

February 2016



Newsletter of the County of Orange Radio Amateur Civil Emergency Service

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Captain's Corner

by RACES Captain Ken Bourne, W6HK, Chief Radio Officer

Family Plan and First-Aid Kit

In this column in the January 2016 issue of *NetControl*, I listed items that could be included in a Basic Disaster Supplies Kit, as posted by the U.S. Department of Homeland Security on its official Web site at <http://www.ready.gov/kit>. *Ready* asks individuals to do three key things: get an emergency supply kit, make a family emergency plan, and be informed about the different types of emergencies that could occur and their appropriate responses.

The DHS Web site says, "All Americans should have some basic supplies on hand in order to survive for at least three days if an emergency occurs." The listing in the last issue included some basic items that every emergency supply kit should include. "However, it is important that individuals review this list and consider where they live and the unique needs of their family in order to create an emergency supply kit that will meet these needs. Individuals should also consider having at least two emergency supply kits, one full kit at home and smaller portable kits in their workplace, vehicle, or other places they spend time."

DHS advises that you try to assemble your kit well in advance of an emergency. "You may need to evacuate at a moment's notice and take essentials with you. You will probably not have time to search for the supplies you need or shop for them.

"You may need to survive on your own after an emergency. This means having your own food, water, and other supplies in sufficient quantity to last for at least 72 hours. Local officials and relief workers will be on the scene after a disaster but they cannot reach everyone immediately. You

could get help in hours or it might take days."

DHS also advises that basic services such as electricity, gas, water, sewage treatment, and telephones may be cut off for days or even a week or longer. "Your supplies kit should contain items to help you manage during these outages."

DHS also lists a basic first-aid kit:

- Two pairs of Latex or other sterile gloves if you are allergic to Latex
- Sterile dressings to stop bleeding
- Cleansing agent/soap and antibiotic towelettes
- Antibiotic ointment
- Burn ointment
- Adhesive bandages (different sizes)
- Eye wash solution to flush the eyes or as a general decontaminant
- Thermometer
- Prescription medications you take every day such as insulin, heart medicine, and asthma inhalers. Periodically rotate to account for expiration dates
- Prescribed medical supplies such as glucose and blood-pressure monitoring equipment and supplies
- Non-prescription drugs such as aspirin or non-aspirin pain reliever, anti-diarrhea medication, antacid, and laxative
- Scissors, tweezers, and tube of petroleum jelly or other lubricant

The Next
OCRACES
Meeting Is

February 1, 2016
1930 Hours

840 N. Eckhoff Street,
Suite 104, Orange

Lithium Iron Phosphate
Batteries



Orange County Sheriff's Department
Communications & Technology Division

OCRACES Activates for Winter Storm

The Orange County Operational Area Emergency Operations Center activated to a Level Two at 0800 hours on Tuesday, January 5, 2016, in response to a forecasted, major, El Niño Storm Event. The hotline was activated to take calls from the public. The National Weather Service had predicted significant rainfall between Tuesday and Thursday to fall throughout Orange County. This was the first El Niño Event of 2016 and had the potential to cause widespread flooding throughout Southern California. The OCSO Emergency Management Division requested that the EOC RACES Room be staffed around the clock by at least one OCRACES member. OCSO Emergency Communications Manager Lee Kaser, KK6VIV, notified Chief Radio Officer Ken Bourne, W6HK, the previous evening of the pending activation, and Ken reported to the EOC at 0800 Tuesday to set up RACES shifts. Members were to transmit status bulletins on the OA1, OA2, WEROC, and County Access frequencies, as well as on the OCRACES 2-meter repeater.

At about noon on Tuesday, Randy Benicky, N6PRL, arrived for the next shift. A bulletin was issued about a flash flood warning for northeastern Orange County until 1600 hours. Doppler radar indicated heavy rain approaching the Silverado Canyon area. Flash flooding was likely plus debris flows within and downstream of the 2014 Silverado fire burn scar. A dangerous situation was declared for Silverado Canyon residents, and immediate measures were advised to protect life and property. Anaheim RACES Member Ducky Breton, KW6ACK, reported (via 2 meters) a flood on northbound I-5 at 1st and 4th Streets in Santa Ana, which Capt. Bourne relayed to CHP. By 1730 hours, Fran Needham, KJ6UJS, was at the EOC RACES Room, and worked until the EOC activation was reduced to a level one at 1900 hours. The hotline was deactivated. Fran notified Jim Dorris, KC6RFC, that he did not need to report to his scheduled 0200-0800 shift. He also notified Roger Berchtold, WB6HMY, that the 0200-0800 shift had been canceled.

