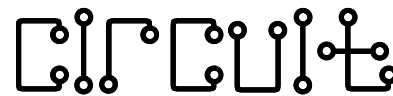


The El Dorado County



Newsletter of the El Dorado County Amateur Radio Club

June, 2016, Vol.10, No. 6

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For Sale

June Meeting

**Saturday
June 25th
5:00 PM**

**The Field Day Site
(see page 4)**

Submitting Material to the Circuit

Material may be submitted for publication by sending it directly to the editor. This can be done by US Mail, or via the Internet (preferred). The deadline for each issue is the **Thursday**, one week before the monthly meeting.

by mail
Bob Hess, W1RH
5020 Glory View Drive
Placerville, CA
95667

FROM THE PRESIDENT

I hope this message finds all of you well and Happy.

I am looking forward to our annual Field Day event this week and have been preparing for it for a month or more now. For a while I thought that health problems I was having were going to keep me on the sidelines, but they have now subsided and I feel great.

I know that Dave has been very busy working on the coordinating this event for which I extend my thanks. My tennis ball antenna launcher project is complete and I hope to put it to good use with mine and anyone else's wire antenna deployment.

A new feature this year will be a hand washing station to go with the porta-potty rental. One thing I always seem to have trouble with while camping is keeping my hands clean, so I am looking forward to having this facility available.

One last thought: Don't forget your fire permits! I got mine off of the Cal Fire website in a fairly painless session.

73 to all, and hope to see you all at Field Day this weekend.

73,

AF6ND

THE AG6AU REPEATERS

YOUR DONATION TO THE REPEATER FUND WILL KEEP US COMMUNICATING!!
IRLP Node 7195 and the AG6AU-R Echolink 668182 node are available for use on the 440 and 2 meter repeaters. Autopatch available on 2/440 repeaters

BAND	FREQUENCY	PL
6 Meters	52.78 MHz	107.2 Hz
2 Meters (local EDH)	147.975 MHz	82.5 Hz
2 Meters (wide area)	147.825 MHz	82.5 Hz
1.25 Meters	224.06 MHz	127.3 Hz
70 Centimeters	441.725 MHz	82.5 Hz
33 Centimeters	927.2375 MHz	127.3 Hz
33 Centimeters	927.2750 MHz	127.3 Hz

EDCARC MEETING MINUTES

May 26, 2016

Jordan, WC6J

BOD meeting started at 1845

Attendees:

Don AF6ND

Don KG6YST

Vern K6DN

Jordan WC6J

New Business:

Discussion about the board not having the last three months of treasurer's reports and the necessity to make financial reports to the membership Don AF6ND, will make an appeal to the general meeting to see if anyone would be available to take over the treasurer's position on the board.

Don AF6ND will contact the church regarding booking the Christmas party for January 14th.

Treasurer's report not available.

BOD adjourned at 19:05

General Meeting

Rick WA6NHC proposed that the club buy an antenna launcher. Other members expressed interest in having a club "build party" where others could make their own antenna launchers. Jordan WC6J, will research the cost of sourcing materials for the launcher and will report back to the club during the July meeting.

Nancy KG6PNP volunteered to takeover the treasurer's position if our current treasurer is unable to continue with the position.

Presentation:

Bob W1RH presented the HFTA terrain analyses program for finding the optimum antenna height based on band and terrain. Bob used this program to demonstrate the best antenna heights for our Field Day location. Bob also showed slides from his recent visit to the Dayton Hamvention.

