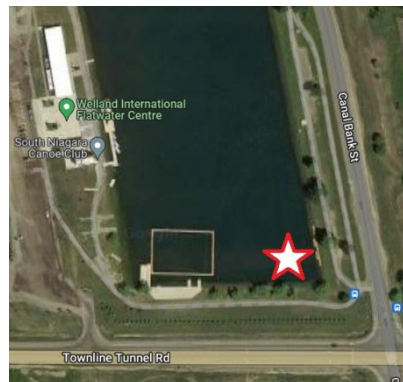


CLUB NEWS



Ron Campbell reports he and one other R/C boating enthusiast got together last month at the "local pond" on the Welland Recreational Canal at the **Welland International Flatwater Centre** on the north side of **Townline Tunnel Road** where the rowing group is.

We hope this will become a regular event next spring and summer. Ron presently has nine people on his list of R/C boaters and we encourage non-R/C members will consider dropping by.

We would like to thank Phil Main for his donation of modeling books he offered to local member via email sent on October 1st. Phil is continuing ship/boat modeling, he just didn't need them anymore as he has finished his San Juan.

We would also like to acknowledge the donation of books, magazines, plans, tools and other items from "Mac" McAllister Horne of St. Catharines. It was well received with a record request for items on the first day! There are a few books, magazines and plans left for those interested.

We will be offering another group of modeling books received from Donna Rickard of Peterborough. The list will be sent out soon.

Joe Lorenzo presented a discussion he (as the organizer of the Rochester, NY club) had with Bob Filipowski of the Midwest Model Shipwrights, Illinois club, about sharing presentations between clubs either via taped video or live. The UK group puts their recorded presentations on YouTube. It is a shame to put so much effort into preparing a presentation that will only be seen once and then allow it to be doomed to "digital dust". Every club seems to be experiencing the same problems: getting members to participate and lining up presentations for a full season. Sharing with other clubs could help alleviate the issue. Something for each of us to consider and a segue way into this...

MEETING PRESENTERS NEEDED

The MSON needs you to step up and volunteer to show your models, techniques, tools and tricks at our meetings. We have a need of content for meetings scheduled in the first half of 2023 (see schedule at the end of this issue). We would like to have some 5 minute regular model progress updates from individuals to supplement some new and fresh 15 - 20 minute main presentations. Will you answer the call?

E-mail us at: modelshipwrightsofniagara@gmail.com

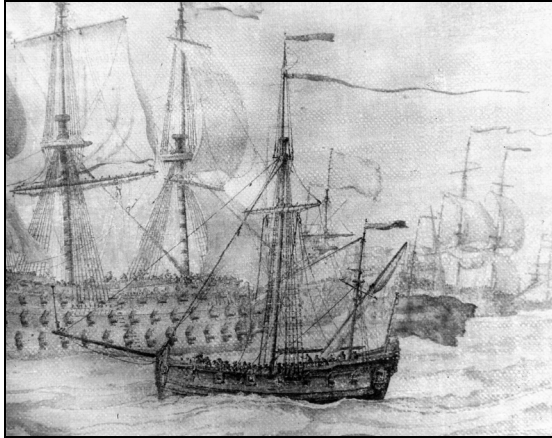
MEMBERSHIP & MEETING ATTENDANCE

The MSON presently has a mailing list of 82 members from across Canada, the USA and the UK. We had 19 people attend the October meeting, second of the new season.

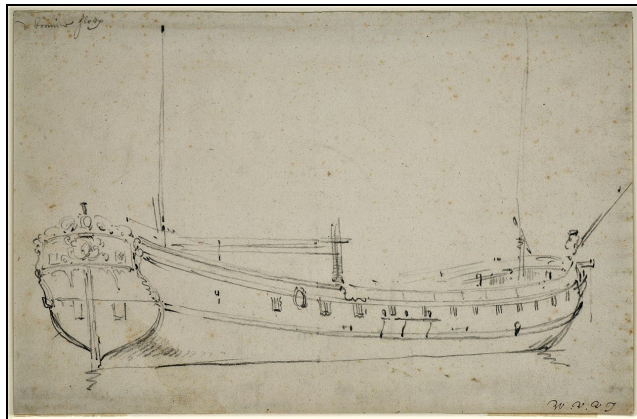
This month was yet again a virtual meeting via ZOOM. We felt it prudent not to hold a hybrid (Face to Face and ZOOM meeting) as yet. When the situation improves we will once again look at having a hybrid meeting.

