

2005-6 Fall/Winter Boatbuilding Workshops and Speakers' Series

Mass Bay Maritime Artisans

Mass Bay Maritime Artisans is the boatbuilding wing of the Jones River Marine Ecology Center. It serves to foster a sense of community and collaboration among the people working small boats on the waters of Mass Bay.

The Maritime Artisans Series is a joint project of the Jones River Marine Ecology Center and the Hull Lifesaving Museum.

**Hull
Lifesaving
Museum
&
Jones River
Landing**



Speakers' series, featuring:

- ◆ Roger Crawford
- ◆ Bill Sauerbrey
- ◆ Jim Reineck
- ◆ Tony DeLima

Project workshops:

- ◆ Build the Tommy Cod
- ◆ Designer and Client
- ◆ Boatbuilding Skills Series

Saturday afternoon workshops:

- ◆ Tuning and Using Edge Tools for Boatbuilding
- ◆ The Designer's Eye: the Role of Half-hull Models and Computer Renditions in Boat Design
- ◆ Forge Demonstration
- ◆ Fiberglass Boatbuilding with Roger Crawford
- ◆ Understanding Lines Plans: Lofting and Drafting
- ◆ Selecting and Using Locally Milled Lumber in Boats

Mass Bay Maritime Artisans

Maritime Artisans Series

Director

Reuben Smith
Jones River Landing
55 Landing Road
Kingston, MA 02364
617-462-7215 (cell)

Planning Committee

Antonio Dias
Ray Larsen
Patrick Otton

Registration Info

To register for
workshops, call
Hull Lifesaving Museum
at 781-925-5433

Workshop and Lecture Locations

Jones River Marine
Ecology Center
55 Landing Road
Kingston, MA 02364
781-585-2322
www.jonesriver.org

Hull Lifesaving Museum
1117 Nantasket Ave.
Hull, MA 02045
781-925-5433
www.lifesavingmuseum.org

Dear friends,

Those who knew us last year will find this year's catalog of events considerably expanded. In 2004 we started off with our speakers' series and one workshop, working in collaboration with Hull Lifesaving Museum and Duxbury Bay Maritime School. Between 30 and 60 people attended each of our talks, and our half-model class was overbooked. There seems to be plenty of interest, and with our expanded collaboration with our likeminded friends at Hull Lifesaving Museum we're seeking to serve it.

We're continuing our speakers' series. Same as last year, the speakers are highly-regarded artisans with national and international reputations living and working right in our area. This year, we've supplemented that speakers' series with an array of workshops. There are three boatbuilding and boat design project workshops. These take place a weekday evening or two and run several weeks. We are also offering an array of Saturday afternoon workshops and demonstrations that cover skills and information vital to boatbuilders and boat owners.

Our events are useful to general boat nuts as well as to professional builders looking to expand their knowledge and to get to know the expertise available in the area. The artisans we're working with are chosen for their expertise, but we're also lucky that these folks tend to be excellent speakers and instructors. Our form of pedagogy is not to simplify the subjects, but to convey the principles that are needed for an intuitive understanding of the work. Boatbuilding is intellectually and conceptually demanding, and that's why it's so darn interesting.

We're excited about our collaboration with Hull Lifesaving Museum. They have decades of experience training people in their boatshops in Hull and South Boston, and they have an office with dedicated people who will help us coordinate our effort. Hopefully, more institutions and artisans will come on board and our series and will consist of events all along coastal Massachusetts in the coming years.

Special thanks to our sponsors who have advertised in this catalog. Please take note of these people and turn to them when you can. Also, thanks to the Massachusetts Charitable Mechanic Association who have come through with another grant for tools. The shop is really taking shape!

Hope to see you this Fall,

Reuben Smith
Boatshop Director
Mass Bay Maritime Artisans at Jones River Landing

Thursday evening lecture events

Join us every other Thursday at 7PM for a lively, educational, and thought-provoking discussion with a local artisan. Lectures typically last about an hour, with a Q&A session afterward. A \$5 donation is appreciated.

