



June 2, 2014



Meeting Agenda

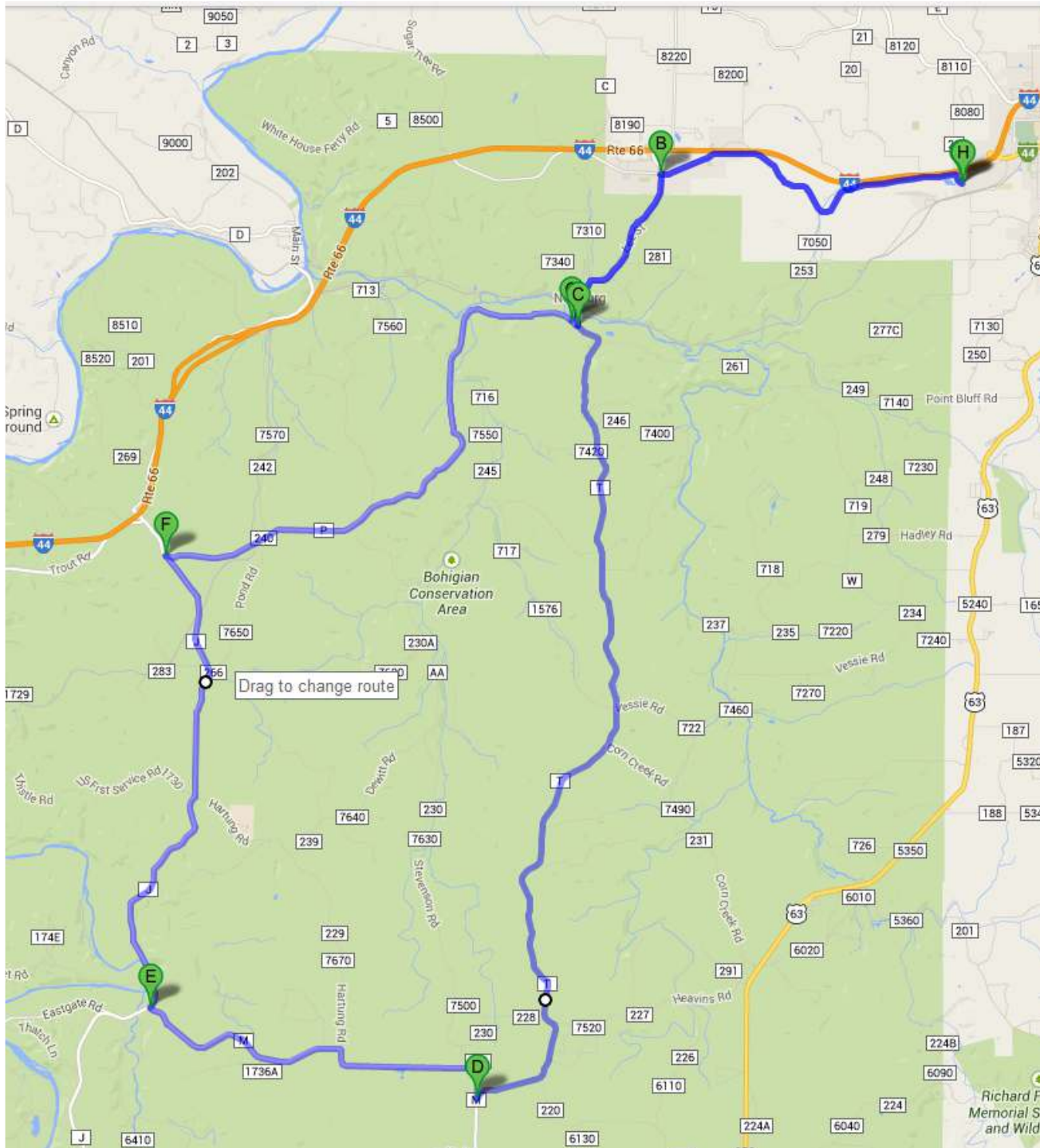
- Welcome-Visitors and Members
 - Introductions
- Recognition
 - Hellbender
- Business/ Announcements-
 - Hellbender
 - KB9ZBO equipment
 - Boy Scout Counselor
 - Field Day
 - Test Session
- New business?
- ARRL Quiz
- Next Meeting- Jul 7

A photograph of a large, dark, elongated hellbender (Cryptobranchus alleganiensis) resting on a bed of smooth, reddish-brown and tan river stones. The hellbender is positioned diagonally across the frame, with its head towards the upper left and its tail towards the lower right. The water is shallow and clear, reflecting the light. The text "Hellbender 2014" is overlaid in large, bold, black font at the top of the image.

