



2021 National Boatbuilding Challenge

The National Boatbuilding Challenge is returning to Belfast on Saturday, August 14, 2021 during the Belfast Harbor Fest, sponsored by the Belfast Rotary Club. The competition was a huge success in Belfast since 2007, and has been held in South Carolina for the past 29 years. The challenge involves two-person teams building a 12-foot wooden skiff in less than four hours followed by a rowing race. Teams are judged on how quickly they complete construction, the quality of the craftsmanship and their speed on the water in the two-man relay-rowing race. Each team receives plans and building materials, a work space and competes for First, Second and Third place prizes of \$500, \$300, and \$200 respectfully.

In the past teams have been comprised of boat builders, carpenters, doctors, nurses, mechanics, teachers, and retirees. We have had brothers, brothers-in-law, and spouses compete. Some have finished, many have not.

Although competitors are a mixed bag, it is recommended that a least one team member is familiar the safe operation of their tools and can read the plans.

The competition will begin at 11:00 am on Saturday, Aug. 14, 2021 at Steamboat Landing in Belfast.

For more information email us at:

belfastharborfest@gmail.com

Boatbuilding application on second sheet

Rules and Regulations

- Each team will consist of two boat builders. (Youth teams may have adult supervision but that adult may only advise and may not engage in active construction.)
- Each team will be assigned a space approximately 12'x15'. All tools, tables, and necessary building materials shall be contained to this space.
- Each team will provide their own tools, both hand and power. A 20 amp electrical service will be supplied to each team. All tools must be in good repair with all guards and safeties in working order. Be sure to bring #2 square head drill bits as well as #2 Phillips head drill bits.
- Any power tool is allowed EXCEPT pneumatic tools, chain saws and table saws.
- Each team must bring its own sawhorses and worktable(s). No jig, precut pattern or automatic assembly mechanism may be used.
- Only manual caulking guns may be used to dispense adhesive and caulking material. Teams must bring their own caulk guns.
- All plan and building materials will be supplied by the National Boatbuilding Challenge Committee.
- Oars must be handmade by the team(not purchased) and should be made ahead of the competition. You may bring your own oar locks to ensure that they fit your oars. We will supply the oar locks (as specified on the drawings) on the day of the competition. However if you chose to use the supplied oar locks you may need to modify your oars, because of variation in dimensions. The oar locks are installed after the build and are not part of the judging.
- Transom blank will be provided at the competition.
- Two station molds are needed and should be built before the competition.
- Boat plans are available to teams as soon as their registration fee is received.
- A team is permitted to be coached verbally. But the coach cannot physically assist the team in any way.
- PFDs (life jackets) must be provided by the building team.

The 2021 National Boatbuilding Challenge is sponsored by First National Bank

Scoring

•Each team will be awarded points for their standing against other teams and the LOWEST score wins.

Each team's individual score is based on the following:

1/3 - Speed of build

1/3 - Quality of workmanship

1/3 - 2-man relay rowing race

• **Speed of Build** - Each team will have a four hour time limit to build the boat. Points will be awarded

for simple elapsed time. First place will receive 3/4 of a point (the fractional score prevents ties).

Second place will receive 2 points. third place will receive 3 points. fourth place will receive 4 points. etc.

•**Quality of 'Workmanship'** - Each team's boat will be evaluated by our judges. taking into account adherence to the plans. the general appearance of the boat. and the overall quality of workmanship. The judge's evaluations will be compiled and the scoring points will be given as above.

• **Relay Rowing Race** - The race will be a relay on an even course with each team member rowing one

leg each. The course will be short with simple straight lines and one turn (the rower's head must break the plane of the turn-around line before switching). When the boat touches the dock will be used to determine the completion time for each team. Scoring points will be assigned as above.

•A team's total score is the sum of each of the three scores. Lowest score wins! Cash prizes will be awarded as follows:

First place overall - \$500

Second place overall - \$300

Third place overall - \$200

•Additional non-monetary prizes for best team in each category will also be awarded.

We look forward to you becoming a boat building “Warrior” this summer in Belfast, ME!

Mark Your Calendar August 14, 2021 at 11:00 am

Steamboat Landing, Belfast Setup 8:30 to 10:30 am

ENTRY APPLICATION

Team Name

Member #1 Name

Address

City _____ **State** _____ **Zip** _____

Daytime Telephone _____

Evening Telephone _____

E mail Address

Current Occupation

Member # 2 Name

Address

City _____ **State** _____ **Zip** _____

Daytime Telephone _____

Evening Telephone _____

E mail Address

Current Occupation

PERSONAL STUFF

On the next page please take some time and respond to the questions below:

- Please tell us a little of your history. Tell us something interesting, funny, and helps provide understanding of both of you as competitive boat builders. We will use this in the program. No limit on words here.
- Please give us some insight into what motivates you to enter a competition to establish a world record for boatbuilding and go on to compete in a national competition? No rules here, just speak your thoughts.

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