



MARINA BOAT DESIGN CONTEST



*In line with the Maritime Industry Development Plan (MIDP) program 3,
the Coastal and Inland Waterways Transport System (CIWTS)*



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GUIDELINES ON THE MARINA'S IN SEARCH FOR THE BEST BOAT DESIGN IN THE COUNTRY

"Boat Design Contest"

I. BACKGROUND

The Maritime Industry Authority (MARINA) will conduct its first-ever boat design competition open for Naval Architecture and Marine Engineering (NAME) schools and Naval Architects or any professional individual of the said field.

II. OBJECTIVE OF THE COMPETITION

As the Philippines being an archipelago, the MARINA is aiming to promote creative opportunities to foster and promote Shipbuilding and Ship Repair industry in our country.

This competition is derived from one of the programs of the Maritime Industry Development Plan (MIDP) programs 3, Coastal and Inland Waterways Transport System (CIWTS). Part of the overarching aim of this competition is to raise awareness of the naval architecture profession and shipbuilding industry. This shall also enhance the capability of Filipino boat designer to innovate and use new emerging technologies in the pursuit of this field in boat design.

III. CATEGORIES

1. Students Category
2. Professional Category

IV. QUALIFICATIONS

Students Category:

1. Participants must be a Filipino Citizen and a bona fide student of any school catering Naval Architecture and Marine Engineering across the Philippines.
2. One group shall be counted as a single entry which must be composed of 3 students each group. There is NO LIMITED number of entries per school. However, each group shall only submit one (1) design.
3. This competition is open for third year, fourth year and fifth year students.



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4. Entries that have been used to any ship design competition and to any academic-related activities shall be automatically disqualified.
5. A student can only be a member of One (1) group. A student participating in multiple groups shall be disqualified along with the other members of the group.

Professional Category:

1. Participants must be a Filipino Citizen, a freelance Naval Architect, ship designer and, consultants in the Philippines
2. One group shall be counted as a single entry which must be composed of three (3) persons, with at least one is a Registered Naval Architect (RENA) or a graduate of BS Naval Architecture and Marine Engineering.
3. This competition is open for any individual who has passion and required knowledge in ship designing.
4. Entries that have been used to any ship design competition and to any academic-related activities shall be automatically disqualified.
5. An individual should only be a member of One (1) group. A student participating in multiple groups shall be disqualified along with the other members of the group.

V. LIMITATIONS AND EXEMPTIONS:

This competition is limited only for Naval Architects, students and graduates of BS Naval Architecture and Marine Engineering, however the followings are exempted to participate the said competition:

1. Naval Architects working in Maritime Industry Authority
2. Officer from the Society of Naval Architect and Marine Engineer, Inc. (SONAME).
3. MARINA-Accredited Marine Surveying Companies
4. Consultants of MARINA.
5. Boating Industries Association of the Philippines (BIAP)

VI. CRITERIA FOR JUDGING

1. Innovation and Creativity - 25%

Innovation — Is the design cost effective? Does the design apply data-proven structures to improve efficiency, safety, comfort, and convenience for both passenger and crew? Will it provide something new to the market or supplement/improve an existing product or service? Technology in Boat Design- where there have been monumental improvements in the technology integrated in boats, to make the ride comfortable and smooth.



2. Aesthetics (PH themed) - 25%

Aesthetics — Does the design stand out? Can it be the next trademark design for Philippine-designed ships? Including is its artistic value of the form, shape, color, texture, finishing, material used, etc. without compromising structural strength and safety.

3. Functionality, Safety and Durability - 25 %

Functionality, Safety and Durability — With regards to rules, standards, and regulations, can the design justify its ease of use, safety, and maintenance. Also, the quality and longevity of the design considering as well the many natural disasters of the country. Is it seaworthy?

4. Environmentally Friendly - 25%

Environmentally friendly – Is the design aimed to reduce the overall impact of the built-up environment on human health and the natural environment?

VII. MECHANICS FOR SUBMISSION OF ENTRIES

Every participant is required to follow the following guidelines:

A. Ship Design Parameters

In line with MIDP Programs 3, participants shall submit an **Inland Water Passenger Ferry** that will operating in **Laguna Lake-Pasig River-Manila Bay** based on the following:

- Boat Particulars: Length Overall (LOA), Breadth (Mld), Depth (Mld), Draft (Mld), Passenger Capacity;
- Any hull shape is acceptable as long it does not violate the design parameters;
- Design can be easily produced and affordable;
- Addresses the critical issue of the safety of passengers; and,
- Boats shall be unique and cannot be copies of past submittals.