October 20 , 2005 at Jones River Landing

Bill Sauerbrey, custom boatbuilding foreman at Beetle, Inc., tells of building a 28' C. C. Hanley catboat. Starts at 7PM.

November 3, 2005 at Hull Lifesaving Museum

Jim Reineck tells of his business engineering and manufacturing reproduction Herreshoff marine hardware. Starts at 7PM.

November 17, 2005 at Jones River Landing

Roger Crawford, of Crawford Boatbuilding, tells the story of the development of the glass melonseed skiff. Starts at 7PM.

December 1, 2005 at Hull Lifesaving Museum

Anthony DeLima, formulator for MAS Epoxies, talks about the use of modern materials in traditional and modern boat construction and repair. Starts at 7PM.

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Project workshops

Our project workshops represent a real opportunity for people to have a genuine shop experience, with lots of hands-on learning mixed with free and far-reaching discussion about the work at hand. These workshops generally take place one or two evenings a week, and run several weeks.

As well as the three courses listed here, others will be offered in the near future—the half-model class is especially popular. Some courses are geared for the rank novice—such as Build the Tommy Cod—while others are geared for people with a little more experience.

All the courses allow students enough time to familiarize themselves with the tools, thought processes, methods, and materials necessary for successful boat building, restoring, and owning.

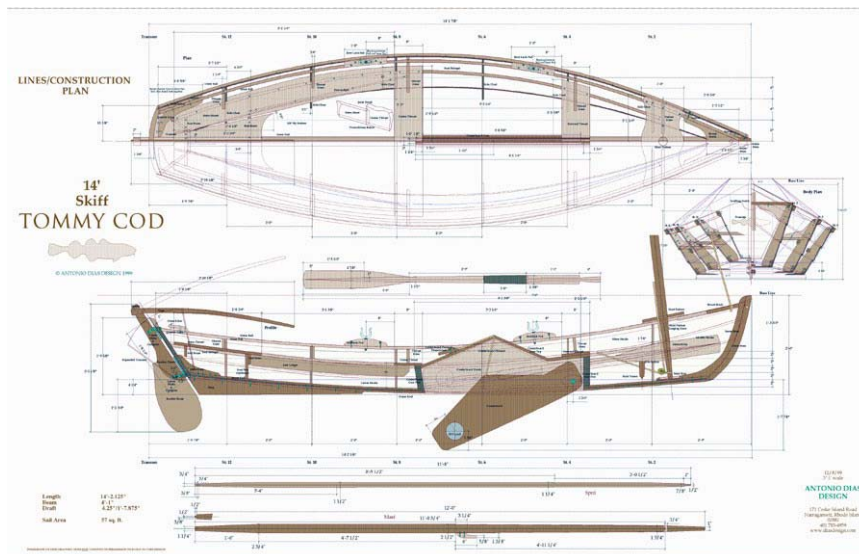
Build the Tommy Cod

Date: Tuesday and Wednesday evenings 5:30-9:30PM, October 12-November 6, 2005

Instructor: Reuben Smith

Location: Jones River Landing

Come to Jones River Landing to build Tommy Cod, a 14' rowing, sailing dory/skiff from the board of local designer Antonio Dias. This class is perfect for beginning boatbuilders, as well as those looking to hone their skills. Space is limited, so register early. \$600 members/\$650 non-members. To register, call 781-925-5433.



Project workshops (cont.)

Designer and Client

Date: Tuesday evenings, 7-9:00PM, January 24-March 21, 2006

Instructor: Antonio Dias

Location: Jones River Landing

Tease out a dream boat design with the help of dream boat designer Antonio Dias. Preconceptions about layout, rig, and hullform will be weighed against the realities of construction, cost, and performance. Dias's book, *Designer and Client*, will be the text of the course, and students will learn about the push and pull that goes on between a designer and client. The workshop will be in largely seminar form, with students working up cartoon renditions of boats they design, and then refining them through the course of the workshop. This is a rare opportunity to bring your understanding of boat design to a very high level. Limit 10 people. Intermediate course. \$425. To register, call 781-925-5433.

