

October 2013



Newsletter of the County of Orange Radio Amateur Civil Emergency Service

Inside this issue:

Captain's Corner	1
City/County Drill	2
Welcome KK6CUS	2
OCRACES Meeting	3
Radio Rodeo	3
Amateur Romance	4
Readiness Drill	4
OCFA Open House	5
KC6FIC at AASHTO	5
RACES/MOU News	6

Captain's Corner

by RACES Captain Ken Bourne, W6HK, Chief Radio Officer

Cooperative T-Hunts

Occasionally OCRACES is asked if we have the resources to find the source of interference on Part 90 VHF and UHF frequencies. We also need to be ready to find the cause of interference to our own RACES repeaters and simplex frequencies. OCSD Communications & Technology Division is well prepared to locate interference to their public-safety systems, but OCRACES members also need this capability to keep our frequencies clear. Besides, radio direction-finding (DFing) is fun!

Several years ago, OCRACES conducted competitive T-hunt on the input of our 2-meter repeater. Hunters could start from any location, and the first one to find the fox was the winner—and became the fox for the following month's T-hunt. Beginning on October 14th, we will reestablish our T-hunts, to be held every second Monday (except September) on 146.295 MHz, the input of our 2-meter repeater right after the 2-meter net. Instead of being competitive, however, these hunts will be cooperative, with all hunters helping each other via the 449.100 MHz repeater to find the fox quickly. The objective of these T-hunts is to give us valuable practice in locating the source of interference quickly, by comparing bearings. We encourage all hunters to beacon their locations via APRS.

The fox will hide somewhere in Orange County. Eventually, cities will be invited to offer themselves as "hosts" for the hunt, and the boundary will then be announced as confined to the host's city limits.

If there is no host (as is the case on the October 14th hunt), the boundary is the entire county.

The 449.100 MHz repeater is a private repeater, and normally only OCRACES members and radio amateurs within OCSD's Communications & Technology Division may use it. However, city RACES and MOU members also use it during OCRACES-conducted drills, nets, and activations. All hunters participating in the OCRACES cooperative T-hunts may also use this repeater for comparing bearings. Any radio amateur may participate.

Compared to the competitive Saturday-night T-hunts held on 146.565 MHz, the OCRACES cooperative T-hunts will be easy—no off-road hiding spots. Our foxes will be encouraged to hide on public hard pavement, such as in a restaurant's parking lot where we can all meet and have dessert after the hunt. Portable direction-finding sniffers will not be required, at least on the initial hunts. Hunters are encouraged to help each other enhance the technology used in quickly locating the fox, such as Doppler DF equipment, GPS, APRS, iPhone "Foxhunt" app, etc. Although the fox will be transmitting an FM signal (with a 136.5 Hz subtone) on the repeater input, locating the fox can sometimes be easier with an AM receiver (to prevent saturation), sometimes tuned slightly off frequency when close to the fox, or by using a decade attenuator or an offset attenuator such as the Arrow Antenna OFHA. The Arrow FHL-VHF loop and 146-3 portable three-element beam can be handy also!

The Next
OCRACES
Meeting Is

October 7, 2013
1930 Hours

840 N. Eckhoff Street,
Suite 104, Orange

How Control One Handles
9-1-1 Calls
and Pursuits



Lights Out!

by OCSD Emergency Communications Manager Delia Kraft, KF6UYW

The City/County RACES & MOU ACS exercise is scheduled for Saturday, October 5, 2013, from 9:00 AM until 11:00 AM. Consider using this exercise date as a target date to get your Winlink system up and running. For this drill, there are three different modes of participation including simplex, voice, and Winlink. Use one or all, it's up to you.

The scenario of a cyber-attack with a major power outage allows for as much chaos as you would like to imagine. As in any disaster, one incident leads to another. Keep in mind, the goal is successful and accurate message delivering and receiving. Your other drill objectives should include personnel training, equipment testing, and evaluating protocol efficiency. In other words, evaluate what you have in place for operations, logistics, and planning. This should sound familiar to most of you, since the terms are taken from ICS.

