

# **NAWCC Chapter 78—Electrical Horology LINKS**

## **The Electrical Horology Section of The NAWCC Website**

<https://new.nawcc.org/index.php/chapter-78-electrical-horology-society>

**Horologix: A great site to review restoration of Bulle and Eureka clocks**

<http://www.horologix.com/index.html>

**Sangamo and Hamilton-Sangamo Electric Clocks**

<http://www.sangamoclocks.com/>

**Rene Rondeau's website for the complete history of the Hamilton Electric Wristwatch.**

<https://www.hamiltonwristwatch.com//>

**Roger Russell's websites for all things Jefferson, Mastercrafters and Haddon**

<http://www.roger-russell.com/jeffers/prins.htm>

**Pappy's Warren Telechron Clock Website and Forum**

<https://www.telechron.net/main.htm>

**Pulsynetic Clocks by Gent's of Leicester**

<https://pulsynetic.eu/>

**Selfwinding Clock Company of NY and Western Union Clocks**

<https://www.abbeyclock.com/western.html>

**Clock Museum of the Electric Time Company**

<https://www.electrictime.com/museum/>

**Prof. Dimas de Melo Pimenta Clock Museum, Brazil**

<https://www.dimep.com.br/museu/>

The Prof. Dimas de Melo Pimenta Clock Museum has a collection with some 700 models, including pocket watches, wall clocks, table clocks, cuckoo clocks and electric Bulle patent clocks produced through the 1970s. The museum, probably the largest in South America, has a self-guided tour using the computer mouse which might be challenging for some but is well worth the effort. Google translate should be able to translate the Portuguese narration.

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**ClockDoc**, the most complete website in the world devoted to electric clocks. We have now established a relationship with our friends in the United Kingdom, whereby we get monthly updates to changes in the ClockDoc website which I will include at regular intervals for our members.

<https://clockdoc.org/Default.aspx?aid=148>

## December, 2024 Updates are:

Two new [Ferramo](#) Ferraris driven clocks by Bauerle. This was previously discussed on this group and now we have more information

The [later type of Kelvin Hughes](#) quartz marine chronometer, after the company stopped using Patek Phillipe movements. We don't know who made this movement, can anyone recognise the makers mark? Its not in the Kochmann book, but possibly it is too recent.

Another [1 second Ericsson master clock](#)

Two early quartz from Staiger, the [QC2000 and QC2001](#). The QC2000 was Staiger's first quartz and both date to early 1970s with interesting quartz timed electromechanical movements

New information and another [very early Siemens Shuckert](#) master clock. Back in October we listed an early 1906 Siemens master, but now we have not only a second example but a lot more information on the maker.

A [less common Bardon pendulum bob](#) design. This Bardon pendulum is uncommon, but a recognized rare variation.

Check out the website, particularly if you have an interest in a particular clock or company.

