



Orange Section News

by Carl (WU6D)

Section Manager

May 15th, 2014



Volume 14 Issue 3

FIELD DAY 2014, A PERSONAL NOTE

Why do we have this event called "Field Day"?

Well, it is to test our equipment and see how many contacts we can make and how far we can transmit while using low power (100w or less), which includes, batteries, solar, bike, etc.

This event has also turned into a contest to see who can achieve more points than the next group, club, or individual.

What about the social side? This might be a techie type event, but it takes people to make it happen.

This is where I personally have seen concerns; EGO's, not working as a team if you are with a group/club, safety and most of all lack of volunteers.

Field Day in the last several years seems to be not as exciting as it used to be. Groups/Clubs are changing, we are getting older and just cannot spend as much time transmitting, setting up and tearing down.

Where are our young hams? They have family responsibilities, work, financial problems (don't we all now days). We hide in the mountains, in parks where people have to pay to get in, in order to participate or we are away from the public. How do we make coming to, and participate in a field day operation not only a contest, but fun?

First, to our new members to amateur radio, we need to make this event *exciting*. Remember the first time that you were asked if you would like to participate?

I remember. I was a new ham, female, and just learning how to use my HT, let alone get on HF. Wow, the only time I could work on HF without a Tech Plus or better license. I signed up. I helped set up, did kitchen duties for lunch and dinner and worked the bands when my shift came up. I had fun.



I volunteered along side of many already experienced field day operators, who broke the chores up to get the most out of all volunteers and not to exhaust 2 or 3 people only.

EGO was not an issue, they were helpful, they taught you how to proceed with your project that you signed up for.

We had many meetings, discussions, and after an out briefing to see what we could do to make it better the next time. I also at one time was a field day chairperson. Some clubs have a mini pre-field day just to make sure everything is ready to go and train at the same time.

Here was the kicker. One year after I started working DX (long distant communication and contests), I worked the 10 pm to 2 am shift one time and had a pile up (hams calling for me all over the country) on 20m (propagation was great that year). I was tired....but enjoyed every minute.

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QST ARTICLE CAUSES ARES FUROR



Rick Palm's (K1CE) article regarding ARES and Public Service seems to have created quite a bit of discontent among some of the ARES leadership.

Personally, I think it is right on the mark, and rather refreshing to have HQ acknowledge this fact. This is the same way I have been promoting ARES for some time now. Granted, it took me awhile, as a new SEC, to realize the true value of ARES.

I began promoting the idea that dual membership in ARES and RACES, like what HQ has been promoting, is the ideal situation for volunteers. ARES is self activating and volunteers could be in place and simply "switch hats" when RACES activates.

The beauty in this approach is that volunteers would already be in position and ready to continue operations under RACES. However, there is a problem with this approach.

ARES and RACES have separate missions. RACES, as defined by FCC rules, may only operate when activated and are only allowed to communicate

with other RACES units. RACES was designed to support government; local, county, regional, state. They have no other purpose, again by FCC rules. ARES on the other hand has no restrictions regarding who it serves nor is it limited to who it communicates with; as evidenced by the many MOU's ARES has with other organizations, none of which is RACES.

I have no problem with individuals having membership in other groups; however, those individuals have a responsibility to inform their leadership which group they will support during a crisis. To have an ARES/RACES team is a nice concept up to the point when RACES is activated and those volunteers stop communicating with the rest of the community, per FCC rules.

I am sure that there are several locations throughout the U.S. where there is complete cooperation between ARES and RACES, or ACS, or whatever other name a governmental agency wishes to call their amateur radio volunteers. What bothers me is that these agencies will operate under the guise of ARES to

skirt FCC rules and do other communication duties for the public service, such as bicycle races, marathons, parades, etc. that have nothing to do with emergency communications. These are public service events.

I have a presentation entitled "What is the Amateur Radio Emergency Service, and Why do you want to talk to those guys anyway?" In that presentation I describe how a lone amateur radio operator, registered as an ARES volunteer, may contribute to the public by simply turning on their rig when an event occurs; at that moment they are activated. It is that lone ARES volunteer that can report what is occurring in their neighborhood, outside their window.

Those operators inside an affected area stand ready to support their community by reporting to those groups outside the affected area. No other organization has the capability to do that.

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At the section level, the Section Emergency Coordinator is appointed by the Section Manager (who is elected by the ARRL members in his or her section) and works under his/her supervision.

ARES & RACES - - *BY THE BOOK*

Chapter Four: ARES and RACES

After World War II, it became evident that the international situation was destined to be tense and the need for some civil-defense measures became apparent. Successive government agencies designated to head up such a program called on amateur radio representatives to participate.

