

### General Meeting

Friday August 20, 2010 7:30pm  
 Our Saviors Lutheran Church  
 1035 Carol Lane Lafayette

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## August Meeting Features Transmitter Hunting with Rich Harrington, KN6FW

The speaker for our next meeting is Rich Harrington, KN6FW. Rich will talk about fox hunting, also known as transmitter hunting or radio direction finding (RDF). But this won't be a slide presentation. Rich will bring his RDF gear and he will show us how it is done. Rich has years of experience building and deploying RDF equipment. This is a great opportunity to learn RDF from an expert .

— Dale McIntire, AD6HD, Vice President



KN6FW on RDF missions, while mobile and on foot.

**The next Amateur Radio Technician License Class** is scheduled for Salvation Army Fireside Room at 3950 Clayton Road in Concord.

Session 1 9-01-10  
Session 2 9-08-10  
Session 3 9-15-10  
Session 4 9-22-10  
Session 5 9-29-10  
Session 6 10-06-10

To sign up email [HamRadioClass@gmail.com](mailto:HamRadioClass@gmail.com)

**PACIFICON VE testing is Friday October 15, 2010.**

## August is National Catfish Month !



### Amateur Radio Publications Now on Sale at Monthly Club Meetings

Our club initiated a new member service at last month's meeting with a table of amateur radio publications chosen to meet the interests of its members from the newest licensee to the most seasoned operator. The available publications cover a broad range of interests including ARRL emergency communication publications, repeater directories, license class manuals and the ARRL *Handbook*. Our club has negotiated prices for these publications to save members money. Purchases of the publications may be made with cash or check. Plan to stop by the table of publications on display at the next club meeting.

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**Mount Diablo Amateur Radio Club W6CX**  
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*The Carrier* is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

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Jim Siemons AF6PU

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Public Service - Pete Harris KE6ZIW  
Field Day Chairs - Lauren Styles WA6CIE and  
Elizabeth Styles KG6HLV  
School Liaisons - Jim Siemons AF6PU and Misa Siemons KJ6BUE  
Communications Trailer - Brent Morgan AF6HQ  
Amateur Television Help and Information:  
John Schuler W6DTV [JOHNQRZ@aol.com](mailto:JOHNQRZ@aol.com)

ALL MEMBERS ARE INVITED TO JOIN THE CLUB YAHOO GROUP. DOWNLOAD FILES, INCLUDING *THE CARRIER* IN FULL COLOR AS WELL AS SHARE INFORMATION WITH THE MEMBERSHIP AT:

<http://groups.yahoo.com/group/mdarc>

## *FCC to Allow Government Drills Without a Waiver as of September 3, 2010*

On July 14, 2010, the FCC released a Report and Order that amended the Amateur Radio Rules stating that government entities sponsoring disaster and emergency drills will no longer need to apply for a waiver to hold these drills. Additionally, employees who wish to participate in non-government-sponsored drills and exercises may do so under certain conditions. In the August 4th edition of the *Federal Register*, the FCC issued a summary of the R&O entitled *Amendment of the Commission's Rules Regarding Amateur Radio Service Communications During Government Disaster Drills* -- noting that the effective date of these new rules will be September 3, 2010. The amended Title 47 Code of Federal Regulations Section 97.113 as published in the *Federal Register* appears as follows:

### **Final Rules**

■ For the reasons discussed in the preamble, the Federal Communications Commission amends 47 CFR part 97 as follows:

### **PART 97—AMATEUR RADIO SERVICE**

■ 1. The authority citation for part 97 continues to read as follows:

**Authority:** 48 Stat. 1066, 1082, as amended; 47 U.S.C. 154, 303. Interpret or apply 48 Stat. 1064–1068, 1081–1105, as amended; 47 U.S.C. 151–155, 301–609, unless otherwise noted.

