



November 3, 2014



Meeting Agenda

- Welcome-Visitors and Members
 - Introductions
- Recognition
 - Repeater work day
 - Ozark Trails 100
- New Business/ Announcements/ Calendar-
 - Test Session
 - Club Leadership 2015/ Nominations
 - Calendar
- ARRL Quiz-
- Next Meeting- Dec 1



Repeater Work Day 2014



Louis AI0LM defoliating the planet with DR Brushhog



Repeater Work Day 2014



Roger KD0WQW clearing mines for fellow Hams



Repeater Work Day 2014



Steve N6RHQ- better living through chemistry



Repeater Work Day 2014



Hancock Repeater Steward Shawn KD0DMJ with
Louis AI0LM- keeping the electrons at ground potential



Repeater Work Day 2014



Battery Maintenance: Steve N6RHQ adding DI water to cells



Repeater Work Day 2014



Hancock Repeater: Top Secret Control Room



Repeater Work Day 2014



Roger KD0WQW and Louis AI0LM say hello BBQ!!



Repeater Work Day 2014



Thanks- Selfie- Ron NA0Q, Steve N6RHQ, Shawn KD0DMJ
Roger KD0WQW, Louis AI0LM (busy eating brats)



Repeater Work Day 2014



Little Shack on the Prairie



Repeater Work Day 2014

Repeater Work Day 2014:

Brush clean-up

Tree pruning and removal

Wasp wars

Building structure repair

Deep cycle battery maintenance

Repeater killer installation

Clean up shack

Repair ground straps

Power poles and fuses





Ozark Trail 100 Mile Endurance Run



Thanks to:

Ron Chinn NA0Q

Peggy McCampbell KD0MAL

Josiah McCampbell KD0FCW

Fairlight McCampbell KD0FCV

Samuel McCampbell KD0JSH

Joe Counsil K0OG

Peter Price N0XZN

Peter Freeman K6RFT

Louis McCarthy AI0LM

Russell Matrow KD0OWE

Roger Campbell KD0WQW

Ann Miller KD0JNI/ Steve N6RHQ

Gary Taggart KF0TW

Mike Gosnell KD0TEA

Sterling Coffey N0SSC

Bryan Campbell KD0GYL



OT 100



Mike KD0TEA and Josiah KC0FCW operate net control at Race HQ. 5 element beam on 50' tower helps get out of the Bass River Resort hole.





OT 100



Net control mast and guy wire installation at HQ



OT 100



Net Control gets a little crazy during
the wee hours of the night

OT 100



Pigeon Roost 10 aid station operators Joe K0OG and Peter N0XZN enjoy the Ozarks.



OT 100



Pigeon Roost Aid Station set up by day.



OT 100



Pigeon Roost Aid Station in action at night.



OT 100



Peter N0XZN keeps the aid station fire going to warm the snowman.





OT 100



The station setup at PR10. As it turned out, packet did not work due to problems at net control, but we did occasionally chat with Berryman-11 (Steve, N6RHQ) via packet. We ended up running the whole PR10 operation via voice using an HT with a hand-mic, a 2m vertical up in a tree, and the tape-measure beam.



OT 100



Russell KD0OWE and Roger KD0WQW at Berryman 11



OT 100



Steve N6RHQ at Ice Station Zebra- cup of hot coffee good in sub freezing temps.





OT 100



Berryman 11 installation: dual band antenna, FT-8800R running voice and packet, laptop, deep cell battery, spare 2m radio on pie plate antenna, propane heater!



OT 100



Berryman 11 Aid Station in action! - hot chocolate, Pirogi, grilled cheese sandwich, Ramin, hot potatoes and an assortment of chips, candy, sandwiches, coffee or Berryman mochachino!



Ozark Trail 100 Mile Endurance Run



Other comments?

Suggestions/ improvements?

Thanks again to all and special thanks to Peggy KD0MAL for another outstanding job organizing the entire radio adventure- SUPER JOB!!

