

# MENOMONEE VALLEY TIMES<sup>©</sup>



Volume VII Issue II

MENOMONEE VALLEY CHAPTER 47 WISCONSIN  
NATIONAL ASSOCIATION OF WATCH & CLOCK COLLECTORS, INC

MARCH 2019

## NEXT MEETING - MARCH 17

### March Program

Harry Schultz "Anniversary  
Clocks: History and Repair"

Show and Tell: Bring an  
anniversary clock!



### Vice President's Message

A reminder that the Knights of Columbus on 92nd Street has cancelled our contract as they are selling the building in April 2019. **The March meeting will be the last one at the West Allis location.**

**The New Location for May and future meetings will be at: Knights of Columbus, 732 Badger Avenue, South Milwaukee, WI 53172**

See left column for meeting dates and locations.

For the January educational program we showed the first half of "Anniversary Clocks: History, Repair, & Maintenance" by Bill Ellison.

The torsional pendulum clock was first invented and patented by American Aaron Crane in 1841. Other American inventors and patents follow in 1852 and 1876, but without commercial success. German Anton Harder independently invented and patented the torsional clock in 1882 with commercial success.

Early torsional clocks can be identified by a lack of decoration above the pendulum. Before 1900 some torsional clocks had a striking mechanism yet ran for 1 year. Some clocks were made with a calendar. Older clocks have no means of leveling. Older clocks also have thicker domes with the bottom of the glass ground.

Bowler & Burdick a Jewelry store in Cleveland conceived and trade marked the term "Anniversary" clock in 1905. They imported movements from Germany and cases from France.

After World War 2 many Anniversary clocks were imported from Germany. Someone noticed that there was a much lower customs duty on watches than clocks. By making the clock plates less than 1.77 inches wide the clocks would qualify as watches for custom duties. Early 1950s clocks had fins added to make the plates look wider. Later the fins were dropped. The pendulum guide cup was patented in 1952. In 1958 the temperature compensated torsional spring was introduced by Charles Terwilliger, greatly improving time keeping. He also published the "400 Day Clock Repair Guide".

The March educational program will finish the second half of the DVD with an introduction to Anniversary clock repair and maintenance.

Thank you,

Harry Schulz

### **Menomonee Valley Chapter 47**

January 6, 2019 (West Allis)  
March 17, 2019 (West Allis)  
May 5, 2019 (S. Milwaukee)  
Sept. 22, 2019 (S. Milwaukee)  
Nov. 10, 2019 (S. Milwaukee)  
January 5, 2020 (S. Milwaukee)  
March 8, 2020 (S. Milwaukee)  
May 3, 2020 (S. Milwaukee)

### **Madison Chapter 171**

First Wednesday of even  
number months

### **Chicagoland Chapter 3**

February 3, 2019  
April 14, 2019  
September 8, 2019  
November 3, 2019  
December 8, 2019

### **Chapter 47 Officers and Directors**

- ▶ President: Craig White
- ▶ Vice Pres.: Harry Schulz
- ▶ Secretary: Ed Buc
- ▶ Treasurer: Danno Osterud
- ▶ Past Pres.: Mike Dempsey
- ▶ Director: Larry Jacobi
- ▶ Director: Bill Galinsky
- ▶ Director: Karyn Critelli

### **Committees**

- ▶ C47 Midwest Regional:  
Representative Craig White
- ▶ Webmaster: Amelia Osterud

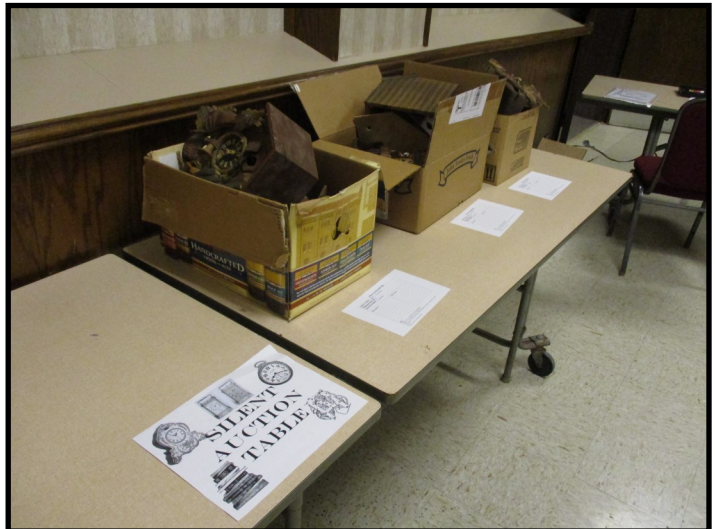
## Spot a Clock

Last month's 'Spot-a-Clock' was Bethel Baptist Church, located at 2030 West North Avenue, Milwaukee.