B. Ship Structural Design

The structural design and strength if every submission shall adhere to the standards of any approved rule book of any Classification Society aligned with the material used for the design and construction.



C. Numerical Calculations

Calculations used by the participants to come up with their design must be included in the submission. Calculations must be presented in a spreadsheet.


D. Modeling Software

Participants are allowed to utilize any ship design/ modelling software (e.g. AutoCAD, Rhino3D, Maxsurf, etc.,) However, any designed vessel submitted as an entry that are **automatically generated** using any engineering software shall be deemed disqualified.

E. Presentation

- Participants shall present their designed ship and model in pdf and .dxf format or .3dm for Rhino3D. Maxsurf designs shall be exported to **.dxf and .pdf format**.
- Submission of ship design shall include the following:
 - The concept, brief background, and description of the design;
 - High resolution images of the General Arrangement Plan, Midship Plan, and a 3-Dimensional model of the boat design; and,
 - A short promotional animation video of the final design shall be submitted together with the entry to further promote the design.
- Every submission Email should indicate the Name of the Vessel, the group members, and the school the group represents (for students) or the company (or companies) of the members (for professionals)
- All entries shall be sent via a google drive link that shall direct to the folder which contains all the submission shall be sent to the secretariat at: srs@marina.gov.ph

VIII. REQUIREMENTS FOR REGISTRATION


1. Participants shall provide an envelope containing the following documents and must be submitted in six copies (one original and five certified photocopies):
 - Participant shall accomplish the Entry e-Form from the MARINA Boat Design Competition (MBDC) webpage (MBDC e-Form 01 for Student Category and MBDC e-Form 02 for Professional Category) 
 - Copy of the Identification Card (ID) of the Participant; and,



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- Copies of documents supporting information /data of the Participant. 
- 2. Participants shall register for the MARINA Boat Design Competition (MBDC):
 - Participants shall create an account which they can use to submit their design and upload supporting registration documents.
 - After registration, participants shall confirm their account and login.
 - Once login, participants shall access to the MARINA Boat Design Competition (MBDC) webpage at the MARINA website.
 - From the MBDC webpage, participants shall be able to upload their design for the competition.
 - To upload design, login and click on the "Upload Design" link at MBDC webpage.
 - To learn more, simply register above and login. If you are already registered.

IX. PANEL OF JUDGES

The following are the compositions for the Panel of judges for the said completion:

1. Officer from the SONAME.
2. Senior Naval Architect of the Maritime Industry Authority engage in the plans approval and safety of the vessels.
3. Boatbuilding Industry Association of the Philippines (BIAP)
4. MARINA-Accredited Marine Surveying Companies

X. FORMS OF AWARDS

A panel of judges shall use their expertise to narrow down a shortlist for each category and ultimately pick a winner for the design.

The Boat Design Competition Awardees shall receive cash reward for the following categories:

Student Category:

- 1ST PLACE – 30,000
- 2ND PLACE – 20,000
- 3RD PLACE – 10,000
- 3 CONSOLATION PRIZES – 3,000 each

Professional Category

- 1ST PLACE – 50,000
- 2ND PLACE – 30,000
- 3RD PLACE – 20,000



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- 3 CONSOLATION PRIZES – 5,000 each

*****All entries for this ship design competition shall be owned by the MARINA upon submission*****

XI. TERMS AND CONDITIONS

Competition Disqualification

MARINA Boat Design Competition (MBDC) holds the right to disqualify any submission which is non-compliant to the competition guidelines, do not meet the rules and regulations or is found to contain any identifying sign or mark that can contribute to the identity of the entrant. All submissions after the closing date for a particular competition shall be automatically disqualified. MBDC shall be under no obligation to notify the participant of the disqualified entry or submission.

Competition Cancellation / Withdrawal

The right to cancel or suspend or alter the rules of the competition at any point in time is held by MBDC, if deemed necessary in its opinion and if circumstances arise outside its control.

Winner Selection / Judges' Decision

MBDC determination of any winning entry or submission through its panel of judges will be final. If under any circumstances a selected winning entry cannot accept, receive or is ineligible for the award for any reason, the highest ranked entry from the top shortlisted or remaining entries that meet the winning requirement shall be deemed the winner. MBDC committee with the judges do not imply any legal association, affiliation, contract or partnership in any way, shape or form.

Ownership and Copyright

The ownership of copyright in the work of all submissions will be in accordance with the Copyright and Patent Act 1988, which implies the copyright of any design, drawings accompanying any entry or submission rests with the author. All registered trademarks, symbols or words are owned and protected by, and property of the respective trademark owners.

