

Tic Talk Times



AUGUST 2018
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Newsletter of Orange County Chapter 69 of the
National Association of Watch and Clock Collectors

Meeting Minutes, July 6, 2018

EARLY BATTERY CLOCKS

The meeting was called to order at 7 p.m. by President Paul Martyn. This month no Tic Talk Times was published so the minutes will be approved at a later date. Thanks to Cora Lee Linkenhoker and Van Mondale for refreshments.

Upcoming Events:

September 20 – 22, 2018, Michigan, Symposium on Car Clocks and Watches

Beginner's Corner: Phyllis Adams presented a 5 page handwritten document by Doug Adams entitled Practical Talk on Gear Cutting. It is mostly formulas which are hard to read, so a copy was handed out to members to keep.

TONIGHT'S PROGRAM, a DVD about early battery clocks, was made by Glenn Marsh, who was a member of Chapter 69.

The earliest battery was made by Thomas Edison and was a liquid battery in a jar. In the 1880's dry cells were made which were not as dangerous. Mr. Marsh is going to talk about Reason clocks from 1910, Eureka clocks

from 1910, LeRoy clocks from the 1920's, and Bulle clocks from 1920.

T.J. Murday from Britain created a clock with a coil spring, and electromagnet and a balance wheel which moves and closes a switch, a "Hipp toggle" in 1812. Matthew Hipp invented it but Professor Murday compensated for changes in battery voltage by adjusting the over swing of the balance wheel.

Eureka clocks were made in 1806 and had an English patent until about 1914. The electromagnet is mounted on the balance wheel. It was the "1000 Day Electric Clock". Later clocks made the balance wheel visible. The isochronous hairspring compensates for low battery for domestic clocks. The balance wheel has a click on it. Soon mahogany cases were being made with glass panels for £5 British. Some had ball bearings and some clocks had the battery on the top.

Professor Fery LeRoy – he made clocks that are similar to Bulle (French) clocks but LeRoy clocks were invented first. The clocks have a pendulum and the switch is connected to the pendulum. You can also adjust the rate of clock on the pendulum rod. They use a special battery in a jar.

(Continued on page 2)

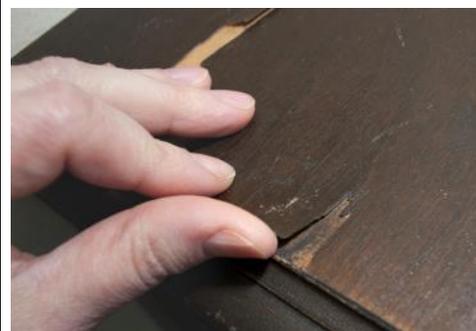
This Month

EARLY EURO CLOCK ELEMENTS

This month's program will be a live presentation by Jerry Kleeb on the elements of a small European clock that appears to have been made in the first half of the 18th century. While not a carriage clock (it has a crown wheel escapement and small pendulum) it is of similar size. Among its unique aspects are its iron plates, its use of latches instead of tapered pins to secure the movement and an exterior that appears to have had a fire gilt finish.

For our Beginner's Corner, Paul Martyn will give a beginners corner on the repair of veneer clock cases.

See you at the Meeting!



TIME TRIVIA

A total lunar eclipse is often called a Blood Moon because of the red glow the Full Moon gets when it is caught in Earth's shadow.

JULY MINUTES — CTD FROM PAGE 1

Bulle (French) clocks: the pendulum bob is itself and electromagnet. It is a simple system with a switch and silver contacts. The spring compensates for circular error.

Barr clocks were American but “Poole” invented them. The American Depression was the end of battery clocks. They had a free-swinging pendulum and an electromagnet that lifts up the weight. A link is attached to the pendulum rod with a falling weight. Poole tried to achieve a free-swinging pendulum. He claimed accuracy to seconds in a day. Electric clocks came out into the market costing only \$1.00 each when the Poole clocks cost \$15 or \$30, so it was bad timing.

SHOW & TELL ‘G’

Thanks for Dave Weisbart for providing us which new light to illuminate Show & Tell.

Jerry Kleeb first showed us a French silk suspension clock he found at the Granada Hills Mart. He repaired the dial and replace the pendulum. He also showed us a Eureka made for the English market. It is a “1000 Day Clock”, serial # 98. The electrical circuit goes through the hairspring. He says it is not providing isochronous 1-1/2 volt battery.

Bob Linkenhoker showed a gear cutting wheel cutting engine he got from Juan Limon.

Dave Weisbart showed a Geneva clock gear cutter.