These and previous updates can be seen at <https://wp.clockdoc.org/updates/>

## **Antiquarian Horological Society, Electrical Horology Group**

<https://www.ahsoc.org/groups/electrical-horology-group/>

## **Michael Ridout's Electrical Horology Website**

<http://www.electric-clocks.org.uk/>

## **Westclox, Warren Telechron, Standard Electric, and Seth Thomas Clock History**

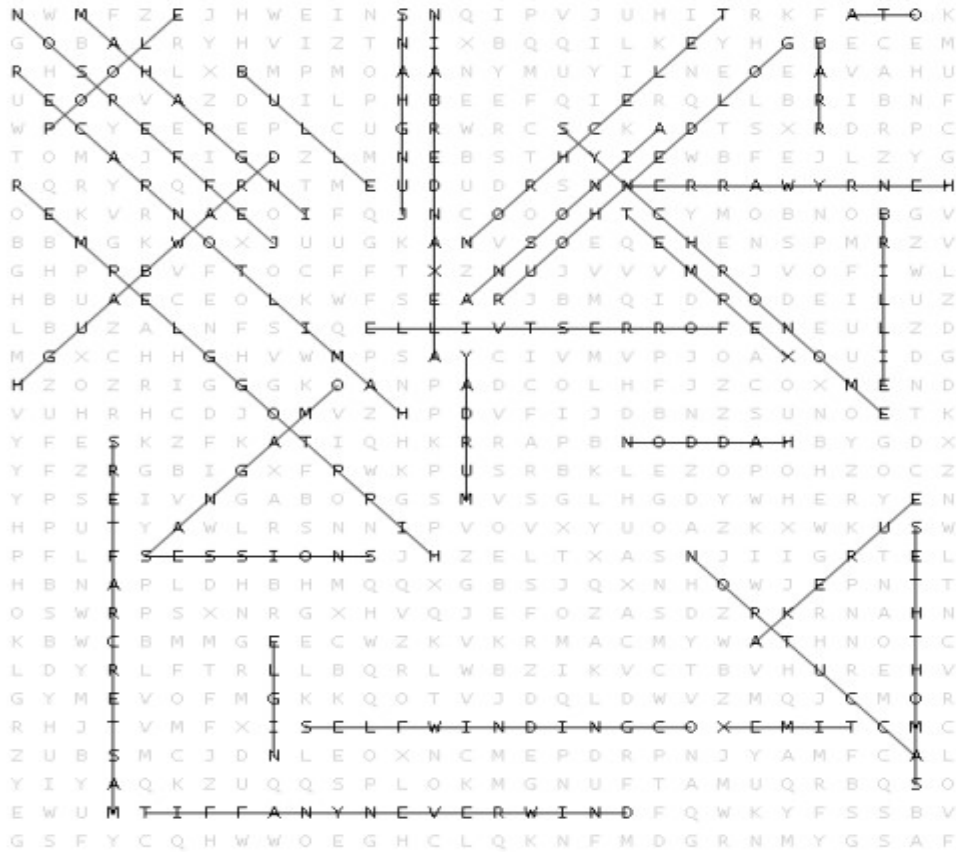
<https://clockhistory.com/>

## **Forum for Collectors of Flip Digit Clocks**

<https://www.flipclockfans.com/forum/>

*If you are aware of any other interesting electric clock / watch websites or YouTube videos, please bring to the attention of the Editor: Alex Melchert, rxmelchert@aol.com*

# ELECTRICAL HOROLOGY CHAPTER78 WORDSEARCH



ACCUTRON  
ATO  
BULLE  
EUREKA  
HADDON  
HIPPTOGGLE  
JUNGHANS  
POOLE  
SELFWINDINGCO  
SYNCHRONOME  
TIFFANYNEVERWIND

ALEXANDERBAIN  
BARR  
DRAWBAUGH  
FORRESTVILLE  
HAMILTONPACER  
INGRAHAM  
MASTERCRAFTERS  
REMPE  
SESSIONS  
TELECHRON  
TIMEX

ANSONIA  
BRILLIE  
ELGIN  
GOLDENHOUR  
HENRYWARREN  
JEFFERSON  
MURDAY  
SANGAMO  
SETHTHOMAS  
TEMPEX

Electric Watch Question (see page 4 for answer)

In what year was the first watch with a digital display introduced ?

- A. 1952
- B. 1962
- C. 1972
- D. 1982

## ***YOUTUBE Electric Clock Videos***

<https://www.youtube.com/watch?v=X4ZKsxJiNnY> **Telechron Electric Clocks, Company History**

[https://www.youtube.com/watch?v=-BVJoqq\\_7pg](https://www.youtube.com/watch?v=-BVJoqq_7pg) **Smiths Setric Electric Mantle Clock**

<https://www.youtube.com/watch?v=WO3LMk5tSdw> **Antique Lux Spin Start Electric Clock**

[https://www.youtube.com/shorts/30Bs\\_IBvHHI](https://www.youtube.com/shorts/30Bs_IBvHHI) **Brillie early twentieth century electromagnetic wall clock**

<https://www.youtube.com/watch?v=S4kKqoHyoS8> **POOLE MELROSE Antique Mantel TOP Bakelite Clock USA Electrical Electric**

<https://www.youtube.com/watch?v=lMcfSoAL1og> **ATO LEON HATOT Antique Mantel Clock Rare France French Electric Shelf**

[https://www.youtube.com/watch?v=Nm\\_4KN6GdEw](https://www.youtube.com/watch?v=Nm_4KN6GdEw) **BARR Mantel TOP!! Clock DOME Antique Shelf Electric USA New York 002**

<https://www.youtube.com/watch?v=xunmtQuvHj0> **Schmitt Horan & Co. Auction May 18 & 19, 2019- Electric Horology**

<https://www.youtube.com/watch?v=fZV3WuYH5dw> **Standard Electric Time Master Clock Restoration Part 1**

<https://www.youtube.com/shorts/lqthpfE3S0Q?feature=share> **Rare Eureka Dome Clock**

<https://www.youtube.com/watch?v=UOdh9f2DPJA> **Eureka Clock Company 1000 Day Electric Clock 1908 London 1st Electric Clock**

<https://www.youtube.com/watch?v=Dcb39EbsGKk> **KIENINGER KUNDO Electric Mantel TOP Clock Vintage VERY RARE!! German Shelf**

<https://www.youtube.com/watch?v=-jhtmwj2jII> **POOLE MELROSE USA Mantel AMAZING Condition! Clock Bakelite 1932 ELECTRIC Antique**

<https://www.youtube.com/watch?v=eUCCdYNcz7A> **Mountain State Electric Company No-Key Restored**