The EOC was reactivated to a level two at 0800 hours on Wednesday and was staffed with County Agency representatives. Voluntary evacuation was scheduled for 1000 hours. American Red Cross established a Care and Reception Center at the Silverado Community Center for evacuated residents



Some of the OCRACES members serving in the EOC RACES Room on Wednesday, January 6th, included (left to right) Fran Needham, KJ6UJS, RACES Lt. Harvey Packard, KM6BV, Ken Tucker, WF6F, and Joe Selikov, KB6EID.



Randy Benicky, N6PRL (left), and RACES Capt. Ken Bourne, W6HK, at the EOC RACES Room on Tuesday, January 5th.



OCSD Emergency Communications Manager Lee Kaser, KK6VIV, takes a quick snack break in the EOC RACES Room on January 5th, while checking on RACES operations.

at 1000 hours. Only residents were allowed to enter the area. Capt. Bourne had already scheduled Ken Tucker, WF6F, to report to the RACES Room for a 0730 to 1200 shift. Bourne arrived before 1000 hours to check shift schedules and to communicate with Cal OES on the 40-meter California Emergency Services Net. Lt. Harvey Packard, KM6BV, and Joe Selikov, KB6EID, worked the 1130-1500 shift. Also at the RACES Room during the morning shifts was Fran, KJ6UJS. Tom Riley, K6TPR, worked the 1430 to 1830 shift, and was relieved by Lt. Scott Byington, KC6MMF, at 1800. At 2000, the EOC activation went to a level one, and expected to stay that way through Thursday. Therefore, all remaining OCRACES shifts were canceled, including a scheduled 0000-0800 shift by Roger, WB6HMY, a 0730-1130 shift by Ken, WF6F, an 1100-1500 shift by Ken, W6HK, a 1430-1830 shift by Tom, K6TPR, and an 1800-2230 shift by Kenan Reilly, KR6J. We had an excellent response for filling shifts during this activation, and the dedication of OCRACES members is appreciated.

Next OCRACES Meeting: February 1st

The next County of Orange RACES meeting will be on Monday, February 1, 2016, at OCSD Communications & Technology Division, 840 N. Eckhoff Street, Suite 104, in Orange. Our guest speaker will be Kevin Zanjani, KI6DHQ, from Bioenno Power in Santa Ana. He will give a presentation on their lithium iron phosphate (LiFePO4) batteries. These compact batteries offer more than 2000 charge cycles, far superior to lead acid batteries, which only last a few hundred charge cycles. They have high energy capacity and are light weight compared to SLA batteries.

City/County RACES & MOU Meeting: Feb. 8th

The next City/County RACES & MOU meeting, which was originally scheduled for Monday, January 18, 2015, has been moved to Monday, February 8, 2016, at 7:15 PM, at 840 N. Eckhoff Street, Suite 104, in Orange. We plan to distribute the 2016 *Official RACES Guidebook* ("Yellow Book") at the February 8th meeting. Instead of holding these three-times-a-year meetings in January, May, and September, we will return to a previous schedule of every February, June, and October. The June meeting will be on June 13, 2016, and the October meeting will be on October 17, 2016. This means that the February and June meetings will be on the second Monday and the October meeting will be on the third Monday. (The second Monday in October is a County holiday.)

Easy to File Interference Complaints with FCC

The FCC has made it easier for hams to file their own RF interference and other complaints, thanks to a new feature of the FCC's recently redesigned Web site. The addition was made at the ARRL's request. Hams have always been able to file such complaints, but when a new system geared largely to consumers came online a year ago, they lost the ability to do so via e-mail to a dedicated address. The change made it less clear how amateurs should file such complaints and what, if anything, would result.

Once on the FCC site, click "File a Consumer Complaint" on the right side of the screen. The next page lists several categories. Under "Radio," click on "File Complaint." This will take you to a Web form that you can fill out. The form includes a dropdown menu for the "Radio Issues" field. Pick one, such as "Interference." This will bring down another menu. The "Your Radio Method" field includes another dropdown menu. Select "Amateur Radio." Complete the rest of the form. It is possible to add attachments. Click on "Submit" to file your complaint. As they say in those late-night TV ads, "It's that easy!"