PRESENTATIONS

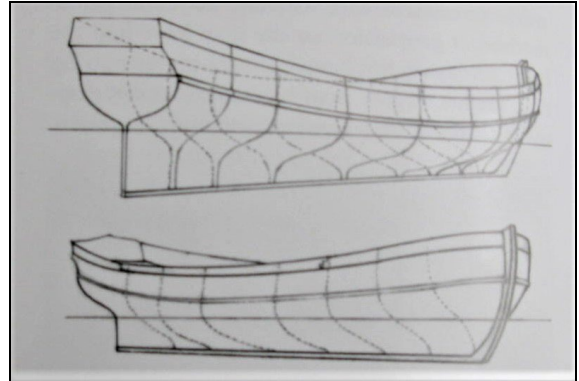
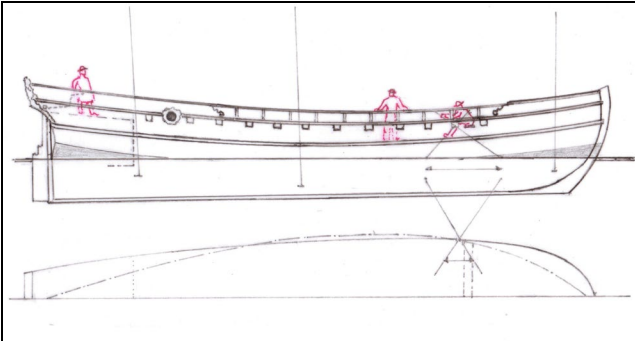
1) **Ian McLaughlan** spoke about the difficulties in researching the design and details required for the production of accurate models of those vessels that made up the origins of the “sloop of war”.



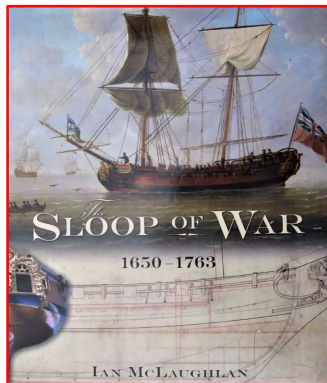
This 18th Century term really covered an operational role for which several different vessels were provided. By the Restoration in 1660 two types of vessel were employed as tenders to major warships and in the roles of communication surveillance, scouting and patrol. They were the Ketch, which was in service during the Commonwealth and the Royal or Government Yacht. To these were added the Naval two mast sloops in 1673 the latter expressly ordered to act as sea-going tugs to pull the wounded warships out of the line of battle.



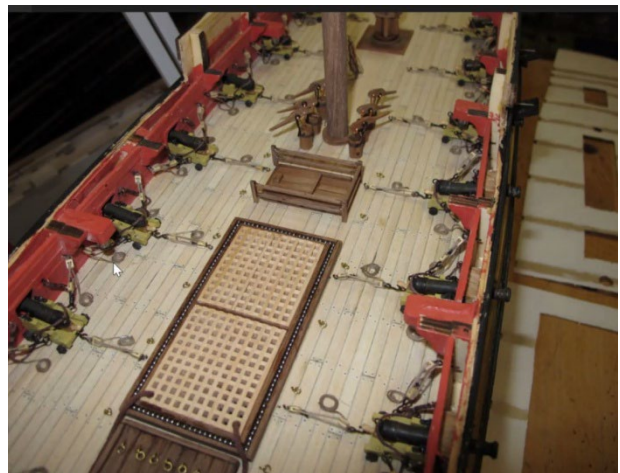
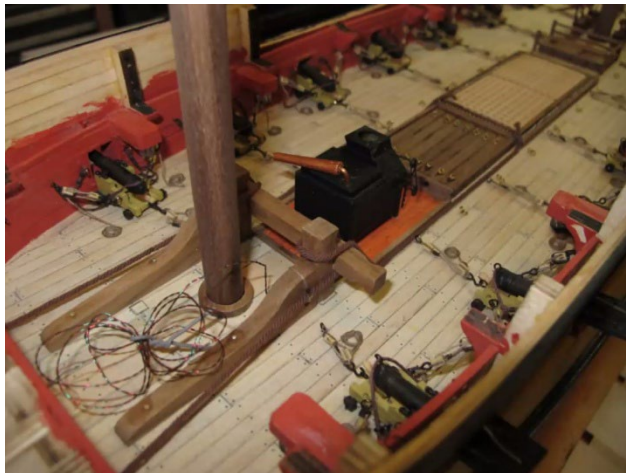
Ian pointed out that there are no plans of these vessels but dimensions can be found. So, research has to be confined to a very close inspection of the available graphic material which, fortunately due to the efforts of the Van de Velds, father and son, is copious. He then went on to illustrate how by interpreting these images carefully it would be possible to draw up plans for models that would have reasonable authority.



