



Tri-County Amateur Radio Association

COVERS: Los Angeles - Riverside - San Bernardino Counties



www.tcara.org

(Club programs will be announced if not listed below)

Program for February 10th:

HF is FUN! Presented by Bob Mueller, K6ASK

Bob was a Staff Engineer, Solar Simulators and Solar Cell Performance Analysis - Retired

Cal Bob has worked at the lab for 53 years. Over that period of time, he has tested many types of solar cells, designed solar arrays and has devised many solar simulator modifications for specialized testing. Bob has written and presented many technical papers pertaining to solar cells and solar simulators.

He has been presented several awards by NASA for his accomplishments in photovoltaics.

Bob is currently an Extra Class amateur radio operator and has held an amateur radio license for over 55 years. He very much enjoys talking about many aspects of ham radio and in particular, DXing on the HF (high frequency) amateur bands.

He has earned the coveted DXCC award (304 mixed) offered by the ARRL (American Radio Relay League and several other amateur radio operating awards.

He has also worked as an Adult Scout Leader and Trainer for many years with the Boy Scouts of America.

Bob has served as the Secretary of the Tri-County Amateur Radio Association and is presently holding the office of President of that organization.

Mr. Mueller holds an Associate of Science Degree in Electronics and is a past member of the ASTM (American Society for Testing and Materials.)

Frequency 1282.8250 has been added to Sunset Ridge Repeater system

If you have 1.2 capabilities, Burton Brink, N6USO is inviting TCARA members to use his new added frequency. His 1.2 repeater is now linked full time to his 2 meter box.

The frequency is 1282.8250- 88.5

73, Burton Brink-N6USO

www.n6uso.com / n6uso@n6uso.com

Directions to the Meeting

From the I-10 Freeway just East of the 57 FWY, take the Fairplex Drive off-ramp from either-direction and go North up the hill on Fairplex Drive. Continue going North over the hill until you come to McKinley Ave. with a street signal light. Now turn left on McKinley Ave., when you reach the next street signal light stay in your left or number one lane to

continue on McKinley Ave. When you reach a stop sign, continue straight across to continue on McKinley Ave. Continue on McKinley Ave. going west until you reach the end of the road then turn right going towards the Administration Building. When you *enter* the building through the front door, go past the gift shop then turn left. The meeting room is on the left side in the hallway.

Use MapQuest as a reference to help you find your way to the meeting, just copy the address below to:

<http://www.mapquest.com>

Brackett Field Airport - Administration Building 1615
McKinley Ave., La Verne, CA 91750

Membership/Dues

Individual - \$30 for a period of July 1st thru December 31, 2010 (18 Month period)

Membership enables you to receive membership prizes, vote, Place FREE FOR SALE ads in the QRM, receive the QRM, and run for an office, It's open to any persons licensed and unlicensed. Members participate in a number of activities in the Amateur Radio community.

Activities include club meetings, projects, special events, and any ARRL events. The TCARA Sunday net is held at 7 p.m. FREQ: 145.440 Mhz. with a – input, PL 136.5

Health and Welfare

Health and welfare information goes to Bob Embrey, KD6DKV, at 626-339-3402

Net Information

Tri-County also holds a weekly 2-meter net for general club information. The net is held on the [145.440 Repeater](http://www.n6uso.com). All amateurs are welcomed to check in. This repeater is located on the highest of the Sunset Ridge peaks, so those with beams should point to just north of Claremont. It is a high level machine with great coverage and should afford us all of the benefits. Sergeant Burton Brink with the Los Angeles County Sheriff's Department is the repeater owner and has our thanks. SO Please load this frequency AND PL into your rigs and join the net. The Frequency: 145.440, PL 136.5 and with a – input. Check out his website at www.n6uso.com

73, Brad Rachielle, KC6NNV – Member of TCARA

Net Location and Time

Our Sunday Net starts at 7 PM, Freq: 145.440 MHz and a (-) input, with a PL 136.5 Hz Repeater website: www.n6uso.com

Time Line for the Net

ARRL News, DX Report, General Information, Check-ins from Board Members, General Membership, Visitors. Visitor check-ins, are always encouraged.