Boatbuilding Skills Series

Date: Wednesday evenings, 7-9:30PM, February 1-April 5, 2006

Instructor: Reuben Smith

Location: Jones River Landing

A weeknight series covering fundamental boatbuilding skills, ranging from tool use, fastening, spiling, bending, laminating, lofting, finishing, and on. The sessions will begin with a lecture explaining the principles and methods of that evening's subject, and end with the students pairing off in the shop and applying their knowledge. Limit 12 people. Intermediate course. \$425. To register, call 781-925-5433.

Mass Bay Maritime Artisans

Boatbuilding Workshops

Saturday afternoon workshops

Tuning and Using Edge Tools for Boatbuilding

Date: Saturday, August 27, 2005, 1:00-5:00PM

Instructor: Jeff Bird

Location: Jones River Landing

Local woodworker and Brandeis instructor Jeff Bird has made a study of traditional woodworking tools and methods. He will show participants techniques for tuning, sharpening and using block planes, jack planes, spokeshaves, slicks, and cabinet scrapers. Participants will also learn basic joinery techniques as well as boatbuilder's methods for carving curves, rolling bevels, and rabbets. This workshop also offered at Hull Lifesaving Museum in October. Each participant will have his or her own workbench, tools, and materials to practice the techniques learned. Limit 12 people. \$90. To register, call 781-925-5433.

The Designer's Eye: the Role of Half-hull Models and Computer Renditions in Boat Design

Date: Saturday, September 10, 2005, 1:00-5:00PM

Instructor: Antonio Dias

Location: Jones River Landing

World-renowned small boat designer Antonio Dias will lead a class on the intuitive, artistic side of naval architecture. Participants will be shown how to think about the shape of boats not as a static piece of sculpture, but rather as a dynamic structure charging through the interface of sea and air. This course will change how you think about boats. Limit 12 people. \$90. To register, call 781-925-5433.

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Saturday afternoon workshops (cont.)

Tuning and Using Edge Tools for Boatbuilding

Date: Saturday, October 15, 2005, 1:00-5:00PM

Instructor: Reuben Smith

Location: Hull Lifesaving Museum

An encore workshop offered this time by Tumblehome Boatshop owner and Mass Bay Maritime Artisans Boatshop Director Reuben Smith, who will lead a course on tuning, sharpening and using block planes, jack planes, spokeshaves, slicks, and cabinet scrapers, especially for boatbuilding. Participants will also learn basic joinery techniques as well as boatbuilder's methods for carving curves, rolling bevels, and rabbets. Each participant will have his or her own workbench, tools, and materials to practice the techniques learned. Limit 12 people. \$90. To register, call 781-925-5433.

Forge Demonstration

Date: Saturday, November 12, 2005, 1:00-5:00PM

Instructor: Ray Larsen

Location: Genuine Forgeries in Hanover, Mass.

Spend a Saturday afternoon at Genuine Forgeries in Hanover, Massachusetts, where Ray Larsen forges traditional boatbuilding tools such as caulking irons, mallets, slips and slicks. See traditional toolmaking as it was done at the world-renowned C. Drew forge in Kingston. Ray's knowledge of the local iron and steel industry is as broad as is his artistry in his shop. Limit 10 people. \$90. To register, call 781-925-5433.



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Saturday afternoon workshops (cont.)

Fiberglass Boatbuilding with Roger Crawford

Date: Saturday, November 19, 2005, 1:00-5:00PM

Instructor: Roger Crawford

Location: Crawford Boatbuilding in Marshfield, Mass

Come to Roger Crawford's famous melonseed shop in Humarock and see how a fiberglass boatbuilding shop works. The class will be shown Crawford's process of hand-laying 'glass hulls, from lay-up to fitting out, and be walked through the structural and engineering questions a boatbuilder has to solve. This is a rare chance to see the work of our area's most prolific boatbuilder. Limit 10 people. \$90. To register, call 781-925-5433.