In the discussions that followed, amateurs were interested in getting two points across: First, that Amateur Radio had a potential for and capability of playing a major role in this program; and second, that our participation should be in our own name, as an Amateur Radio Service, even if and after war should break out. These principles were included into the planning by the formulation of regulations creating a new branch of the amateur service, the Radio Amateur Civil Emergency Service, RACES.

Recognition of the role of Amateur Radio as a public service means responsibility. RACES regulations are printed in full in the ARRL publication, The FCC Rules and Regulations for the Amateur Radio Service,

along with the rest of the amateur regulations. Every amateur should study closely and become familiar with these rules; civil preparedness, now a major function, may become our only on-the-air function if we are plunged into war.

4.1 What is RACES?

RACES, administered by local, county and state emergency management agencies, and supported by the Federal Emergency Management Agency (FEMA) of the United States government. It is a part of the Amateur Radio Service that provides radio communications for civil-preparedness purposes only, during periods of local, regional or national civil emergencies. These emergencies are not limited to war-related activities, but can include natural disasters such as fires, floods and earthquakes.

As defined in the rules, RACES is a radio-communication service, conducted by volunteer licensed amateurs, designed to provide emergency communications to local or state civil-preparedness agencies. It is important to note that RACES operation is authorized by emergency management officials only,

and this operation is strictly limited to official civil-preparedness activity in the event of an emergency-communications situation.

4.2 Operating Procedure

Amateurs operating in a local RACES organization must be officially enrolled in the local civil-preparedness agency having jurisdiction. RACES operation is conducted by amateurs using their own primary station licenses and by existing RACES stations.

The FCC no longer issues new RACES (WC prefix) station call signs. Operator privileges in RACES are dependent upon, and identical to, those for the class of license held in the Amateur Radio Service. All of the authorized frequencies and emissions allocated to the Amateur Radio Service are also available to RACES on a shared basis.

While RACES was originally based on potential use for wartime, it has evolved over the years, as has the meaning of civil defense (which is also called civil preparedness), to encompass all types of emergencies.



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ARES & RACES — *BY THE BOOK*, CONT'D

While operating in a RACES capacity, RACES stations and amateurs registered in the local RACES organization may not communicate with amateurs not operating in a RACES capacity. Such restrictions do not apply when such stations are operating in a non-RACES--such as ARES--amateur capacity. Only civil-preparedness communications can be transmitted.

Test and drills are permitted only for a maximum of one hour per week. All test and drill messages must be clearly so identified. With the approval of the chief officer for emergency planning and applicable state, Commonwealth, district or territory, however, such tests and drills may be conducted for a period not to exceed 72 hours no more than twice in any calendar year.

4.3 ARES and RACES

Although RACES and ARES are separate entities, the ARRL advocates dual membership and cooperative efforts between both groups whenever possible for an ARES group whose members are all enrolled in and certified by RACES to operate in an emergency with great flexibility. Using

the same operators and the same frequencies, an ARES group also enrolled as RACES can "switch hats" from ARES to RACES and RACES to ARES to meet the requirements of the situation as it develops.

For example, during a "non-declared emergency," ARES can operate under ARES, but when an emergency or disaster is officially declared by a state or federal authority, the operation can become RACES with no change in personnel or frequencies.

This situation is still not well understood and accepted throughout the United States; both ARES and RACES still exist, separately, in many areas. League officials will have to determine the situation in their own area.

Where there is currently no RACES, it would be a simple matter for an ARES group to enroll in that capacity, after a presentation to the civil-preparedness authorities. In cases where both ARES and RACES exist, it is possible to join both or to be involved in either. As time progresses, the goal would be the merger into one strong

organization, with coordination between ARES and RACES officials using the same groups of amateurs. In some sections of the U.S. today, the ARES structure has also been accepted as the RACES structure.

4.4 Other Amateur Facilities

There are a number of other Amateur Radio facilities, not sponsored or directly affiliated with the League, which are nevertheless an integral part of our public service effort. Some of these organizations are the monitoring services, MARS, independent nets -- both international and domestic -- and other similar activities.

While naturally we want you to participate in organizations sponsored by your League, it's better to participate in a non-League sponsored public service organization than not to participate at all.

In this booklet we cannot give details of the operation of these other organizations because there are too many of them, and their operations change too rapidly.

FIELD DAY 2014, CONT'D

So, with that said, here is what I believe after many years of participating in field days, I would expect to see happen to encourage new volunteers and to keep experienced ones coming to Field Day.

CHECK YOUR EGO AT THE DOOR

Make it a challenge, but make it fun to be there.

Listen, learn and teach those who don't know a lot about the technical side.