Northeast District LAX Sec. ARES Net

WEEKLY: THURSDAY at 7P.M.

(Using the D.A.R.N System)

CONTROL OPERATOR: Dennis Oszuscik, KI6UNC

ASSISTANT: Bill Brinkley, KC6UNY

All ARES members are encouraged to check-in and visitors are welcome - of course.

The net on the DARN System with any of the following frequencies:

147.360 + PL/103.5 "ARES 2 DARN" - Mt Disappointment
1283.25 - PL/114.8 "ARES 3 DARN 1.2"
446.740 - PL/100.0 "ARES 4 DARN 1" - Palos Verdes
446.240 - PL/100.0 "ARES 5 DARN 2" - Mt Disappointment
445.280 - PL/100.0 "ARES 6 DARN 4" - Verdugo Peak
446.940 - PL/100.0 "ARES 7 DARN 3" - Mt Wilson

We invite all ham to participate in this Los Angeles Amateur Radio Emergency net.

You can also join LAXARES on line at: www.laxares.org

You can get more information by calling Russ Keating – KI6WIR, NE District Emergency coordinator at: ki6wir@arrl.net or by calling 1-909-292-3419

ARES - Meeting Programs

February 13th - For our February 13 meeting, we will have Curt Kaplan of the National Weather Service speaking on Skywarn and weather spotting.



March 13th - For our March 13th meeting, we will have Joy Matlack-KD6FJV bring us information on the Baker to Vegas (B2V) Challenge Cup Relay and how we can participate.

ARES Net Control Stations Needed for Rescheduling

Dennis, KI6UNC, is setting up the net control station schedule for January through March 2010. Any members interested in being placed in the schedule should contact Dennis as soon as possible before December 19 with the dates they are available. Contact Dennis at doszuscik@yahoo.com

Remember, meetings are on the second Saturday of the month. The next meeting will be on February 13, 2010. The meetings are in Conference Room E on the main floor of the Wingate Building at Huntington Memorial Hospital, 100 W. California Blvd., Pasadena, CA. The meetings start at 0900 hours. Parking is free. Remember to **bring a friend** or two, or even your whole radio club. Guests are always welcome at the meetings.

Emergency S.A.T.E.R.N Communications

S.A.T.E.R.N (Salvation Army Team Emergency Radio Network) of Riverside/San Bernardino Cos. is looking for Amateur Radio Operators in Ontario, Rancho Cucamonga, Corona and the surrounding areas. Contact Tony Stephen at (909) 628-2843 or E-mail at: ke6jzf@surfside.net for

info. Check in on the SATERN Net Sundays at 8 P.M. on - 146.385 + PL 146.2 (Keller PK).

QRM – Newsletter

TCARA has archived the QRM Newsletters for viewing on the Internet. All files are saved in a PDF portable document format, and viewing requires the Adobe Acrobat Reader program. A Free download is available at:

<http://www.adobe.com/products/acrobat/readermain.html>

If you would like to add an article to the clubs monthly Newsletter, please send it to Ken Berglof – K6SRU at e-mail address: k6sru@arrl.net. You need to send it before the 22nd of each Month. Early submissions are always appreciated. TCARA, QRM Newsletter Editor Ken Berglof - K6SRU

Lic. Testing Session for Amateur Radio

The ARRL VE testing session is held at the Administration building in the pilots lounge at Brackett Field Airport, 1615 McKinley Ave., La Verne, Ca. 91750. VE Testing session is held on the last Saturday of the Month (No VE session in December). The testing session starts at 1:00 P.M. (1300) sharp. It is located at the same place where TCARA has their Club meeting. To find your way, use MapQuest: <http://www.mapquest.com>, then add the address above to MapQuest.

The testing will be for Technician through Extra Class. **Call Frank Westphal, K6FW** (coordinator for the ARRL VEC session) at 909-628-8661 for reservations. Leave on the answering machine the class of the test you want to take, and your name address and telephone number. Bring your current original license and a copy, and any CSCE's with copies of same and a picture ID.

There is a \$15.00 testing fee.

Some Repeaters, and Emergency response Groups in the area.