No participants shall receive or be entitled to receive any payment in any form for submission or for granting MBDC any right herein, other than for being selected as one of the winning entries of the competition.



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MBDC shall treat an entry or submission as being eligible to enter the competition under the Philippine Copyright Law. The competition participants agree to share their entries for making publication based on competition results by entering the MBDC competition. Participants are solely responsible for protecting the intellectual property of any submission to MBDC competitions.

Plagiarism

If charges of plagiarism are made against an entrant or participant, the charges are to be addressed at the earliest by the accused entrant or participant. MBDC holds the right to take down the content from all its channels until the matter is resolved.

Publicity

By entering the competition, the participants acknowledge and accept that all aspects of any submission narrative, description, details, images, illustration and animation may be used for publicity purposes by MBDC.

Winners agree to, and shall upon request at a reasonable notice, participate in publicity or promotional activity around the competition, like interviews, personally or otherwise. Each opportunity shall be taken on merit, and each participant or entrant shall have the right to decline any such opportunity.

Publication

MBDC holds the right to publish such material in whole or in part, or use them in any way it sees fit in connection with this website or its competition without permission of the entrant or payment for such use, subject to the provisions of the Data Protection Act of 2016.

License

By submitting your entry to the competition, you the "entrant" provide MBDC or the Maritime Industry Authority (MARINA) with a limited, non-exclusive, sub-licensable, worldwide, royalty-free license (but not the obligation), whose license is effective until perpetuity, to use, copy, modify, translate, and/or adapt, distribute, publicly display by any means and in any media and create derivative works of your entry solely in connection with the inclusion of your entry in activities related to, and the promotion of, the competition and the particular project, without any further notice or remuneration to you.

These rights shall be applied to all existing or future media, and in particular all physical, optical, magnetic, analogical, digital and electronic media, including media



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such as hardcopies, cd-roms, dvd-roms, hard disks, computers and servers, the internet, all private or public telecommunication networks, by cable, satellite, radio networks, etc.

By submitting your entry to the competition you also give MBDC or MARINA a non-exclusive, worldwide, royalty-free, irrevocable license in perpetuity, to display and archive your entry on MARINA website, www.marina.gov.ph ("website"), on MBDC Facebook or any other social networking / media pages in relation to the competition. Any credits will be with the name you supply for the competition.

Privacy Policy

MBDC is aware of your privacy and its importance. Any information collected on our site is used only for processing and administration of your competition entry according to the competition guidelines, rules and regulations and optimize your visit to our site from your personal experience.

Data Protection

MBDC will hold and use your personal data strictly according to the Indian Data Protection Legislation. We will comply with Data Protection Act of 2016. Only your name and affiliation shall be shared for the purpose of publication of submissions on third party platforms.

Security Policy

MBDC is aware of your safety and security, for which all sensitive information are collected and processed through a secured system. Whenever you are required to provide with any sensitive information like your payment card details, you will be taken to a secure system.

Governance

These terms and conditions are governed by and in accordance with the Laws.

General Indemnity

You agree to indemnify MBDC or MARINA fully from and against all claims, liability, damages, losses, costs and expenses, legal fees arising out of any breach of these conditions by you or any other liability arising out of your use of the site.



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Liability

The entrant agrees to release, indemnify, defend any party from any liability, any claim for damages, and/or lawsuit for or by reason of the mentioned submission as a result of any submission, revision, alteration or similar thereof. The entrant also acknowledges and agrees and therefore covenants not to sue or make any claim against any party related to an entrant's submission or any individual participation or involvement in the competition in any way whatsoever, or any use thereof.

Under no circumstances shall or can the entrant be entitled to any loss or damage, which include attorney's fees. Any dispute, claim and legal action arising from or connected with this competition, or any prizes awarded or potentially awarded therein, shall be resolved without resort to any form of legal action or class action. Should an entrant choose to bring a claim against MBDC or its agents the entrant shall pay MBDC or any party's reasonable attorney fees and its legal costs arising from the claim, should it fail. Nothing herein will constitute a waiver of the entrant's or participant's legal rights or any rights any party may have to take against the entrant or the participant.

MBDC or MARINA will not be responsible or liable for any lawsuit or claim against any of its judges or selector panel, emanating from their professional conduct or otherwise.

Unless clearly stated, all competitions are design concept only and do not imply in any way, an intention for the proposals to be physically constructed or built.

XII. TIMELINES

MARINA 48 th Anniversary	—	Announcement of Competition
Deadline for Registration	—	June 2023
Deadline for Submission of Entries	—	December 2023
MARINA 50 th Anniversary	—	Awarding Ceremony