Be the one! Whoever is in charge, form committee team leaders (those experienced).

Give them assignments to do with deadlines for completion and allow them to do those assignments without micromanaging them.

Do an educational class on field day. Such as a 101 How To: (Orange County Amateur Radio Club did one in May)

The leaders of the committees get volunteers (A mixture experienced with non experienced) so that knowledge will be available to take over in years to come.

Safety Coordinator - Setup of towers, antennas, wiring, cables, design (never throw caution to the wind). Check the weather conditions for the event time

Freq. Coordinator - Stations to be used at field day. (Radios, speakers, mics, keyers, cables, stubs, RF chokes) frequencies used are only as good as the license class used (make sure the event call is an extra class license)

Setup - Who will the volunteers be? Anyone who can do the job and is eager to learn but knows the safety protocols that go with it. Same for tear down.

Station Setup - Pop ups, trailers, tents, tables, chairs (do you have whoever signs up to be in charge of a station bring all their own gear, or everyone who volunteers to work the station bring a little bit of stuff to make the station work? Shares the load!

Meals - Cooking (have more than 1 cook), setup of kitchen and responsibilities), lists of food to be bought by organization and list of those to bring side dishes) & plenty of water.

Security - Assignment of volunteers to take point on watching the area, people will be busy and may not see something occur at the site(s).

Welcome to Our Field Day Info Booth - Many times groups/clubs forget that the general public might be around and are curious to what is happening.

Make sure that there is someone who loves to talk with people and explain Amateur Radio and what we do in times of need. Make sure that there are more than 1 volunteer to cover a certain amount of time during the day and evening. Invite them to talk on the radio at the GOTA station (They don't need to be licensed). What Fun!

Personal Items You Bring - Breath mints, Tums, etc; deodorant, tooth brush, hygiene stuff, medicines, hats, sunglasses, etc. Remember Field Days are usually in remote to semi remote areas, shopping malls, hospital parking lots, and unless you brought your trailer/5th wheel (PU) You know what I mean?

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ARLO MEYERS (WA6UDR) SK

Arlo Myers (WA6UDR) of Riverside, California, passed away on May 4th. He was born in 1922.

He was active in the Riverside County Amateur Radio Association, and Quarter Century Wireless Association, Chapter 177.

Arlo was a graduate of the University of Washington and held a PhD from Yale University. Arlo was a retired professor at UC Riverside



Arlo Meyers (WA6UDR)
1922-2014

where he taught experimental psychology.

He is remembered for his golden radio voice, outstanding radio club presentations and the speed in which he solved the Sunday, LA Times crossword puzzle. He was first licensed at age 16.

It is with a heavy heart that we lay our friend to rest.

Our condolences go out to his family.

BARSTOW ARC SAYS HELLO!



FIELD DAY 2014, CONT'D

Keep everyone involved, don't let anyone stand still too long or your volunteer will walk away. Some need a little nudge and some don't.



Well, you know where I was going with all the details that are needed to get the show on the road, but what about those young new OM's (Term used for a male) and YL's (Term used for young lady) that have families?



Bring the kids, make them fit into the plans. There can be a safety zone developed for play and fun for the kids so that mom and dad can have a chance to work the frequencies.



Give projects for those who are part of the group/family that are under 16. You'll help them learn responsibilities and maybe the project will be a little on the fun side too.

MAKE THIS A FAMILY EVENT!



Who else could we invite to this event, anyone, do you have anyone else that may enjoy coming and participating. I know, How about the Boy Scouts and Girl Scouts, or other organizations. Do you have someone on your team that can do awards? Boy Scouts get a Merit badge and Girl Scouts have an equivalent badge. They can work some stations, help with meals, learn more about Amateur Radio. Shouldn't they.



Oh, I almost forgot, the social aspect of Field Day. Bringing people together (Talking, listening, & laughing). Meeting friends that we only see occasionally as they pass by to move on to another field day.



Sitting down to have lunch or dinner at the site. Team work is social also, helps build character and makes for new friendships. After all we are a family, an Amateur Radio Family!



73
Cathy K6VC

RIVERSIDE COUNTY NW ARES

Notes from the Riverside County Northwest ARES. Training and preparedness is key to the Riverside County Northwest Division ARES organization according to Emergency Coordinator Alan Pearson (KB6DMZ).

Currently the Riverside County Northwest Division ARES is composed of members from Moreno Valley, Hemet, Beaumont, Nuevo, Perris and Riverside and surrounding areas.

In May a Quick Start Emergency Communications Training Class was conducted by Carl Garde-

nias (WU6D), ARRL Southwestern Division, Orange Section Manager in Perris. 30 ARES members attended the half day class and 13 newly licensed amateurs were in attendance.