ARES Disaster Services located in So. CA - Check out Northeast District Los Angeles Section "Amateur Radio Emergency Service," ARES-LAX website at: <http://www.areslax.org>

ARES-Northeast District Emergency Net: Starts every Thursday at 7 P.M. on the 446.940 MHz -/100.0; there is more Frequency, information at TCARA Website at: www.tcara.org/aresndistrict.html

ARRL Orange Section, ARES website: <http://www.orange-arrl.org>

Los Angeles County Disaster Communications Services:

145.300 MHz (-) offset PL 156.7 Hz (Mt. Disappointment)
224.300 MHz (-) offset PL 100 Hz <http://www.lacdcs.com>

Azusa – ACS/RACES net:

Mon. 7:00 PM 144.970 MHz - Johnstone PK.

Glendora –ARES net:

Tues. 7:00 PM 144.970 MHz Johnstone PK.
Contact person: Clint Stone, KQ6NJ (626) 335-5777

Glendora Emergency Response Communications Net:

The GERC Net is Tues. at 2030 hrs (8:30 pm local) on 144.360 MHz simplex.

Local Groups:

La Verne Emergency Communications Team, K6LVN: Their Nets is held on Mondays at 7:30 PM, on the W6GLN/R repeater system located on Johnstone Peak. The FREQ is 144.970.

Glendora Emergency Amateur Radio Service - Call-sign is W6GLN. Their Nets is held on _____ at _____ PM on the W6GLN/R repeater system located on Johnstone Peak. The FREQ is 144.970.

Claremont "Cards" Net:

Claremont Cards Net is held on Monday at 7:15 p.m., Frequency 145.440 MHz, with a (-) input and a PL 136.5 Hz. Repeater owner is Burt N6USO.

Contact person: Bill Seymour WA6MOD, can be reached at wa6mod@arrl.net For information about the group go to: <http://health.groups.yahoo.com/group/cards-members/>

Johnstone PK Emergency & Red Cross:

146.820 MHz (-) PL 100 Hz

Western San Bernardino County:

The SATERN (Salvation Army) net is Sun. at 8:00 PM Freq. 146.385 MHz (+) 146.2 Hz Keller PK.

Rancho Cucamonga ACS/RACES:

Monday Net.7:00 PM 147.300 MHz PL123, Contact John Garcia - KF6ZQN

Chino Hills Auxiliary Radio Team (CHART):

Net is every Thursday, except the 3rd Thursday of the Month, at 7:00 p.m. CHART's tactical frequency is 145.510 simplex. The City's 220 MHz repeater frequency is 224.720 PL 127.3 & (-) offset.

American Red Cross - Is seeking volunteers -- The Communications Committee of the Pomona Valley Chapter, American Red Cross, is seeking volunteers for short-term and ongoing assignments. The Communications Committee is responsible for providing vital connections during times of disaster. Ham radio operations experience is not required, but some technical skills are preferred.

For more information, please contact Ralph Ogata, Director, Emergency Services, or Darlene Vega, at: (909) 622-1348 or go to: <http://www.redcross.org>

Speakers to give away

Set 1: 20 Watts, 3-way, air suspension, 8 ohms, bass reflex: 20x12x8 inches.

Set 2: Soundesign 8 Watts, 8 1/2 "wide-range speaker, 8 ohms; 13x9x5 inches.

Call:
Don, N6AFO at 909-624-0175 to arrange pickup.

SOME USED HAM EQUIPMENT FOR SALE

An ex-member of TCARA is moving to a condo and has some ham equipment for sale:

Sideband Engineering SBE-33 all band HF Transceiver with power supply that needs some work.

Hallicrafters HA-2 10 meter to 2 meter Transverter with 5894 final 60 watts all mode.

Heathkit DX-40 75 watts CW/60 watts phone, crystal controlled, 80-10 meters, 6146 final, grid modulation.

Ten Tec KR-20 Electronic Keyer — Hi Gain (or Galaxy?)
RF-550A RF Watt Meter — Homebrew HF Linear Amp with pair of 811As 500 watts out —

If your interested, please contact KENNETH H ROWLAND – KI6SD at Cell number: 909 437-1088.

