

Appendix 1 – CRUISER/RACER REGULATIONS

PART 1 - GENERAL

Introduction

The purpose of these regulations is to define requirements for categorizing boats as Cruiser/Racers controlling the cost, promoting safety and crew comfort. Cruiser/Racer yachts shall be those designed for cruising and longer stay on a boat and the minimum requirements are intended to guarantee as far as possible that boat follow the basic philosophy which include:

- The purpose of the yacht shall be in the first instance cruising.
- Accommodation layout and outfit shall be at least comparable to the standards of series production models which would find a broad market as cruising yachts.
- Sacrifice of layout and accommodation to features which are primarily suited to the racing character of a yacht shall be suppressed.
- The yacht without modification is fully suitable and actually used for cruising.

101 Cruiser/Racer Category

1. Boats complying with these regulations shall be categorized as Cruiser/Racers and all IMS and ORC rules and regulations as well as VPP calculations using C/R category shall apply to these boats.
2. Boats not complying with these regulations shall be categorized in Performance category.
3. Boats measured before 01/01/2010 shall comply with accommodation regulations applicable at the time of measurement where former Cruiser/Racer division will be grandfathered as Cruiser/Racer category and former Racing Division and None will be grandfathered as Performance category.
4. Any division of fleets, whether only for scoring purposes or to actually separate fleets on the race course, is at the discretion of National Authorities or local event organizers. However, when fleet is divided Cruiser/Racer category boats may on their own choice join the Performance category.

102 Fundamental Requirements and Definitions.

1. All systems relating to living, eating, sleeping, and stowage specified in these regulations shall be arranged in a manner suitable for cruising use and shall operate so as to provide the service function normally associated with the system. Items shall be presented as they are intended to be used. For example, any item intended for use as a berth shall be in place and its function declared at the time of inspection.
2. Designations such as table, berth, sink, stove, refrigerator, and so forth are intended to define the full utility of conventional equipment and whatever weight is customarily associated with it.
3. Designations such as locker, bin and drawer, specify rigid construction and full practicality for convenient and safe segregated stowage usable and accessible under offshore conditions. The contents of all compartments shall be fully secured by doors or other suitable devices.
4. “Permanently Installed” means items are built in and may not be removed from their permanently installed position for measurement or during racing.

PART 2 – ACCOMMODATION REQUIREMENTS

201 Accommodation Areas. The interior of the yacht should include: living area with table and settee, sleeping area(s), galley area, navigation area and a separate enclosed compartment for toilet/wash basin, accessible through a rigid door. Living areas and sleeping areas should be separated by means of rigid bulkheads or partitions.

202 Accommodation Length (AL) shall be the lesser of *LOA* or $3.25 * MB$, calculated to the nearest 0.1m.

203 A Cabin Sole shall extend fore and aft over a length which provides convenient access to lockers, berths, galley, head, navigation area and other components making up the yacht’s interior.

204 Headroom (HR) measured from cabin sole to the ceilings shall be not less than

- For yachts with an AL of 8.5m or less, HR = 1.40 m*
- For yachts with an AL between 8.6m and 14.4m: HR = 1.5 + 0.1656 * (AL - 8.5)^0.5 (metres)*
- For yachts with an AL of 14.5m or more, HR = 1.90 m*

205 Living Area. A living area (cabin) shall consist of space containing a table and settees.

1. **Table** should be permanently installed, of substantial construction and arranged with convenient seating, fixed to the cabin sole or hinged from a bulkhead to facilitate stowage.

$$\text{Required table area} = 0.11 * \text{Min. Number of Berths (m}^2\text{)}$$

2. **Settees** are required sufficient to allow a number of crew equivalent to the number of berths to sit around the table.

206 Sleeping Area shall consist of a space containing berths and adequate facilities for personal gear stowage.

1. **Berths.** Each single berth should be at least 1.9m in length and at some point at least 0.6m in width. A double berth shall be at least twice the width of a single berth. The ends of berths may taper as required by the hull shape. Mattresses are to be fitted to all such berths.

<u>Accommodation Length</u>	<u>Min. Number of Berths</u>
AL ≤ 7,9	2
8,0 ≤ AL ≤ 8,9	3
9,0 ≤ AL ≤ 10,6	4
10,7 ≤ AL ≤ 12,7	5
12,8 ≤ AL ≤ 14,9	6
15,0 ≤ AL ≤ 17,0	7
17,1 ≤ AL ≤ 19,1	8
19,2 ≤ AL ≤ 21,2	9
21,3 ≤ AL ≤ 23,4	10
AL ≥ 23,5	11

2. **Personal Gear Stowage** shall be provided in the form of built-in lockers with doors, bins with hatches or drawers.

$$\text{Required volume} = 0.04 * \text{Min. Number of Berths (m}^3\text{)}$$

207 Galley Area:

A galley area is not permitted in a space counted as a Sleeping Area and shall include:

1. **Stoves:** A gimballed stove fitted with high retaining rails to permit safe operation underway.
2. **Sinks:** Permanently installed and fitted with pump/tap and drainage system.
3. **Galley Gear Stowage:** Should be provided in rigid lockers, bins or compartments.
4. **Food Stowage:** Stowage for food should be provided in rigid lockers, bins or compartments.

$$\text{Required volume} = 0.06 * \text{Min. Number of Berths (m}^3\text{)}$$

- 208** 1. **Toilet** Marine type permanently installed and operable in compliance with local regulations.
2. **Wash Basin:** Near the toilet, fitted with pump/tap and drainage system which permits use underway.
- 209** **Navigation Area** shall include flat area suitable for chart work. The area should be built with storage for charts, navigational instruments, books, etc. In smaller yachts, counter tops, cabin tables or portable chart boards.
- 210** **Hanging Locker(s)** shall be of sufficient dimension to permit hanging garments vertically.
- 211** **Fresh Water Capacity:** For yachts with an AL of 8.5m and greater fresh water pumps shall be installed at the sink and wash basin and fresh water shall be contained in permanently installed tankage either of rigid construction or of the bladder type.
*Min. fresh water capacity in litres = (5*AL-30) * Min. Number of Berths*
- 212** **Fuel Capacity:** Yachts with inboard engines shall be directly supplied from permanently installed fuel tankage.
For AL of 8.5m or less the required capacity for diesel fuel is 20 litres.
*For AL of 8.6m or more the required capacity for diesel fuel = 20*AL -150 (litres).*
*Fuel capacity for gasoline = 1.25 * fuel capacity for diesel.*
- 213** **Cockpit**
For cruising amenity, the cockpit should feature fixed seating, seatbacks and coamings. The length of seating should accommodate crew numbers at least equal to the required number of berths.