During the week after the drill, I will be asking the participating organizations to give input on the results of each component of the drill. As a group, we can evaluate our efficiency and determine the areas that need improvement.

Welcome to Bob McFadden, KK6CUS

OCRACES welcomes Bob McFadden, KK6CUS, as its newest member. Born in Atlantic City, New Jersey, he got started with computers and electronics at a young age with the help of his father Robert, AC2KU. Bob started programming in BASIC on a TI-99/44A computer in the early 1980s. He achieved an Associate in Applied Science degree in electronics in 1998 from Atlantic Community College, Mays Landing, New Jersey.

Bob moved to California in 1995 and began working for Viking Technology in Foothill Ranch, a memory module technology company, as a senior UNIX administrator in January 1996, where he still works today. His duties involve UNIX systems and database administration, virtualization, and networking.

On February 25, 2013, Bob took and passed the Technician and General Class exams on the first try, and received his General Class license on March 6th. He plans to take the Extra Class exam by the end of 2013.

Bob enjoys all areas of amateur radio. He chases DX on 20 meters while portable. He tries to use all bands and modes, including SSB/FM phone, PSK31, RTTY, SSTV, AX-25 packet, APRS, and D-STAR digital voice and data. He is net control for a local 6-meter SSB net on Thursday nights at 8:00 PM on 50.2 MHz. He loves to experiment with various technologies and build electronic projects.

He has an EchoLink sysop node running on the OCRACES 2-meter repeater, KK6CUS-R, and a link node, KK6CUS-L. He also has a Winlink sysop packet node running RMS Packet, KK6CUS-10.

Bob is currently working on projects that include the Raspberry Pi microcomputer and Xastir for APRS and SvxLink for EchoLink. He is developing his own applications for an automated fox for T-hunting, which will be used on the October 14th OCRACES cooperative T-hunt. He will be testing a D-STAR DVAP node very soon on multiple operating systems. He has also begun experimenting with radio direction finding on 2 meters with a portable yagi antenna. In his spare time he is working toward improving his Morse code skills.

Bob is a member of ARRL, SOARA, and now OCRACES.

Some of his other hobbies are music, photography, cycling, and motorcycles (street and dirt). Bob has been playing guitar since 1976 and works on his own tube amplifiers.

Bob hopes to meet new people and make new friends while serving the community as part of OCRACES.



Bob McFadden, KK6CUS (left) is welcomed to OCRACES by Chief Radio Officer Ken Bourne, W6HK.

Next OCRACES Meeting: October 7th

The next County of Orange RACES meeting is on Monday, October 7, 2013, at 7:30 PM, at OCSD Communications & Technology Division, 840 N. Eckhoff Street, Suite 104, in Orange. OCSD Emergency Communications Manager Delia Kraft, KF6UYW, will make a presentation on how Control One handles 9-1-1 calls and pursuits. We will also discuss what members would like to have at future meetings and activities. We will also review the October 5th City/County RACES & MOU drill and discuss what changes are needed in the next drill.

OCRACES Van to Participate at Radio Rodeo

As mentioned in the September 2013 issue of *NetControl*, the California Statewide Interoperability Executive Committee (CalSIEC) Southern Planning Area (SPA) will host the second annual Radio Rodeo on Tuesday, October 8, 2013. County of Orange RACES will exhibit its emergency communications response vehicle at this event and participate in radio tests. The primary purpose of the Radio Rodeo is to conduct radio tests from communications command post vehicles within an Operational Area, and with adjoining participating Operational Areas. Radio testing will be conducted between 0900 and 1100. All vehicles will be available for viewing between 1100 and 1200. Orange, Riverside, San Diego, and Ventura Counties will participate, each from a site inside their county. This year the Orange County Radio Rodeo site is Angel Stadium of Anaheim, 2000 E. Gene Autry Way, in Anaheim. All participants and attendees shall enter from Orangewood Avenue and will be directed to the Radio Rodeo location in the parking-lot area.

