



Tick Talk - Chapter #33 N.A.W.C.C.

THE NEWSLETTER OF THE TORONTO CHAPTER OF NAWCC

MEETING AT The Crowne Plaza Hotel 33 Carlson Court Etobicoke – November 25 2018

President's Message



Hi folks,

I apologize for not attending the

October meeting but I was at the Mid-Eastern States Regional in Greensboro, N.C. The mart at the regional was extremely well organized but seemed smaller than in prior years.

Once again, I had the pleasure of meeting Rich Newman, National Chair, and he commented on how much he enjoyed his visit to our chapter last May. Both he and I believe that Chapter 33 is one of the most enthusiastic chapters in the NAWCC.

Special thanks are extended to Mike Aubrey for his presentation on the St. Catherine's lighthouse on the Isle of Wight and other horological gems from his recent trip to England.



Fascinating Chimneyless lamps brought by Paul Johnson

Certainly, the display of clockwork, chimneyless lanterns by Paul Johnson at our last meeting was unique and informative and I am sorry that I could not see them. Thanks to Russ Smith and Bob Pritzker for also bringing items for display.



Barograph brought in for our Oct display by Russ Smith

Our next meeting is at the Crowne Plaza hotel on November 25. Lorne Shields will be giving a presentation on Bicycles and aspects of horological history.

Apparently, Elgin, Waltham and others also made bicycles. Who knew? We'll find out more on the 25th.

The display at our meeting will relate to Lorne's presentation. Please bring with you Early Figural Bicycle Clocks, Watches, Mileage counting instruments, Photographs, Ephemera and Memorabilia. Any items whatsoever relating to early cycling/bicycle history or even other timepieces associated with travel, such as car clocks will be welcome for our display. Remember that every item you bring in qualifies you for a prize.



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50/50 winner Mike Mear



We often have a number of guests who attend our meetings. Please introduce yourself to people you don't recognize. Not only will it make a stranger seem welcome but you might find a kindred enthusiast with whom you can share your enjoyment and interest.

As we approach the holiday season, remember that our mart tables are free.

Bring along your unwanted horological items to gain holiday spending money. Looking forward to seeing you on November 25.

Ben





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The Chapter #33 November 25

Meeting Agenda

7:30 Dealer Setup

8:00 Mart opens

Personalized Clinic “First Aid for Members”

- If you have something you need help with, or something you are looking for information on, be sure to bring it in to our First Aid Session. Put the knowledge of our Chapter members to use for you!

10:30 Greeting and remarks

10:40 Display Walk Through : **Bicycle and Transportation.**

- Members are encouraged to bring mechanisms and items related to Bicycles, and anything associated with transportation or movement.

11:00 50/50 Draw for the Winning Ticket

11:10 Presentation : Lorne Shields – **Watch that Cycle**



2018 Chapter 33 Meeting dates

November 25th

January 27th

March 24th

May 5th

Meetings begin at 8:00am
CROWNE PLAZA HOTEL,
33 Carlson Court, Etobicoke, ON 416-674-2222

Contact Us at: Chapter33toronto@gmail.com



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The St Catherine's Lighthouse and other UK treasures presented by Michael Aubrey

Long-time chapter 33 member Michael Aubrey kindly shared some very interesting horological moments that he encountered on a recent trip to the UK.

Michael shared his photographs and background information with a primary focus on 2 artifacts in particular.

The **East Cowes Castle Turret Clock** was rescued and partially restored in the 1960's when the castle was demolished and now resides in the Carisbrooke Castle Museum.



East Cowes Castle

This clock was originally installed on the turret of East Cowes Castle, a Gothic-style mansion designed by architect John Nash. Mr. Nash is notable as the

architect responsible for many of London's most impressive and famous buildings and landmarks. The clock was made by John Moore in 1819. Moore's business was based in Clerkenwell, London where he made hundreds of turret clocks which were installed all over Britain.



His company also made lighthouse equipment such as revolving lanterns and striking fog-warning bells. The East Cowes clock was the first of 11 clocks made by the firm for island buildings between 1820 and 1880.



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Moore's clocks were installed in the town halls in Newport and Ryde and the churches in Carisbrooke, Brading and St Thomas in Ryde.

