



Questions you may have (9th August 2018)

Q1: I am a recent college graduate who has just begun a job in Naval Architecture compliance for a boat building company. The company does in-house design for their motorboats up to 65 feet, but it is not a part of my role in the company. Does this disqualify me under the section of the rules involving working in a Yacht design studio?

A1: Unfortunately, if you are receiving a salary from a design studio then you are unable to enter the competition.

Q2: I just found out that my company will be closing my facility and I will be losing my job, would I be eligible at that time?

A2: No, if you have been employed for financial gain in a Design Studio at any time you are unable to enter the competition.

Q3: I was wondering if the bridge has to be on the sun deck, or if its possible to move the bridge on the upper deck?

A3: The bridge could be placed on the upper deck, but you must naturally ensure that the outward visibility from this compartment meets relevant class requirements, which are outlined below:

1. *Ships of not less than 55 m in length, as defined in [regulation 2.4](#), constructed on or after 1 July 1998, shall meet the following requirements:*

- 1.1 The view of the sea surface from the conning position shall not be obscured by more than two ship lengths, or 500 m, whichever is the less, forward of the bow to 10° on either side under all conditions of draught, trim and deck cargo;*
- 1.2 No blind sector caused by cargo, cargo gear or other obstructions outside of the wheelhouse forward of the beam which obstructs the view of the sea surface as seen from the conning position, shall exceed 10°. The total arc of blind sectors shall not exceed 20°. The clear sectors between blind sectors shall be at least 5°. However, in the view described in .1, each individual blind sector shall not exceed 5°;*
- 1.3 The horizontal field of vision from the conning position shall extend over an arc of not less than 225°, that is from right ahead to not less than 22.5°, abaft the beam on either side of the ship;*
- 1.4 From each bridge wing the horizontal field of vision shall extend over an arc at least 225°, that is from at least 45° on the opposite bow through right ahead and then from right ahead to right astern through 180° on the same side of the ship;*
- 1.5 From the main steering position the horizontal field of vision shall extend over an arc from right ahead to at least 60° on each side of the ship;*
- 1.6 The ship's side shall be visible from the bridge wing;*
- 1.7 The height of the lower edge of the navigation bridge front windows above the bridge deck shall be kept as low as possible. In no case shall the lower edge present an obstruction to the forward view as described in this regulation;*
- 1.8 The upper edge of the navigation bridge front windows shall allow a forward view of the horizon, for a person with a height of eye of 1,800 mm above the bridge deck at the conning position, when the ship is pitching in heavy seas. The Administration, if satisfied that a 1,800 mm height of eye is unreasonable and impractical, may allow reduction of the height of eye but not less than 1,600 mm;*



Q4: Are we going to be given a 3D autoCAD file to import into Rhino?

A4: No, you create your own 3D file using the given materials

Q5: The brief asks for 10 guests, yet only 4 double cabins for guests. Should this be interpreted to mean 8 guests and 2 owners (total 10) or 10 guests and 2 owners (total 12) in which case 5 double cabins will be required for guests?

A5: The 'full complement' is 10, distributed as 4 x guest cabins and 1 x owner cabin

Q6: There is a green-hatched region between frame 25 and 30 on the starboard side of the main deck. What is this?

A6: It's emergency generating plant and, as stated in Paragraph 2.c. of The Task, it can be repositioned on the same deck to suit your design.

Q7: I have read the documents of the task but the description of lower deck drawing makes me a little confused. Does it mean I don't need to use AutoCAD to draw 2D GA but I need to draw a scaled, 3D sketch by hand to show what I think? Or it just means you don't use AutoCAD but a hand drawing to create a 2D GA?

A7: Yes, you are correct in your assumption that you do not need to utilise AutoCAD for the lower deck GA but you do need to provide a scaled, hand-drawn diagram to position the various areas. You do not need to design the individual areas in any detail - i.e. you do not need to create a detailed layout for the crew mess or the galley etc. showing tables and cooking equipment, but you must position these outlined areas on the GA. This will enable you to check that your circulation plan and staircase locations will work, and it allows the judges to see your skill at hand drawing.

Q8: I have a question related to the propulsion system. Considering that we've to design a '*large motor yacht that is partially powered by sail*', are we obliged to use a real sail or could it be a motoryacht helped by a kite?

A8: A kite is not permissible as launching and recovering such an item with sufficient area to propel the vessel is considered too difficult.