The following agencies will be participating from the Orange County site: Anaheim Police Department; Caltrans; Garden Grove Police Department; Orange County Animal Care; Orange County Emergency Medical Services; Orange County Fire Authority; Orange County Sheriff's Department (Samantha II, RACES, Incident Support Trailer; OASIS); Santa Ana Police Department; and West-Comm. All City and County RACES unit vehicles are invited to participate.

This is a good time for any Orange County first responder or administrator to see these assets in one place for easy viewing. Those interested in seeing these valuable resources are encouraged to stop by between 1100 and 1200 for tours of the on-site vehicles. Please contact OCSD Communications & Technology Division Director Robert Stoffel, KD6DAQ, at Robert.Stoffel@comm.ocgov.com or 714-704-7919 if you have questions about the Radio Rodeo or would like to participate.

Radio Rodeo objectives include:

- ◆ Check for proper renaming/labeling of interoperability and mutual-aid channels
- ◆ Check for narrow-band compliance on VHF and UHF channels
- ◆ Test communications with all participating vehicles of the OA on each band: VHF low, VHF high, UHF, 700 MHz, 800 MHz
- ◆ Test communications on pre-identified interoperability channels with other Operational Areas
- ◆ Establish communications path(s) with the State's EOC and Southern Region EOC
- ◆ Incorporate RACES units testing amateur radio frequencies; for on-site testing, using the OCRACES 2-meter repeater, three 440-MHz repeaters, and two 2-meter and one 440-MHz simplex frequencies; for testing with other counties, using the OCRACES 2-meter and 440-MHz repeaters, Riverside County 2-meter repeater, San Diego County 2-meter and 440-MHz repeaters, and the Cactus System with Orange, Riverside, San Diego, Santa Barbara, and Ventura Counties participating
- ◆ Demonstrate proper NIM/SEMS protocols, including using "Plain English"

Radio Rodeo timeline:

- ◆ 0600-0730: IC setup; parking-lot setup; command-staff briefing
- ◆ 0730-0830: Participant check-in and setup
- ◆ 0845: Mandatory participant briefing
- ◆ 0900-1030: Roll call and testing of all on-site assets
- ◆ 1030-1100: Roll call and testing between off-site assets
- ◆ 1100-1200: Vehicle and equipment exhibition
- ◆ 1200: Mandatory participant briefing
- ◆ 1200-1300: Demobilization

An Amateur Romance

by OCSD Emergency Communications Manager Delia Kraft, KF6UYW

On August 31, 1963, Ken and Carol Bourne exchanged vows. This year they celebrate 50 years of marriage. But where did this relationship begin? Ken and Carol met over the air on an amateur radio frequency. Their first date in 1961 was to the DuPage County (Illinois) EOC. Carol enjoyed watching him operate on 10 meters with some of the EOC's RACES equipment, as they shared a shrimp pizza. Ken explained to Carol that he had had his amateur license since 1956. The date must have been magical, because they were engaged three weeks later.

For the last 30 years, Ken has been involved with OCRACES, and Carol supports his involvement by attending each meeting and bringing cookies for the members.

Fast forward to this year. On August 23, 2013, tribute was paid to Ken and Carol's first date. A chauffeured 1956 Bentley was sent to pick up the happy couple. The date destination was none other than the County of Orange EOC. They were greeted by OCSD Lieutenant Gil and then escorted to the RACES room. It was decorated with flowers and confetti. Shrimp pizza was on hand while music from 1963 was playing. When Ken and Carol arrived, Ken once again demonstrated his ability to work the radios. With a little coaxing, he set one radio to 146.895 MHz. Much to his surprise, Robert Stoffel, OCRACES members, City RACES members, and Hospital Disaster Communications members were standing by on the frequency to wish them a Happy 50th Anniversary. Thirty minutes later, it was back to the Bentley. The next stop was dinner at the Orange Hill restaurant. The view was spectacular and the conversation was all about the events, music, and movies of 1963. Once again, it was a magical night!



Readiness Drill Conducted on September 28th

On Saturday, September 28th, OCRACES conducted a readiness drill with a net control check-in and availability call-down for a local wildfire and community evacuation scenario.