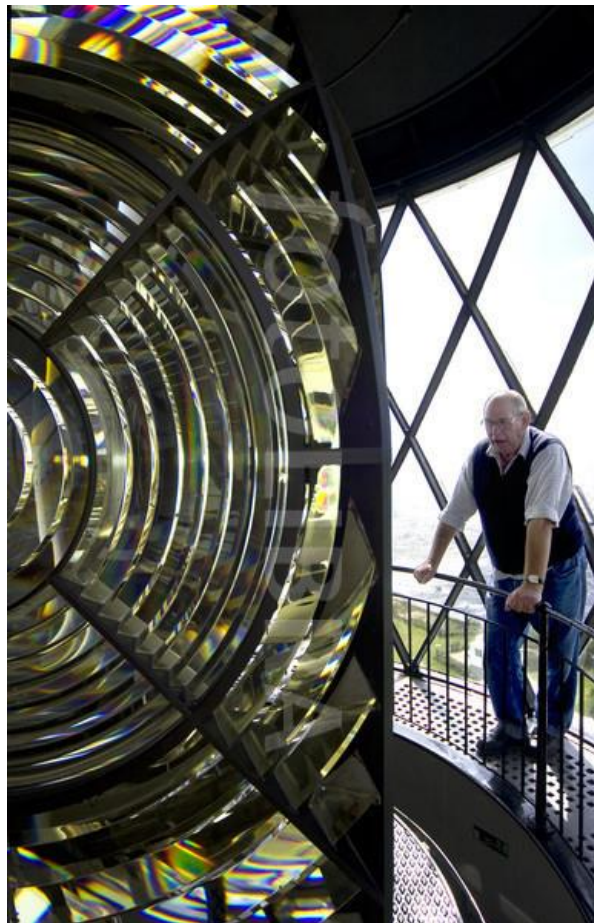


When originally rescued the clock was taken to the Isle of Wight College where it underwent initial restoration by students and staff. The clock was subsequently acquired by the Carisbrooke Castle museum. It underwent a complete restoration in 1996 and is now on display at the museum.

The next stop on the tour was the Lighthouse at St Catherine's point on the Isle of Wight.



St. Catherine's Lighthouse, located at St Catherine's Point at the southern tip of the Isle of Wight, is one of the oldest lighthouse locations in Great Britain.



The first lighthouse was established on St. Catherine's Down in 1323 on the orders of the Pope, after a ship ran aground nearby and its cargo was either lost or plundered. Once part of St. Catherine's Oratory, its octagonal stone tower can still be seen today on the hill to the west of Niton. It is known locally as the "Pepperpot".

The new lighthouse, built by Trinity House in 1838, was constructed as a 40-metre (130 ft) stone tower; however, its light was often obscured by fog, which led to its height being reduced by 13-metre (43 ft) in 1875. When the cows on the Downs first saw its light, they're said to have stampeded in fear.



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It has a range of 25 nautical miles (46 km; 29 mi) and is the third-most powerful of all the lights maintained by Trinity House. Another tower, built immediately alongside in 1932, houses the now redundant fog signal (discontinued in 1987).

It was one of the first lighthouses in the world to be powered by electricity when arc lamps were installed in 1888. They could be seen for an incredible 18 miles.

Lighthouses are equipped with unique light characteristic or flashing pattern that sailors can use to identify specific lighthouses during the night. Lighthouses can achieve distinctive light characteristics a few different ways. A lighthouse can flash, which is when brief periods of light interrupt longer moments of darkness. The light can occult, which is when brief periods of darkness interrupt longer moments of light. The light can be fixed, which is when the light never goes dark. A lighthouse can use a combination of flashing, occulting, or being fixed in a variety of combinations and intervals to create an individual light's characteristics.

It is a common misconception that a lighthouse's light source changes intensity to create a light characteristic. The light source actually remains constant and the rotating Fresnel lens creates the various changes in appearance. Some Fresnel lenses have "bulls-eye" panels which create beams of light that, when rotated between the light and the observer, make the light appear to flash. Conversely, some lenses have metal panels that, when rotated between the light and the observer, make the light appear to go dark.