The FCC e-mail addresses for submitting complaints have been discontinued; they had been rendered ineffective by spam.

Each complaint is assigned a ticket number, and complainants receive an e-mail acknowledgment and, if appropriate, a follow-up report on what was done to address the complaint. Many complaints are simply acknowledged, however, and the complainant is told that it will be used for statistical analysis. A complainant can update a complaint with additional information.



Delia Kraft Becomes TASMA Vice-Chairman

Congratulations to OCSD Communications & Technology Division Program Support Manager Delia Kraft, KR6AFT, who has been selected to serve as Vice-Chairman for TASMA, the Two Meter Area Spectrum Management Association.

In her new role, Delia will assist the Chairman in the discharge of his duties, produce the association newsletter, assume the duties of the Chairman in his absence, and serve as the liaison between TASMA and other frequency coordinating bodies.

She will also be working with the Technical Committee, not as a member of the group, but as an observer to provide a better insight to the function and process of the committee.



Delia Kraft, KR6AFT.

KK6VIV Hides in Mission Viejo

OCSD Emergency Communications Manager Lee Kaser, KK6VIV, was the fox on Monday, January 18, 2016, on the monthly cooperative T-hunt. He turned on the fox box immediately following the 2-meter OCRACES ACS net in a parking lot near the intersection of Alicia Parkway and Via Linda, across from William S. Craycraft Park in Mission Viejo.

Richard Saunders, K6RBS, from Mission Viejo, was the first to find the fox. He lives nearby and didn't have far to travel. Next was Ron Allerdice, WA6CYY, from Costa Mesa, who started at the Laguna Hills Mall. While Ron was circling in the parking lot, OCRACES Chief Radio Officer Ken Bourne, W6HK, and his son Don, KB6TVK, spotted the fox from across the street, and quickly drove in. Ken and Don started from Lake Forest Sports Park across from the OCSD Saddleback substation. Fourth was OCRACES Assistant Radio Officer Bob McFadden, KK6CUS, who started from Foothill Ranch after running the OCRACES ACS net. Fifth was OCRACES Applicant Tony Scalpi, N2VAJ, who started at El Toro Road and Trabuco Road. After the hunt, most hunters gathered at High Park Tap House for a delicious meal and good conversation.

The next cooperative T-hunt will be held on February 15th (the third Monday in February), immediately following the OCRACES 2-meter net (approximately 7:20 PM). The fox will transmit on the input (146.295 MHz) of the 146.895 MHz repeater. Hunters will compare bearings via the 449.100 MHz repeater, and are encouraged to beacon their positions via APRS throughout the hunt. The fox will be hiding in a sector of Orange County (to be announced a few days prior to the hunt) on paved, publicly accessible property. No fees will be required to drive directly to the fox.

To resolve scheduling conflicts with RACES meetings, events, and County holidays in 2016, we have moved all cooperative T-hunts to the third Monday, except for the second Monday in October.



The Global TSCM Group Model DF-2020T/GPS Doppler direction finder with GPS can connect to a laptop to position and draw plots on Google Earth with the "Navi 2020" plotting program.

three-element portable hand-held yagi. The Arrow OFHA 4-MHz offset attenuator, also available from HRO, can be useful when close to the fox, to prevent receiver overload. An all-mode transceiver is quite useful, allowing hunters to switch to the SSB or CW mode for detecting extremely weak signals, or to switch in a built-in attenuator, reduce RF gain, or tune slightly off frequency when dealing with extremely strong signals. Some hunters use the DF2020T radio direction finder kit, which is a Doppler system available from Global TSCM Group, Inc. (<http://www.kn2c.us>). A very similar system is the new MFJ-5005 Doppler direction finder. Other useful tools are the Foxhunt app for iPhones and the Triangulate app for Android phones. For some excellent information on T-hunting, see <http://www.homingin.com>.



