

TIMEOUT NEWSLETTER

NOVEMBER MEETING HIGHLIGHTS

The November meeting of chapter 31 was held on November 20 at the Beaverton Library. The meeting was brought to order by president Harold Baesler at 2:30 pm. There were 26 members present.

***Terry** White introduced new member Jeff Major who is new to the area. Jeff is interested in wooden works clocks.

***Betty** Chisum gave a treasurer's report.

***Program chair**-Dick Vigal reported that he plans to have programs scheduled at least a few months in advance.

***Kris** Freiermuth reported on the Holiday social. Meal will be an 8oz. Ribeye and scampi.

***It** was reported that the council meeting today confirmed Terry White as the new V.P. Congratulations Terry! Terry reports that there is an opening for the raffle chairperson. Anyone wishing to volunteer for this very easy job (REALLY!) please contact Harold or Terry.

***Show N' Tell- 'J'** Shirley C. brought two Junghans clocks. David B. brought a JC Brown ripple steeple clock, Tom H.- a Jacobs tool, Betty C.- Junghans mini alarm clock, Harold B.- Junk cases, Charlie S. S.B. Jerome paper type case carriage clock with marine balance movement, Dick V. Joker style, Japanese, junk clock with a music box. Leo F.- Junghans T/S clock, Al P. 1905 watchmakers journal, Ed O'-Joke clock that was a gift for his wife. What a wonderful collections of J's. Thanks to all!

*Thank you to Terry White for the hard work in producing the chapter phone directory.

This months program was presented by Pat & Shirley Cavanaugh and was on the Jefferson electric Golden Hour (Mystery) clocks. Pat gave a nice history on the company and showed the group a very nice collection of the clocks produced by this company. Most present stated that they hadn't seen some of these clocks before.

The following members were the lucky attendees that won a prize from the drawing- Ed O', Charlie S., Dick V., Mary M., Betty C., John M., D. Busby, Harold B., & Leo F.

PRESIDENTIAL MESSAGE

Best wishes for a happy, healthy and prosperous New Year! Thank you for the dedicated members of Chapter 31 that kept our club active in 2005. Many volunteer hours are on record with the various programs that we participated in.

For the year 2006 I encourage you to help build our membership. I'm sure most of you know someone that has an interest in horology and would be an asset to our organization.

I look forward to many new and exciting guest speaker programs. If you have an interest in learning more about a certain clock, clock maker or other horology history please let Dick Vigal know.

Don't forget to let Mary Gonzalez know if you wish to run an ad in our newsletter to advertise and item for sale, or if you are looking for an item.

At the January meeting the Show and Tell subject will be a wind-up clock with a round movement.

Harold Baesler

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Water clocks were among the earliest timekeepers that didn't depend on the observation of celestial bodies. One of the oldest was found in the tomb of the Egyptian pharaoh Amenhotep I, buried around 1500 BCE. Later named *clepsydras* ("water thieves") by the Greeks, who began using them about 325 BCE, these were stone vessels with sloping sides that allowed water to drip at a nearly constant rate from a small hole near the bottom. Other clepsydras were cylindrical or bowl-shaped containers designed to slowly fill with water coming in at a constant rate. Markings on the inside surfaces measured the passage of "hours" as the water level reached them. These clocks were used to determine hours at night, but may have been used in daylight as well. Another version consisted of a metal bowl with a hole in the bottom; when placed in a container of water the bowl would fill and sink in a certain time. These were still in use in North Africa in the 20th century.

More elaborate and impressive mechanized water clocks were developed between 100 BCE and 500 CE by Greek and Roman horologists and astronomers. The added complexity was aimed at making the flow more constant by regulating the pressure, and at providing fancier displays of the passage of time. Some water clocks rang bells and gongs; others opened doors and windows to show little figures of people, or moved pointers, dials, and astrological models of the universe.

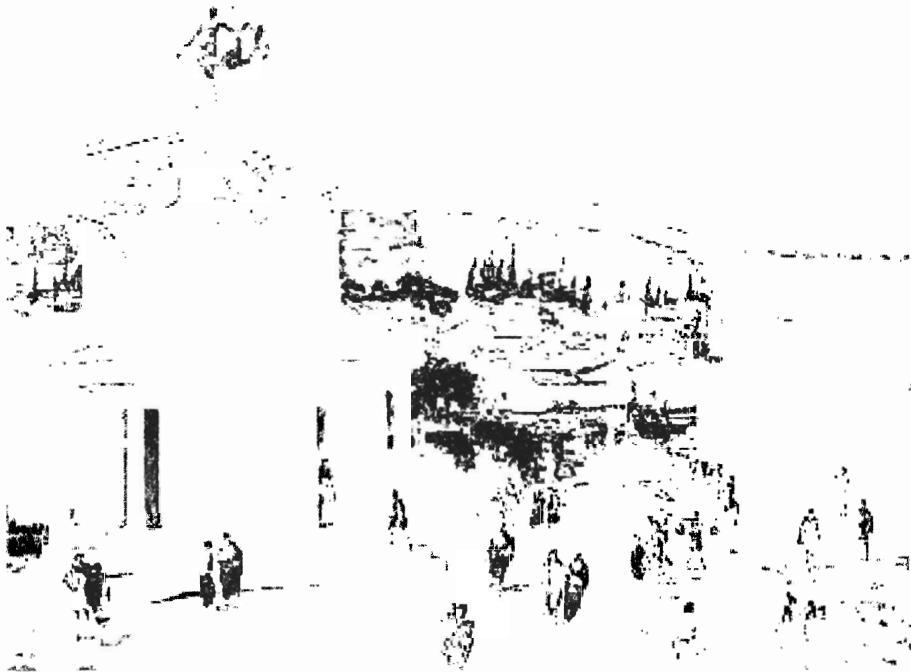
A Macedonian astronomer, Andronikos, supervised the construction of his *Horologion*, known today as the Tower of the Winds, in the Athens marketplace in the first half of the first century BCE. This octagonal structure showed scholars and shoppers both sundials and mechanical hour indicators. It featured a 24 hour mechanized clepsydra and indicators for the eight winds from which the tower got its name, and it displayed the seasons of the year and astrological dates and periods. The Romans also developed mechanized clepsydras, though their complexity accomplished little improvement over simpler methods for determining the passage of time.

