

**Pacific**  
**Northwest**  
**Portland Oregon**  
**www.nawcc31.org**



**Council Members**

***President***

— Mary Gonzalez (president@nawcc31.org)

***Vice President***

— George Matto  
(vicepresident@nawcc31.org)

***Secretary***

— Kris Freiermuth  
(secretary@nawcc31.org)

***Newsletter & Webmaster***

— Rod Lloyd (newsletter@nawcc31.org)

***Treasurer & Sunshine***

— Betty Chisum (treasurer@nawcc31.org)

**Directors**

Dan Miller (2012)  
Mark DeAtley (2012)  
Henry Casson (2014)  
Tom Hammond (2014)  
Ron Dusek (2014)

**Committee Chairs**

***Historian***

— Dan Miller

***Mart***

— Jeff Gonzalez

***Membership***

— John Bailey

***Program***

— Kay Henselman

***Nominating & Elections***

— Harold Baesler

***E-Mailings***

— Rod Lloyd

***Workshops***

— Mike Robinson

***Raffle & Door Prizes***

— Denise Johnson

***NAWCC Bulletin Coordinator***

— Kris Freiermuth

***Outside Events***

— Leo & Kris Freiermuth

# JANUARY 2012

## Presidential Message

### January 2012

Wow! Another year has past and we have so many bright ideas coming to fruition this year.

- The future restoration of the Jackson Tower Clock
- Meetings quarterly at OMSI with great hopes of expanding the exposure of chapter 31.
- The possibility of working with the Clackamas County Historical Museums. “Could there be a display of clocks/watches in the near future?” Time will tell.
- 2012 Pacific Northwest Regional in Kent, Washington in March.
- The installation of new officers for the chapter in May.
- The “National” being held in Pasadena. Now how often does it occur on the west coast? I believe the last was in 1998.....in Portland.

Many things are coming up this year for our chapter and I hope that you take advantage of the full extent of these opportunities.

The holiday/Christmas party was held at the Monarch and it was a wonderful time of conversation, food, and entertainment by Merry and Rod Lloyd and their hand bells.

It was a great time.

We also had a chapter council meeting and we hope to be making some changes to the bylaws of the chapter that will smooth out getting items approved with a quorum of council members via email. There will be more information to come soon.

In the meantime- the chapter is having a wooden case made to display the slave clock of the M & F clock in a safer way. Pictures will be coming in the next few months.

I want to thank Mary Martin on behalf of the chapter for volunteering the funds to the chapter to cover the cost of meeting at the OSMI.

So please make sure that you check your newsletter/website so that you make the meeting at the right location whether it be at the Beaverton Library, OMSI, or the Monarch.

If you are interested in a workshop this year or to have a field suitcase class please speak up with your ideas and volunteer!

See you soon!

Mary L. Gonzalez, President



## Upcoming Chapter Meetings / Events

Chapter 31 meets monthly (usually) on the third Sunday of the month (unless otherwise indicated).

Visitors are welcome to all meetings. If you have Time please join us.

### Chapter Meeting January 15, 2012

#### **2PM Mart, 2:30 Meeting.**

Location OMSI

One of the primary criteria for buying clocks in Austria/German is the mechanisms which has allowed Stephen to find some "pretty wonderful pieces". He will describe a few of the mechanical masterpieces with pictures and discussions.

#### **To Enter OMSI**

Enter through the Planetarium entrance ("Planetarium" is in large letters on the brick face of the OMSI building). Go to the right past the Auditorium. The classroom is across from the restrooms.

For a diagram of OMSI go to: [http://www.rca-omsi.org/calendar/room\\_1.htm](http://www.rca-omsi.org/calendar/room_1.htm)

No need to check-in since we are just going into the class room.

#### **Address**

OMSI

1945 S.E. Water Avenue Portland, OR 97214

503-797-4000

OMSI is between the 99E and the Marquam Bridge. Google OMSI and it will give a map. "follow the signs once you are close to 99E between the Burnside and Ross Is. Bridges

### Chapter Meeting February 19, 2012

2pm Mart, 2:30 Meeting.

Location to be announced:

Dead Beat vs Anchor by Bob Holmstrom. Bob will be sharing a presentation given by Jonathan Betts to the BHI South London Branch on 4 November 2010.

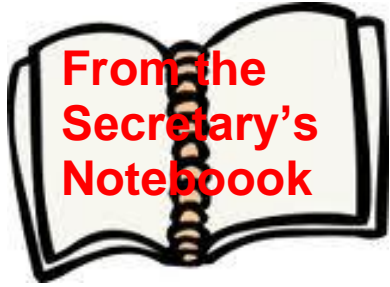
## Chapter Meeting March 18, 2012

Regional: No local meeting this month.

## Chapter Meeting April 15, 2012

Location to be announced:

French Industrial Clocks by Bill Butcher.



## Minutes of NAWCC Pacific Northwest Chapter 31

Chapter Meeting Minutes – 18 December 2011

The December meeting of Chapter 31 was called to order by President Mary Gonzalez at 2:05 PM at the Monarch Hotel in Clackamas, Oregon.

30 members and 17 guests were in attendance.