Alex Tardy, Meteorologist for the National Weather Service, San Diego, presented an overview of the ARKStorm and the NWS Skywarn program on May 12th. Ed Sherman (K6UKL), Riverside County Skywarn coordinator was in attendance for the Q&A session.

Alan Pearson proudly announced the formation of two new Riverside County

ARES organizations, Nuevo/Perris ARES and the Diamond Valley ARES serving the Hemet area.

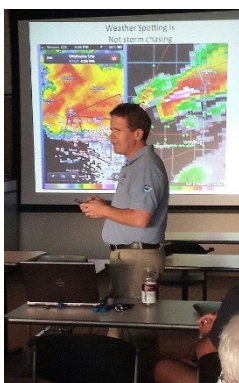
Recent training programs included Narrow Band Emergency Message software, conducted by Bob Morris (KK6BXJ) and hands-on field emergency operations, by Glenn Tobey (AB6PA).

Alan and his Asst emergency coordinators have been busy meeting with local amateur radio organizations, civic leaders and volunteer organizations bring them up to date on the ARES programs and capabilities.

Northwest Riverside County ARES Group

One of ARES missions is to provide local and county Emergency Management officials with data from the field that they can include in their decisions on how they allocate their resources.

Narrow Band Emergency Messaging Software (NBEMS) has the capability to increase ARES ability to effectively and efficiently move information within ARES and to and from city and county RACES. This system can move large amounts of data with minimal errors while leaving backup copies for the operators and paper copies for EMS officials with minimal to no cost to implement. It covers a number of important areas in our planning and training.



PERRIS QUICK START PICS



SAN BERNADINO COUNTY

Several projects are ongoing. One of the biggest projects is the placement of Ham Radio in each hospital and health agency in the county.

We have received a federal government grant. Under the direction of the ICEMA (Inland Counties Emergency Medical Agency) who oversees the hospitals in San Bernardino, Mono and Inyo counties we have begun requiring all facilities under their direction to have permanent or portable ham radio equipment along with power sources and antennas.

We are also working with those hospitals in Mono and Inyo counties with getting them involved with the project.

Each facility will receive money to replenish their emergency prep supplies. They must purchase additional radio gear as part of

the grant.

San Bernardino County Fire Department's Office of Emergency Services is the lead agency in the placement of all the equipment.

Each facility will be inspected and a suggested list of equipment will be given along with licensing and training their staff that will be operating the equipment. This large project will be ongoing for the next several years.

We are also outfitting most county and city agencies with radios to enable them to have backup communications during times of disasters.

Several other activities throughout the county involve charity walk a thons, disaster prep drills and demos. We reach out to the public to help them understand the role ham radio will play during disasters.

Each year the need for licensing and training expands throughout the county so we are working to meet those needs.

Overall, the county of San Bernardino is extremely busy in all aspects of ham radio with a high emphasis on disaster communication. The time of all agencies working alone during these times is over, and with the budgets so tight they need to learn to work together for the common cause. Most agencies realize the need for backup communications and they know they can't do it alone. We will continue working on building the relationships and work with all agencies to make the system work. With the county being over 20,000 square miles, it will be a long road ahead.

Jeff Richardson (W6JJR)
jrichardson@bdcecs.org

ARRL SW DIV CONVENTION

September 12-14 2014

The ARRL Southwestern Division Convention will be held in San Diego, CA.

The location is the Sheraton Four Points hotel on Aero Drive near the Montgomery Field Airport.

Click [here](#) for a map to the location. Admission tickets will be on sale on September 1st, 2014

An airport shuttle and free parking available.

E-mail contacts:

kc6tbg@cox.net
kc6qls@cox.net

OR

mastroleo@mindspring.com

The convention is sponsored by SANDARC. You can check out the website for more info at:

<http://www.sandarc.net/convention2014.php>



MENIFEE VALLEY ARC

The Menifee Valley Amateur Radio Club provided emergency communications for the recent Half Marathon and 5K races at Mt. San Jacinto College.

Club members were deployed at crucial points along the race route to provide emergency communication via mobile radios and were networked under the control of Bert Novak (N6KUJ), the club president.

Close liaison with race officials, emergency medical personnel and law enforcement was maintained. Two runners did require paramedic attention, which was obtained via the mobile units of the ham radio

emergency network at the scene.

The club was organized in 1973 as the Sun City Amateur Radio Club and was recently renamed Menifee Valley Amateur Radio Club with the goal of attracting members of all ages from over the entire area.