Hellbender 2014

RRARS Communications Support

June 1, 2014



**Overview of
The Course:**

**Net Control @ Rolla
Steve Miller
Ann Miller
Clinton**

**Newburg:
Russell Matrow**

**Flat:
Shawn Bleiler**

**Crossroads:
Mike Gosnell**

**Roaming Medical:
Gary Taggart**

**Photos from Race Headquarter (Columbia College @ Blues Parkway in Rolla)
(Steve and Ann Miller)**



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**Photos from Greater Newburg (Intersection of P and T)
(Russel Matrow)**



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**Photos from Flat (Intersection of T and M)
(Shawn Bleiler)**



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**Photos from Crossroads (Intersection of M and J)
(Mike Gosnell)**



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Recognition

2014 Hellbender- Thanks to:

Shawn KD0DMJ-	RRARS coordinator (and Flat checkpoint)
Gary KF0TW-	Mobile Medical Unit
Russell KD0OWE-	Greater Newburg checkpoint
Mike KD0TEA-	Spring Creek checkpoint
Ann KD0JNI-	Start/Finish
Steve N6RHQ-	HQ Net Control

The Race Organizers and Officials were very appreciative of our help and ability to keep them informed.
THANK YOU TO ALL WHO HELPED!!



Announcements

KB9ZB0 Equipment

From Peter N0XZN and Dave KC0AES-

Tom KB9ZB0 Jerris' family asked that RRARS try to sell his Ham gear.

The major, modern radios include, three HTs, an Icom 706 MKIIG, and a RadioShack 10 m mobile. There are lots of accessories and older test equipment. And did I mention some 11 m equipment?

Peter has suggested that RRARS club members have first access to equipment. Pictures will be posted on RRARS.org



Announcements

We're Looking for Hams to serve as Radio Merit Badge Counsellors!

What will it involve?

The club is proposing that we open up our meeting's social hour to mentor youth working on their radio merit badge. A session will be held from 3-5pm on Saturday at Field Day as well.

What do we need?

RRARS members who can be available periodically during the social hour to talk with scouts. If we get enough participation, we can safely ensure that someone will be available if they come to our meetings.



Announcements

What are the BSA requirements?

The radio merit badge requirements and training materials are available at:

http://www.scouting.org/jota/radio_merit_badge.aspx

To participate, adults will need to submit an original signed Adult Application:

<http://www.scouting.org/filestore/pdf/524-501.pdf>

And Complete the Youth Protection Online Training:

<http://www.scouting.org/Training/youthprotection.aspx>

APPLICATION FEES ARE WAIVED FOR MERIT BADGE COUNSELLORS!

Applications can be returned to Shawn Bleiler (KD0DMJ) or the Rolla Scout Shop on Pine Street!

Mtg Note: 7 folks were interested and Shawn will bring forms to FD



Announcements

FIELD DAY is June 28, 29





Announcements

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- Lion's Club Park
- Station Stewards
 - Digi- K0OG
 - SSB- KD0OWE
 - PIO- KD0DMJ
 - BBQ- KD0JNI

PIO= public
information officer



No CW station this year-

Meeting note- we may or may not- stand
by- if not, will have extra SSB station.



Announcements

FIELD DAY is June 28, 29

➤ SATURDAY

- 9 am Station set-up
- 1 pm *On-Air Operations Start*
- 3 pm Test Session K0OG
- 4 pm BBQ KD0JNI (sign up)
- 10 pm Gate Locked