Understanding Lines Plans: Lofting and Drafting

Date: Saturday, December 10, 2005, 1:00-5:00PM

Instructor: Reuben Smith

Location: Jones River Landing

Spend an afternoon with Mass Bay Maritime Artisan Boatshop Director Reuben Smith talking and thinking about hull forms as represented in lines plans. Learn what all the lines in a drawing represent, and fundamentals on how to interpret them. Learn how lines plans are created from half-models, and the fundamentals of lofting, sighting a fair curve, and pattern-making. Limit 12 people. \$90. To register, call 781-925-5433.



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Mass Bay Maritime Artisans

Boatbuilding Workshops

Saturday afternoon workshops (cont.)

Selecting and Using Locally Milled Lumber in Boats

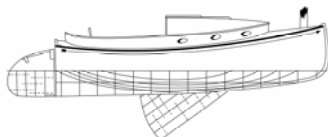
Date: Saturday, January 28, 2006, 1:00-5:00PM

Instructor: To be determined

Location: Hull Lifesaving Museum

Ever wonder about how to shop for wood at your local sawmill? Much of boatbuilding requires air-dried—or even green lumbers that are just not available at lumber retailers. The best wood can often be found at area sawmills. This course will cover the varieties of local woods used in boatbuilding, how to identify them at the lumberyard, and where and how to use them in boats. Each participant will have his or her own workbench, tools, and materials. Limit 12 people. \$90. To register, call 781-925-5433.

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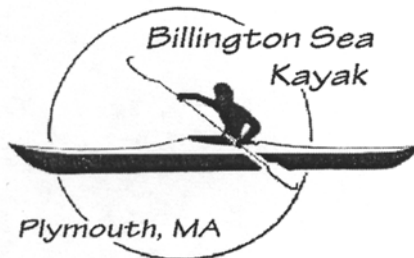
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Museum

781-925-5433

About the Maritime Artisans Series

The Maritime Artisans series is a joint project of the Jones River Marine Ecology Center and the Hull Lifesaving Museum. Show your support by registering in one of the workshops and by attending the Thursday lectures.

Help keep the series going and enjoy discounts on the extended workshops by becoming a member of Jones River Marine Ecology Center and Hull Lifesaving Museum.

Jones River Marine Ecology Center

The Jones River Marine Ecology Center is a place-based environmental heritage project whose mission is to develop long-term stewardship of the Jones River, the estuary, and Cape Cod Bay. The Center was established in June 2003 to provide stewardship of the natural resources of the Jones River and Cape Cod Bay, and preserve the river's cultural heritage. In order to accomplish this purpose the organization is developing several approaches to learn about the natural resources of this marine environment and educate the community regarding restoration and preservation of it. Members can access the Jones River through Jones River Landing at any time with canoe, kayak, or other carry-in craft. Learn more at www.jonesriver.org.

Hull Lifesaving Museum

The Hull Lifesaving Museum, the museum of Boston Harbor Heritage, preserves the region's lifesaving tradition and maritime culture through collections, exhibits, experiential and interpretive education, research and service to others. The museum's open water rowing programs in Boston Harbor educate young people about themselves while developing a constituency that takes stewardship for its maritime history. The deeds, traditions, and ethics of nineteenth century coastal lifesavers—Skills, Courage, and Caring—are the foundation of the museum's exhibits and programs, and its underlying commitment to working to impact society, and individual lives, for the better. Learn more at www.lifesavingmuseum.org or by email at lifesavingmuseum@comcast.net.

**Yes, I would like to join
Jones River Marine Ecology Center**

___ \$25 Individual Membership

___ Other: \$ _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

Email: _____

Mail form and check to: JRMEC; P.O Box 73, Kingston, MA 02364. Visit us at www.jonesriver.org

**Yes, I would like to join
Hull Lifesaving Museum**

___ \$25 Individual Membership

___ Other: \$ _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

Email: _____

Mail form and check to: Hull Lifesaving Museum; P.O Box 221, Hull, MA 02045. Visit us at www.lifesavingmuseum.org