served on Laguna Niguel city counsel committees, and has participated since November 2024

David Janisch, KN6HEE.

with the Laguna Niguel Auxiliary Communications Service (LNACS).

David's interests include emergency communications, which compliment his wife's running the neighborhood watch program for the local homeowner's association. He also has an FAA Part 107 drone pilot license and has recently joined the OCSD Aero Squadron Reserve Unit. He rides motorcycles with his son, who lives locally, and he spends significant time with his two young granddaughters.

Welcome to Luis Torres, KC6THP

Welcome to Luis Torres, KC6THP, who became an OCRACES member at our last meeting on Monday, September 8, 2025, at Loma Ridge.

Luis has lived in Irvine since the summer of 1972. He attended elementary school in Irvine and finished high school in Tustin. Luis is 62 years old and will have been retired from the Santa Ana Police 10 years in December. He has a Technician Class amateur license and obtained it in the early 1980s as he was becoming involved in Law Enforcement. He was quite involved in emergency communications as a member of IDEC. Career and family took priority and radios were put away until recently.

Luis worked several assignments as an officer after attending the Orange County Sheriff's Academy in 1985. Those assignments were Patrol, Directed Patrol, and Traffic. He was also a member of the Homeland Security Unit, which gave him extra training in emergency operations, mutual aid, and responding to disasters and large events in the mobile communications and command vehicle.

Luis Torres, KC6THP.

Hams Needed to Track NASA Moon Mission

The National Aeronautics and Space Administration (NASA) is seeking volunteers to passively track the 2026 Artemis II Orion spacecraft as the crewed mission travels to the Moon and back to Earth.

The Artemis II test flight will send NASA astronauts Reid Wiseman, KF5LKT; Victor Glover, KI5BKC; and Christina Koch, along with Canadian Space Agency (CSA) astronaut Jeremy Hansen, KF5LKU, on an approximately 10-day mission around the Moon.

Targeted for no later than April 2026, the mission will rely on NASA's Near Space Network and Deep Space Network for primary communications and tracking support throughout its launch, orbit, and reentry. However, with a growing focus on commercialization, NASA wants to further understand industry's tracking capabilities.

This collaboration opportunity builds upon a previous request released by NASA's Space Communication and Navigation Program (SCaN) during the Artemis I mission in 2022. Ten volunteers successfully tracked the uncrewed Orion spacecraft on its journey thousands of miles beyond the Moon and back.

One of those volunteers tracking in 2022 was Scott Chapman, K4KDR, of Montpelier, Virginia. "Sometimes it's what you don't know that makes this kind activity interesting," said Chapman. "All I had was a small S-band dish and receiver and wasn't sure what I could or couldn't hear...but when I started hearing the signals...it made everything worth it."

Chapman said he felt good about the whole process and, while it was interesting, it was also lot of fun!

There were also other participants during the Artemis I mission, including international space agencies, academic institutions, commercial companies, nonprofits, and private citizens who were also attempting to receive Orion's signals. Chapman added that NASA is also looking for commercial partnerships to share in the process.

If you're interested in volunteering for next year's event, all of the information can be found at SAM.gov. The response deadline is October 27, 2025, at 5:00 p.m. EDT. ✸

ARRL Needs Hams to Help Pass Bill

ARRL The National Association for Amateur Radio® needs every radio amateur in the United States to send letters to Washington as they continue their nationwide grassroots campaign to pass the Amateur Radio Emergency Preparedness Act. The process is simple: click the button at www.arrl.org/HOA, put in your call sign, and press the red SEND MY LETTERS button. It takes mere seconds!

The letters will automatically be sent to your elected officials encouraging them to support the bipartisan bills. This legislation is intended to prevent restrictive homeowners' association (HOA) rules that currently prohibit or severely limit the installation of amateur radio antennas. Passage would give amateur radio operators the same rights to install antennas on their property as those enjoyed by users of TV antennas, wireless internet, and flagpoles.

✸

October Is Cybersecurity Awareness Month

October is Cybersecurity Awareness Month—a nationwide initiative led by the Cybersecurity and Infrastructure Security Agency (CISA) and the National Cybersecurity Alliance to promote safer digital practices across all sectors.