Entry level ham licenses (technician) are now relatively easy to obtain and one of the goals of the organization is to promote growth of the hobby by assisting others to become ham operators.

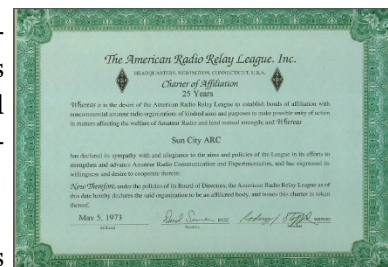
The primary goal of the organization remains providing emergency and disaster communications. The race activity gave the club

an excellent readiness exercise; however, all facets of the hobby are promoted and enjoyed by the membership.

Meeting time and date is on the 1st Thursday of each month at 7:30 PM. The meeting location is the Provident Savings Bank located at 27010 Sun City Blvd in Sun City, CA. 92857.

Click [here](#) for a map to the meeting location.

We "meet" every Tuesday at 6:30 PM for our net on 146.580 MHz (Simplex). All amateurs licensed for the 2 meter band are welcomed.



HDSCS REPORTS

May 12, 2014



HDSCS coordinators met Saturday morning for an extensive review of, and planning for, upcoming activities along with discussion on revisions to our weekly net protocol. HDSCS will be participating in ComEx at the Army Reserve Base in Costa Mesa, the Ham Jam at HRO, and hospital drills. Of course, we also are putting on the HDSCS Open House and VE session and doing Field Day in that same time frame. We will be keeping busy.

On May 18 from 1:30 to 5:30 PM we held the first ever HDSCS OPEN HOUSE and VE session. Lots of folks stopped by and visited with HDSCS communicators, hospital representatives, Care Ambulance staff, and checked out HDSCS member disaster boxes, ambulances, and various other show and tell items.

April 20, 2014

HDSCS communicators were requested to be on site at Garden Grove Hospital Thursday night starting at 10 PM to provide back-up communications during a power down situation. While the hospital functioned on generator power, seven radio operators backed up communications from such locations as the emergency department, post partum, and intensive care. Three communicators took turns as the external base station during the "night owl" operation to make sure the hospital was always connected to the outside world should a sudden failure of the phone system take place or if additional operators were needed at any point. Fortunately, the scheduled 8 hour power down was over in 5 1/2 hours. While it wasn't the most exciting duty, communicators always find these activities good practice in: getting into a hospital and establishing contact with the base station; setting up an internal net; interfacing with hospital staff; and determining if they have the "right stuff" in their disaster boxes.



HDSCS held a VE testing session on Sunday May 18 from 2:30PM-4:30PM. The testing session was part of an HDSCS "Open House" acquainting interested hams and non-hams with the group and its support of hospitals in Orange County. The Open House was held at Care Ambulance in the city of Orange. Care Ambulance staff was in attendance with some of their vehicles and a few hospital disaster coordinators to talk about how they have made use of HDSCS during communication outages. Registration is required in advance to take a test.

Contact April Moell (WA6OPS) at 714-879-6895 if you have general questions about HDSCS or the open house. Do not call Care Ambulance.

73

April Moell (WA6OPS)

HDSCS

Orange County, CA

OCARC

The May issue of the Orange County Amateur Radio Club "RF" Newsletter has been uploaded to the OCARC web-site at www.w6ze.org.

NOTE: The next OCARC Meeting is on the third Friday of each month at the Red Cross Building at 7:00 PM.

The next OCARC Breakfast/Board Meeting is scheduled for Saturday June 14th, 2014 at 8 AM. at the Jagerhaus Restaurant at 2525 E. Ball

Road, next to the 57-FWY. All members and visitors are welcome.

COAR RACES provided communications support for the Orange Police Department running team during the recent Baker-2-Vegas 120-mile-long foot-race through the desert. OPD breaks their racing record!

The OCARC nets need your support on their nets. See the chart below.:

We hope to hear you on the nets.

Field Day is just a few weeks away! Mark June 28th and June 29th on your calendar. We are in middle of planning for meals. Send an e-mail to OCARC_info@W6ZE.org telling us what meals you plan to eat during FD.

....de Ken W6HHC

OCA

RC WEBMASTER



| Band | Mode | Local Day | Local Time | Frequency | Net Control | Operator |
|-------------------------------------|------|-----------|------------|-------------|-------------|-----------------------------|
| 10 Meters | USB | Wednesday | 7:30 PM | 28.375* MHz | W6ZE | AF6C |
| 2 Meters | FM | Wednesday | 8:30 PM | 146.550 MHz | W6ZE | WB6IXN |
| 40 Meters** | CW | Sunday | 9:00 AM | 7.086* MHz | (Varies) | See Details |
| ** Sponsored by the OC Wireless Net | | | | * ± QRM | | |

Please check the details for net protocol before checking in to the OCWN net. They are simple to follow, and will make your OCWN net experience solid.