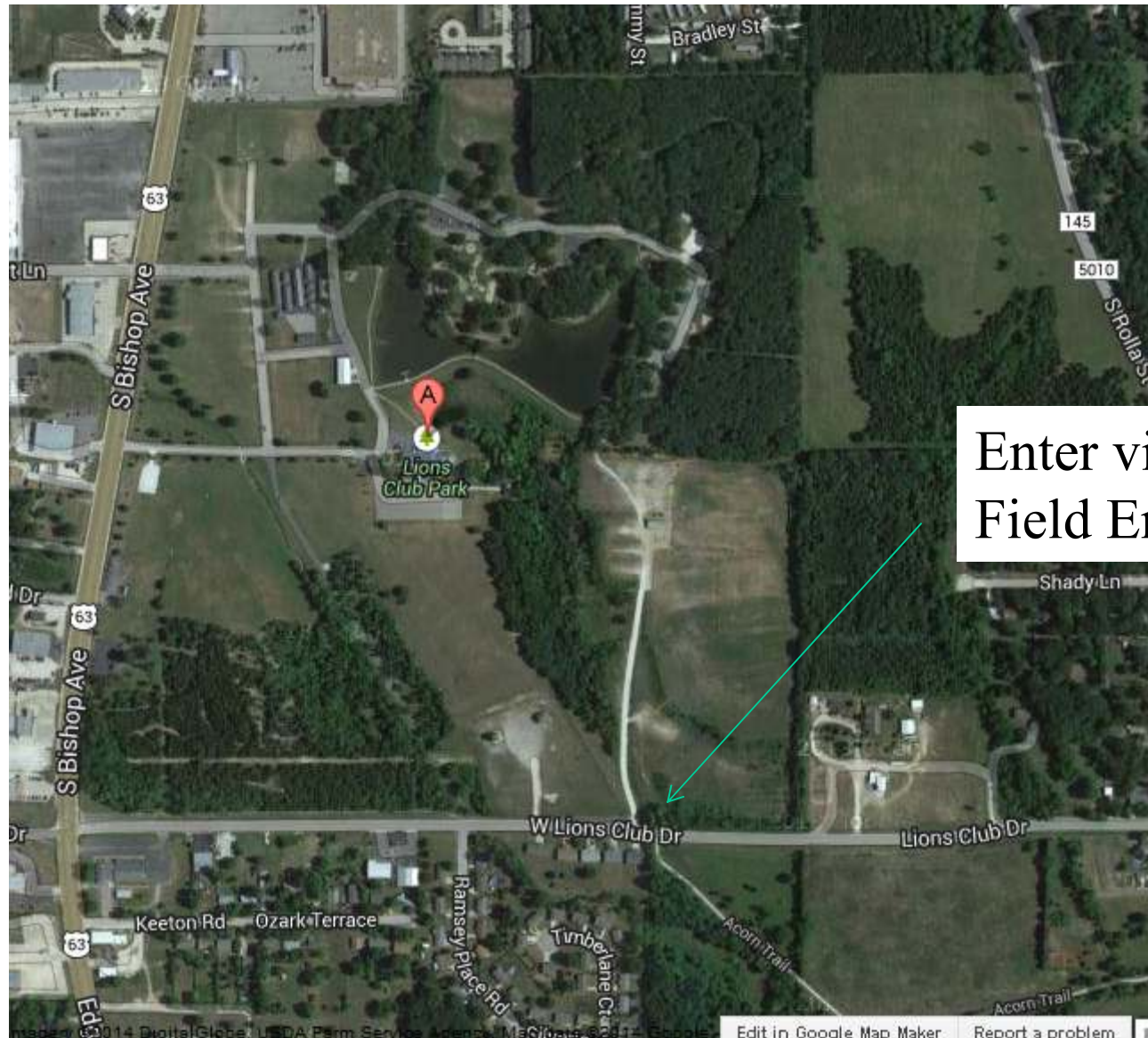
➤ SUNDAY

- 6 am Gate Unlocked
- 1 pm Station take-down



Announcements FIELD DAY Normal Entrance Closed!!

I
M
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Enter via Soccer
Field Entrance



Calendar/ Events/ Ideas 2014

January

February

March

Spotter Training (cancelled)

Test Session

April

Joint Mtg w/ LARC MO QSO Party

May

Test Session

June

Hellbender

Field Day

Test Session

July

August

(possible Fox Hunt?- check interest next mtg)

September

Saint to Saint

Test Session

October

Repeater work day, W1AW/0

November

Ozark Trails 100

December

Test Session

Other ideas:

Bryan KD0GYL suggested investigating a digital network that has amateur allocations.

William KD0NUI- Foxhunt



Announcements

New business, Announcements, Ideas....

Mtg note: K0OG informed the club that the digipeater did not survive the power cycling at the University. W0EEE is supposed to pick up the station but as of now, has not. Still area coverage from other stations.

Mtg note: 2 folks expressed interest in Fox Hunt and Jeff volunteered to coordinate- on hold to see if we have higher participation.



Amateur Radio Quiz-

“No Guessing”

Winner was Jeff KD0JLM. Questions and answers at end of meeting notes.



Next meeting: July 7

(Meeting notes are posted on RRARS.org)



Amateur Radio Quiz-

1. Where would you tune for a signal that has the same numeric value of frequency in MHz and wavelength in meters?
2. In Hawaii, KH6, to which of the continents does the antenna always point, no matter what the rotator control box says?
3. Which DXCC entity gives its name to a popular item of men's summer clothing?
4. On what holiday does the ARRL's Straight Key Night occur?
5. Who invented the first multi-band dipole antenna to use tuned traps?
6. Which two metals were used to make the first battery?
7. From what country was the first European to make a two-way contact with US hams?
8. Which circuit and structure have the same name?
9. If three known-value resistors are connected in series, how many measurements does it take to determine the power dissipation of all three?
10. What does the abbreviation WARC stand for?

Bonus Question: When movie character Rick Blaine says to Ilsa Lund "We'll always have Paris," in what DXCC entity is he standing?

-From W Silver N0AX



Amateur Radio Quiz-

Answers:

1. 17.320508 MHz = 17.320508 meters
2. Africa, in which lies the antipode to KH6.
3. VP9, Bermuda and the famous “Bermuda shorts.”
4. New Year’s Eve
5. W3DZZ
6. Volta used zinc and copper
7. France -- the station was owned by Leon Deloy, 8AB
8. The bridge
9. The simplest method is to measure the voltage across each resistor and compute power as $E(\text{squared})/R$. The minimum number of measurements required is just one -- measure the current through the series circuit and use $I(\text{squared}) \times R$. (*Thanks to Ed Hare, WIRFI, for the update*)
10. World Administrative Radio Conference

Bonus Answer: Casablanca, a city in what was then French Morocco (CN), now Morocco.

-From W Silver N0AX