2025 Theme: Building a Cyber Strong America

This year's campaign emphasizes the role of state, local, tribal, and territorial governments (SLTT), small and medium businesses, and supply-chain entities in protecting critical infrastructure—from water and power to healthcare and finance.

Adopt These Core Cybersecurity Practices

CISA recommends these foundational steps for individuals and organizations:

- **Recognize and report phishing:** Spot scams before they spread.
- **Use strong, unique passwords:** Consider a password manager.
- **Enable multifactor authentication (MFA):** Adds a vital layer of defense.
- **Update software regularly:** Patch vulnerabilities before attackers exploit them.

Additional Resilience Measures for Organizations

- **Enable system logging:** Detect suspicious activity early.
- **Back up data:** Speed recovery after incidents.
- **Encrypt sensitive information:** Make stolen data unreadable.
- **Adopt a .gov domain** (for government entities): Boosts trust and security.

Get Involved

You can join as a Cybersecurity Awareness Month Champion through the National Cybersecurity Alliance to access free toolkits, graphics, and educational materials.

✸

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

Orange County Amateur Radio Club (OCARC)

The next meeting of the Orange County Amateur Radio Club will be their annual Radio/Electronics Auction. The meeting will be on Friday, October 17, 2025, at 7:00 p.m., at the American Red Cross (George M. Chitty Building), 600 Parkcenter Drive, Santa Ana).

International ShakeOut Day

At 10:16 a.m. local time on Thursday, October 16, 2025, will be the "Drop, Cover, and Hold On" drill during International ShakeOut Day. After the drill, amateur radio operators are encouraged to submit Winlink DYFI ("Did You Feel It?") reports. These reports provide valuable ground-truth data to the U.S. Geological Survey (USGS), helping scientists monitor earthquakes and informing emergency managers in near real-time.

By sending your DYFI report via Winlink (Cc: SHAKEOUT; ETO-DRILL), you will:

- Test emergency communication readiness
- Contribute directly to USGS science and community resilience
- Demonstrate the unique value of amateur radio in disasters

Gabe Armijo, KM6RPX, Senior Emergency Management Program Coordinator, OCSD Emergency Management Division, has invited OA partners to join the Orange County Operational Area in the WebEOC Great ShakeOut Drill on October 16th. This annual exercise is an opportunity for all jurisdictions, agencies, and users to:

- Sharpen perishable skills in WebEOC
- Stress-test the platform in a no-fault environment
- Identify and resolve potential issues before live incidents

Participation also helps strengthen collaboration across the OA, ensuring better preparation for real-world emergencies. Gabe will continue the tradition of awarding prizes for the best entries. Participation makes these exercises meaningful.

San Bernardino Microwave Society (SBMS)

The next meeting of the San Bernardino Microwave Society will be on Thursday, October 2, 2025, at 7:00 p.m. PDT, at the American Legion Hall, 1024 S. Main Street, in Corona. To watch the SBMS meeting live, go to the American Television Network Live on YouTube and click on the "Live Now" window. To participate in meetings via Zoom (when available), use this ID and Passcode: 886 9217 9521; 10368310.

SHARES/RACES Interoperability Net

Jim Bassett, W1RO, ARRL-Nevada Section Traffic Manager, is the Southwest Region Net Operations Manager for NNZ9KQ-SHARES in Pahrump, Nevada. He has checked into the OCRACES 60-meter ACS net on 5371.5 kHz (channel 4), which is held Saturday mornings at 10:00 a.m. Jim also runs a SHARES/amateur radio interoperability net on channel 3 on 60 meters (5371.0 kHz USB voice and 5358.5 kHz digital). He moved that net from 10:00 a.m. to 8:00 a.m. so that stations participating in the OCRACES net could get exposure to SHARES.

The interoperability net uses USB voice and MT63-1KL digital. One of the purposes of that net is training, so when SHARES and RACES have an actual emergency net, they can understand each other. Each net starts with a plain text MT63-1KL message containing a training task. Answers to the task question can normally be found in the U.S. Coast Guard *Radiotelephone Handbook*, which is the guide SHARES currently uses. It is a free download. The task can be completed after the net and the answer sent to the Winlink address in the message.