Some years ago Ian wrote a book (published 15 July 2014 by Naval Institute Press) on the subject to redress the fact that these small warships had been largely neglected by the maritime literary community.



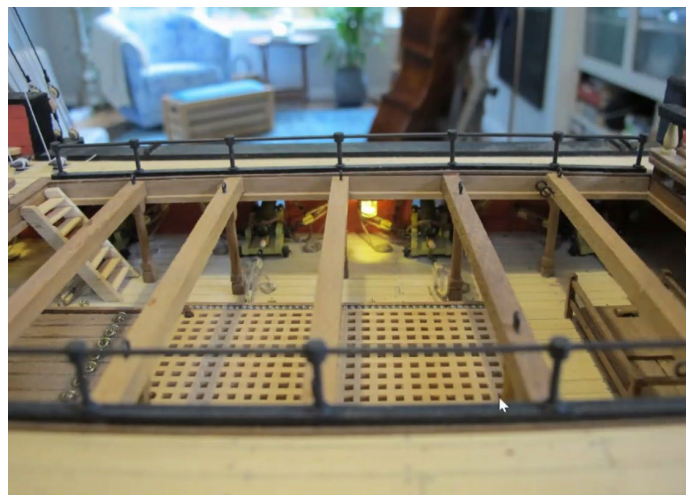
2) Wayne Marriette presented his 1:48 scale static model kit bash build of the frigate ***HMS Surprise*** of 1796 referencing plans purchased from the National Maritime Museum (Greenwich) and various books in his personal library.

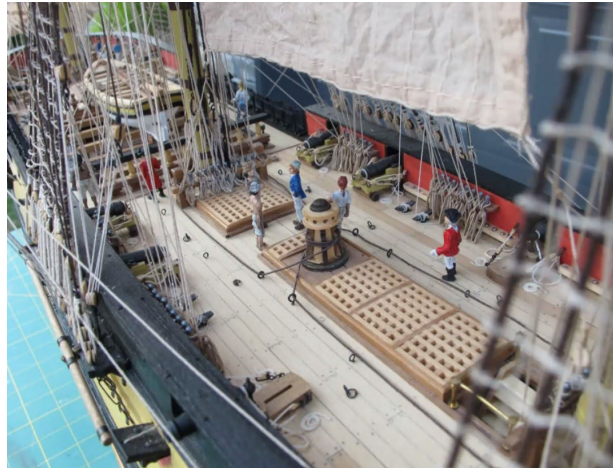


Wayne wired all lanterns so they could be illuminated via LEDs with the switch and AA batteries hidden away in the cradle below the launch mounted on the mounting board. His Captain's day cabin below was completed with limited furniture placed on the painted checkered floor.



All LEDs were tested throughout the build process as can be seen below. Guns on the lower deck were fully rigged including the training tackle whereas upper decks have them removed as they would be a tripping hazard while sailing. All changes made to the kit were to improve the quality and make it somewhat more historically correct, with the exception of the figurehead as the kit supplied one was quite bad so he exchanged it for something of better quality. Wayne added *Amati* crew men throughout the build which helps visualize scale, adds life and fully engages the imagination. The working sailors were given a black wash to make them dirty as they would have been. He made his rope using a *Domanoff* endless rope walk and finished some with a serving machine. Standing rigging was made with Gutermann poly-cotton sewing thread. Running rigging was made with Coats Egyptian cotton sewing thread. Wayne also made his own deck gratings. The carronades were not part of the kit and so were sourced elsewhere.





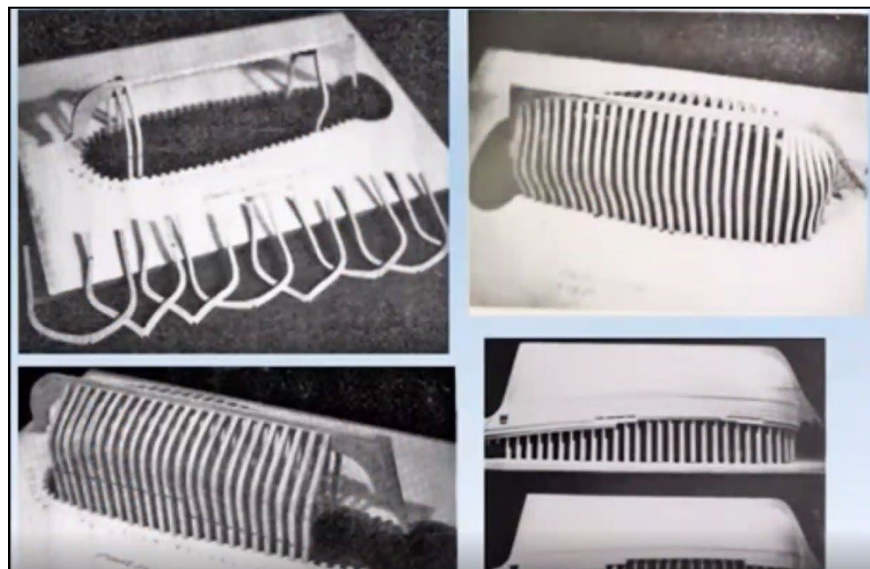
Wayne's copper plating was made from Lee Valley slug bait tape with an adhesive strip on one side. He had showed us the process for cutting and dimpling them using a Cricut machine last season. Pat mentioned he was presently learning how to use his wife's Silhouette Cameco machine which is similar to the Cricut machine.