This was in conjunction with an Orange County Fire Authority Community Evacuation Drill held for the Lemon Heights area from 10:00 AM to 1:00 PM on the same day, although OCRACES was not actually a participant in that agency drill.

Tom Tracey, KC6FIC, was made aware of the OCFA exercise earlier in the week, and had suggested to Chief Radio Officer Ken Bourne, W6HK, and OCSD Emergency Communications Manager Delia Kraft, KF6UYW, that it would be a great opportunity for an impromptu call-down drill, which would be timely and related to an actual local scenario. Incidentally, on that day there was a National Weather Service Red Flag Warning in effect for local counties for breezy weather with low humidity.

The American Red Cross, which has an MOU with OCRACES, had set up a reception center for residents practicing a mock evacuation down at Tustin High School. There was a vendor display area with representatives from OCFA, State Farm Insurance, County of Orange, Animal Services, and other commercial vendors for fire-resistant building materials or landscaping solutions.

For the call-down, a notification page was sent out shortly after 10:00 AM and Tom operated as net control on the primary repeater, and recorded check-ins and availability reports from OCRACES members. There was a good response from members, enough to potentially staff the EOC radio room and a field command post if needed for a first shift, with a lower amount for a second shift. Some good lessons were learned from the radio drill and some opportunities for improvement were observed, all which will be shared at a future monthly meeting.

Tom encourages all RACES responders to keep in mind the following points for a smooth and efficient activation:

- ◆ Have your response gear pre-packed, refreshed, and easily available.
- ◆ Have current copies of any forms or documentation paperwork you will need.
- ◆ Communicate quickly and effectively with net control if asked for your availability.
- ◆ If you cannot immediately respond, advise when in the future you may be able to, since most large incidents will last multiple shifts/days and staffing may be needed into the future.
- ◆ Take care of your important family/personal needs first when considering responding. Some members had to decline activating due to important family needs, and this is okay.
- ◆ Have your map book handy to determine where to get to command posts and assigned areas.

If you had responded to the page with your availability, thanks for participating and practicing activation protocols.

The likelihood of having a wildfire within the county is still high as we are in the current fire season. Remember to keep your go-bags and response gear up-to-date and easy to get to, in case we are needed to assist with a county incident.

OCFA Open House: October 12th

OCRACES will exhibit its emergency communications response vehicle at the Orange County Fire Authority Open House, Regional Operations & Training, 1 Fire Authority Road (Jamboree and Tustin Ranch Road), in Irvine, on Saturday, October 12, 2013. The hours open to the public are 1000-1500. We will arrive at 0830 to begin our setup, which we need to complete by 0900. OCFA says that families and their friends will see live fire demonstrations, put out make-believe fires, try on firefighter turnouts, have free food, and discover life and fire safety information in a fun-filled environment. We get some of that free food too—and we get to introduce many youngsters to amateur radio, and explain to the public how RACES provides vital emergency communications during a disaster.

Tom Tracey, KC6FIC, Speaks at AASHTO

On August 21, 2013, Tom Tracey, KC6FIC, gave a presentation about OCRACES to a subcommittee of a national transportation group called the American Association of State Highway and Transportation Officials (AASHTO). Originally, OCSD Communications & Technology Division Director Robert Stoffel, KD6DAQ, was planning on speaking, but due to the County sponsoring the national APCO Conference in Anaheim the same week, RACES was contacted and Tom volunteered to speak.

AASHTO is an organization of state highway transportation departments from all 50 states in the country. The committee presented to was the Special Committee on Wireless Communication Technologies, which held this year's annual meeting down at UC Irvine's Beckman Center.

Most of the attendees of the meeting were managers of state Department of Transportation agencies overseeing two-way mobile radio systems and other wireless programs. Some state agencies also have microwave and fiber networks that connect roadside video cameras and programmable message boards.

Each state has unique radio systems; some utilize conventional FM, some are interconnected or "voted", some use Radio Over IP, while others use digital trunking systems. Most agencies support everything from rural highway maintenance yards to motorist assistance service in metropolitan areas. Dispatching can be as simple as by a timekeeper at a desk with a mobile radio and power supply in a rural two-room cinder-block building, or as sophisticated as by a multi-agency public-safety operations center with touch-screen equipment along a major beltway in Washington DC.