Can you guess this month's 'Spot-a-Clock'?



## Photos from the January 2019 Chapter 47 Meeting



## Treasurer's Report

December 1, 2018  
Opening Balance \$1,833.42

Income:  
Dues and Admission \$ 557.00  
Donations \$ 2.00  
Printed Newsletter \$ 20.00  
Total Income \$ 579.00

Expenses:  
Donuts, Fruit (\$ 39.89)  
Insurance (\$ 577.50)  
Post Cards (\$ 28.25)  
Newsletter (\$ 25.03)  
Total Expenses (\$ 670.67)

January 31, 2019  
Closing Balance \$1,741.75



Dan Osterud, Treasurer

## Spot-a-Clock

This month's 'Spot a Clock' is currently Bethel Baptist Church, located at 2030 West North Avenue, Milwaukee.



The building was originally Evangelical Lutheran Zions Kirche U.A.C. The Zion congregation was founded in 1883 in response to overcrowding at Immanuel Lutheran located at 12<sup>th</sup> Street and Garfield.



The architect of the church was Carl F. Ringer, Sr. Designed in the German Gothic Revival style, the church was constructed in 1883, with the side towers added in 1908 by the architectural firm Bruns and Bruns.



In addition to its vibrant red trim, the church is notable for its 4-dial tower clock. According to Fredrick M. Shelly's summary of U.S. tower clock installations, the clock movement is a Nels Johnson clock. Nels Johnson also produced the clock movement that originally operated in the clock tower of Milwaukee's City Hall.



The steeple also houses three bronze bells, weighing 1,900 pounds, 1,100 pounds, and 800 pounds. The bells were produced locally by the Campbell Centennial Bell foundry, with an 1886 purchase price of 17 cents per pound. The church is constructed with Milwaukee's iconic Cream City brick.



The church was used by the Lutheran congregation until 1967, which relocated to Menomonee Falls. The vacated church was subsequently purchased by a Baptist congregation.



If you would like to suggest a clock for the newsletter's 'Spot a Clock', please contact Ed Buc at the Chapter meetings or by email at [timecraft\\_wi@yahoo.com](mailto:timecraft_wi@yahoo.com).

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**NAWCC CHAPTER 47  
P O Box 05252  
Milwaukee WI 53205-0252**



***Knights of Columbus***  
732 Badger Avenue, South Milwaukee, WI 53172  
**Banquets and Meetings  
Parties and Dances**  
*Call*  
**414-764-1709**

MENOMONEE VALLEY CHAPTER 47			
DESCRIPTION	Time	Price	<b>2019</b>
<input type="checkbox"/> Chapter 47 Membership Dues	1 Year	\$25.00	
<input type="checkbox"/> Gold Card prepaid entry to meetings	1 Year	\$10.00	OR \$3 at door
<input type="checkbox"/> NAWCC Membership Dues <i>Use NAWCC Form-send to NAWCC</i>	1 Year	\$90.00	\$110 with spouse
<input type="checkbox"/> Mart Table at Chapter meeting*	1 Mart	\$ 0	*FREE to Members
<input type="checkbox"/> Paper Newsletter via mail	1 Year	\$5.00	
<input type="checkbox"/> Business Card ad in newsletter	1 issue	\$5.00	
<input type="checkbox"/> Donation to Chapter 47	1	\$	
*Make checks payable to NAWCC CHAPTER 47			<b>Total:</b> _____

Method of Payment  Check  Business Check  Cash, paid in person  Bill me for Ad  Pay Pal

Name \_\_\_\_\_  
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E MAIL ADDRESS \_\_\_\_\_ Phone \_\_\_\_\_

Signature \_\_\_\_\_

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Email: NAWCCChapter47@gmail.com  
Web site: www.NAWCC47.com

**Silent Auction**

Have too many project clocks or watches? Extra tools gathering dust? Books taking up space on your shelf?

**Clean house and sell your unneeded horological items at the Chapter's Silent Auction Tables!**

**"By the Book" - Repair Tips and Techniques**

Many of us have shelves of horological books, but how often do we use them? Each issue, we will feature a repair tip or historical tidbit taken from a common reference book. These tips are offered for informational purposes only. Chapter 47 or its board do not endorse any of the tips or techniques offered herein.

From "Horolovar 400 Day Clock Repair Guide" by Charles Terwilliger

*"How important is the tension washer behind the cannon pinion? The purpose of the tension washer is to provide a sufficient amount of friction to the motion train, so that the drive from the center wheel arbor will be positive and yet will allow for an easy manual 'setting' of the hands...Often when a clock is dismantled, this little washer is overlooked and lost. When the motion train is assembled without it, the hands fall loosely, even when the hand nut (or pin) is tightened."*