No raffle was held tonight.



UPCOMING MARTS

JULY 2018

[2018 National Convention](#)

When: 7/18/2018 - 7/22/2018
York Expo Center Utz Arena
334 Carlisle Ave
York, PA 17404

AUGUST 2018

[2018 Eastern States Regional](#)

When: 8/3/2018 - 8/4/2018
Holiday Inn Convention Center
441 Electronics Parkway
Liverpool, NY 13088

[2018 All Texas Chapters Regional](#)

When: 8/23/2018 - 8/25/2018
Houston Marriott
Westchase 2900 Briarpark Dr
Houston, TX 77042

[2018 Mid-South Regional](#)

When: 8/31/2018 - 9/2/2018
Chattanooga Convention
Center 1 Carter Plaza
Chattanooga, TN 37402

SEPTEMBER 2018

[2018 NAWCC Ward Francillon Time Symposium](#)

When: 9/20/2018 - 9/22/2018
Henry Ford Museum & Greenfield Village
20900 Oakwood Blvd
Dearborn, MI 48124

[2018 Mid-America Regional](#)

When: 9/28/2018 - 9/29/2018
National Military History Center
5634 County Road 11A
Auburn, IN 46706



Full details for all upcoming marts: <http://net.nawcc.org/NAWCC/Events/Events/NAWCC/Events/Events.aspx>

Visit us at www.nawcc69.org

IN REMEMBRANCE—JAN DUWE Nov. 25, 1925-MAY 19, 2018

Janet Louise Duwe was born in Whitefish Bay, WI on November 25, 1925 to George and Viola (nee Pfeiffer) Kranich. She had a sister Joyce, and brother Jim who preceded her in death.

She lived in Whitefish Bay until she married Richard Duwe on August 16, 1947 after his return from the service in WWII.

Jan and Dick lived in Milwaukee where they had daughters Joy and Jill. In 1960 they purchased a home in Brown Deer, WI, and lived there until 1971. At that time Dick was made Western District Manager for a division of W.R. Grace Company and the family moved to California where they made their home in Yorba Linda.



Jan, upon her arrival to California, became a volunteer for Welcome Wagon where she welcomed new families like herself to the area. She spent time visiting nursing homes in the area, spending time with the elderly playing bingo, writing letters, and bringing treats. At that time she was invited to join the Littlest Angel Guild of Children's Hospital of Orange County in which she was still active. In her early years in California she donated the use of the Duwe garage for a polling place for voters. In 2010 she received the Yorba Linda Citizen of the year award for her dedication to her church, community and humanity.

For many years, she and her husband Dick were long-time members of Chapter 69. Jan was frequently knitting something, or doing needlepoint during many of our meetings.

When Jan was not out and about in the community you could find her at home quilting, sewing, knitting, doing needle point, making ceramics and jewelry and enjoying her passion for baking and cooking. Her hobbies were an extension of herself and her love of all people. She lovingly gave it all away.



Jan made amazing lemon bars, along with various wonderful cookie recipes. Any physician who has treated Jan, any gardener or handyman who has done work for her, any ailing friend or acquaintance can expect a gift of her bars, cookies, or homemade chicken soup. While Jan has certainly put in her time as a volunteer in community and charity work it is perhaps, her attention to individuals that makes her such an awe-inspiring person and asset to our community. Notes of encouragement, phone calls of comfort, and visits of care fill Jan's daily calendar. Jan was still driving, attending adult school classes, and serving her community.

Jan was injured in a fall in a parking lot on May 18, which resulted in her death on May 19, 2018. She was 92 years old and was married to Dick for almost 71 years.

She is missed by all who knew her.

**DATED MEETING NOTICE
PLEASE DO NOT DELAY**

ORANGE COUNTY CHAPTER NO. 69
C/O CORA LEE LINCKENHOKER
7186 CALICO CTR.
CORONA, CA 92881

The National
ASSOCIATION OF
WATCH & CLOCK
Collectors, Inc.



OUR NEXT MEETING: FRIDAY AUGUST 3, 2018

Program

**EARLY EUROPEAN
CLOCK ELEMENTS**

Time: 7:00 – Doors Open
8:00 – General Meeting

Admission \$4.00 – General
\$6.00 – Couples

Location: Acacia Grove Masonic Lodge
11270 Acacia Parkway
(in the Civic Center)
Garden Grove, CA

Beginner's Corner Mini-Seminar:

Repair of veneer clock cases

Show & Tell:

Any Horological item beginning with the letter "H"

Board Meeting:

No board meeting this month