A List of Used Equipment

1: Viking II, VFO, Linear and Bird.

2: Solar panels/ batteries.

3: Johnson Viking II has an Astatic D-104 microphone plugged in.

4: Johnson Viking II Transmitter (HF) with Johnson 122 VFO.

5: Heathkit SB200 Linear Amp (HF).

6: Bird ThruLine Model 43 Wattmeter, 1KW 2-30MHz plugin (HF).

7: 3 each solar panels, 50-100 watts each polycrystalline silicon - mfr not known.

8: 6 to 8 six volt car batteries, wired to solar panels for emergency power.

9: Tectronix 545B Oscilloscope with 53/54C, CA and W plug-ins (all on scope cart).

10: Signal Corp, Navy? (Hewlett-Packard) TS-510A/U RF Signal Generator 10 to 420 MHz.

11: Heathkit HW-16 Transceiver (HF) 50-90 watts CW only 80, 40 and 15 meters (HF).

12: Multi-Elmac AF-67 Transceiver AM/NBFM/CW 160, 80, 40, 20, 15 and 10 meters (HF).

13: Eico Model 625 Tubetester.

14: RCA WR-50B RF Signal Generator 85 KHz to 45 MHz.

15: Eico Model 324 RF Signal Generator 150 KHz to 435 MHz.

16: RCA WA-504B / 44D Audio Generator 20 hertz to 200 KiloHertz.

17: Yaesu FT-202R FM Handietalkie (2 meter 1 watt).

18: Kenwood TH-205AT FM Handietalkie (2 meter, extended RX, WX band 0.5 or 5 watts).

19: Yaesu CB Radio SSB? Unknown model (bad photo).

If your interested please contact Bob Mueller, K6ASK at k6ask@arrl.net

Tri-County Amateur Radio Association

P.O. Box 75, Claremont, CA 91711

OFFICERS AND BOARD MEMBERS

President _____ Bob Mueller ___ K6ASK ___ (626) 914-1227
Vice President _____ Charles Brewer ___ KG6NID ___ (909) 489-2266
Past President _____ Brad Rachielle ___ KC6NNV ___ (909) 985-8018
Secretary _____ Jerry Krizek ___ WA6BSW ___ (626) 338-2696
Treasurer _____ Alvin Banman ___ W6EKZ ___ (909) 622-9930
Programs Chairman ___ Taking turns _____
Publicity Chairman ___ Ken Berglof ___ K6SRU ___ (909) 597-2145
Emergency program ___ Clint Stone ___ KQ6NJ ___ (626) 335-5777

SPECIAL COMMITTEES & ASSISTANTS

Club Trustee _____ Clint Stone ___ KQ6NJ ___ (626) 335-5777
Club Information _____
Health & Welfare _____ Bob Embrey ___ KD6DKV ___ (626) 392-3065
Hospitality ----- **VOLUNTEERS** -----
Net Control _____ Clint Stone ___ KQ6NJ ___ (626) 335-5777
Training ----- **VOLUNTEERS** -----
Testing _____ Frank Westphal ___ K6FW ___ (909) 628-8661
Contest Chairman ----- **VOLUNTEERS** -----
Field day Coordinator ___ Brad Rachielle ___ KC6NNV ___ (909) 985-8018
QRM Editor/Webmaster ___ Ken Berglof ___ K6SRU ___ (909) 597-2145

Our club meeting is held on the second Wednesday of every Month except for December. The meeting is location at Brackett Field Airport Administration building in the Pilots Lounge at: 1615 McKinley Ave., La Verne, CA 91750.

DIRECTIONS - Starting from the 10 Freeway just East of the 57 FWY, exit to Fairplex Drive to travel north up the hill on Fairplex Drive. Continue going North over the hill until you come to McKinley Ave. with a street signal light. Then turn left on McKinley Avenue. When you reach the next street signal light, stay in your left or # 1 lane to continue on McKinley Ave.

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Brackett Field Airport (American Airports Corp.)
[1615 McKinley Ave., La Verne, Ca 91750](https://www.google.com/maps/place/1615+McKinley+Ave,+La+Verne,+CA+91750)

— Check out the website at: www.tcara.org —