

Tic Talk Times



JULY 2013
VOL. 32, NO. 12

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

Meeting Minutes, June 7, 2013

THE INCREDIBLE MACHINE: ANTIKYTHERA MECHANISM

The meeting was called to order by Secretary Phyllis Adams. Thanks to Annette DiMino for providing refreshments. Health and Welfare: Leon is improving. Dave Weisbart moved to approve last month's minutes and Annette seconded. Old Business: Sally DiMino said a bigger committee is needed for next year's mart since only three people were available to break down after the mart, i.e., Dave Wiesbart, Annette DiMino, and Angela DiMino, who isn't a member but was participating in the mart. Dave Weisbart reported with membership dues we broke even tonight.

A vote was taken to hold the next meeting on MONDAY, July 8th at



Alvira Marble Clock



*The Antikythera Mechanism
(Fragment A – front)*

6:30 p.m. at the home of Ed and Karen Athey, who have agreed to host another barbeque.

A headcount was taken at the meeting as to who would attend but if you were undecided at the meeting or not at the meeting let them know you will be attending. Obviously, there will be no meeting on Friday, July 5th.

This barbeque is a long-standing tradition started by Bud and Pat Saiben. It is a board meeting but ALL members, wives, partners, and significant others are invited to attend. Many people attend who do not otherwise make it to meetings. Please RSVP and also bring a side dish to share. The traditional bratwurst will be served as well as an alternative for those who don't eat bratwurst.

The June program was a fascinating video from NOVA entitled "The Antikythera Mechanism, an ancient computer." This mechanism was salvaged from a shipwreck in 1900 by sponge di-

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This Month

DIRECTOR'S POT LUCK

Instead of a regular meeting in July, we will be having the annual Chapter 69 Pot Luck starting at 6:30 P.M. on July 8th at the home of Ed and Karen Athey. Big thanks to Ed and Karen for offering to host this meeting at their home in Santa Ana. This location is convenient to the majority of our members and has lots of shade trees and a place for barbeque. If you've never attended this event, you're missing out on great food and great company. The event is for the entire membership and their spouses or significant others. A pot luck sign-up sheet will be circulated on-line through an "Evite" meeting notice, so watch your email for the invitation. Please make a special effort to RSVP so we have enough Brats and fixings (but not too much) for everyone who comes. To round out the picnic we need your help with a special dish to share: appetizers, salads, side dishes, desert or something you know would be welcome! If you can not RSVP through the Evite, please RSVP to Ed (714) 835-1696. So come, relax, and share food and drink al fresco under the setting summer sun. We'll see you all there!

TIME TRIVIA

In 1577, Jost Burgi invented the minute hand. Burgi's invention was part of a clock made for Tycho Brahe, an astronomer who needed an accurate clock for his stargazing.

**DUES ARE DUE
(See Page 3)**

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vers. It is bronze and it uses bronze gear wheels to track movements of the moon and probably all the planets. Jacques Cousteau was involved also. It dates from 70 to 50 B.C., is from Asia Minor, probably a trading vessel, but from a Roman Ship. Did the mechanism drop from another ship at a later date? "Radiographs" were taken and they found 27 gears. Also the number of gear teeth showed it was used for astronomy to predict the phases of the moon since the number 235 referred to lunar months or 19 solar years. Also the number 127 which is half of 254 referred to the moon's revolution around the earth. These are prime numbers. An 8 ton machine went to Athens specifically to take photos of the mechanism. They probably had 5 or 6 gears to start. They are geocentric. They were also able to read the inscription with special photography and saw the number 223. The Babylonians used 223 months or an 18 year period to predict lunar eclipses. The mechanism is like a computer, it also tracked solar eclipses and predicted the hour, and used variable motion to track movement of the moon around the earth in an ellipse. This was done using a 26.5 tooth gear.



Scooby Doo Alarm Clock



The ACME Clock You Can Trust?

Show and Tell: 'A' Phyllis Adams brought in a character Scooby Doo Alarm clock; Doug Lynn brought in a "rare" Acme Cartoon clock and an American Watch co. pocket watch ca. 1864, 15 jewel; and an Abe Lincoln Illinois. Dave Weisbart had a double-A, an Ansonia white onyx clock called "Alvira." Larry Squires told us he visited his elementary school and located the sundial the 6th grade presented to the school in 1949. He also talked to someone who has the clock from the school.

Door Prizes were won by Dave Weisbart, Steve Kukich and Sally DiMino.

Annette moved to adjourn and Phyllis seconded.