Tom made a simple PowerPoint presentation for OCRACES, providing an overview of the unit's membership, mission and role, activation procedures, equipment and resources used, and examples of events at which RACES assisted.

At the end, Tom encouraged cooperation between agencies and volunteer groups, and this was met with interesting discussion amongst the members. Many agencies already have partnerships with volunteer manpower.

In one state, volunteer communicators were graciously given the task of overseeing the readiness and deployment of the agency's mobile operations command post vehicles. This saves money and employee hours while giving volunteers opportunities and a vested interest in emergency communications; the feedback was that they did an excellent job deploying the assets quickly and efficiently when called upon. Also, in Florida, the agencies there already have strong partnerships with emergency communications volunteers due to their active weather seasons.

Overall, managers echoed the importance of having volunteers be registered as disaster service workers for insurance coverage of workers.

Many members of the AASHTO committee also were amateur radio operators, and appreciated learning more about OCRACES. Tom Tracey was given an appreciation plaque for coming to speak to the group.



Tom Tracey, KC6FIC (left), receives appreciation plaque from Bill Brown, WB8HYL, Radio Manager, Virginia Department of Transportation, after speaking to AASHTO about OCRACES.

RACES/MOU News from Around the County

"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

Fullerton RACES

It is with deep sadness that we forward this report from Fullerton RACES Radio Officer Gene Thorpe, KB6CMO, on the passing of Bill Kohlenberger, W6RJE, of Fullerton, on Tuesday, September 17, 2013. Bill was born in 1926 and received the call sign W6ZJE in 1947. He joined the Fullerton Radio Club in 1951 and spent 45 years in aerospace engineering.

Tri-Cities RACES

The City of San Juan Capistrano CERT program conducts an Annual Exercise that enables its members to practice disaster response skills through updated training exercises. The 2013 Annual Exercise encompassed practice drills at "Skill Stations" involving each major response area in which CERTs



Tri-Cities RACES Members Dwayne Anstead, KJ6FPV (left), and Gray Bickford, WA6BJY.

have been trained. This year Tri-Cities RACES, Dana Point CERT, and San Clemente CERT were invited to participate. Approximately 100 volunteers participated..

The scenario was a simulated magnitude 7.9 earthquake in the south end of Orange County. Skill Stations included fire suppression, medical skills, search and rescue, and communication skills.

The communications component focused on the use of FRS/GMRS and the use of RACES personnel, who were assigned to each Skill Station to coordinate communications throughout the day. Tri-Cities RACES Chief Radio Officer Joe Lopez, W6BGR, was the mastermind behind the communications plan, which included the ICS 205.

OCSD Emergency Communications Manager Delia Kraft, KF6UYW, who was at the event, reports that "the training was hands on

for all participants, and overall the event was very impressive."

Santa Ana RACES (SART)

OCSD Emergency Communications Manager Delia Kraft, KF6UYW, recently attended a SART fundraiser at Shakey's. While there she met James and Monica Pluma, KI6HCY and KI6MAP, parents of 12-year-old Victoria Pluma, KK6CVO. Victoria is too young to be a SART member, but she has operated Net Control at one of the city's events under supervision for about an hour or two. She received her Technician Class license when she was 11 years old.



Victoria loves to sing and is part of a well-known choir group called "KidSingers." They perform at places such as Angels Stadium once a year and sing the National Anthem, and the Nixon Library for a Christmas performance. She just got promoted to the Master Class, which is the highest level group within KidSingers. (More information about KidSingers may be found at <http://www.kidsingers.org> and <https://www.facebook.com/kidsingers>.)

Victoria's favorite school subject is Science. She would like to be a doctor. She is a member of the School Site Council and currently represents the 7th graders.