■ 2. Section 97.113 is amended by revising paragraph (a)(3), redesignating paragraphs (c) and (d) as new paragraphs (a)(3)(iii) and (a)(3)(iv) respectively, and redesignating paragraphs (e) and (f) as (c) and (d) respectively, to read as follows:

#### **§ 97.113 Prohibited transmissions.**

(a) \* \* \*

(3) Communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer, with the following exceptions:

(i) A station licensee or control station operator may participate on behalf of an employer in an emergency preparedness or disaster readiness test or drill, limited to the duration and scope of such test or drill, and operational testing immediately prior to such test or drill.

Tests or drills that are not government-sponsored are limited to a total time of one hour per week; except that no more than twice in any calendar year, they may be conducted for a period not to exceed 72 hours.

### **Excerpts from the Commission's R&O:**

“...as evidenced by recent waiver requests, state and local government public safety agencies, hospitals and other entities concerned with the health and safety of citizens appear to be limited in their ability to conduct disaster and emergency preparedness drills, because of the employee status of the amateur radio licensees involved in the training exercises. The Commission therefore amends its rules to permit amateur radio operators to participate in government-sponsored emergency and disaster preparedness drills and tests, regardless of whether the operators are employees of the entities participating in the drill or test. The Commission finds that extending the authority to operate such stations during drills will enhance emergency preparedness and response and thus serve the public interest.

“The Commission’s decision reflects the practical reality that a large number of agencies and organizations at the state and local levels coordinate with their local volunteer amateur radio operators to conduct emergency drills and exercises in concert with other modes of communication, such as land mobile radio. This integrative activity is essential to allow for a practiced response on the part of the first responder community in the event of an emergency. Because some of those drills and exercises include transmission of amateur communications by employees of participating entities, this rule amendment will support the Commission’s ongoing emergency preparedness and response priorities and is therefore consistent with the public interest.”



## July 16, 2010 MDARC Club Meeting Minutes

Meeting opened at 7:30 PM by President K3ZJJ. The business meeting was started following the salute to our American Flag.

Jim Mehan gave a few brief comments about his DX honeymoon in Northern Norway.

Dick (KT6X) announced that the testing for the evening was successful with at least 3 new extra class licenses, 2 general and 2 technician. However, the testing was still underway at the time.

Lauren (WA6CIE) announced the Field Day event was very successful but they had a few of the usual problems.

- Lauren had to take defensive action because two of the local roosters tried to take over the station. With the help of his wife he was able to beat back the intruders.

- The generator had some issues.

- One prominent member ran over the coax with his car.

The band Captains were Jim AF6PU (15-20), Larry WW6USA, Lauren (20-10) and Trevor Raty KG6MDW (VHF/UHF). The totals for the bands were not completed yet. K6QYO provided live music for the event. The Walnut Creek Parks officials were very pleased with the way we handled the event and Lauren expects to arrange to have it there next year sans the roosters.

Charles, KI6DCD, encouraged everyone to become part of the new Fox Hunting Event every Thursday evening. He displayed some of the tools that helped find the Fox last Thursday in record time. He recommended that we team up with someone that has done it before.

The Nominating Committee for next years officers has been announced. It is being lead by Jay, KT6Y. Filling out the committee is Ron, K6XC and Jim, AF6PU. They will present their nominations in September.

Bill Ryan, KJ6IGX, discussed his efforts as part of our Education Committee to recruit young hams particularly girls. In addition he is organizing a group of people to go this years' Burning Man event in the desert. He pointed out that if one is to be part of this event, he must plan to be completely self-sustaining. There are no stores nearby and really no place to spend any money. He hopes to arrange for some form of cooling system to insure no one experiences heat exhaustion.