UPCOMING MARTS

JULY 2013

[2013 National Convention](#)

When: Jul 3 - 6

Where: Dayton Convention Center, Dayton, OH, US

[2013 Rocky Mountain Regional](#)

When: Jul 19 - 20

Where: Jefferson County Fairgrounds, Golden, CO, US

AUGUST 2013

[2013 Mid-West Regional](#)

When: Aug 2 - 3

Where: Porter County Expo Ctr, Valparaiso, IN, US

[2013 Eastern States Regional](#)

When: Aug 16 - 17

Where: Holiday Inn Convention Center, Liverpool, NY, US

[2013 All Texas Chapters Regional](#)

When: Aug 22 - 24

Where: Marriott Houston Westchase, Houston, TX, US

[2013 Mid-South Regional](#)

When: Aug 29 - 31

Where: Chattanooga Convention Center, Chattanooga, TN, US

SEPTEMBER 2013

[2013 Mid-America Regional](#)

When: Sep 27 - 28

Where: Kruse Hall, Auburn, IN, US



Lincoln Pocket Watch

Full details for all upcoming marts: <http://community.nawcc.org/events/upcomingevents/>

Dues are Due!

It's time to renew your membership to Chapter 69. Your support of our activities is very important to the chapter's well-being, so we're counting on every member to send in his or her renewal. Please fill out the form on the right and bring it with you to the meeting. If you can't attend this month's meeting, please mail your dues today!

Don't Like to Stand in Line?

Get the annual pass option! This permanent badge gets you into every regular meeting without having to pay at the door. This pass gets you into 12 meetings for the price of 11. For an individual pass, include \$44 plus your dues (\$54 total). For a couples pass, include \$66 plus dues for two (\$86 total).



**Orange County Chapter 69
Membership Application**

New Member Renewal
(check one)

PLEASE PRINT

Last Name

First Name

Spouse Name

Street Address / P.O. Box #

City, State, ZIP

NAWCC #

Phone

Email Address

Check here to receive the Tic Talk Times by U.S. Mail (\$5.00 Extra)

Dues for 2012-2013 are \$10.00. Please make your check payable to: "Orange County Chapter 69."
Check below for options. Amounts are in addition to dues.
 Couples annual pass (\$66)
 Individual annual pass (\$44)

300 Year Old Samuel Knibb Clock Recently Discovered

A previously unknown table clock made circa 1665 crafted by horologist Samuel Knibb was recently discovered by the Clock Department at Bonhams. This clock was originally manufactured just before the Great Fire of London in 1666. One of only five such items known, the 350-year old timepiece is expected to sell for between \$225k to \$300k at the upcoming Bonhams' Fine Clocks sale, which will be on July 9th 2013. Mr. James Stratton, Director of the Bonhams Clocks Department said, "When an email arrived entitled 'Samuel Knibb' I was immediately intrigued. Samuel Knibb's work is incredibly rare – I only knew of four clocks by him; three in private collections and one in the Clockmakers Company museum in the Guildhall, London. But within minutes of opening up the images, it was obvious that this example was an absolutely genuine example from his workshop. It is so exciting to offer this previously unrecorded clock to the market this summer after 350 years in hiding – it will offer collectors and curators the world over the chance to learn more about one of the great 'unsung' horological heroes of the early age." One thing that makes clocks by Samuel Knibb is that as a young man, he worked with the great clock maker, Fromanteel, who brought the pendulum clock to Britain in 1658. There are only five known clocks signed by Samuel Knibb, all of which are of exceptional quality. Samuel Knibb (1625–c.1670) was established as a clockmaker by 1655. He began work in Westminster in 1662 and was admitted to the Clockmakers' Company in 1663. Samuel Knibb was working in London during the 1660s during the introduction of the pendulum to the U.K by Fromanteel. Prior to the introduction of the pendulum clock, mechanical clock and sundials clocks time at best to within 15 minutes. Sundials were around 15 minutes slow of fast, depending on the position of the sun, whereas the springs (or coils) in mechanical clocks deteriorated over time. The pendulum greatly increased accuracy of timekeeping to plus or minus 15 seconds.



*Recently Discovered
Samuel Knibb Clock*

**DATED MEETING NOTICE
PLEASE DO NOT DELAY**

*The National
ASSOCIATION OF
WATCH & CLOCK
Collectors, Inc.*
Orange County Chapter No. 69
c/o Cora Lee Linkenhoker
7186 Calico Cir.
Corona, CA 92881



OUR NEXT MEETING: MONDAY JULY 8, 2013

Program:

**JULY MEETING IS A
POTLUCK ON
MONDAY 7/8 AT
THE HOME OF
THE ATHEYS**

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:

No Beginner's Corner this month

Show & Tell:

Show and tell your favorite dish at the potluck

Board Meeting:

The July board meeting will coincide with pot luck on Monday July 8th at:
Ed and Karen Athey's house
2121 N. Flower
Santa Ana, CA 92706