The lighthouse had a clockwork mechanism that caused the lens to rotate. The mechanism

consisted of a large weight of approximately 275 pounds attached by a cable through the center of the lighthouse to the top where the cable wrapped around a barrel or drum.

The keeper would crank the clockwork mechanism, which would lift the weight by wrapping the cable further around the barrel.

Once the weight lifted to its apex at the bottom of the first landing, the keeper would let the weight fall, which would pull on the cable, which would in turn rotate the barrel. A series of gears took the rotation of the barrel and transferred it to the Fresnel lens, which would then rotate to create the lighthouse's unique light characteristic. The lens was floated on a bed of liquid mercury in order to reduce friction. The mercury was protected from contact with the air by a layer of oil which floated on the surface and "sealed" the mercury to minimize the health risk. Creating a specific characteristic required a way to regulate the speed of the rotation, hence the clockwork part of the mechanism. The weight had to fall at a certain rate to create the proper rotation speed of the lens and a regulator accomplished this. The weight reached the bottom of the tower every two and a half hours, making the keepers return to the top of the lighthouse to rewind the mechanism several times during the night.

We want to thank Michael for giving us his time and sharing these 2 historically noteworthy items. His presentation was an excellent illustration of the breadth of the skills and influence of clockmakers throughout history.



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Member Services

We are often approached by folks looking for someone who can help them fix a watch or a clock they have. At Chapter 33, we have a lot of talented folks who may be able to help you out. Do you provide a service? Buy or Sell? Drop us a note at Chapter33toronto@gmail.com and tell us about it. We'll feature your ad in the Newsletter as well as our club Internet site: www.TorontoChapter33.ca

Service Your Watch or Clock

John Rocha - Cambridge ON

joaorocha73@yahoo.com

519-620-3723

Rob Poolman – Hamilton/Grimsby

robsantiqueclocks@bell.net 905-407-0360

Glass Tablet Restoration/Reproduction

Dennis Burgin - Oakville ON

dennis.burgin@sympatico.ca

Glass Cutting/Bevelled Glass

Ben Orszulak - Grimsby ON

ben.orszulak@sympatico.ca

Roman Dial Restoration/Repainting

Dennis Burgin - Oakville ON

dennis.burgin@sympatico.ca

Gear Cutting and Precision Machining

Ben Orszulak - Grimsby ON

ben.orszulak@sympatico.ca

Clock repair instuction Ron Metcalfe -

Brampton ON rmetcalfe1048@rogers.com

905-793-1048

Classifieds

For Sale: Dutch Clock Parts. Stoel and Staarklok parts available. Contact Jerrit Vanderzwan 1 844 252 0177.

Buying: Watches and Clock Collections. Large electric master clocks and parts wanted. Watchmakers tools. Harold Steurer 905 450 6211 or haroldsteurer@rogers.com

For Sale: Myford ML7 Lathe. Has had very limited use. Includes lathe, bench and a very extensive list of parts. Parts list and more photos available upon request. Asking \$2,500 including all parts and attachments.



Please contact: Nick Turnbull

20 The Granite Bluff

Bracebridge, Ontario

P1L 1L4

705-645-9971

nturnbul@muskoka.com

Something to add? Contact us at Chapter33@rogers.com



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First Aid Mentoring Clinic for Members – Resource for All!

Now running concurrently with the Mart!!

Chapter #33 will continue to run this part of the program in the Mart room during the same hours as the Mart. Each meeting we tend to have three or four “projects” show up that fellow members can inspect and discuss. The idea of this segment is to provide members with even more opportunities to learn and to get specific help geared directly to your needs. If you have something that you’d like to learn more about, or perhaps something you need a little help with, be sure to bring it along and benefit from the experience of your fellow members.

2018 – 2019 Membership Renewal

The next Toronto Chapter 33 Meeting will be Sunday November 25th at the Crowne Plaza Hotel. The Travelodge is still under construction... so we will be having our first 3 meetings of the new year at the Crowne Plaza Airport Hotel at [33 Carlson Court Etobicoke](#) (Where the May Invitational was in the Spring!!)

Dues for 2018 – 2019 are \$35.00.

You can pay at the door or send your cheque to:

David Ornelas

318-43 Laurier Ave.

Milton ON L9T 3M9

