

The Scoop News
1161 Hillview Dr.
Hastings, MI 49058



The Scoop 

Southwest Michigan Seek and Search Club

October 2024 - Edition

When: The Third Tuesday of Each Month at 7 P.M.

Who: Meetings are open to the public

Where: Kalamazoo Rod & Gun Club

7533 North Sprinkle Road, Kalamazoo, MI 49004

How: From U.S. 131 come North to D Ave. take D Ave. East to North Sprinkle (road curves right and heads south), club is .25 miles on the right from int. of D. Ave. and Sprinkle.

Or

Take U.S. 131 South to D. Ave. exit, take D. Ave. East to N. Sprinkle (directions from here same as Northbound (above)).



September 2024 - Finds of the Month

WINNER...#7 Steve U.



JEWELRY

Entries:

1. 1942 Walking Liberty Half Dollar Coin Ring – Keith P.
2. Tiny Skeleton Hand Charm w/ 3 Stones – Mike W.
3. 14K Yellow Gold Ring, 11.7 grams – Bruce W.
4. Antique Cameo Set in Brass Bezel – Rick S.
5. 10K White Gold Ring w/Green Main Stones and 20 Small Diamonds – Kerry S.
6. 10K Yellow Gold 1938 Lake Odessa Class Ring (will be returning) – Brian T.
7. **Stamped 18K White Gold (club tester said 14K), .25K Real Diamonds Hinged Bracelet – Steve U.**

WINNER...#7 Kerry S.



COIN

Entries:

1. 1947 Washington Nickel, found at a "tot lot" – John M.
2. 1852 Trime – Rick S.
3. 1949 Walking Liberty Half Dollar – Bruce W.
4. 1859 "Fatty" Indian Penny (Only Year without the shield) Tom H.
5. 1914 Wheat Penny (found in old compact or container) Brian T.
6. 1957 Jefferson Nickel "double die" mostly on the date (certified) Mike W.
7. **1853 O (New Orleans) Seated Liberty Half Dime – Kerry S.**

WINNER...#2 Brian T.

Entries:

1. 1863 Civil War Store Card, Kellogg & Co. Manfr's of Lumber, Doors, Blinds & Sash, Kalamazoo, MI - Kerry S.
2. **1868 General U. S. Grant, Presidential Campaign Token, I Propose To Fight It Out On This Line If It Takes All Summer – Brian T**
3. 1863 Store Card, Ira Mayhew's Pres't. Practical Book-Keeping, Albion Commercial College, Albion, MI – Rick S.
4. 2002 Dog/Cat License and Vaccination Tags – John M.



FOB, BADGE, TOKEN

WINNER...#1 Tom H.



MOST UNUSUAL

Entries:

1. **Upjohn Minix Cigarette Lighter (made from brass) – Tom H.**
2. Crew Member Button, Norddeutscher Lloyd Cruise Line, Bremen, Germany (founded 1857) – Rick S.
3. Super Small Skateboard Wheels – Mike W.
4. M1851 Militia Belt Plate "Keep" (friend found matching belt plate/buckle) – Brian T.
5. 3 Piece Central Pacific Railroad button, the western leg of transcontinental RR existed from 1862-1885 – Kerry S.

FOM notes:

- All items must be found or acquired since the last meeting.
- Multiples must be found in the same hole.
- One entry per category per member.
- Must be a paid member to enter find of the month.
- Write your name on the back of the entry slip.
- Do not look at names on the back of find of the month slips.
- Check with the President or Vice President if you have any questions as to what category to put an item in.

October Potluck

The club will be hosting a Potluck October 19th with games for prizes!!!

Oct. Meeting

- Pizza Night!!!



- Feature Raffle will be **\$100!!**



***Raffle Tickets must be purchased before the beginning of the meeting.**

****You don't have to be a member to purchase tickets for the Silver Dollar or the 50/50 raffles.**

SWMSS CLUB MEMBER BENEFITS

1. Find of the Month Entries
2. Find of the Year Entry
3. Door Prizes
4. All Raffle's & the Feature Raffle
5. Newsletter, Mail and / or Email
6. Participate in Seeded Hunts
7. * Voting Rights
8. * Fish Bowl Prize (drawing every meeting)
9. Perfect Attendance (Jan. through Dec.) prize
10. To Sell or Trade at the "Buy, Sell & Trade Night".

Exception: *These items are not extended to associate members.

An "Associate" membership is extended to a paid member's spouse, their children and grandchildren. Anyone 18 years and older are considered an adult and will need to purchase their own membership.

A new member can enter their finds in the "Find of the Month" after 1 full month's membership.**

A "new" member is someone that has never been a member before.

Renewal Memberships are due before the meeting starts to participate in the "Find of the Month".

Club Membership is \$25 for the calendar year (January Through December).