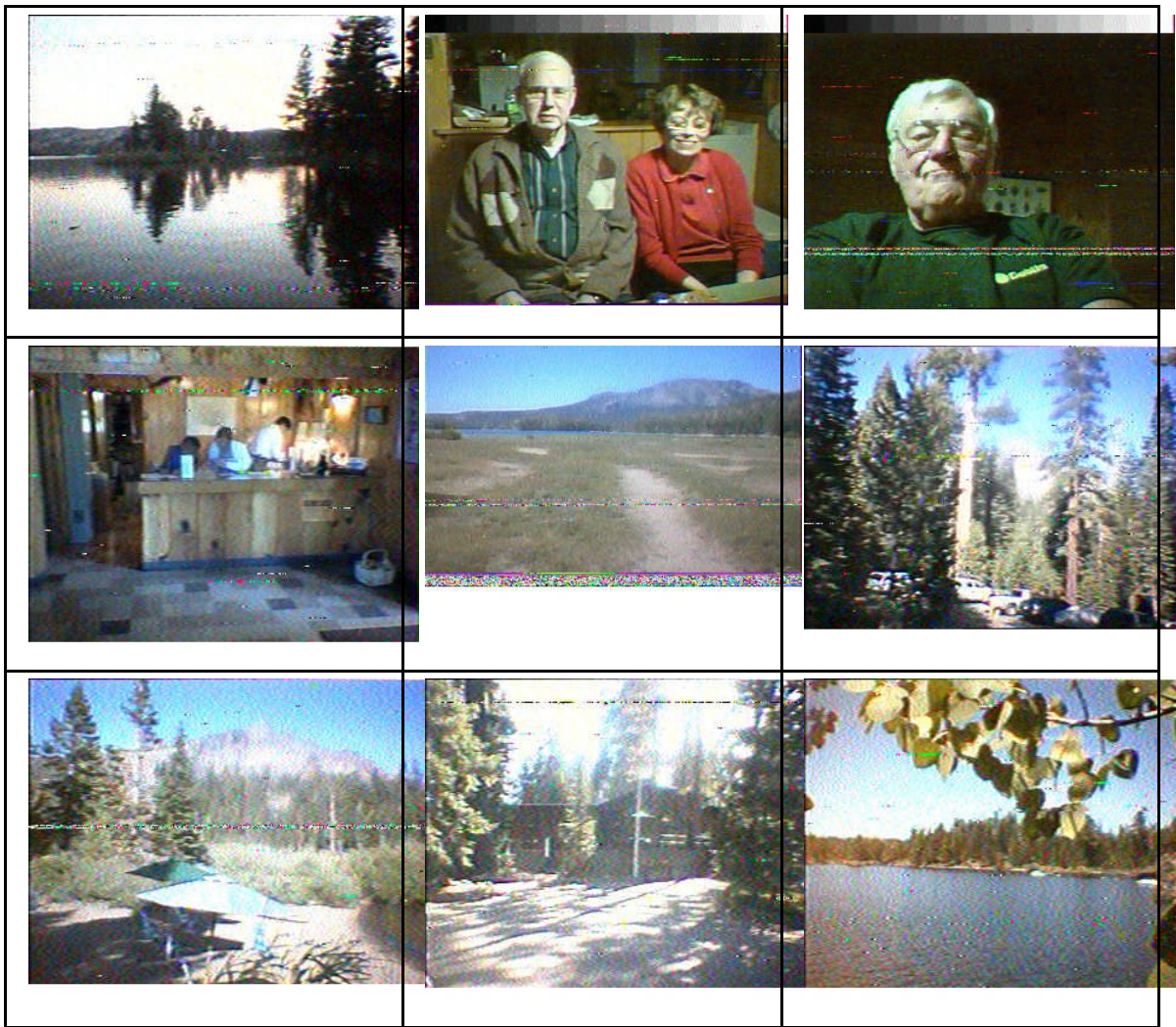
Lauren, WA6CIE, announced the new tech classes with start September 1 from 7-9 PM each week leading up to PACFICON the third week of October where each participant will be encouraged to take the FCC exam.

Submitted by Dick Brown, KT6X

# **MDARC BOARD MEETING MINUTES - August 9, 2010**

Text was not received by press time.

# Slow Scan Television Transmitted Via FM Repeater From Silver Lake, California on August 5, 2010 by K3ZJJ



These SSTV pictures were transmitted from President John Ronan, K3ZJJ, at Silver Lake, California to John Schuler, W6DTV in Livermore via the N6ICW 147.195 FM repeater in Vacaville. W6DTV then re-transmitted the pictures in real time as received through the W6CX ATV repeater and through streaming video at [www.w6cxatv.net/live](http://www.w6cxatv.net/live). The pictures are untouched and shown as received.