ARIZONA HAMFESTS

June 7th, 2014

White Mountain Ham-fest and Swap Meet

hosted by the Kachina Amateur Radio Club Show Low City Hall at 180 North 9th Street in Show Low, AZ. Click [here](#) for a map.

Hours: 8:00 AM-12:00 PM Prizes, ARRL Booth (with card checking), VE Testing, Arts & Crafts, Demos and Displays.

Vendors/tailgaters: \$5.00 per space.

Free Dry On-Site Camping Fri. June 6th after 5:30 PM. Talk-In: 145.310 Pl 110.9

For information contact: Jim Mortensen, W7AZY@arrl.net

July 18th, 2014

ARCA/Williams Ham-fest and 2014 ARRL AZ State Convention at the Williams Rodeo Grounds located at 800 Rodeo Road, Williams, AZ. Click [here](#) for a map.

Hours: Dawn to Dusk Fri. July 18 & Sat. July 19th.

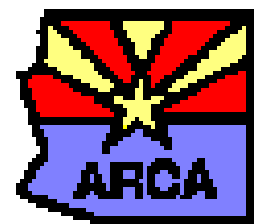
Set-Up Camping at 5:00 PM on Thur. July 17th.

Talk-In - 146.78 - (91.5 Pl) Meetings, Seminars, Activities, Commercial Vendors, huge Swap, VE Tests Sat. Night - BBQ Dinner at Railside RV Ranch.

Sun.- Grand Canyon Train Trip.

For more info click the link below.

<http://www.arca-az.org/>



NEW NUEVO/PERRIS ARES EC



Alan Pearson (KB6DMZ), (right) presents certificate to newly appointed Nuevo/ Perris ARES Emergency Coordinator, Paul Kelley (KKHOH).

SAN GORGONIO ARC



ORANGE SECTION EMCOMM QUICK START



P4P EXPO COMING

I would like to personally invite you to participate in this year's P4P Expo, (Emergency Preparedness, Preppers & Self-Reliance Expo) to be held at the Fairplex So Cal in Pomona, on June 21st & 22nd.

This will be a great opportunity to expand your reach, promote your store and wide range of emergency & preparedness products and accessories, to self-reliant families, outdoor enthusiasts, and Preppers for emergency needs. Your products should be included in everyone's home, emergency plan & bug-out kit.

As you know, our Expo will attract attendees from Orange, Los Angeles, San Bernardino & Riverside Counties, consisting of over 18 Million+ Residents! California's Largest Market & Consumer base.

I would enjoy the opportunity to discuss the P4P Expo with you in more detail and exhibiting opportunities.

Visit Our Website: www.p4pexpo.com and sign up online!

WARA VE SESSIONS

On June 28th at 1:00 PM Western WARA will hold a VE session at the (Walter Knott Elementary School located at 7300 La Palma Avenue in Buena Park CA 90620-2623. Walk-ins allowed.

Contact: George T. Jacob at:
(562) 544-7373

Email:

jac2247@gmail.com

VEC: ARRL/VEC

Click [here](#) for a map to the location.

NOTE* THIS WILL BE THE LAST TESTING SESSION SPONSORED BY WARA USING THE CURRENT TECHNICIAN QUESTION POOL.

See their website at:

<http://www.warahams.net>

Western WARA meets on the 1st Monday of the month at 7:00 PM at the Sizzler Restaurant Banquet Room, 1401 N Harbor Blvd. in Fullerton - Talk In: 145.400- (PL 103.5)

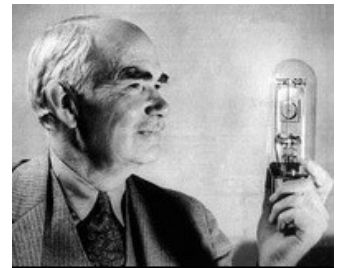
SO CAL DX CLUB WRITES BIG CHECK

The Northern California DX Club received a substantial donation from the So Cal DX Club to assist in their DXpedition on April 5th. at the International DX Convention.