In the Far East, mechanized astronomical/astrological clock making developed from 200 to 1300 CE. Third-

century Chinese clepsydras drove various mechanisms that illustrated astronomical phenomena. One of the most elaborate clock towers was built by Su Sung and his associates in 1088 CE. Su Sung's mechanism incorporated a water-driven escapement invented about 725 CE. The Su Sung clock tower, over 30 feet tall, possessed a bronze power-driven armillary sphere for observations, an automatically rotating celestial globe, and five front panels with doors that permitted the viewing of changing manikins which rang bells or gongs, and held tablets indicating the hour or other special times of the day.

Since the rate of flow of water is very difficult to control accurately, a clock based on that flow could never

achieve excellent accuracy. People were naturally led to other approaches.



The Horologion

We are still trying to get the programs situation squared away but as of now the following programs are scheduled:

January, 2006 " Perpetual Calendar Watches" - This very interesting program will be given by our own member, David Jacobs who is a watchmaker at Carl Greve Jewelers in Portland. To my knowledge we have never had such a program and it should be most interesting to both watch and clock lovers.

February, 2006 " Novelty Clocks" - Dick Vigal. Taking the prerogative of the Program Chair I thought this might be an interesting program on Novelties. We will discuss them and I will have some examples from my collection.

March, 2005 - This is currently open though I am working on filling it and may exchange the February program if the presenter would prefer.

April, 2006 - " Antique Horological Tools" - Tom Hammond. Tom is a collector of ancient tools associated with watch and clock making. Should be a great program.

If anyone would like a particular type of program please let me know so that I can make it happen.

CORRECTION FOR THE CHAPTER DIRECTORY:
MARY & JEFF GONZALEZ
E-MAIL: GONGANG@CCWEBSTER.NET

FOR SALE

Moseley Lathe Collets:

26 Collets: 4, 5, 6 (two), 7, 9, 10, 14, 15, 16, 18, 19, 20, 23, 25, 32,34,
37, 40, 42, 46, 50, 54, 37, 60, & 70

1 Cement brass

1 Balloon chuck

2 Arbor mounts

1 Point

1 Faceplate: by Hardinge Bros

Also included

1 Moseley lathe bed with

1 headstock

1 tailstock with sliding runner

1 tip over tool rest

PLUS: EXTRA MOSELEY LATHE BED WITH HEAD-
STOCK, & MOUNTING BASE

Terry White

\$175.00

A Quote~

*A good holiday
is one spent
among people
whose notions
of time are
vaguer
than
yours.*

**John B.
Priestly**

NAWCC PACIFIC
NORTHWEST CHAPTER 31

20140 S. Fischers Mill Rd.
Oregon City, Oregon 97045

WE'RE ON THE WEB!

WWW.NAWCC31.ORG

DATES TO REMEMBER.....

December 11- Holiday Party at the Monarch Hotel

January 15- Regular Meeting Ch. 31

February 19-Regular Meeting Ch. 31

March 18 & 19—Connell, Wa. Multi-chapter meeting

March 19- Regular Meeting Ch. 31

April 16- Regular Meeting Ch. 31

MART=2:00 PM MEETING 2:30 PM

HELD AT THE BEAVERTON LIBRARY

ADDRESS : 12500 SW ALLEN BLVD.

BEAVERTON, OREGON 97005

PHONE : 503-644-2197

MEETING TIME AND PLACE SUBJECT TO CHANGE.

CHECK THE MONTHLY NEWSLETTER OR WEBSITE

FOR POSSIBLE FUTURE CHANGES.

Council Members

President—Harold Baesler jbaesler@verizon.net **VP**— Terry White-tcwhite@canby.com

Secretary-Mary Gonzalez gongang@ccwebster.net

Treasurer & Sunshine Person-Betty Chisum bchisum@gte.net

Directors

Mike Robinson (2008) Bill Butcher (2008) John Bailey (2006) Tom Hammond (2006)

Charlie Schubert (2008)

Committee Chairs

Historian-Dan Miller* **Mart**-Jeff Gonzalez ***Membership**-Terry White*

Programs-Dick Vigal **Nominating & Elections**- Dick Vigal ***Workshops**-Mike Robinson

Raffle/Door Prizes— open * **Bulletin Coord.**-Tom Hammond

Outside Events— Leo & Kris Freiermuth

If you need information or directions to a meeting just give me a call the day before. I am afraid that I have missed some of your phone calls. I leave the house Sunday morning of the meeting and don't hear my messages until after the meeting.

Thanks! Mary