Since 1995, K3ZJJ has spent two weeks a year hiking from Kit Carson Lodge on Silver Lake [shown above] with old friends Ralph and Ardiene Quinn [also pictured above in their cabin].

The pictures of the Quinns and K3ZJJ shown on the top row were taken live. The rest were taken on site and saved on the memory. - - - K3ZJJ

# HAM RADIO OUTLET

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### HRO - 12 LOCATIONS TO SERVE YOU

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### HRO Store Contact Information

Store	E-mail	Direct	Toll Free	Fax
Anaheim, CA	ana@hamradio.com	1-714-533-7373	1-800-854-6046	1-714-533-9485
Atlanta, GA	atl@hamradio.com	1-770-263-0700	1-800-444-7927	1-770-263-9548
Burbank, CA	bnk@hamradio.com	1-818-842-1786	1-800-854-6046	1-818-842-5283
Denver, CO	co@hamradio.com	1-303-745-7373	1-800-444-9476	1-303-745-7394
Newcastle, DE	del@hamradio.com	1-302-322-7092	1-800-644-4476	1-302-322-8808
Oakland, CA	oak@hamradio.com	1-510-534-5757	1-800-854-6046	1-510-534-0729
Phoenix, AZ	px@hamradio.com	1-602-242-3515	1-800-444-9476	1-602-395-1244
Portland, OR	or@hamradio.com	1-503-598-0555	1-800-854-6046	1-503-684-0469
Salem, NH	nh@hamradio.com	1-603-898-3750	1-800-444-0047	1-603-898-1041
San Diego, CA	sd@hamradio.com	1-858-560-4900	1-800-854-6046	1-858-560-1705
Sunnyvale, CA	sun@hamradio.com	1-408-736-9496	1-800-854-6046	1-408-736-9499
Woodbridge, VA	va@hamradio.com	1-703-643-1063	1-800-444-4799	1-703-494-3679

## W6CX Nets

Monday 7:00 pm Washington High School Net 147.060+

Monday 8:00 pm SATURN Net 147.060+

Thursday 7:30 pm MDARC Club Net 147.060+

Thursday 8:00 pm General ATV Net 1241.250+

Tuesday 7:30pm Fat City 10 meter SSB/CW Net 28.420 MHz

FM 147.060 MHz + / PL 100Hz - EchoLink: W6CX-R /133896, IRLP: 3057  
224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz

ATV Input: 1289.25 MHz AM/FM. Outputs 1241.25 MHz AM 919.25 MHz AM

ATV Internet Stream: <http://www.w6cxatv.net/live>

## Contra Costa County Emergency Communications Nets

Every Thursday, 7:00 pm

Central County 145.680 Simplex

East County 146.535 Simplex

South County 146.355/+ (100 PL)

West County 145.110/- (107.3 PL)

HF Net 8pm First Thursday of each month 3.890 MHz LSB

### August and September 2010 Club Calendar

- |                                  |         |  |
|----------------------------------|---------|--|
| Friday August 20, 2010           | 7:30 pm | MDARC General Meeting<br><i>Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette</i>  |
| Saturday September 4, 2010       | 9:00 am | MDARC Technical Committee<br><i>Environmental Center, 2581 Harbor Street, Pittsburg</i>  |
| <b>Monday September 13, 2010</b> | 7:00 pm | MDARC Board Meeting <b>*NOTE DATE CHANGE TO SECOND MONDAY*</b><br><i>Buttercup Bar &amp; Grill 660 Ygnacio Valley Rd, Walnut Creek</i> |
| Friday September 17, 2010        | 7:30 pm | MDARC General Meeting,<br><i>Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette</i>   |



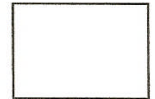
### The Carrier

Newsletter of the Mt. Diablo Amateur Radio Club

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[www.mdarc.org](http://www.mdarc.org)



FCC Rule Changes  
Enhance Public Service !

## FIRST CLASS