Several good ideas on potential network access, desense issues, packet- Peggy has formed a google group for those interested



RRARS 2015 Leadership

- November- *****
 - Nominations for Board Members, President
- December
 - Elections
- January
 - Results
- February
 - Board meeting, approval of officers



RRARS 2015 Leadership

Board of Directors:

Name	Call	Term End
Peter Price	N0XZN	2014* (term ending)
Ron Chinn	NA0Q	2014* (term ending)
Al Kimrey	N0JQX	2015
Jeff McKune	KD0JLM	2015
Louis McCarthy	AI0LM	2016
Dave Bridges	KC0AES	2016

Presidential Board Member: Steve Miller N6RHQ



RRARS 2015 Leadership

Nominations for Board

Peter Price N0XZN, Steve Miller N6RHQ

Nominations for President

Louis McCarthy AI0LM

Voting will be in December, write ins are allowed

ANYONE interested in self nominating..please let Steve N6RHQ or Dave KCOAES know of interest.



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

Rest

August

(possible Fox Hunt- 6 hams expressed interest)

September

Test Session 9/13, Fox Hunt 9/20, Adventure Race

October

Repeater work day Oct 11, W1AW/0

November

Ozark Trails 100

Test Session 11/8!

December

Club Elections

Other ideas:

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

William KD0NUI- Foxhunt



Announcements

New business, Announcements, Ideas....

Reminders:

Test Session this Saturday 11/8

Nixa Hamfest this Saturday 11/8

Get your dues in for 2015 so your vote counts

Voting at December's meeting- have until start of January's meeting to tender your vote.



Quiz- Cell-a-bration!

By Ward Silver N0AX

- 1) What fossil material can be used to generate static electricity?
 - a. Copolyte
 - b. Lodestone
 - c. Amber
 - d. Coal
- 2) What animal contributed to Galvani's discovery of electrophysiology?
 - a. Cat
 - b. Frog
 - c. Electric Eel
 - d. Cow
- 3) Which World War II device depended on a miniature battery?
 - a. Atomic bomb
 - b. Depth charge
 - c. Heliograph
 - d. Proximity fuse
- 4) What was the original name of the battery company now known as Duracell?
 - a. Ray-O-Vac
 - b. Mallory
 - c. Burgess
 - d. Eveready



Quiz- Cell-a-bration!

- 5) Whose co-worker coined the terms “anode” and “cathode” to describe the electrical polarity of terminals?
- Franklin
 - Faraday
 - Davy
 - Henry
- 6) Who came up with the terms “charge” and “discharge”?
- Franklin
 - Volta
 - Priestly
 - Newton
- 7) When were the standard battery cell sizes used today, such as “D cell,” first published?
- 1919
 - 1927
 - 1941
 - 1955
- 8) A Leyden Jar is an early example of what type of electrical component?
- Vacuum tube
 - Inductor
 - Transformer
 - Capacitor



Quiz- Cell-a-bration!

- 9) What company first marketed a portable transistor radio to consumers?
- a. Sony
 - b. I.D.E.A.
 - c. Sharp
 - d. Motorola
- 10) What is the chemistry of a Planté Cell?
- a. Carbon-zinc
 - b. Lead-acid
 - c. Zinc-air
 - d. Nickel-cadmium

Bonus: For what was the original “energizer” battery designed?

Joe K0OG won bragging rights- top score on quiz



Next meeting: Dec 1

(Meeting notes are posted on RRARS.org)



Quiz

Answers

- 1) c -- When rubbed with a cloth, the surface of this non-conductive mineral could hold a charge.
 - 2) b -- Frog legs in a metal pan twitched when touched with metallic surgical instruments.
 - 3) d -- Built into the tip of artillery and anti-aircraft shells, the battery powered miniature range-finding electronics.
 - 4) b -- Its founder, P. R. Mallory, was an heir to the Mallory Line, a 19th century shipping firm.
 - 5) b -- William Whewell worked closely with Faraday and helped develop a standardized electrical terminology.
 - 6) a -- During his study of electricity, Benjamin Franklin contributed many words still in use today.
 - 7) a -- The National Bureau of Standards and representatives of the battery industry created the designations.
 - 8) d -- Invented in Leyden (or Leiden), the [Leyden Jar](#) can store a lot of energy.
 - 9) b -- Called the Regency TR-1, it contained four Texas Instruments transistors and debuted in 1954.
 - 10) b -- Gaston Planté invented the widely-used lead-acid cell in 1859
- Bonus answer:*** The first electric watch, made by the Hamilton Company.