BUILD IT.
RACE IT.

THE ANNUAL
MARINE INSTITUTE
MODEL BOAT RACE

PROJECT DETAILS
FUNDAMENTAL VALUES

- We are a team.
- We do the work to find solutions with guidance from our coaches and mentors.
- We know our coaches and mentors don’t have all the answers; we learn together.
- We honour the spirit of friendly competition.
- What we discover is more important than what we win.
- We share our experiences with others.
- We display professionalism in everything we do.
- We have FUN!!!
THE PRODUCT

1. A remote control boat built by you and your team.
2. A poster board display describing your boat and how you designed and manufactured it.
3. A design booklet.

1. MODEL BOAT

The design and fabrication of boat models is entirely up to the student teams themselves; students have considerable flexibility in determining their final boat shape. Innovation will play a very substantial role in this aspect of the competition.

Two design parameters — overall length of the model (Length: \textbf{700mm} maximum) and the requirement to use the propulsion and control system that is provided by the Marine Institute, must be adhered to by all teams.

Teams are encouraged to construct a “cradle” to support their boat in the upright position for working and display purposes.

2. BOAT POSTER BOARD DISPLAY

Each team will be expected to display their boat, a poster board and a design booklet. The displays will be exhibited on tables provided for each team, in a designated area.

A foldable Project & Presentation Display Board, sized 48” x 36” will be created by the students outlining the team members, the inspiration and development of their boat, including photos of the boat under construction. The display board will be evaluated as part of the model package.

3. DESIGN BOOKLET

The Design Booklet should simply be a record of the design concepts that have aided in the development and manufacture of the boat. All information should be organized in a three ring binder which outlines the basic design concepts for the boat. Copies of any sketches or preliminary designs by the students, problems encountered, solutions, alternatives, calculation worksheets (supplied by MI) and a photo gallery of the process would be suggested materials in this submission.

Please note that the design booklet should not be in essay form but rather a collection of ideas and processes that led to the development of the boat and its design. The design booklet will also be evaluated as part of the poster display.
PLEASE NOTE THAT INFORMATION ON JUDGING AND THE RACE COURSE WILL ONLY BE PROVIDED TO THOSE TEAMS PARTICIPATING IN THE RACE.

APPLICATION FOR ENTRY

All applications will be accepted on a first come, first serve basis. Completion of the attached application form is required.

All applications should be forwarded to:

Fisheries and Marine Institute of
Memorial University of Newfoundland
Academic & Student Affairs
155 Ridge Road
St. John’s, NL  A1C 5R3

Attn: Jennifer Howell
Jennifer.Howell@mi.mun.ca
Phone: (709) 778 0686
Fax: (709) 778 0385

OR

Attn: Dawn King
Dawn.King@mi.mun.ca
Phone: (709) 778 0543
Fax: (709) 778 0385
ANNUAL MARINE INSTITUTE MODEL BOAT RACE
APPLICATION FOR ENTRY

School Name: ________________________________________________________________
School Address: ______________________________________________________________
Contact Name: ______________________________________________________________
Phone Number: ______________________________________________________________
Email Address: ______________________________________________________________

TEAM MEMBERS
Teams must consist of a minimum of 2 members plus mentors
up to a maximum of 12 members including mentors.

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Lead Mentor                Date