October 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 San Bernardino Microwave Society Mtg.	3	4 Weekly 60 m ACS Net
5	6 Weekly 2 m ACS Net & OCRACES Meeting	7	8	9	10	11 Weekly 60 m ACS Net
12	13 Weekly 2 m ACS Net	14	15	16 ShakeOut 2025	17 Orange County Amateur Radio Club Meeting	18 Weekly 60 m ACS Net & Countywide Drill
19	20 Weekly 2 m ACS Net	21	22	23	24	25 Weekly 60 m ACS Net
26	27 Weekly w m ACS Net	28	29	30	31	

Upcoming Events:

- **October 2, 1900 hours:** San Bernardino Microwave Society Meeting, American Legion Post #216, 1024 S. Main Street, Suite B, in Corona
- **October 6, 1930-2130 hours:** OCRACES Meeting on Zoom (members only)
- **October 16, 1016 hours:** International ShakeOut Day and "Drop, Cover, and Hold On" drill
- **October 17, 1900 hours:** Orange County Amateur Radio Club meeting, American Red Cross (George M. Chitty Building), 600 Parkcenter Drive, Santa Ana; annual Radio/Electronics Auction
- **October 18, 0900-1200 hours:** Countywide Emergency Communications (EmComm) Drill

Mission Statement

■ **To provide emergency communication services for the County of Orange under the guidance of the Orange County Emergency Manager and Emergency Management Division Personnel**

■ **These services include, but are not limited to:**

- **Support to the County of Orange Emergency Management Division with auxiliary communications capabilities from County Emergency Operations Center radio room and field locations to and from:**
  - **The general population,**
  - **Orange County city RACES, EmComm, and Public Service organizations,**
  - **Adjacent counties, and**
  - **State and Federal Government organizations**
- **Provide voice and digital communication services in the event of the loss of existing communications infrastructure including public service radio services, cellphone service, internet service, conventional power, and any combination of these 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
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) (down)
*Primary Net—Mondays, 1900 hours

OCSD RACES Coordinator
Lee Kaser, KK6VIV, (714) 628-7081

Chief Radio Officer
Scott MacGillivray, KM6RTE, (714) 392-9095

Assistant Chief Radio Officer
Joe Selikov, KB6EID

Radio Officer
Scott Byington, KC6MMF

Assistant Radio Officer
Randy Benicky, N6PRL

Chief Radio Officer Emeritus
Ken Bourne, W6HK

County of Orange RACES

Orange County Sheriff's Department, Emergency Management Division
2644 Santiago Canyon Road, Silverado, CA 92676-9791
Telephone: (714) 628-7081 • Fax: (714) 628-7154
Email: LKaser@OCSheriff.gov

County of Orange RACES

OCSD Emergency Management Division
2644 Santiago Canyon Road
Silverado, CA 92676

Telephone: (714) 628-7081
Fax: (714) 628-7154
E-mail: LKaser@OCSheriff.gov

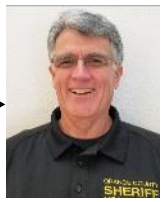
Visit Our Web Site
https://ocraces.org
It's Where It's @!

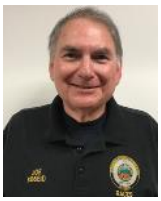
Questions or Comments?
Contact *NetControl* Editor Ken Bourne, W6HK
kbourne.ocsd@earthlink.net

"W6ACS ... Serving Orange County"

Meet Your County of Orange RACES Members!

Officers →


Scott MacGillivray
KM6RTE


Joe Selikov
KB6EID

Scott Byington
KC6MMF

Randy Benicky
N6PRL

OCSD RACES Coordinator →

Lee Kaser
KK6VIV

Heide Aguire
K3TOG

Joel Bishop
AJ6ZP

Ken Bourne
W6HK

Eric Bowen
W6RTR

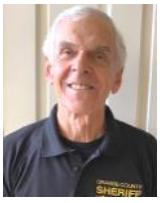
Bill Ehart
KM6ZHO

Bill Griffin
KO6JHY

David Janisch
KN6HEE

Ted Lavino
KG6LZP

Steve Livingston
NJ6R


Ron Mosher
K0PGE

Fran Needham
KJ6UJS

Chi Nguyen
KE6MVS

Dick Palm
KN6RVU

Lance Rzepiejewski
KO6CXL

Robert Stoffel
KD6DAQ

Chuck Streitz
KK6HFS

Luis Torres
KC6THP

Ken Tucker
WF6F