Members, please, "Sign in" at every club meeting. The "Sign In Book" is used to keep record of perfect attendance for the year. The sign in book is on the table with the name tags.

Be sure to renew your membership before the meeting starts to get in on the drawings and raffles.

****Please note:**

To be guaranteed a photo in the slide show for "Find of the Month", there is a **6:45** cut off time.

Please be mindful of this as Anne and Bradley our photographers most months have 60+ photos to take and incorporate into the slide show for judging. We need to maintain this cutoff if we are to finish in a timely manner and ensure everyone has a chance to compete.

***** If any club members would like to be added to the SWMSS Club Facebook group, please contact Mike Walker or Brian Tobias**



I detect...with great frequency - Digging into detector technology

From: Delving into the depths - by Joanna Jan Laznicka - reprinted w/permission

<https://focusspeed.com/how-metal-detectors-work-advanced-technologies-behind-modern-treasure-hunting/>

(Segment #2) - Continued From Last Month's Issue:

VLF technology is particularly useful for treasure hunters who face varying ground conditions and for professionals who require greater accuracy and depth in their metal detection activities. Brands like Minelab with their Multi-IQ technology, Garrett with their multi-flex technology, and Nokta with their Simultaneous Multi-Frequency (SMF) Technology, are examples of companies that offer multi-frequency detectors. These systems provide a robust solution for detecting in diverse environments and complex ground types, making them a popular choice among both amateur and professional metal detectorists.

Multi-frequency metal detectors can use different types of technology, including Broad Band Spectrum (BBS) and Very Low Frequency (VLF), depending on the engineered design and intended use of the detector.

To break BBS down further, higher transmitted frequencies in metal detectors are typically more sensitive to small targets, while lower frequencies can penetrate deeper, making them better for detecting larger objects buried at greater depths. Broad Band Spectrum (BBS) technology effectively leverages a wide range of frequencies, from 1.5 kHz to 25.5 kHz, to simultaneously detect both small and large deep targets. This comprehensive coverage means you can efficiently scan the ground just once and still maximize your chances of uncovering various types of treasure, enhancing both efficiency and success rates in your searches.

All Broad Band Spectrum (BBS) detectors are multi-frequency, but not all multi-frequency detectors utilize BBS technology; most multi-frequency metal detectors employ Very Low Frequency (VLF) technology instead. Multi-frequency detectors, whether BBS or VLF, are designed to be highly effective across various environmental conditions. Unlike traditional VLF detectors that operate at a single frequency, multi-frequency detectors use multiple frequencies simultaneously. This capability allows them to effectively find targets in different soil types and conditions, improving their ability to distinguish between various metal types and achieve greater depth penetration.

Sample of Metal Detectors That Are Multi-Frequency Using VLF Technology

- [Nokta Legend](#) runs between 4KHz to 40KHz
- [XP Deus II](#) runs between 4kHz to 45 kHz
- Nokta Score
- Minelab Gold Monster 1000
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Advanced Technologies for Treasure Hunters Beyond Metal Detectors

Treasure hunters often utilize a wide range of sophisticated technologies, beyond traditional metal detectors, single-frequency or multi-frequency, to locate hidden objects and structures.

Ground Penetrating Radar (GPR)

GPR is a non-invasive method that uses radar pulses to image the subsurface. This technology is crucial for detecting and mapping objects buried deep underground, such as voids, graves, buried treasure, and ancient ruins. GPR is highly valued in archaeology for its ability to provide a clear picture of what lies beneath the Earth's surface, without excavation.

Advantages and Disadvantages of Ground Penetrating Radar (GPR) for Treasure Hunting:

Advantages of Ground Penetrating Radar (GPR):

- **Deep Imaging Capability:** GPR excels in imaging deep and non-metallic items, surpassing metal-only detection methods.
- **High Accuracy:** Provides precise depth determination for treasures and coin caches, distinguishing features as close as 4 inches vertically and 6-10 inches laterally.
- **Versatile Detection:** Capable of identifying various subsurface anomalies, including metal objects and ground disturbances, enhancing its utility in complex environments.

Disadvantages of Ground Penetrating Radar (GPR):

- **Increased Field Time:** GPR generally requires more field time compared to electromagnetic induction methods.
- **Extensive Data Processing:** Effective data interpretation necessitates extensive post-processing.
- **Dependence on Subsurface Knowledge:** The accuracy of GPR results is heavily reliant on pre-existing knowledge of the subsurface composition; lacking this, spatial accuracy may suffer.
- **Environmental Limitations:** Performance is reduced in clay-rich or highly conductive environments due to limited penetration depth.
- **Interpretation Challenges:** GPR can detect irrelevant anomalies such as rocks and roots, complicating the interpretation process and often necessitating expert analysis to differentiate between true treasures and misleading signals.

These features and limitations underscore GPR's role as a powerful yet demanding tool in the arsenal of modern treasure hunters, suitable for those prepared to handle its complexity.