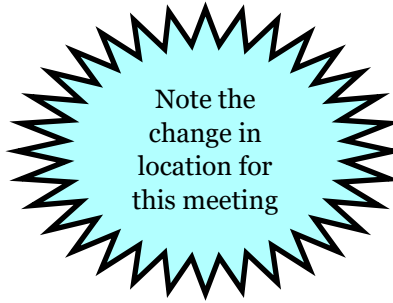


TWA Newsletter

Next Meeting: Tuesday,
February 21, 7:00 pm

Location: Woodcraft

Note: there will not be a Zoom
option for this meeting



Join us for this meeting when Woodcraft hosts us at their store located at 4317 Pleasant Valley Road in Raleigh. They have quite a night planned including presentations by Woodcraft store owner Marshall Fletcher and store manager Herb Shelly, show and tell on new products, general Q&A and networking, a private in-store sale event for the club with a 10% to 15% discount depending on category (excluding power tools), and refreshments.

Make sure you have this on your calendar!

Host: Kerry Schoolfield

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TWA GENERAL MEMBERSHIP MEETING—JANUARY 17, 2023

(meeting minutes: James Sapp)

Roy Brookhart opened the regular monthly meeting at Klingspor's Woodworking shop in Cary, NC and on Zoom. There were 20 in-person attendees and 12 on-line. David Walbert attended as a new member. There were no guests.

Roy re-emphasized the club's current focus on bringing in new members and reminded members of the on-going incentives to bring in new members. There are quarterly drawings for gift cards at woodworking stores for those who bring in new members. Any member bringing in three new members during a year will have their membership dues waived for a year.

Joe Sabo recapped some key highlights from last year's Toys for Tots program and the December presentation at the Atria Senior Center in Raleigh. Twelve Toys for Tots workshops, consisting of 34 club members

and 9 non-members produced and delivered to the Marine Corps 6589 toys, the highest number ever by a wide margin. The annual Klingspor's workshop involved 17 people and produced 983 VW cars.

During the December meeting, the Marine Corps reviewed the Toys for Tots program needs and encouraged us to deliver 15 to 20 percent more toys in 2023 and to deliver them earlier (November). The Marines also said they could use our help in sorting toys. To meet this challenge will require more planning and resources. Joe indicated that we could benefit from more workshop teams as we are now down to 12 teams versus 16 in the past. Joe would welcome anyone who would like to lead a workshop.

The Atria Senior Center Manager, Jess Meredith, related to Joe that their residents would like to participate in some way with the

toy making. Joe will see what ways we could involve the residents.

Joe occasionally gets requests from individuals to purchase toys that are made for the program. If the request is reasonable and can be done without issue to the Toys for Tots program, Joe has sold toys in exchange for a donation to the program. Others are free to follow Joe's example. Be sure to send the donations to Jack Kite, our Treasurer.

Roy closed the meeting with a couple of items. First, a reminder that the February meeting is at Woodcraft in Raleigh. Second, the program committee is developing an interesting program for this year. We are looking to bring in Tom McLaughlin for a live presentation and a workshop in the spring.



Joe Sabo provided a summary of last year's Toys for Tots results (photos: Roy Brookhart)

TREASURER'S REPORT (DECEMBER)

Beginning Balance:	\$10,693.71
Income:	\$615.00
Expense:	\$9.79
Ending Balance:	\$11,298.92
Does not include Petty Cash of \$86.00	

Submitted by Jack Kite, Treasurer

JANUARY FEATURED SPEAKER - JOE CARR

(meeting minutes: James Sapp)

The January meeting presentation was given by Joe Carr. Bob Gabor, from the TWA Program Committee, introduced Joe, who spoke about wooden gear clocks. The program was captivating and awe-inspiring. The slide show presentation and entire video recorded presentation are available in the members area of the TWA website.

Joe started down the path of making wooden gear clocks about nine years ago, when he got interested in perpetual calendars, which eventually got him into the pursuit of building wooden gear clocks for clients. Joe presented a slide show describing the details about the design of gears and how they interact with other gears to produce specific movements needed for clocks. Joe cited an on-line resource for designing gears from Mattias Wandel, www.woodgears.ca. Given the technical background on gears, Joe went on to show how he makes the gears and assembles the clocks. For gear materials he uses Baltic Birch plywood because of its dimensional stability and lack of voids. He has also used composites, such as phenolics for gears. He purchases his brass and

stainless tubing for shafts on-line from K&S Precision Metals. Joe uses stepper motors to drive the gears and Arduino boards to control the motors. To wrap things up, Joe brought some clock prototypes to demonstrate their operations. One model with a backwards moving minute hand was quite interesting. Joe has a patent for this unique design. Examples of clocks Joe has made for clients are in the slide show presentation. Overall, Joe's presentation was highly informative and entertaining. Be sure to watch it on the website.