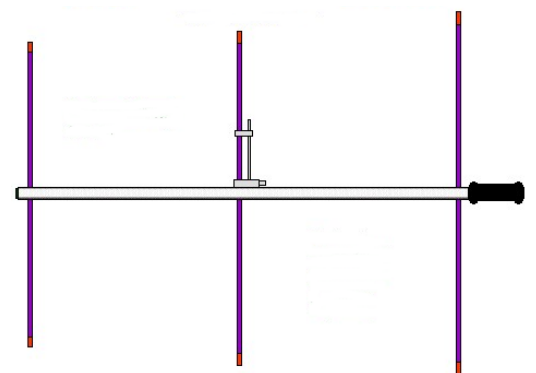
Lee Kaser, KK6VIV, enjoyed being the fox on the January 18th cooperative T-Hunt.



Arrow Antenna Model FHL-VHF compact fox-hunt loop covers 1 MHz to 600 MHz. The BNC connector mounts on an Arrow 4-MHz offset attenuator.

The cooperative T-hunts provide excellent practice in working together to find sources of interference. The hunts are not official RACES events, so DSW (Disaster Service Worker) coverage does not apply. Please drive carefully!

Fox-hunt loops and beams are available from Arrow Antenna and HRO, including the Arrow Model FHL-VHF fox-hunt loop (covers 1 MHz to 600 MHz) and the Arrow Model 146-3



Arrow Antenna Arrow II Model 146-3 hand-held portable antenna for 2 meters. A gamma match is attached to half of the driven element, and comes pre-tuned. The connector is a BNC. The elements are attached to the square boom by screwing together through a hole in the boom. Arrow hand-held yagis are also available for 440-MHz T-hunts.

Palm Springs Hamfest: March 12th

The 2016 Palm Springs Hamfest will be held at the Palm Springs Pavilion, 401 S. Pavilion Way, near the Palm Springs Stadium, on Saturday, March 12, 2016, from 9:30 AM to 4:30 PM. VE testing will be available this year from 9:30 AM to 1:00 PM. Admission is \$5.00. Dozens of vendors will be selling specially priced merchandise.

Riverside County Supervisor John Benoit, WA6IAD, will be the keynote speaker at 10:00 AM. At 10:30 AM, Apple Senior Software Engineer Kristen McIntyre, K6WX, will give a presentation on “The Mighty Transistor.” She will cover how transistors work, how to design with them, some of the fundamental circuit topologies, and the different kinds. She will explore semiconductor physics, bipolars, FETs, the three basic topologies of simple amplifiers, differential amplifiers, Darlington, cascodes, and much more. ARRL Southwestern Division Vice Director Marty Woll, N6VI, will give a presentation on “Troubleshooting for the Non-Techie Ham.” This talk will give non-engineers a practical, systematic approach to “making it work.” Palomar Engineers Chief Engineer Bob Brehm, AK6R, will give a presentation on “RFI Tips, Tricks, and Techniques to Work More DX and Keep Your Neighbors Happy.” Connect Systems President Jerry Wanger, KK6LFS, will talk about the “Connect Systems CS7000 Multi-Protocol HT.” This is a planned dual-band multiprotocol radio with the first two protocols being DMR and analog, followed by D-STAR, NXDN, dPRM, and P25 Phase 1 and Phase 2. Cypress RACES Chief Technology Officer Ed Kane, W6ONT, will give a presentation on “PAPA System & D-STAR.” (See page 6 of this issue for more information.) Kaiser Permanente Amateur Radio Network (KPARN) Coordinator Duane Mariotti, WB9RER, will present “POSTNOTE: Future of Amateur Radio Emergency Communications. The goal of this presentation will be for amateur radio emergency communicators to plan to not only meet but expand their role in emergency communications in the near and long-term future.

Farewell to Erik Schull, KE6BVI

OCSD Telecommunications Engineer III Erik Schull, KE6BVI, has accepted a position in San Francisco and will be missed by the employees of the Communications & Technology Division as well as by the members of County of Orange RACES. Erik joined the Division on September 9, 2002, as a Communications Technician II with the Radio Microwave Unit (RMU), and was promoted to Telecommunications Engineer III on September 2, 2005.

Erik has been a great friend to OCRACES. He provided his technical expertise in launching our Winlink system, overcoming challenges with interfacing computers, servers, terminal node controllers, and radio equipment. He continued to give expert advice in operating and improving the Winlink system. He was instrumental with upgrades to the OCRACES 2-meter simulcast project. He also rebuilt and repaired the OCRACES repeaters on 220 MHz, 6 meters, and 10 meters. Whenever an OCRACES member needed to discuss a technical issue, Erik was ready to help.