<https://www.youtube.com/watch?v=w3rVJgsWEA0> **Hettich electromechanical clock 1980s "Hettich inventor of floating balances"**

<https://www.youtube.com/watch?v=3KGPUbK2jdk> **How to repair a Jefferson Golden Hour Mystery Clock**

### **WATCH QUESTION ANSWER: Answer C 1972**

Hamilton Watch Company produced the Pulsar, the first digital display watch in 1972. It sold for \$2100. To read the time, you pressed a button on the side, activating the appropriate combination of red light-emitting diodes (LEDs). Timekeeping was provided by a quartz crystal oscillating at four times the frequency of other quartz wristwatches of the day, giving the Pulsar an accuracy of within three seconds a month. The watch had no moving parts to wear out. The Pulsar's reign was short lived. In 1973 Seiko introduced the first watch with a liquid crystal display which could be read one-handed and used much less power than LEDs.

# ADVICE FROM THE NAWCC REGARDING "PHISHING" ATTEMPTS DIRECTED AT THE NAWCC



National Association of  
**WATCH & CLOCK**  
Collectors, Inc.

Greetings,

There has been a recent uptick in phishing attempts directed at NAWCC officers and Chapter leaders. The unfortunate truth is that if you're online in any capacity, even the most basic information about you is likely available somewhere. Most phishing attempts are not specifically targeting you, but rather a large pool of users whose information has been scraped using scripts and other software. I thought it would be appropriate to refresh everyone on what to watch for in order to protect yourselves from scams.

## Common Phishing Tactics

### Email Spoofing

- The sender's address appears to be from a known or trusted site. This is less common with Gmail, Yahoo, AOL, ProtonMail, and similar providers, as they have built-in validation to prevent spoofing.
- Be sure to always check the "From" address, even if the name appears familiar.

### Generic Context

- The message lacks specific or relevant information aside from affiliation with a club, business, or organization.
- It may contain close-ended questions for efficiency.
- Look out for words like "dear user," "kindly," or "concerning."

### Spelling Errors

- These are often intentional, meant to filter out users who are aware of common scams.

### Threats/Sense of Urgency

- Used to emotionally manipulate you into responding. They may even reference the names of family members or people close to you in an attempt to elicit a response.

Anything related to account access, unexpected 2-factor codes, late payments, shipping delays, incomplete information, or **GIFT CARDS** and banking information should be considered suspect.

Many companies and institutions are becoming aware and have taken measures to prevent social engineering attacks, but much of it is up to the end user's discretion.

USPS Delivery Team:  
Our staff was unable to deliver your package on time because the address information provided was incomplete. Please complete it within the next 24 hours:

<https://informe.us> **scam link**

(Please reply Y, then exit the text message, reopen the text message activation link, or copy the link to Safari browser to open it, and get the latest logistics status)

Thank you for choosing the USPS team

The sender is not in your contact list.  
[Report Junk](#)

**Links and attachments are especially important to be mindful of as some can immediately provide scammers access to your personal data when opened.**



## ADVICE FROM THE NAWCC REGARDING “PHISHING” ATTEMPTS DIRECTED AT THE NAWCC

*(continued)*

Lastly, I know that many of you buy, sell, and trade timepieces. Online marketplaces and groups are great platforms for finding unique pieces and reaching a larger audience. However, please be cautious when using peer-to-peer money-sending apps such as Zelle, Venmo, Cash App, Apple Pay, Chime, and others. These apps do not offer transaction protection, meaning once you send money, it is likely gone for good. To protect both parties, always use PayPal invoicing (for goods and services). Never accept checks or wire transfers from someone you don't know. A common scam tactic is for the buyer or seller to claim their PayPal account is banned or inaccessible... you can imagine the rest.

I encourage all Chapters to share this information at their next meeting. Please feel free to contact me directly with any questions.

Thank you,

**Alex Simpkins**  
Chapter Support | Media  
[asimpkins@nawcc.org](mailto:asimpkins@nawcc.org)

### Seeking Information on

#### **ANSONIA “Electric Wind” Pendulum Clock, 1928**

The Ansonia Clock Company, a powerhouse in American clock manufacturing collapsed in 1929. Its entire factory and tools were sold to the then Soviet Union, forming the basis of the Russian clock industry. In that last year they marketed an electric clock called the Franklin No. 1 and 2. The clock was unique in that it could be adaptable for 40-60 hz, AC or DC volt utility electrical power. One was recently the subject of a Antiquarian Horological Society paper from the Electrical Horology Group by Geoff Horner in the United Kingdom. That clock also was part of a 2003 NAWCC electrical clock exhibition at the Los Angeles Regional. We are looking for any other information about this clock and its production. We would appreciate anyone having more information or an actual clock to contact the Editor,

Alex Melchert at [rxmelchert@aol.com](mailto:rxmelchert@aol.com) or 516-319-9746