Joe Carr (top) gave a fascinating presentation on clocks. Bob Gabor (middle) was the host for this meeting (photos: Roy Brookhart)

TOYS FOR TOTS WORKSHOPS

2022 was a very good year for the club and for toy making for T4T. 2023 is shaping up to be a challenging year as the Marines have challenged us to make 15-20% more toys because the need is so great within the community. If you are a new member or a member in the organization for some time, and are interested in being a workshop host or become a member of a workshop, please contact Joe Sabo by email (sabojc12@gmail.com) as soon as possible. We will discuss and make whatever you have in mind happen.

Thanks in advance,

Joe Sabo, Toys for Tots Committee Chairperson

THANK YOU TO OUR MEMBERS

TWA would like to thank members who provide donations to the club or the Toys for Tots fund. The following members have made generous donations to the club or the Toys for Tots fund within the club in the last month.

- Bill Brickey (also a new member)
- David Walbert (also a new member)
- Raymond Savarda
- Keith Johnson

NEWSLETTER CONTRIBUTIONS

Please send newsletter content for future newsletters to Fred Ford (fredford22@gmail.com) and Karin Pihel (karin.pihel@gmail.com).

Contributions for each newsletter are due by the last day of the previous month.

MEMBERSHIP COMMITTEE

In January, TWA welcomed David Walbert and Bill Brickey to our club. Be sure to welcome David and Bill when you see them online or in person.

Our recruitment drive will continue: if you recruit a new member to TWA in the 1st quarter (January-March), you will be entered into a drawing for a \$50 gift card to a woodworking store. One entry for every new member you bring in. Also, if you recruit three new members to TWA in calendar 2023, your next year's membership in TWA will be free!

Barton Meeks, Membership Committee

UPCOMING MEETING

Date: Tuesday, March 21

Speaker: John Montague

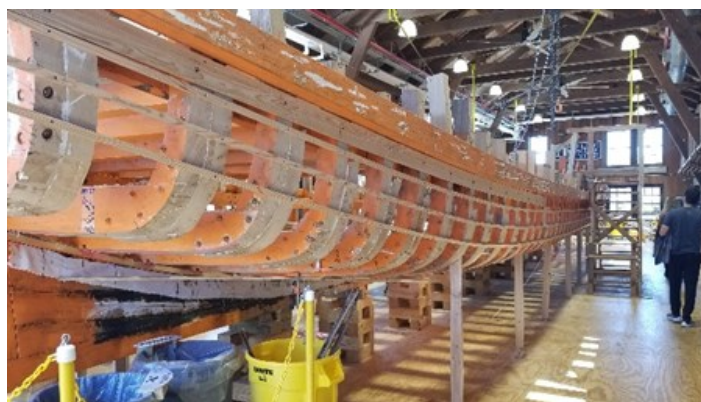
Topic: Building a Canal Boat

Location: Zoom only

The Buffalo Maritime Center is in the midst of a challenging project constructing a carefully researched and designed replica of Governor DeWitt Clinton’s canal boat Seneca Chief. It was this 73’ vessel which officially opened the Erie Canal in 1825 travelling from Buffalo to New York City and back in what was at the time celebrated as the “Wedding of the Waters.”

The boat will be completed this coming September (2023) by our volunteer building crews of over a hundred men and women all trained by the Center’s two master boatbuilders. The boat will be launched for ‘sea trials’ in the spring of 2024 and, for the Canal’s Bicentennial Year of 2025 she will reenact the 1,025 mile round trip journey from Buffalo to NYC and back. After 2025 the Seneca Chief will have its permanent home at Buffalo’s Erie Canal terminus but regularly travel the New York State canal system as a travelling “living history site.”

In my presentation I will briefly outline the Buffalo Maritime Center’s vision for the project as a multi-dimensional educational civic outreach program to help reconnect the City of Buffalo and the State to



A picture from Roy’s visit to the Buffalo Maritime Center (photo: Roy Brookhart)

their historic waterways. But more specifically, I will discuss and illustrate some of the major challenges in designing and constructing a historically accurate vessel of this scale and complexity. I will share some of the foreseen and unforeseen issues we encountered like the desperate search for high quality white oak especially in the quantities required. Also, how we found ourselves having to improvise: forge some of our own hardware, devise special clamps, jigs, steam boxes and improvise special tools as we went along.

