

# CHAPTER 53 NEWSLETTER

September 2024 Spokane



Editor: Dennis Armstrong daa3@msn.com

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

Saturday

September 21

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 September 19

by email to Dennis Armstrong  
at [daa3@msn.com](mailto: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 2024 & 2025**

Still only **\$7.00** per year

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

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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 September 21:](#)

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

- 1) Nova: Lost at Sea - The Search for Longitude (54 min.)
- 2) The Beginning of the Wristwatch (59 min.)
- 3) Treasures of the American Watch and Clock Museum (71 min.)



[Sharing](#) letter is

**"M"**

Bring your "M" item and share.

members are also welcome to bring

[Special or Mystery Tools](#)

Or some other neat thing - to show and share.

[September Tech Topics:](#)

A **metronome** is any device that produces regular, metrical ticks (beats, clicks) — settable in [beats per minute](#). These ticks represent a fixed, regular aural [pulse](#); some

metronomes also include synchronized visual motion (e.g. pendulum-swing). The metronome dates from the early 19th century, where it was patented by Johann Maelzel in 1815 as a tool for musicians, under the title "*Instrument/Machine for the Improvement of all Musical Performance, called Metronome*".

There are two schools of thought among musicians concerning this use of the metronome—one opposed and the other favorable. "Practicing with a metronome" has been criticized by some musicians as "making you too mechanical."

Try one out at:

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

Maybe someone will bring in one to our September meeting.

**Momentum** - In Newtonian mechanics Momentum is the product of the **mass** and **velocity** of an object. It is a **vector** quantity, possessing a magnitude and a direction in three-dimensional space. If  $m$  is an object's mass and  $V$  is the velocity (also a vector), then the momentum  $p$  is:

$$p=mv$$

Momentum depends on the frame of reference, but in any inertial frame it is a conserved quantity, meaning that if a closed system is not affected by external forces, its total linear momentum does not change. A common example of the conservation on momentum is with pool table ball behaviors after the ball collision.

**Malleability** the property of a material that can be worked or hammered or shaped without breaking when subjected to a compressive load. Malleability - also called plasticity - has to do with whether something can be molded - usually be a compressive load. Many soft metals or even Clay (or Play-Doh) are examples of something with high malleability; the material can be sculpted into almost anything, so it's very malleable. A cinder block has no malleability at all; it can't

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be shaped into anything other than its original form. Wet cement has great malleability, unlike dry cement. The term is often interchangeable with ductility when dealing with metals although the term ductile is most usually dealing with material behaviors under tensile loads.

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 Fall Meeting Schedule

October 20 – Sunday - Spokane Darcy's – Letter N

November 10 – Sunday - Kennewick Applebee's – Letter O

**Please confirm before traveling**

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](mailto:sue_sammy51@hotmail.com)

Vice President: **Phil Matson**

[pmjmnewlife@hotmail.com](mailto:pmjmnewlife@hotmail.com)

Secretary / Treasurer: **Dennis Armstrong**

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