Wayne's completed model on a floating shelf and illuminated

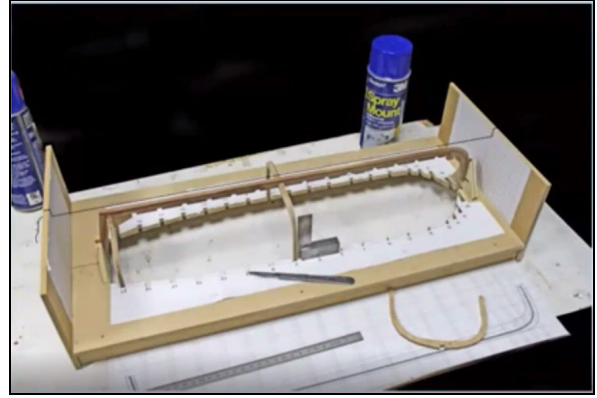
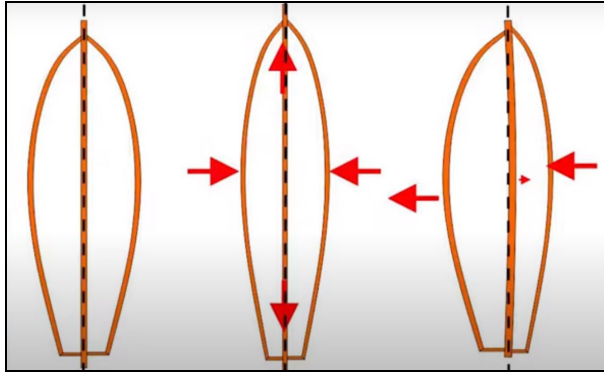
3) John Garnish showed a pre-recorded video of his presentation about his enhancements to the *Harold Hahn Method of Model Building*. This short UK club video is available to view in full on YouTube at:

<https://www.youtube.com/watch?v=OM9N06rUyvw>

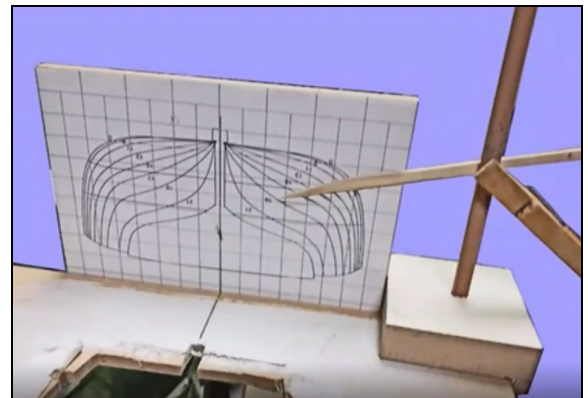
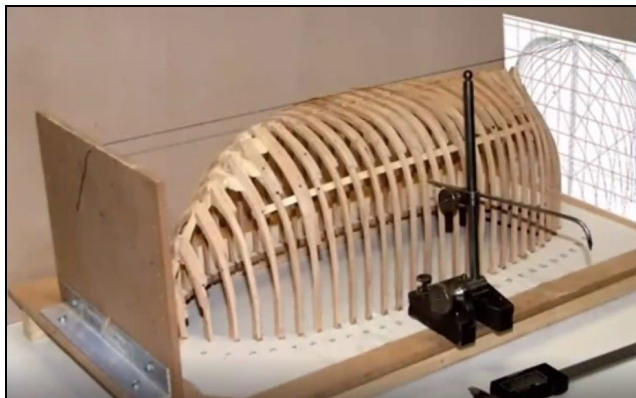


The Harold Hahn method allows the builder an optional build method to help assure the model does not go askew at the stem, stern, or amidships, during the stages of construction by providing a cut out and notched device that can hold the model frames steadily upside down.