LEE DEFOREST ARC ARES NET

Just want to toss a reminder out there for Tues and Thurs night. Tuesday night our early net starts at 6:30 pm with Jim (KE6KNY) at the mic. At 7:15 pm our regular net begins with Ed (KI6DCB) at the mike. and finally at 8 pm our 75 meter Eagle Net begins with Jim (KE6KNY) at the mike. On Thursday, our 10 meter net on 28.385 MHz begins at 7:15 pm with 30 minutes of Ham Radio News Line. At 7:45 pm our Eagle Net on 10 meters begins with Jim (KE6KNY) on the mike with a round table format. We have more than 40 members and guests check in at each Tuesday net. That's fantastic, let's keep it up! Our Monthly Club meeting is on this Wednesday night at 7:30 pm, Valley Wide. See you there. Check our website at: <http://www.ldradioclub.com/> Bill (K6SSI).



CITRUS BELT ARC

Last month the Board and members agreed it would be a good time to return to offering seminars of interest each month. We did these in the past, usually on the evening of our General Membership Meeting. This made the night a marathon so we thought an alternate Wednesday would be more time friendly.

Check out our website at: <http://www.w6jbt.org>

Charlie J. Laudan PIO (W6JCL)

claudan@earthlink.net

Citrus Belt Amateur Radio Club

(909) 754-1607 mobile



Join us for ROUTE 66 ON THE AIR SPECIAL EVENT on Saturday September 6, (00:00Z) through Sunday September 14, (23:59Z).

We invite all to our meetings at our clubhouse located on the grounds of:

Patton State Hospital (Click [here](#) for a map to the site.)

Rules:

Since the C-BAR-C clubhouse is located at a California State facility, the following are prohibited:

Firearms

Cameras

Tobacco products

Alcohol

Khaki colored clothing

If you have questions, please contact us.

Patton State Hospital

Staff Development Center

3102 E. Highland Avenue

Highland, CA

(909) 425-7275

YAESU DR1 REPEATER BETA TEST

Yaesu has selected the RATS (Rag and Tech System) to do the beta testing of the DR1 repeater. Thanks to Janet for getting me to put in an application for the test.

It should be up and running as of the 16th of April.

The R1 will replace the Motorola 1225 repeater that has been up for five years.

The repeater must stay in the auto mode as per the agreement. So it will do both digital mode and analog.

Frequency and PL will stay the same at 444.44 and 449.44 with a PL of 127.3.

The DR1 will not have a controller on it so the 2 second wake up function will go away.

Also the repeater will be set as always ... high on tot setting ... 3 minutes ...

Don is also going to redo the antennas at this time ... I think.

The pattern will favor North OC and central county actually with be directed at PV. The power will be just a tad higher as we will not have the duplexer in line.

We believe the unit has about 45 watts out. Our old repeater was set to 35 watts so at the antenna it was about 16 or 17 watts

As you know this is normally a closed system but for the next 3 months it is open to anyone to get on and try the repeater. Feel free to use the repeater now in the analog mode to have your radio ready.

All I ask is that you send me an e-mail and let me know any problems or good things about the repeater. This can be from day one as I have to do a report at one week, one month and at the end of three months.

I have asked that Yaesu have their people in Orange County also get on too.

PLEASE remember to only ask technical questions about the repeater if they are on. Also, we will program the FTM400 at the store that people may try the digital function. I have FT1DR radios, Janet will have a FT1DR Mike (KB6VHF) has a FT1DR. Don will have a FTM400 in his truck.

If you have a FTM400 or a FT1DR should be people on to talk in the digital mode.

If you have any questions about price things like that just e-mail me or call the store.

To the people out of the area if you are in the OC area please get on and check in.

So get on and talk so we can give it a good work out. We would love to have the system run from early in the AM til late at night.

Will let you know more as we go with this project.

73 Fred (WoPE)



**Open DR1 repeater in Beta test.
Frequency and PL is 444.44 and
449.44 with a PL of 127.3.**

HOW TO CONTACT YOUR ARRL ORANGE SECTION MANAGER CARL GARDENIAS (WU6D)



The ARRL Orange Section

We serve the counties of Orange, Inyo, Riverside and San Bernardino.

Do you have information or pics that you would like to share for the for the newsletter? Promote your club or net. Tell a story. Write a technical or operations article and share your knowledge and experience. Report a Silent Key and other special events in your local area. This is a local newsletter—we need your inputs.

Do you have an article about improving club operations, club leadership or other subjects you would like to submit for publication in this newsletter? We would love to take a look at your work. If used, we will fully attribute your article. Submit a head shot if you would like one on the article. Want to spread the news? Send it to Carl.

You can call Carl at home at:

951 490-2270. You can email Carl anytime at: wu6d@arrl.org.

