

New England Chapter No. 8
The National Association of Watch and Clock Collectors

16th ANNUAL WILLARD HOUSE WORKSHOP

Saturday, May 22, 2010, 8:00 am to 3:30 pm

Willard House & Clock Museum, 11 Willard St., North Grafton, MA 01536, 508-839-3500

REMINDER

In order to be a member of a chapter, your NAWCC national membership must be kept active

We encourage you to take the option of receiving future meeting notices via email. If so wanted, you can directly email the chapter Secretary, Les Tyrala, chap8elist@msn.com, and he will email you a confirmation.

We invite you to attend this year's one-day workshop at the Willard House & Clock Museum. The registration fee of \$45.00 for members, \$60.00 for non-members, includes horological presentations, morning refreshments, a box lunch, and access to the museum's excellent collection of Willard Clocks.

Space is limited, so please register promptly.

THIS YEAR'S WORKSHOP

We are pleased to have speakers noted for their knowledge, experience, and their ability to give informative and interesting talks. Even if you do not perform repairs or restorations, you will still benefit as a clock and/or watch collector by gaining a better understanding of what makes up these pieces.

SCHEDULE:

8:00 am. **Registration and morning refreshments**

9:00 am. **General Introductions:** Peter Nunes, President of Chapter 8, and Cynthia Dias-Reid, Director of the Willard House & Clock Museum.

MORNING SESSION

9:15 am. **Moon Dials – Don Irving**

The influence of the moon on society in the 18th century was widespread as a consequence of advances in astronomy in general and telescopes in particular. These astronomical advances were ultimately incorporated into clocks and watches in the form of phases of the moon by way of variety of different mechanical arrangements. The presentation will encompass how the moon mechanisms were made functional and became depicted on dials, different styles of moon dials, and dials displaying moon phases.

10:30 am. **Coffee break and snacks**

11:00 am. **Wheel Cutting Theory and Practice – Bill Curley**

The presentation will cover wheel cutting theory and practice starting with the use of measuring instruments, layout and blank making. All aspects of wheel making will be covered including, material choice, module calculations, indexing methods and calculations, cutter types, wheel blank fixtures and,

common machine types for this process. Examples of module calculation and the math involved in using the 40-1 machinist index head will be covered for a number of different wheel types.

12:15 pm. **Catered box lunch**

AFTERNOON SESSION

1:00 pm. **Fitting Clock and Watch Crystals – Jim Peghiny**

The methods of selecting, fitting and, if necessary, grinding crystals will be presented. Low-volume methods will be shown for the collector as well as for use in the shop. Sources of crystals will be covered as well as availability of catalogues from parts distributors. Handouts will be provided. As time permits, some attendees can practice grinding and fitting.

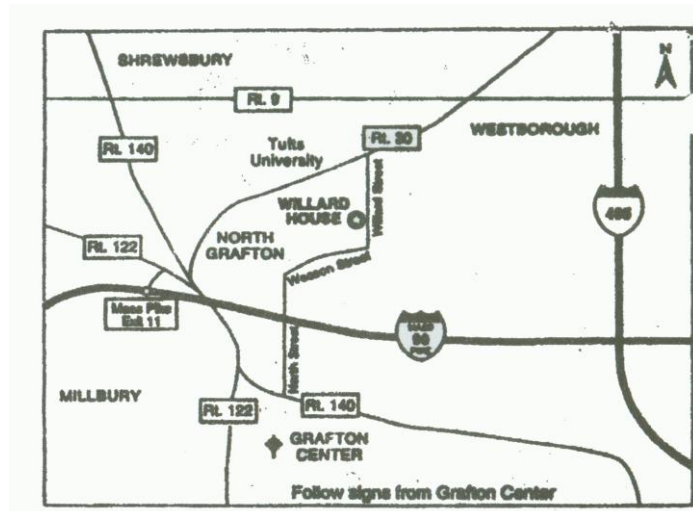
2:15 pm. **Tour of the Willard Clock Museum**

If you have never been to a Willard House Workshop, and you are interested in the listed topics, this is an excellent opportunity to hear talented and skilled presenters in the authentic setting of the Willard home and workshop. The Willard House is located in a scenic rural area where a priceless collection of Willard clocks can be viewed.

Travel Information: Take any route to Grafton Center. Follow signs to Willard Museum.

From Mass Pike, take exit 11, turn right, follow Rte 122 to Rte 140 to Grafton Center. Follow signs to Willard Museum.

From I-495, take Rte 9 to Rte 30, turn on to Willard Road at Tufts Campus. Follow signs to Willard Museum.



Future Meetings: June 12th (Auburn Elks), August 29th picnic (Wilbraham and Monson Academy)

A BRIEF NOTE ABOUT THE SPEAKERS

Don Irving has been repairing clocks for many years, and building clock cases for about 20 years. He has taken classes at the School of Horology as well as at the North Bennett Street School in Boston. Don has previously given presentations to Chapter 8 about brass dials as well as clock case construction. He is the founder and President of Data Guide Cable Corp, and lives in Westminister, MA.

Bill Curley has his clock business, Fixed in Time Clock Repairs, in Waterbury, CT and, since 1976, specializing in all manner of clock parts making. He has worked 25 plus years as a tool and die maker and is currently employed as a Mfg/Tool Engineer in the metal stamping field. Drawing from this background Bill makes parts using conventional and modern methods such a Computer Aided Design (CAD) , and WEDM (wire electrical discharge machining) etc. are used as required.

Jim Peghiny has actively collected clocks and watches since 1952 when he was given his first clock. Since his retirement in 1984 Jim, and later his daughter, Susan Faccenda, have operated a clock and watch shop in Auburndale, MA. Susan will participate in the presentation. From 1943 to 1946 Jim was an electronics technician in the US Navy, and from 1949 to 1984 he was an electronics engineer.

**Please Return by May 14th
in the Enclosed Envelope**

Registration for the May 22, 2010 Willard House Workshop

Registrations: \$45.00 each for members (\$60.00 for non-members), total enclosed \$ _____

Name(s): _____

Street: _____

City, State, Zip: _____

Phone: _____ **Email option:** _____

*Mail with check payable to "NAWCC Chapter 8" to: **Wayne Paskerian, 5 Warren St, Winchester, MA 01890***