THE EL DORADO COUNTY ARES NET

**Net Control: KE6GLA
8:30 PM**

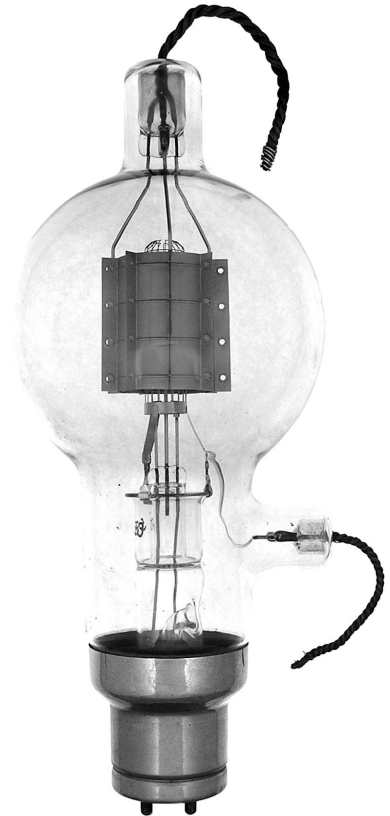
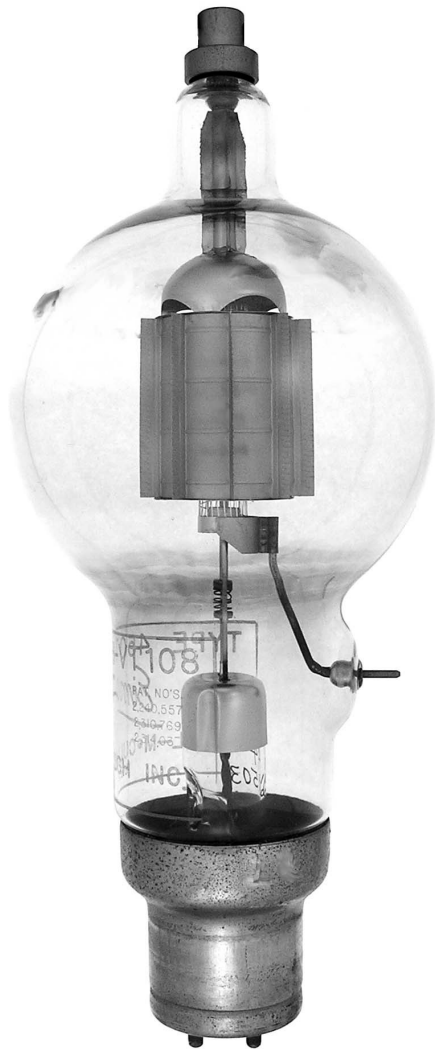
**EVERY MONDAY
52.78 (107.2)
147.825 (82.5)
147.975 (82.5)
441.725 (82.5)
927.27 (127.3)**

Tube of the Month
Norm, N6JV
Visit the Museum at n6jv.com

The 300T/450T

About the time I passed my novice test in 1959, my father picked up a copy of the ARRL Handbook for me in Fresno. I wore that book out. I was especially interested in the advertisements. I was totally ignorant of all the parts and tubes that were available. Like many other kids, I started sending off for all the company's free brochures. I found an ad for an interesting tube made by Eimac, but couldn't find any info. I wrote a note to Eimac and never expected to get a reply. I actually received a note from Bill Orr, W6SAI, at Eimac and he informed me that the tube I was interest-

ed in was useless for ham work, but it was made in WWII and they didn't have an example in their collection. I was glad to pass the information along. In a few weeks I was surprised to receive a big box in the mail. It was a used 450TH triode for "my rig" from Orr. After 56 years I still have it. A bit large for my novice 75 watt rig.



Many years later, I learned more about this family of tubes. In 1936 Eimac developed a larger version of their popular 150T tube. It was designated the 300T. It seems that Eimac was willing to make special versions of this tube as there are examples with flexible leads instead of caps. Eventually it was re-named the 450T with the "Hi" and "Lo" versions. During WWII, the designations 450TH and TL were first used. The 450TH was very popular with hams and the maritime industry. I have seen several of the Mackay transmitters that used the 450TH and W6AM had a few of these rigs for his contest station.

The first tube is a 300T with flex leads and the second is a later 450TH.

**El Dorado County Amateur Radio Club
AG6AU
June 25-26 2016**

Coordinator: Dave, K6KNS

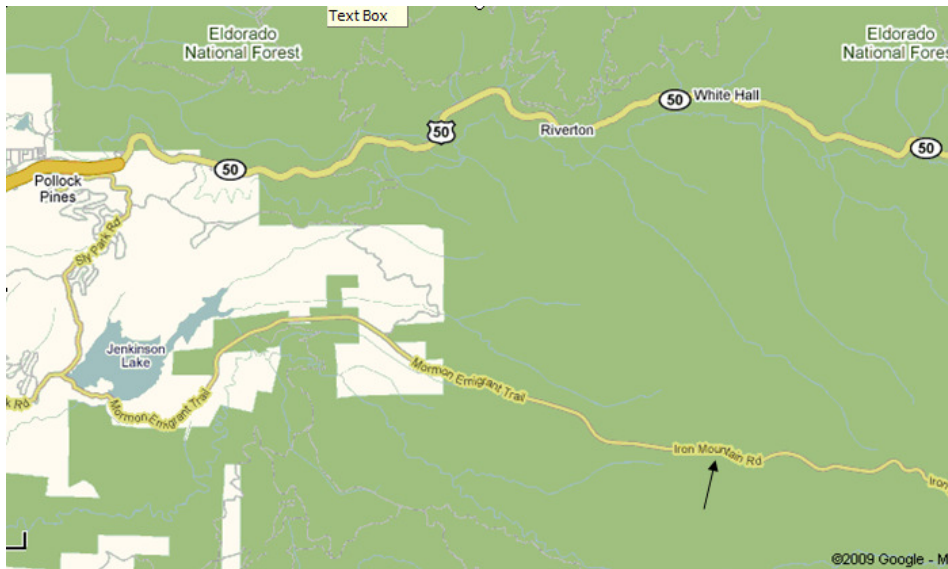
FIELD DAY SITE LOCATION INFORMATION

Location: N38.66705° W120.29147° Elevation 6600' on Mormon Emigrant Trail.

