

# Tic Talk Times



JUNE 2017  
VOL. 36, NO. 10

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

*Meeting Minutes, May 5, 2016*

## THE FORMULA OF PENDULUMS

After the mart started at 7:00 p.m., the meeting was called to order at 8 p.m. by President Paul Martyn who also provided refreshments.

### Health & Welfare:

Paul announced that he heard Charles Register has passed away. Charles was a long time member and will be missed.

We also hope Cora Lee Linkenhoker feels better soon.

Flyers were passed out announcing the upcoming Mart sponsored by Chapter 133. This mart will be held this Sunday and covers horological items, old radios, Victrolas, and music boxes. It will be held at our former mart location, the El Bekal lodge in Anaheim.

### Upcoming Events:

Chapter 133 is holding a mart on Sunday, May 7th at the El Bekal Lodge in Anaheim: It will feature clocks, watches and music boxes.

Arizona Sunshine Regional will be March 24 & 25.

There is no old business tonight.

### PRESENTATION:

There is no beginner's corner but we have a DVD on pendulums which contains a formula for regulating their accuracy. Paul Martyn tested the formula and said it did work. Gravity at 9.78 m per sec<sup>2</sup> depends on latitude and elevation.  $T = 1.5$  for a Vienna Regulator.  $T = 2.0$  seconds for a grandfather clock with a 39" pendulum.  $T = 4.0$  seconds for the 13' Big Ben Pendulum, with  $T =$  the length of swing.

The author of the video made a regulator clock by hand from electronic parts with a white Formica dial, barometric compensators and an electromagnetic drive. He also made an electronic digital stopwatch. His clock deviated 1/2 second. He talked about "Q" factor and that atmosphere can affect the pendulum. Finally a wide circular bulb was used in the clock.

Steve Rini told us he had a customer who had a kitchen clock accurate to a minute a week but he pinched the bob and got it accurate to 3 or 4 seconds a week! Also he told us Duane Lund (a former member) designed an electronic clock to be accurate to 3 seconds a year.

*(Continued on page 2)*

### This Month

## MARRIAGES AND RENEWED DIALS

For next Fridays meeting Paul Martyn will start the meeting with a Beginners Corner presentation on different marriages of clock movements and cases, some of which worked well, and some that were... less than satisfactory.

For the main presentation, We will watch a DVD from NAWCC on The Art of the Painted Dial. While the talk is on the restoration of a 200 year old English tall case dial, many of the techniques can be used on other restoration projects.

See you at the Meeting!



## TIME TRIVIA

*"A Jiffy" is usually used to indicate a very short period of time, but it is formally defined in the fields of Physics and Chemistry as the time required for light to travel a centimeter. Also known as a light centimeter, a Jiffy is equal to about 33.3564 picoseconds.*

## MAY MINUTES — CONTINUED FROM PAGE 1

SHOW AND TELL: Phyllis Adams brought in a bank vault timer that Doug Adams had bought at one of the marts. Jerry Kleeb explained it had two Hamilton key-wind movements with a 56 hour wind.

The raffle prizes were won by Randy Ema, and Don Bendz.



## UPCOMING MARTS

### JUNE 2017

#### [2017 Greater St Louis Regional](#)

When: 6/2/2017 - 6/3/2017

Moolah Shriners

12545 Fee Fee Rd

Saint Louis, MO 63146 United States Dr

Kirtland, OH 44094

#### [2017 National Convention](#)

When: 6/28/2017 - 7/1/2017

Arlington Convention Center

1200 Ballpark Way

Arlington, TX 76011

### JULY 2017

#### [2017 Pacific Northwest Regional](#)

When: 7/14/2017 - 7/16/2017

Portland Expo Center

2060 N Marine Dr

Portland, OR 97217

#### [2017 Rocky Mountain Regional](#)

When: 7/14/2017 - 7/15/2017

Jefferson County Fairgrounds

15200 W 6th Ave

Golden, CO 80401

### AUGUST 2017

#### [2017 Eastern States Regional](#)

When: 8/4/2017 - 8/5/2017

Holiday Inn Convention Center

441 Electronics Parkway

Liverpool, NY 13088

#### [2017 All Texas Chapters Regional](#)

When: 8/24/2017 - 8/26/2017

Houston Marriott Westchase

2900 Briarpark Dr

Houston, TX 77042

#### [2017 Mid-South Regional](#)

When: 8/31/2017 - 9/2/2017

Chattanooga Convention Center

1150 Carter St

Chattanooga, TN 37402



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

Visit us at [www.nawcc69.org](http://www.nawcc69.org)

**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 JUNE 2, 2017**



***Beginner's Corner Mini-Seminar:***

Marriages of clock movements and cases

***Show & Tell:***

Any horological item beginning with the letter "V", any "V" themed, or any items acquired at the recent Ch. 133 mart

***Board Meeting:***

No board meeting this month

***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