Erik's accomplishments with the Division have been impressive. He was involved in the maintenance, expansion, and upgrade of the OCSD microwave network. His outstanding engineering and technical talents were used on several digital microwave projects including specification review, factory acceptance, installation management, cutover coordination, and acceptance testing. Erik was instrumental with upgrades to the 900-MHz paging system, the Signal Peak microwave cutover to the new Harris microwave radio system, the Metro Net and Orange County Fire Authority MDC system merge, new IntelliRepeaters for Carbon Canyon and Crystal Cove, the new Dana Pont simulcast site, the adding of two additional RF channels to the Countywide Cell, the new Southwest Cell site at West Court, several VHF, UHF, and 800-MHz conventional radio system upgrades, as well as narrowbanding the VHF and UHF infrastructure. Erik tested commercial wireless installations for interference, deployed temporary repeaters to verify proposed system coverage, directly supported the COPS and UASI funded interoperability projects, and, most recently, was involved in a number of Countywide Coordinated Communications System (CCCS) next-generation projects. He served as the primary point of contact for OCSD's remote radio sites, working on site leases with Real Estate, and working closely with vendors and Facility Operations regarding maintenance, installations, and modifications to these facilities, insuring high standards were maintained.

Throughout his career with the OCSD Communications & Technology Division, Erik received a number of customer appreciation letters, and in 2011 received a Gold Star award from Sheriff Sandra Hutchens. We wish Erik the greatest of success in his new position in San Francisco, and a hearty thank you for all he has done for the Division and for OCRACES.



Erik Schull, KE6BVI.

RACES/MOU News from Around the Area

"RACES/MOU News" provides an opportunity to share information from all City & County RACES/ACS units and MOU organizations in Orange County.

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

w6hk@ocraces.org

Cypress RACES

Cypress RACES Chief Technology Officer Ed Kane, W6ONT, will give a presentation on "PAPA System & D-STAR" at the 2016 Palm Springs Hamfest at 2:30 PM on Saturday, March 12, 2016. This will be a "quick primer" presentation with a brief introduction to and description of the PAPA System along with a brief outline of the facilities available to its supporting members. The presentation will also discuss D-STAR technology, what it is, available capabilities, properties, and how a communication between points "A" and "B" might occur. Steps to take on purchasing a new D-STAR radio and how to program it will also be noted. Brief mention will also be made of how D-STAR has been utilized in emergency communications. Low-speed and high-speed data capability will be noted.

The Palm Springs Hamfest will be held at the Palm Springs Pavilion, 401 S. Pavilion Way, near the Palm Springs Baseball Stadium, on Saturday, March 12, 2016, from 9:30 AM to 4:30 PM.

Orange RACES (COAR)

COAR Member Ken Konechy, W6HHC, will give a presentation on digital amateur television at the next meeting of the Orange County Amateur Radio Club on Friday, February 19, 2016, at 7:00 PM, at the American Red Cross (George M. Chitty Building), 600 Parkcenter Drive, Santa Ana.

Seal Beach/Los Alamitos RACES

The next Seal Beach/Los Alamitos RACES event is the Race on the Base on Saturday, February 27, 2016, beginning at 6:00 AM and ending at 2:00 PM, at the Joint Forces Training Base in Los Alamitos.

Huntington Beach RACES

HBRACES will again be supporting Unified Command (multiagency law enforcement, fire, marine safety, and medical) for the 2016 SurfCity Marathon on Sunday, February 7, 2016, with amateur radio EmComm, Helicopter ATV, and APRS track-

ing. This is a monster event with 20,000 runners and over 2,000 support staff, not including all of the bystanders, friends, and families cheering on the runners. Downtown Huntington Beach will be closed as well as PCH north to Warner Avenue. Unfortunately, an event of this magnitude can draw attention from those with bad intentions, and there always are many medical emergencies, from simple exhaustion to cardiac arrest. HBRACES plays an integral part in providing intel along the course to the unified command, as well as coordinating fire/medical aid response. For more information about the event, visit the Web site here: <http://www.runsurfcity.com/marathon-2/>.

Tri-Cities RACES

Tri-Cities RACES will hold four beginner amateur radio operator classes on February 25, March 3, March 10, and March 17, 2016, from 7:00 PM to 9:00 PM, at the San Clemente Stake Center (Seminary Room), 310 Avenida Vista Montana in San Clemente. The FCC examination will be administered on March 21, 2016, at 6:00 PM at Norman P Murray Community Center, 24932 Veterans Way, in Mission Viejo. Instruction is free. The manual is \$25.00. The FCC examination is \$15.00 (FCC processing fee only). Registration is available at the first class or by pre-registering by contacting Dave White, N6NLD, at davew2k4@yahoo.com or 949-291-2887.

