

CHAPTER 53 NEWSLETTER

May 2024 Spokane



Editor: Dennis Armstrong daa3@msn.com

[Next Meeting](#) *The details:*

Saturday

May 25

Time: 11:00 AM

Location:

Darcy's Restaurant

10502 East Sprague
Spokane, Washington

Lunch at noon - Individual order from menu

Need directions - please let me know



Please RSVP before May 23

by email to Dennis Armstrong
at daa3@msn.com
or call to 509-430-5304

Mart will begin at 11:00 AM

Bring some stuff for a super trading session.

Lunch at noon - Individual order from menu

Pay Dues

for 2023 & 2024

Still only **\$7.00** per year

Mail to: Dennis Armstrong
1610 Johnston Ave.
Richland, Washington 99354

**

Please visit our Chapter web page:
<https://new.nawcc.org/index.php/chapter-53-inland-empire>

Help our Chapter Grow

Bring a guest to the next meeting.

Program for May 25:

We have ordered three DVD's – will do a popularity vote at the meeting on which to show.

- 1) The Railroads and Time by Dave Gorrell (60 min.)
- 2) What is a Railroad Watch by Tom Huber (56 min.)
- 3) Carriage Clocks and How They Were Made by Doug Minty (33 min.)



Sharing letter is

"K"

Bring your "K" item and share.

members are also welcome to bring

Special or Mystery Tools

Or some other neat thing - to show and share.

May Tech Topics:

The King's Observatory is a building in Richmond, London that formerly housed an astronomical and terrestrial magnetic observatory founded by King George III. Until 1981, it was also known as the **Kew Observatory**. The building was completed in 1769, in

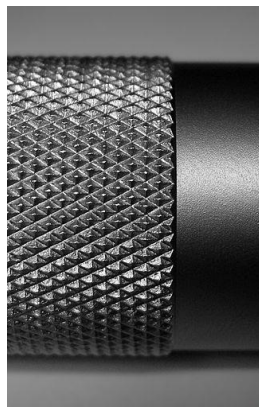
time for the king's observation of the transit of Venus that occurred on 3 June in that year.

In 1840, under the aegis of the British Association for the Advancement of Science, the facility performed a role in assessing and rating chronometers, watches, barometers, thermometers, sextants, and other scientific instruments for accuracy until this duty was transferred to the National Physical Laboratory in 1910. An instrument which passed the tests was awarded a "**Kew Certificate**", a hallmark of excellence.

As marine navigation adopted the use of mechanical timepieces, their accuracy became more important and the need for precision resulted in the development of a testing regime involving various astronomical observatories. Each movement was tested in five positions and two temperatures in ten series of four or five days each. Movements that passed the stringent tests were issued a certification from the observatory called a Bulletin de Marche, signed by the director of the observatory. This stated the testing criteria and the actual performance of the movement. A movement with a Bulletin de Marche from an observatory became known as an Observatory Chronometer and was issued a chronometer reference number by the observatory.

The role of the observatories in assessing the accuracy of mechanical timepieces was instrumental in driving the mechanical watchmaking industry toward higher and higher levels of accuracy. As a result, modern high quality mechanical watch movements have an extremely high degree of accuracy. However, no mechanical movement could ultimately compare to the accuracy of a modern quartz movement. Accordingly, such chronometer certification ceased in the late 1960s and early 1970s with the advent of the quartz watch movement.

Knurling is a special lathe process of impressing a diamond shaped or straight-pattern into the surface of a workpiece by using specially shaped hardened metal wheels. The result is an improved appearance and to provide a better gripping surface.



line

**

Please visit our Chapter web page:
<https://new.nawcc.org/index.php/chapter-53-inland-empire>

We need your ideas for future programs and meeting venues. Contact any of your officers.

Get Featured

Each of us has something to share - Please consider volunteering to do a short "Tech Talk" at a future meeting.

2024 Meeting Schedule

May 17-19 - NW Regional in Clackamas, Oregon
Hosted by the Seattle area chapter 135, but held at the Clackamas, Oregon Monarch Hotel. This will be a really great experience – Register now.

May 25 (Saturday) Spokane Darcy's

June 13 - 16 - National in Chattanooga, TN

June & July - no Chapter meeting

Please confirm before traveling
Fall schedule coming soon

The Inland Empire Chapter 53 of NAWCC covers Eastern Washington State, Northern Idaho and Northeastern Oregon. Meetings rotate between Spokane and the Tri-Cities.

Wear your Badge to every meeting

Need one?? - Simply order at the next meeting.

Pin Back is \$9.00 or

get the new Magnet Back style for \$11.00.

Your Chapter 53 Officers:

President: **Walt Swita**

sue_sammy51@hotmail.com

Vice President: **Phil Matson**

pmimnewlife@hotmail.com

Secretary / Treasurer: **Dennis Armstrong**

daa3@msn.com