Orange County Sheriff's Department

We are very sad to report that OCSD PSR (and former Reserve Sergeant) Richard (Dick) Blosser, WA6RJE, lost his courageous battle with cancer on Wednesday, September 25, 2013, and passed away at his Fullerton home with his wife (Ruth) by his side. Dick voluntarily stepped down as a Reserve Sergeant for health reasons, after 21 years of service in the OCSD Aero Squadron Reserve Unit. Dick was also a member of the Hazardous Devices Team. Dick served as a Reserve Deputy for 21 years and the past two years as a PSR.

October 2013

Upcoming Events:

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 <i>City/County RACES & MOU Drill</i>
6	7 <i>OCRACES Meeting & Weekly ACS Net</i>	8 <i>Radio Rodeo</i>	9	10	11	12 <i>OCFA Open House</i>
13	14 <i>Weekly ACS Net</i>	15	16	17	18	19
20	21 <i>Weekly ACS Net</i>	22	23 <i>SONGS Evaluated Exercise</i>	24	25	26
27	28 <i>Weekly ACS Nets & SWACS Radio Test</i>	29	30	31		

- **Oct 5:** City/County RACES & MOU Drill, 0900-1100
- **Oct 7:** OCRACES Meeting, 1930, 840 N. Eckhoff Street, Suite 104, Orange; how Control One handles 9-1-1 calls and pursuits; plan future meetings and activities; review October 5th drill
- **Oct 8:** Radio Rodeo, Anaheim Stadium; 0730-0830 setup; 1200-1300 demobilization
- **Oct 12:** OCFA Open House, 1000-1500, 1 Fire Authority Road, Irvine (setup at 0830)
- **Oct 22:** OCRACES 2-m, 70-cm, 6-m nets, 1900, 1915, 1930; Cal OES 75-m net, 2000; SWACS Frequency/Radio Test, 2015
- **Oct 23:** SONGS Evaluated Exercise (primary players only)



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

- 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

RACES Program Manager

Delia Kraft, KF6UYW
714-704-7979

Chief Radio Officer (Captain)

Ken Bourne, W6HK
714-997-0073

Radio Officers (Lieutenants)

Scott Byington, KC6MMF
Harvey Packard, KM6BV
Ralph Sbragia, W6CSP

Assistant Radio Officers (Sergeants)

Jack Barth, AB6VC
Chuck Dolan, KG6UJC
Jim Dorris, KC6RFC
Ernest Fierheller, KG6LXT

County of Orange RACES

OCSD/Communications & Technology
840 N. Eckhoff St., Suite 104, Orange, CA 92868-1021
Telephone: 714-704-7979 • Fax: 714-704-7902
E-mail: ocraces@comm.ocgov.com

County of Orange RACES

OCSD/Communications & Technology
840 N. Eckhoff St., Suite 104,
Orange, CA 92868-1021

Telephone – 714-704-7979
Fax – 714-704-7902
E-mail – ocraces@comm.ocgov.com

Visit Our Web Site
<http://www.ocraces.org>
It's Where It's @!

Questions or Comments?
Contact *NetControl* Editor Ken Bourne, W6HK
w6hk@ocraces.org



**“W6ACS ...
Serving
Orange County”**

Meet your County of Orange RACES Members!



Ken Bourne
W6HK



Scott Byington
KC6MMF



Harvey Packard
KM6BV



Ralph Sbragia
W6CSP



Delia Kraft
KF6UYW



Marten Miller
KF6ZLQ



Robert Stoffel
KD6DAQ



Jack Barth
AB6VC



Chuck Dolan
KG6UJC



Jim Dorris
KC6RFC



Ernest Fierheller
KG6LXT



John Bedford
KF6PRN



Randy Benicky
N6PRL



Bill Borg
KG6PEX



Nancee Graff
N6ZRB



Ray Grimes
N8RG



Walter Kroy
KC6HAM



Martin La Rocque
N6NTH



Brian Lettieri
KI6VPF



Bob McFadden
KK6CUS



Sue Mickelson
KJ6LCJ



Fran Needham
KI6UJS



Marty Oh
KJ6RWE



Tom Riley
K6TPR



John Roberts
W6JOR



Joe Selikov
KB6EID



Tom Tracey
KC6FIC



Brian Turner
KI6WZS