The base board must be stable, flat and true. John does this with stiffening boards underneath. The two side edges of the board must be straight and parallel and then the centerline is marked and a copy of the plan is adhered to the build board with spray adhesive.

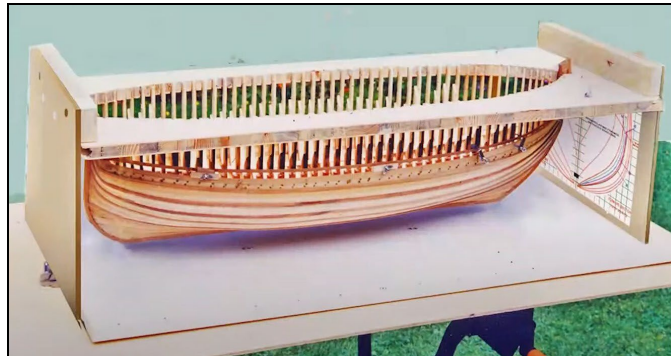


John then enhanced the Harold Hahn concept with the addition of removable end boards. He sticks a copy of the body plan to each end board. Spray adhesive helps avoid distortion and allows repositioning of the paper if necessary. Slots are then cut into the end boards on the centerline down to the top of the keel, and black cotton thread fitted to help visualize that the keel assembly is aligned properly to centre. The installation of frames locks the keel in position. The top timbers of the frames must be all extended an equal distance to allow them to be placed and glued into notches cut into the build board. They will eventually be cut free.

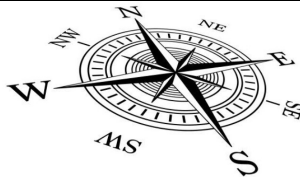


John utilizes an engineer's marking gauge (top left) but any fabricated height gauge (top right) will do the job of marking or double checking heights against the body plan. The gauge has an outside lip on its underside that runs against the outside of the base board. After setting the pointer against a frame, it can be lifted off and placed on the opposite side to check it. If your frame is truly symmetrical the pointer will just touch it.

The end plates can be removed to work on the hull planking. When done, reinstall the end walls, turn the whole thing right side up (as opposed to upside down), and you can install the deck beams inside the hull. When complete you cut the frames away from the building board.



Model turned right side up



That concluded our presentations and monthly meeting

Our next ZOOM meeting will be held on **Sunday, 13 November 2022**

*The MSON
Helping to keep fellow modelers
on course since 2008*

Notices will be e-mailed.

The upcoming November meeting presentations:

- **HMS Cheerful** - Jeffery Betcher (15 minutes)
- **Repair and Restoration of Aphrodite** - Ray Peacock (10 minutes)
- **Refit of the Schooner Charlie** - Alan O'Neill (20 minutes)

Have you anything you would like to share at a meeting?

If so please send us an email.

Modelshipwrightsofniagara@gmail.com

		Date		Meeting Location	Meeting Theme
2022	Sunday at 1:30 PM ET (Toronto, Canada)	September	11	Virtual ZOOM Meeting	1) Various completed builds (10 mins) 2) Build Update - Tops and Gunports (5 mins) 3) River and Canal Barges and Towboats of Chicago and Illinois (45 mins)
		October	16*		1) The Origins of the Sailing Sloop of War (15 mins) 2) HMS Surprise - build completed (15 mins) 3) The Harold Hahn method of model building (20 mins)
		November	13		1) Repair and Restoration of Aphrodite (10 mins) 2) Kit Build of the Lively of Baltimore (15 mins) 3) Refit of the schooner Charlie (20 mins)
		December	11		1) Silicone Mould Making and Resin Casting (20 mins) 2) Construction of Seaplane Floats (15-20 mins)
2023	Sunday at 1:30 PM ET (Toronto, Canada)	January	8		1) Scratch Building a 3 Blade Brass Propeller (10 mins) 2) 3D Printing and Using a Mariner's Astrolabe (20 mins)
		February	12		1) The Falkirk Wheel (15 mins) 2) HMS Agamemnon - kit bash build complete (15 mins)
		March	12		1) Old School Lofting Frame Shapes from Line Diagrams (20 mins)
		April	16*		1) Cutter Alert Build Progress (5-10 mins) 2) <i>Domanoff</i> Ropewalk and Server (15-20 mins)
		May	14		1) Radio Controlled PC 109
		June	11		
		July	...	SUMMER HIATUS	
		August	...		

*October 2022 and April 2023 dates moved forward one week (3rd Sunday) due to the Thanksgiving and Easter Sunday