At the Center, we have built hundreds of boats over the years but this is the largest project we’ve undertaken so far. We’ve learned, and are learning, a lot in the process and we are anxious to share.

Host: Roy Brookhart

MENTORS

Mentor	Service/Skill Offered	Phone Number	Email Address
Hugh Fish	Chairs, Joinery, Machinery & Power Tools, Mantles, Routers, Tables and TV Cabinets, Turning	(919) 467-5696	hughpatfish@yahoo.com
John Margeson	Baby Furniture, Beds, Bookcase, Chairs, Chest, Decks, Tables	(919) 876-3476	jmalice@bellsouth.net
Mike Resar	Baby furniture, Beds, Bookcase, Cabinets, Chest, Drafting, Dressers, Tables, TV Cabinets	(919) 876-1664	atwaterla@ncleg.net
Allen Campbell	Simple inlay, Staining/dyeing, Pen turning, Cabriole legs	(919) 772-4551	aacjr@nc.rr.com
Cecil Raynor	Joinery, Finishing, Tables, Chairs	(919) 815-9155	cecil_raynor@yahoo.com
Amy Dowden James Sapp	Google SketchUp	(919) 932-6252 (919) 586-7280	amydowden1@gmail.com james.b.sapp@gmail.com
Ken Serdar	CNC woodworking		ken.serdar@gmail.com

BOARD AND COMMITTEE MEMBERS

POSITION

President
Vice President
Secretary
Treasurer
At Large Board Member
At-Large Board Member
At-Large Board Member

BOARD MEMBER

Roy Brookhart
OPEN
James Sapp
Jack Kite
Chris Gebhardt
Joe Sabo
Judy Sanwald

COMMITTEE

Program Committee

Toys-for-Tots Committee

Newsletter Publications Committee
Library Committee
Publicity Committee
Sponsor Committee
Internet
Mentor Committee
Membership Committee
Audio/Visual Committee
Photographer
Social Media
Raffle Committee
TWA Duties and Responsibilities Editor

CHAIRPERSON / MEMBERS

OPEN / Jeff Leimberger, Cecil Raynor, Bob Gabor, Kerry Schoolfield, Mike Payst, Cathy Harms

Joe Sabo / Cecil Raynor, Pete Hodges, Bob Gabor, Terry Tenhouse, Bob Andrews and Judy Sanwald, Jim Rhodes, Les Hall, Alex Knittel, Bob Guenther; Roy Brookhart, Tom Hegele, Mark Darby

Karin Pihel / Fred Ford

Jerry Rhoades

Roy Brookhart

OPEN

Paul Holzworth

Allen Campbell

Barton Meeks / Judy Sanwald, Paul Holzworth, Sue Bunch

Tom Revelle / Leon Abbas, James Chamberlain

Roy Brookhart

Chris Gebhardt

Mike Payst

Fred Ford

TWA SPONSORS

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919-876-3223

3125 Gresham Lake Rd. Unit 116

Raleigh, NC 27615

www.ashcroftsaw.com

25% off list on blades and 10% off on sharpening

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919-832-6492

4216 Beryl Rd.

Raleigh, NC

1-800-244-6492

www.capitolcitylumber.com

Special prices to TWA members

The Hardwood Store

1-888-445-7335

Gibsonville, NC

1-888-445-7335

www.hardwoodstore.com

Discount: 10 cents per board foot

Keglers Woodworks LLC

919-608-7220

330 Dupont Circle

Raleigh NC 27603

mkeglers@earthlink.net

Klingspor's Woodworking Shop

919-876-0707

MacGregor Village Shopping Center

107 Edinburgh S Dr. Suite 151, Cary NC

(Exit 98B off of US 1)

www.woodworkingshop.com

10% discount excluding lumber and power tools

Tarheel Wood Treating Co.

919-467-9176

10309 Chapel Hill Rd. (Highway 54)

Morrisville, NC 27560

www.tarheelwoodtreating.com

Contractor's prices on all wood products

TWA card before order is written

Woodcraft

919-781-1911 Fax: 919-781-1980

4317 Pleasant Valley Rd.

Raleigh, NC 27612

raleighwoodcraft@bellsouth.net

<http://www.woodcraft.com>

\$25 gift certificate at each TWA meeting for the raffle

Wurth Wood Group

919-231-6620

4213 Poole Rd. (Exit 15 off I-440)

Raleigh, NC 27610

www.wurthwoodgroup.com