President Mary Gonzalez opened the meeting by thanking everyone for coming. She announced the Council had met prior to this meeting to discuss several items including the inclusion of the Treasurer's Report in the Chapter meeting minutes, the possible raising of the Annual Chapter dues & a proposal to begin preparation of a more appropriate display cabinet for the M&F slave clock. The slave clock has been in storage for a number of years & is not a suitable match to the clock itself. None of the above proposals were put to a vote as we did not have a quorum. Items will be discussed and put forward to the membership at a later date.

Correspondence: We received the Agenda & application blanks for the 2012 Pacific Northwest Regional, which is to be hosted by the Puget Sound Chapter 50 & supported by Chapters 53, 121, 135, 157 & 31. Members were reminded the date has been changed to March 30, 31 & April 1, 2012 because the venue in Kent has already booked for the May dates. You will find a copy of the application on the NAWCC web-site as well as our own [www.NAWCC31.ORG](http://www.NAWCC31.ORG) or you may get a hard copy from our secretary Kristen Freiermuth, 503 255 7685. Call & it can be mailed.

Approval of Minutes – October, November Minutes not approved at this time.

Action Item: Referred for approval at our January Chapter meeting.

Treasurer's Report – Betty Chisum.

Member's Report – John Bailey was out of town. Mary G. introduced news members Mary Elizabeth & Josh Harper.

Old Business: Cost of OMSI meeting room is \$50 a session, which would be quite a drain on our Chapter account; this being one of the many questions concerning an increase in annual dues.

Mary Martin indicated she would be willing to put up \$200.00 to start our meeting cost account. She hopes there will be others who would be willing to do likewise.

Raffle – Denise Johnson handled the raffle, which included a beautiful Poinsettia arrangement.

Meeting was adjourned to more MART, dinner and a concert by Rod & Merry Lloyd on their musical bells.

Adjourn: 4:05 PM

January Meeting: Sunday the 15th of January 2012 at OMSI. 2PM Mart, 2:30 PM.

February Meeting Sunday the 15th of February 2012 TBA 2pm Mart, 2:30 Meeting.

There will not be a March meeting in lieu of the Regional Meeting in Kent.

\*Remember to check your Chapter web-site at: [www.nawcc31.org](http://www.nawcc31.org)

MARK YOUR 2012 CALENDAR !

Pacific NW Regional \* Kent Commons \* Kent, WA

March 30, 31, & April 1, 2012

Theme: Military Timepieces

Public Day! SUNDAY

The following pages are an old Time Out Newsletter for you to revisit

# 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.

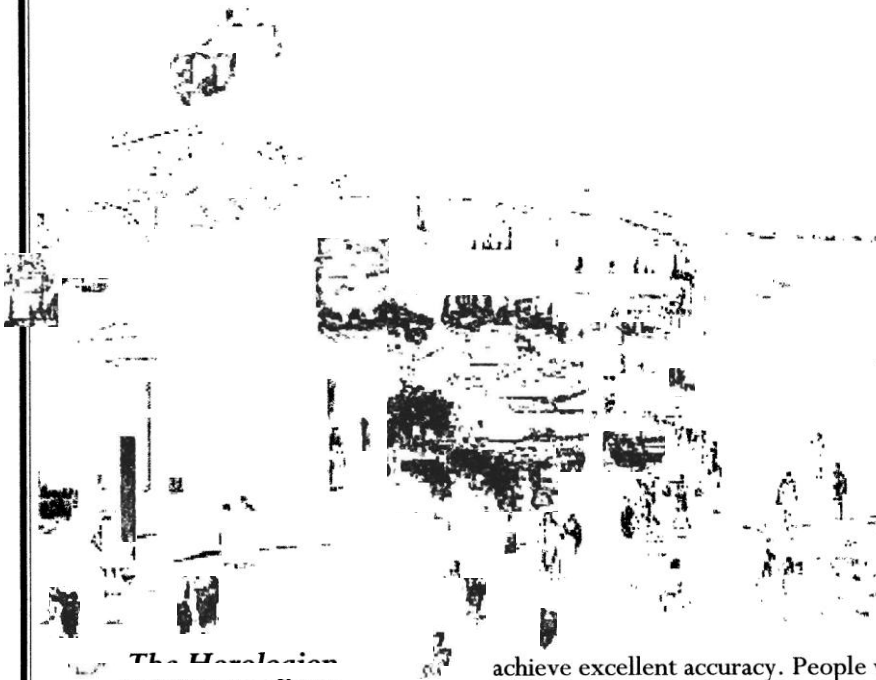
A Macedonian astronomer, Andronikos, supervised the construction of his *Horologion*, known today as the Tower of the Winds, in the Athens marketplace in the first half of the first century BCE. This octagonal structure showed scholars and shoppers both sundials and mechanical hour indicators. It featured 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.

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

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## 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  
vagner  
than  
yours.*

**John B.  
Priestly**

NAWCC PACIFIC  
NORTHWEST CHAPTER 31

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

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WE'RE ON THE WEB!

WWW.NAWCC31.ORG

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**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**

NAWCC Pacific  
Northwest Chapter 31  
Portland Oregon

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Rainier OR 97048