The Field Day Site is approximately 23 miles from Pollock Pines.

From the Safeway parking lot in Pollock Pines it is 4 miles south on Sly Park Road. After 4 miles with the Jenkinson Reservoir on your left, simply turn left (east southeast) at the 'T' intersection onto Mormon Emigrant Trail (AKA County Road 16 or NF Road 5). Then drive 18 miles straight uphill to the site; there will be a sign marking FIELD DAY.

Additional information:



The Field Day Site is about 6.5 miles west of Hwy 88 and 2.4 miles west of the Silver Fork Rd. For those who care, the site is a proximately 17 miles by air from Pollock Pines and 2.5 miles by air from the Leek Springs Lookout.

ARRL Field Day is not a fully adjudicated contest, which explains much of its popularity. It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, most groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to

local elected community leaders, key individuals with the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

Please bring a dish to share for the pot luck dinner.

Bring a chair and your own drinks.

There is no running water on site but we will have a porta-potty and hand wash station.

Raffle prizes at the FD meeting are rumored to be good stuff! (Solar Panel/Charger, 2 meter mobile, and more)

OPTIMUM ANTENNA HEIGHTS FOR OUR FIELD DAY SITE

10 METERS = 35 FEET

15 METERS = 40 FEET

20 METERS = 60 FEET

40 METERS = 65 FEET

80 METERS = 90 FEET

**HAM RADIO
LICENSING TESTING**



**July 9th, 2016
9:00 AM**

**THE AMERICAN
LEGION
POST 119**

**4561 GREENSTONE Rd.
PLACERVILLE, CA 95667**

**FEES ARE \$14.00
(Subject to change)**

**CONTACT:
KEN VOGELE, W6KWV
530-642-9523**



I have for sale: All items were purchased new. Non smoking Environment.
Many items have original manuals

PRICE: What ever you feel is a fair price that you would pay if item was at a swap meet. I don't want to haggle over price. My associations with my fellow hams over the years has led me to believe that you are a honest trustworthy group. I do want cash only however. Don't want to deal with checks. Items are at my house and all work as far as I know, but you can test the here. Call me, if you plan to come, I am really busy trying to get ready to move. Phone 530 644-5952 address 6124 Ridgeway Drive Pollock Pines Jerry Ranger K6GER

Icom 706 MKIIG and matching tuner Icom AT-180
Astron SS-30M power supply

2-Kenwood D700A trancievers

MFJ 269 Ant Analazer

Davis Vantage Pro wired Weather station with data logger, rain collector heater, fan shield

Rig expert

Kantronics KPC-3 Plus Packet communicator

Par Electric OA 144 antenna

Par Electric OA 50 antenna

Par Electric SK 144

10-80 Meters wire dipole G5RV

10-160 Meters wire dipole

Misc speakers

Buddipole portable

Lots of coax various lengths and grades

Lots of misc tools, parts etc

First Class Postage

Post Office
Will Not
Deliver
Without
Proper
Postage

El Dorado County Amateur Radio Club
PO Box 451
Placerville, CA 95667

Club Information 2016

President	Don McCallum	AF6ND		mcchalium@gmail.com
Vice President	Don Brooks	KG6YST		drbjfb@yahoo.com
Treasurer	Jeremiah Norrell	K6JRN		jeronthenet23@gmail.com
Secretary	Jordan Heichman	KJ6NHF		radon@jordan-h.com
Board Member	Bob LeClerc	KR6N		kr6n@comcast.net
Board Member	Verne Terwilliger	K6DN		verne.terwilliger@gmail.com
Board Member	Mark Ashurst	KJ6EUO		
Board Member	Aaron Tassin	KK6MCY		
Repeater Trustee	Bob Hess	W1RH	530-350-3843	w1rh@arrl.net
Newsletter Editor	Bob Hess	W1RH	530-350-3843	w1rh@arrl.net
Webmaster	Jay Harmor	KE6GLA		jharmor@comcast.net

- ◆ Meeting: Club meetings are normally held on the 4th Thursday of each month (except for June and November), 7:15 PM, at the Federated Church, 1031 Thompson Way, Placerville
- ◆ Club Nets: Tuesday evenings, 8:00 PM, on the AG6AU repeater, 147.825 MHz / 441.725 MHz / 52.78 MHz / 927.275
- ◆ Mailing Address: El Dorado County ARC, P.O. Box 451, Placerville, CA 95667