Yuma County, Arizona

The Yuma Hamfest & 2016 ARRL Southwestern Division Convention will be held on February 19 and 20, 2016, at the Yuma County Fairgrounds, 2520 East 32nd Street, in Yuma, Arizona. The event includes vendors and exhibitors, consignment sales, hourly door prizes, Famous Buzzard BBQ, Tailgating (swap meet), license testing, on-site RV camping, emergency preparedness, full seminar schedule, DXCC card checking, \$18,000 of grand prizes, near-space balloon launch, antenna clinic, and transmitter hunt. Admission is \$5.00, with free parking. For more information, go to <http://www.yumahamfest.org>.

February 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 <i>OCRACES Meeting & Weekly 2 m ACS Net</i>	2	3	4	5	6 <i>Weekly 40 m ACS Net</i>
7	8 <i>City/County Meeting & Weekly 2 m ACS Net</i>	9	10	11	12	13 <i>Weekly 40 m ACS Net</i>
14	15 <i>Weekly 2 m ACS Net & Cooperative T-Hunt</i>	16	17	18	19	20 <i>Weekly 40 m ACS Net</i>
21	22 <i>Five-Band ACS Nets & SWACS Radio Test</i>	23	24	25	26	27 <i>Weekly 40 m ACS Net</i>
28	29 <i>Weekly 2 m ACS Net</i>					

Upcoming Events:

- **February 1:** OCRACES Meeting, 840 N. Eckhoff Street, Suite 104, Orange, 1930-2130
- **February 8:** City/County RACES & MOU Meeting, 840 N. Eckhoff Street, Suite 104, Orange, 1915-2130
- **February 15:** Cooperative T-Hunt on input of 2-meter repeater, 1920
- **February 22:** Five-band ACS nets and Southwest ACS Frequency/Radio Test
- **March 7:** OCRACES Meeting, 840 N. Eckhoff Street, Suite 104, Orange 1930-2130
- **March 21:** Cooperative T-Hunt on input of 2-meter repeater, 1920



www.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

40 m: 7250 kHz SSB (City/County/MOU Net—Saturdays, 1000 hours)
 10 m: 29.640 MHz output, 29.540 MHz input, 107.2 Hz PL
 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: 147.480 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: 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)
 23 cm: 1287.650 MHz, 1287.675 MHz, 1287.700 MHz, 1287.725 MHz, 1287.750 MHz, and 1287.775 MHz outputs, -12 MHz inputs, 88.5 Hz PL
 *Primary Net—Mondays, 1900 hours

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 Lee Kaser, KK6VIV
 714-704-8080

[Chief Radio Officer \(Captain\)](#)
 Ken Bourne, W6HK
 714-997-0073

[Radio Officers \(Lieutenants\)](#)
 Scott Byington, KC6MMF
 Harvey Packard, KM6BV

[Assistant Radio Officers \(Sergeants\)](#)
 Jack Barth, AB6VC
 Ernest Fierheller, KG6LXT
 Bob McFadden, KK6CUS
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County of Orange RACES

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It's Where It's @!

Questions or Comments?
Contact *NetControl* Editor Ken Bourne, W6HK
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**“W6ACS ...
Serving
Orange County”**

Meet Your County of Orange RACES Members!



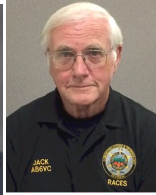
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Tom Tracey
KC6FIC



Randy Benicky
N6PRL



Roger Berchtold
WB6HMW



David Corsiglia
WA6TWF



Jim Dorris
KC6RFC



Nancee Graff
N6ZRB



Ray Grimes
N8RG



Walter Kroy
KC6HAM



Martin La Rocque
N6NTH



Fran Needham
KJ6UJS



Kenan Reilly
KR6J



Tom Riley
K6TPR



Brad Russo
KB6GPM



Joe Selikov
KB6EID



Ken Tucker
WF6F



Tom Wright
KJ6SPE



Jeff Yost
KE7EWG



Robert Stoffel
KD6DAQ



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