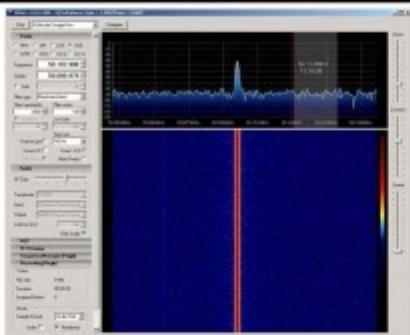
You can snail mail Carl at:

20902 Gardenias Street
Perris, CA. 92570

Check out the Orange section website at: www.orange-arrl.org

OCARC

"Show and Tell" Night



Peter N16E demonstrated FunCube SDR Receiver spectrum and "waterfall" on 6 Meters
(photo by N16E)



Peter N16E controls FunCube from notebook computer
(Photo by K6ACJ)



Tim N6TMT explains advantages of learning Morse Code using online CW ACADEMY
(photo by W6HHC)



George KK6KHE set up a video camera to record the "Show-and-Tell" presentations
(photo by K6ACJ)



Clem W0MEC displays a 30-in disk drive platter from a 1970's CDC mainframe.
(photo by W6HHC)



Clem W0MEC shows a punch-card used with the CDC mainframe,
(photo by K6ACJ)

OCARC SHOW AND TELL, CONT'D



Ken W6HHC demonstrated using an RKM MK802iv "micro-PC" to drive DATV-Express digitalATV PCBA
(photo by AF6C)



Here is a size comparison of W6HHC's quadcore-ARM MK802iv "micro-PC" to a card deck.
(photo by W6HHC)



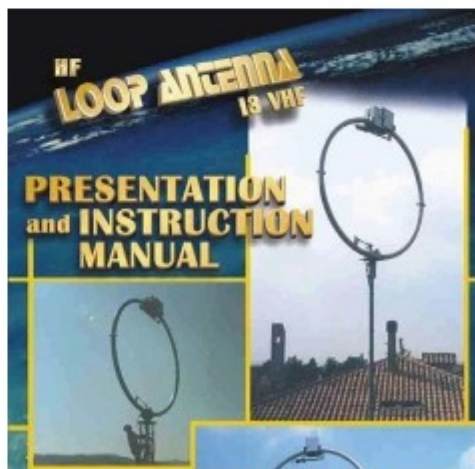
Dino KX6D points out the high-maintenance points of pulleys and cables on crank-up towers
(photo by W6HHC)



Dino KX6D explains maintenance on brakes for the crank-up tower wench
(photo by K6ACJ)



Robbie KB6CJZ showed his progress building a DigitalATV repeater station (1.2 GHz up / 3.4 GHz down)
(photo by W6HHC)



Nicholas AF6CF described his plans to use CB-320 microcontroller to remotely tune loop antenna.
(book by I3VHF)

QST ARTICLE CAUSES ARES FUROR, CONT'D

RACES, ACS, whomever, does a good job at what they do, supporting government, where ARES supports the public. To get upset because HQ has recognized the service ARES provides the public indicates to me that there are some that have misunderstood the value of ARES and are not utilizing ARES to its fullest potential.

ARES is the glue that molds itself into any form required of it, in support of Public Service Communications.

I know that there are ARES units throughout the U.S. that support their government agencies, but to organize, train, and only respond in support of their government is a disservice to their community, and to the ARES organization as a whole. There is no shame in acknowledging that ARES works in the interest of Public Service.

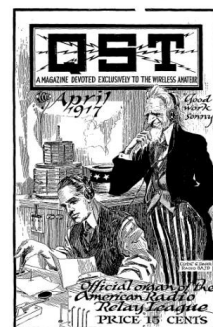
ARES is the leader in communications when disaster strikes, or any other time communications, for the public service, is required.

We have done it longer than anyone else and do it better than anyone else.

"The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes."

Bob Turner (W6RHK)
Orange Section—Section
Emergency Coordinator

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AN EDITORIAL COMMENT

Traveling around the U.S. attending hamfests for my business affords me a the opportunity to speak with a lot of hams. Being a member of both ARES and RACES on the Oregon coast, I see and hear about both sides of the equation.

What I have noticed is local counties need a chain of command. Probably so they are not inundated with legions of hams haphazardly volunteering for service during an emergency. The counties prefer

an orderly, well understood and professionally managed activation of well trained, selected and vetted volunteers. That is not to say that ARES members are not well trained, selected and vetted professionals. It is a bit like a group of professionals within a group of professionals. Think of a SWAT team within a police department. Until called up, the SWAT team members function as "standard-duty" police officers. They handle "routine" emergen-

cies and every-day policing activities. When called up as a SWAT team member, their task list narrows until that specific task is completed. Then they return to their general duty tasks. RACES volunteers are a superset of ARES volunteers that work on different tasks under a different color of authority. Let me know what you think.

73 de AE7QU

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[s.Net](http://HamRadioWebsite.com)

